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RCS Chief
Superfund and Emergency Management Division
U.S. Environmental Protection Agency, Region 4
61 Forsyth Street, SW
Atlanta, Georgia 30303-8960

Mr. Maher Budeir
Corrective Action Section
Resource Conservation and Restoration Division
U.S. Environmental Protection Agency, Region 4
61 Forsyth Street, SW
Mail Code: 9T25
Atlanta, Georgia 30303-8960

Date: January 21, 2025

Subject: **Monthly Progress Report (December 2024) – Former Hercules Facility, Hattiesburg, MS**

USEPA Region IV, RCRA 3013(a) Administrative Order
Docket # RCRA-04-2011-4251

USEPA Region IV, RCRA 3008(h) Administrative Order on Consent
Docket # RCRA-04-2014-4201(b)

USEPA Region IV, CERCLA Administrative Settlement Agreement and Order on Consent
Docket # 04-2023-2521

Our Ref: 30251700.0400

Dear Ms. Johnston and Mr. Budeir:

This *Monthly Progress Report* summarizes the activities accomplished between December 1 and December 31, 2024, per the 2011 Resource Conservation and Recovery Act (RCRA) 3013(a) Administrative Order, the 2014 RCRA 3008(h) Administrative Order on Consent, and the 2022 Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Administrative Settlement Agreement and Order on Consent (ASAOC) for the Remedial Investigation (RI)/Feasibility Study (FS) for the former Hercules LLC (Hercules) site in Hattiesburg, Mississippi, referred to herein as “the site.”

Tasks Initiated, Continued, or Completed during December 2024

The following summary is intended to document significant activities (e.g., field work, conference calls, technical deliverables, correspondence) performed throughout the reporting period, and is not intended to capture all email correspondence between the U.S. Environmental Protection Agency (USEPA) and Hercules over that same period.

- Participated in conference calls with the USEPA and the Mississippi Department of Environmental Quality (MDEQ) (together, the Agencies) on December 3 and December 10, 2024, to have follow up discussions on the materials previously presented for two Operable Units (OUs): OU-9 (Former Stump Pile Area) and OU-3 (Former Area #2).
- Ms. Chrissy Piechoski (Hercules Project Manager/Project Coordinator) and Ms. Shelby Johnston (USEPA RCS Chief) had calls on December 16 and December 17, 2024, to discuss potential next steps and schedule for the project, and the financial assurance mechanisms and the groundwater monitoring requirements for the site. An email was provided on December 18, 2024, summarizing those discussions and attaching associated materials (i.e., conceptual schedule options, figure showing areas with previously proposed interim measures and pilot tests, and a sample count of the collected samples to date and the samples proposed in the December 4, 2023 *Remedial Investigation/Feasibility Study Work Plan* [RI/FS Work Plan]).
- Participated in a conference call with the Agencies on December 17, 2024, to discuss the November 5, 2004 comments provided by the USEPA on the *Quality Assurance Project Plan* (QAPP) submitted by Hercules on March 29, 2024.
- Submitted the *Monthly Progress Report* for November 2024 to the Agencies on December 19, 2024.
- Initiated data management and evaluation of the groundwater and surface water samples collected during the 2024 second semiannual monitoring event conducted during the weeks of November 4 and November 11, 2024. Copies of the laboratory analytical reports received in December 2024 are provided in **Attachment A**. Analytical data summary tables are provided in **Table 1** for groundwater within the alluvial aquifer, and in **Table 2** for surface water from Greens Creek. **Table 3** presents the analytical data for quality assurance/quality control samples.

Challenges and/or Delays

- None this period.

Tasks Planned for Next Three Months (January – March 2025)

- Continue discussions to define the next steps and approach for the RI/FS, including to complete revisions to the *RI/FS Work Plan* and the seven RI Deliverables submitted in March 2024:
  - One option is to continue OU-specific scoping meetings with the Agencies to discuss the history, existing data, data gaps, data quality objectives (DQOs), and proposed investigations for each OU. Under this scenario, Hercules would submit a Revised RI/FS Work Plan approximately 120 calendar days after conclusion of the OU-specific scoping meetings, incorporating the OU approach, data gaps, DQOs, and proposed investigations discussed for each OU.
  - Alternatively, the USEPA team would review the documents submitted to date per the ASAOC (e.g., *Conceptual Site Model Report*, *RI/FS Work Plan*), and Hercules would prepare and submit a Revised RI/FS Work Plan that incorporates updated screening criteria, USEPA feedback provided during recent OU-specific scoping calls, and the results of the recently completed vapor intrusion investigation activities. The OU approach would be incorporated into the Revised RI/FS Work Plan in part and then fully in the subsequent Remedial Investigation Report once the new data are available and the conceptual site model is updated.

- Based on a conference call held on January 14, 2025, the project team (USEPA, Mississippi Department of Environmental Quality [MDEQ], and Hercules) agreed to proceed with the second option. Under this approach, it is anticipated that the RI process will be iterative in nature, and the results of the initial investigation activities to be proposed in the Revised RI/FS Work Plan will be used to identify potential remaining data gaps that may need to be addressed under subsequent mobilizations, to be discussed and approved by the USEPA.

Personnel and/or Project Changes

- Two new USEPA project managers were added to the USEPA project team: Mr. Do Hyong Kim joined the team on November 5, 2024, and Ms. Porcha McCurdy joined on December 3, 2024. Ms. Shelby Johnston will continue to be the primary USEPA contact for the project.
- Ms. Chrissy Piechoski replaced Mr. Tim Hassett as the new Hercules Project Manager/Project Coordinator for the site as of December 1, 2024.

Community Involvement

- None this period.

USEPA/MDEQ Support Needed

- Select the next steps and approach to complete revisions to the *RI/FS Work Plan* and RI Deliverables.
- The following table summarizes the status of the USEPA review of the RI Deliverables:

RI Deliverable	Submittal Date	Comments from USEPA/MDEQ	Notes
QAPP	3/29/2024	11/5/2024	Essential for the RI phase. Approval required prior to RI implementation. Hercules to revise the QAPP following identification and agreement regarding OU-specific DQOs.
Emergency Response and Notification Plan	3/6/2024	TBD	The project team agreed that finalizing this document is not essential prior to initiating the RI phase. The Agencies will review and provide comments, as applicable.
Data Management Plan (DMP)	3/6/2024	TBD	Essential for the RI phase. Approval required prior to RI implementation

RI Deliverable	Submittal Date	Comments from USEPA/MDEQ	Notes
Health and Safety Plan	3/6/2024	TBD	Essential for the RI phase. The Agencies will review and provide comments, if needed, prior to RI implementation.
Field Sampling Plan (FSP)	3/29/2024	TBD	Essential for the RI phase. Approval required prior to RI implementation
Reuse Assessment	3/29/2024	TBD	The project team agreed that finalizing this document is not essential prior to initiating the RI phase. The Agencies will review and provide comments, as applicable.

- A *Sampling and Analysis Plan* (SAP) was submitted to the USEPA on March 29, 2024, per Paragraph 4.5(a) of the Statement of Work (SOW). The USEPA requested revisions to the *SAP* in their July 3, 2024 comment letter; however, based on a follow-up discussion on August 14, 2024, the USEPA stated that a *SAP* is no longer required, as the *RI/FS Work Plan*, *FSP*, *DMP*, and *QAPP* will satisfy the substantive requirements of that document. The USEPA agreed to send Hercules a letter memorializing the agreement, which is outstanding as of the date of this report.
- Hercules is also awaiting comments or approval of the following documents submitted to the Agencies:
  - Draft fact sheet submitted on June 3, 2024. The document was provided to support sharing the results of the completed vapor intrusion investigation activities with the residents in the investigation area.
  - The *2023 Second Semiannual Consolidated Monitoring Report* submitted on June 7, 2024. The document summarized the results of the November 2023 sampling event, which included the semiannual monitoring programs for the Restrictive Use Agreed Order (RUAO), Area #1, Area #2, Area #3, Poly Pale™ Area, and Northeast Delineation in accordance with the agreement in the ASAOC, and requirements in the RUAO and RCRA Orders for the site
  - The *2024 First Semiannual Consolidated Monitoring Report* submitted on November 15, 2024. The document summarized the results of the May 2024 sampling event, which included the semiannual monitoring programs for the RUAO, Area #1, Area #2, Area #3, Poly Pale™ Area, and Northeast Delineation, as well as the annual scope for the Hattiesburg Formation in accordance with the agreement in the ASAOC, and requirements in the RUAO and RCRA Orders for the site.
  - The *2023 & 2024 Vapor Intrusion Investigation Summary Report* submitted on November 22, 2024. The document summarized the results of the vapor intrusion investigation activities conducted between May 2023 and September 2024, as requested by the USEPA.

Ms. Shelby Johnston and Mr. Maher Budeir
January 21, 2025

The Hercules team appreciates your support with this project. If there are any questions concerning this submittal, please contact the Project Coordinator, Ms. Chrissy Piechoski at 302-647-9798, or Mr. Corey Averill with Arcadis, at 315-671-9224.

Sincerely,

Arcadis U.S., Inc.

Corey Averill
Certified Project Manager

Email: Corey.Averill@arcadis.com
Direct Line: 315-671-9224

CC. Cassandra Johnson – MDEQ, Jackson, MS (electronic)
Thomas Wallace – MDEQ, Jackson, MS (electronic)
Chrissy Piechoski – Hercules, Wilmington, DE (electronic)
Timothy Hassett – Hercules, Wilmington, DE (electronic)
Gloria Tatum – Tatum & Associates, Jackson, MS (electronic)

Attachment A

Laboratory Analytical Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Timothy Hassett
Ashland LLC
Ashland Hercules Research Center
500 Hercules Rd Bldg 8145
Wilmington, Delaware 19808

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JOB DESCRIPTION

Hercules Hattiesburg, MS

JOB NUMBER

860-86517-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

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Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Definitions/Glossary

Client: Ashland LLC
Job ID: 860-86517-1
Project/Site: Hercules Hattiesburg, MS

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
B	Compound was found in the blank and sample.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

Job ID: 860-86517-1 — Eurofins Houston

Job Narrative
860-86517-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/7/2024 9:52 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.1°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 860-198805 recovered above the upper control limit for 2-Chloro-1,3-butadiene (22.5%) . The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-198805/2).

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-198805 recovered outside acceptance criteria, low biased, for Bromomethane, Chloromethane, Chloroethane and Iodomethane A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-198805 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8260D: The following samples were diluted due to the nature of the sample matrix: MW-66 (860-86517-7), MW-68 (860-86517-8) and MW-64 (860-86517-9). Elevated reporting limits (RLs) are provided.

Method 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 860-198805 recovered outside control limits for the following analytes: Vinyl acetate.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-67 (860-86517-5), MW-66 (860-86517-7), MW-68 (860-86517-8), MW-64 (860-86517-9) and (860-86517-C-7 MS). Elevated reporting limits (RLs) are provided.

Method 8260D: The matrix spike/matrix spike duplicate (MS/MSD) for analytical batch 860-199006 exceeded control limits for the following analyte(s):): Isobutyl alcohol and Methyl methacrylate, Note that this analyte is a known poor performer when analyzed using this method.

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-199006 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8260D: The following sample was diluted due to the nature of the sample matrix: DUP-03 (860-86517-10). Elevated reporting limits (RLs) are provided.

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 860-199006 recovered outside control limits for the following analytes: 1,4-Dioxane. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-199006 recovered above the upper control limit for 1,4-Dioxane (24.0%). The samples associated with this CCV were non-detects for the affected analytes; therefore, the

data have been reported. The associated sample is impacted: (CCVIS 860-199006/2).

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-199006 recovered outside acceptance criteria, low biased, for Acrolein (-34.4%) and Tetrahydrofuran (-33.1%). A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260D: The matrix spike (MS) recoveries for analytical batch 860-199129 were outside control limits. Sample matrix interference is suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria. (CCVIS 860-200208/2).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200208 recovered above the upper control limit for alpha, alpha-Dimethyl phenethylamine, 2-Toluidine, Pronamide, N-Nitrosopyrrolidine, N-Nitrosomorpholine and 3 & 4 Methylphenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted. (CCVIS 860-200208/2).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200208 recovered above the upper control limit for Dimethoate, Methyl parathion, Methapyrilene and Dinoseb. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted. (CCV 860-200208/3).

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-199353 recovered above the upper control limit for Phenacetin and N-Nitrosodi-n-propylamine. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-199353/2).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-199353 recovered above the upper control limit for Methapyrilene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-199353/3).

Method 8270E_QQQ: The method blank for preparation batch 860-199125 contained 2,2'-oxybis[1-chloropropane] above the method reporting limit (MDL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 8270E_QQQ: The laboratory control sample (LCS) for preparation batch 860-199125 and analytical batch 860-199353 recovered outside control limits for the following analytes: 2,2'-oxybis[1-chloropropane], Dimethyl phthalate, Aramite Peak 1 and 2,4-Dimethylphenol. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-199125 and analytical batch 860-199353 recovered outside control limits for the following analytes: alpha,alpha-Dimethyl phenethylamine, N-Nitrosodimethylamine, p-Phenylene diamine and Benzyl alcohol. alpha,alpha-Dimethyl phenethylamine, N-Nitrosodimethylamine and Benzyl alcohol has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for these analytes. These results have been reported and qualified.

Method 8270E_QQQ: The laboratory control sample duplicate (LCSD) for preparation batch 860-199125 and analytical batch 860-199353 recovered outside control limits for the following analytes: Aramite Peak 1 and 2,4-Dimethylphenol. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-199125 and analytical batch 860-199353 recovered outside control limits for the following analytes: Famphur, Ethyl Parathion, Dimethoate, Pronamide, Methyl parathion, Methapyrilene, Thionazin, Disulfoton, o,o',o"-Triethylphosphorothioate, Phorate and

Sulfotepp. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: The method blank for preparation batch 860-199125 and analytical batch 860-199353 contained Phenol above the method detection limit. This target analyte concentration was less than half the reporting limit (1/2RL) in the method blank; therefore, re-extraction and re-analysis of samples was not performed.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200999 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-200999/2).

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The surrogate recovery for the blank, laboratory control sample and laboratory control sample duplicate associated with preparation batch 860-200832 and analytical batch 860-200999 was outside the upper control limits.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The laboratory control sample and the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-200832 and analytical batch 860-200999 recovered outside control limits for multiple analytes. The associated sample(s) was re-prepared and re-analyzed outside holding time.

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-66 (860-86517-7), MW-68 (860-86517-8), MW-64 (860-86517-9) and DUP-03 (860-86517-10). These results have been reported and qualified.

Method 8270E_QQQ: The following samples were re-prepared outside of preparation holding time due to initial analysis LCS/LCSD recoveries outside control limits (biased high) and samples have hits.:MW-66 (860-86517-7), MW-68 (860-86517-8), MW-64 (860-86517-9) and DUP-03 (860-86517-10).

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-201887 recovered above the upper control limit for Phenol-d5 (Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-201887/2).

Method 8270E_QQQ: The surrogate recovery for the laboratory control sample associated with preparation batch 860-200832 and analytical batch 860-201887 was outside the upper control limits.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-201887 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-201887/3).

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-200832 and analytical batch 860-201887 recovered outside control limits for multiple analytes. The associated sample(s) was re-prepared and/or re-analyzed outside holding time.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-201873 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the

data have been reported. The associated sample is impacted: (CCVIS 860-201873/3).

Method 8270E_QQQ: The following sample was diluted to bring the concentration of target analytes within the calibration range: DUP-03 (860-86517-10). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: Reanalysis of the following sample(s) was performed outside of the analytical holding time due to Exceed calibration range. DUP-03 (860-86517-10).

Method 8270E_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-66 (860-86517-7), MW-68 (860-86517-8) and MW-64 (860-86517-9). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-67 (860-86517-5), MW-66 (860-86517-7) and MW-64 (860-86517-9). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-68 (860-86517-8) and DUP-03 (860-86517-10). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The following samples required a dilution due to the nature of the sample matrix: MW-68 (860-86517-8) and DUP-03 (860-86517-10). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-68 (860-86517-8) and DUP-03 (860-86517-10). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: MW-71 — Lab Sample ID: 860-86517-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-octyl phthalate	2.16		1.14	0.268	ug/L	1		8270E	Total/NA
Phenol	0.914	J B	2.85	0.447	ug/L	1		8270E	Total/NA
Diphenyl ether	0.332	J	0.570	0.0907	ug/L	1		8270E	Total/NA

Client Sample ID: MW-70 — Lab Sample ID: 860-86517-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.121	J	0.568	0.0935	ug/L	1		8270E	Total/NA
Diphenyl ether	0.0925	J I	0.568	0.0905	ug/L	1		8270E	Total/NA

Client Sample ID: RB-03 — Lab Sample ID: 860-86517-3

No Detections.

Client Sample ID: MW-65 — Lab Sample ID: 860-86517-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cumene (isopropylbenzene)	0.640	J	1.00	0.592	ug/L	1		8260D	Total/NA
Naphthalene	0.145	J	0.572	0.0946	ug/L	1		8270E	Total/NA

Client Sample ID: MW-67 — Lab Sample ID: 860-86517-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	3.02		1.00	0.417	ug/L	1		8260D	Total/NA
Cumene (isopropylbenzene)	21.2		1.00	0.592	ug/L	1		8260D	Total/NA
Cyclohexane	138		5.00	1.29	ug/L	1		8260D	Total/NA
Ethylbenzene	14.9		1.00	0.385	ug/L	1		8260D	Total/NA
Hexane	6.07		5.00	0.517	ug/L	1		8260D	Total/NA
Propylbenzene	31.0		1.00	0.429	ug/L	1		8260D	Total/NA
Toluene	3.76		1.00	0.475	ug/L	1		8260D	Total/NA
Xylenes, Total	27.0		10.0	1.24	ug/L	1		8260D	Total/NA
m,p-Xylenes	0.0242		0.0100	0.00124	mg/L	1		8260D	Total/NA
o-Xylene	0.00282		0.00100	0.000502	mg/L	1		8260D	Total/NA
Benzene - DL	135		5.00	2.30	ug/L	5		8260D	Total/NA
Acetophenone	2.30	I	1.14	0.622	ug/L	1		8270E	Total/NA
Diphenyl ether	0.465	J I	0.570	0.0907	ug/L	1		8270E	Total/NA
Naphthalene - DL	245		11.4	1.88	ug/L	20		8270E	Total/NA
2-Methylnaphthalene - RA	22.7		0.570	0.0601	ug/L	1		8270E	Total/NA
2-Toluidine - RA	0.739		0.570	0.305	ug/L	1		8270E	Total/NA

Client Sample ID: MW-72 — Lab Sample ID: 860-86517-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.346	J	0.569	0.0600	ug/L	1		8270E	Total/NA
Naphthalene	1.86		0.569	0.0940	ug/L	1		8270E	Total/NA

Client Sample ID: MW-66 — Lab Sample ID: 860-86517-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	221		5.00	2.09	ug/L	5		8260D	Total/NA
1,3,5-Trimethylbenzene	68.0		5.00	2.06	ug/L	5		8260D	Total/NA
Cumene (isopropylbenzene)	26.9		5.00	2.96	ug/L	5		8260D	Total/NA
Cyclohexane	231		25.0	6.43	ug/L	5		8260D	Total/NA
Ethylbenzene	361		5.00	1.93	ug/L	5		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-66 (Continued) — Lab Sample ID: 860-86517-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Hexane	34.7		25.0	2.59	ug/L	5		8260D	Total/NA
Propylbenzene	36.5		5.00	2.15	ug/L	5		8260D	Total/NA
Toluene	46.3		5.00	2.38	ug/L	5		8260D	Total/NA
Xylenes, Total	479		50.0	6.20	ug/L	5		8260D	Total/NA
m,p-Xylenes	0.456		0.0500	0.00620	mg/L	5		8260D	Total/NA
o-Xylene	0.0227		0.00500	0.00251	mg/L	5		8260D	Total/NA
Benzene - DL	1800		50.0	23.0	ug/L	50		8260D	Total/NA
2,4-Dimethylphenol	1.37	*+	0.571	0.192	ug/L	1		8270E	Total/NA
2-Methylphenol	0.452	J	0.571	0.105	ug/L	1		8270E	Total/NA
Isophorone	0.462	J I	0.571	0.106	ug/L	1		8270E	Total/NA
Acetophenone	7.02	I	1.14	0.623	ug/L	1		8270E	Total/NA
Diphenyl ether	0.712	I	0.571	0.0909	ug/L	1		8270E	Total/NA
1,1'-Biphenyl	0.231	J	0.571	0.0980	ug/L	1		8270E	Total/NA
2,6-Dichlorophenol	0.205	J	0.571	0.118	ug/L	1		8270E	Total/NA
2-Toluidine	1.03		0.571	0.306	ug/L	1		8270E	Total/NA
2-Methylnaphthalene - DL	51.2		11.4	1.20	ug/L	20		8270E	Total/NA
Naphthalene - DL	306		11.4	1.89	ug/L	20		8270E	Total/NA
Pyridine - RA	13.1	I	2.85	1.44	ug/L	1		8270E	Total/NA
2,2'-oxybis[1-chloropropane] - RE	3.52	H I	2.84	1.42	ug/L	1		8270E	Total/NA
2,4-Dimethylphenol - RE	1.59	H *+	0.568	0.191	ug/L	1		8270E	Total/NA
2-Methylphenol - RE	0.498	J H	0.568	0.104	ug/L	1		8270E	Total/NA
4,6-Dinitro-2-methylphenol - RE	0.373	J H I	1.14	0.200	ug/L	1		8270E	Total/NA
Acetophenone - RE	8.23	H I *+	1.14	0.620	ug/L	1		8270E	Total/NA
Diphenyl ether - RE	0.826	H I	0.568	0.0905	ug/L	1		8270E	Total/NA
1,1'-Biphenyl - RE	0.251	J H	0.568	0.0976	ug/L	1		8270E	Total/NA
1-Naphthylamine - RE	0.288	J H I	0.568	0.148	ug/L	1		8270E	Total/NA
2,6-Dichlorophenol - RE	0.233	J H	0.568	0.117	ug/L	1		8270E	Total/NA
N-Nitrosodimethylamine - RE	0.156	J H *-	0.568	0.0994	ug/L	1		8270E	Total/NA
2-Methylnaphthalene - REDL	42.3	H	11.4	1.20	ug/L	20		8270E	Total/NA
Naphthalene - REDL	266	H	11.4	1.88	ug/L	20		8270E	Total/NA

Client Sample ID: MW-68 — Lab Sample ID: 860-86517-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	152		5.00	2.09	ug/L	5		8260D	Total/NA
1,3,5-Trimethylbenzene	60.7		5.00	2.06	ug/L	5		8260D	Total/NA
Cumene (isopropylbenzene)	34.5		5.00	2.96	ug/L	5		8260D	Total/NA
Cyclohexane	303		25.0	6.43	ug/L	5		8260D	Total/NA
Ethylbenzene	500		5.00	1.93	ug/L	5		8260D	Total/NA
Hexane	11.4	J	25.0	2.59	ug/L	5		8260D	Total/NA
Methacrylonitrile	692		50.0	13.6	ug/L	5		8260D	Total/NA
Propylbenzene	51.6		5.00	2.15	ug/L	5		8260D	Total/NA
Toluene	29.9		5.00	2.38	ug/L	5		8260D	Total/NA
Xylenes, Total	638		50.0	6.20	ug/L	5		8260D	Total/NA
m,p-Xylenes	0.625		0.0500	0.00620	mg/L	5		8260D	Total/NA
o-Xylene	0.0132		0.00500	0.00251	mg/L	5		8260D	Total/NA
Benzene - DL	1400		50.0	23.0	ug/L	50		8260D	Total/NA
2,4-Dimethylphenol	2.90		0.576	0.194	ug/L	1		8270E	Total/NA
Phenol	1.21	J I B	2.88	0.452	ug/L	1		8270E	Total/NA
Acetophenone	8.63	I	1.15	0.629	ug/L	1		8270E	Total/NA
1,1'-Biphenyl	0.229	J	0.576	0.0990	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-68 (Continued)

Lab Sample ID: 860-86517-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene - DL	84.6		11.5	1.22	ug/L	20		8270E	Total/NA
Naphthalene - DL2	551		57.6	9.53	ug/L	100		8270E	Total/NA
2,2'-oxybis[1-chloropropane] - RE	1.95	J H I	2.82	1.41	ug/L	1		8270E	Total/NA
2,4-Dimethylphenol - RE	3.31	H *+	0.564	0.190	ug/L	1		8270E	Total/NA
Phenol - RE	1.75	J H I *1	2.82	0.442	ug/L	1		8270E	Total/NA
Acetophenone - RE	13.3	H I *+	1.13	0.616	ug/L	1		8270E	Total/NA
Diphenyl ether - RE	1.16	H I	0.564	0.0898	ug/L	1		8270E	Total/NA
1,1'-Biphenyl - RE	0.237	J H	0.564	0.0969	ug/L	1		8270E	Total/NA
2-Methylnaphthalene - REDL	80.6	H	11.3	1.19	ug/L	20		8270E	Total/NA

Client Sample ID: MW-64

Lab Sample ID: 860-86517-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	6.24		5.00	2.09	ug/L	5		8260D	Total/NA
1,3,5-Trimethylbenzene	7.16		5.00	2.06	ug/L	5		8260D	Total/NA
Cumene (isopropylbenzene)	42.6		5.00	2.96	ug/L	5		8260D	Total/NA
Cyclohexane	305		25.0	6.43	ug/L	5		8260D	Total/NA
Ethylbenzene	149		5.00	1.93	ug/L	5		8260D	Total/NA
Methacrylonitrile	1000		50.0	13.6	ug/L	5		8260D	Total/NA
Propylbenzene	64.0		5.00	2.15	ug/L	5		8260D	Total/NA
Toluene	40.6		5.00	2.38	ug/L	5		8260D	Total/NA
Xylenes, Total	91.7		50.0	6.20	ug/L	5		8260D	Total/NA
m,p-Xylenes	0.0835		0.0500	0.00620	mg/L	5		8260D	Total/NA
o-Xylene	0.00820		0.00500	0.00251	mg/L	5		8260D	Total/NA
Benzene - DL	1790		50.0	23.0	ug/L	50		8260D	Total/NA
2,4-Dimethylphenol	2.38	*+	0.570	0.192	ug/L	1		8270E	Total/NA
Phenol	2.72	J B	2.85	0.447	ug/L	1		8270E	Total/NA
Acetophenone	14.0	I	1.14	0.622	ug/L	1		8270E	Total/NA
Diphenyl ether	1.06	I	0.570	0.0907	ug/L	1		8270E	Total/NA
1-Naphthylamine	4.85	I	0.570	0.148	ug/L	1		8270E	Total/NA
2-Methylnaphthalene - DL	66.9		11.4	1.20	ug/L	20		8270E	Total/NA
Naphthalene - DL	449		11.4	1.88	ug/L	20		8270E	Total/NA
2-Toluidine - RA	0.346	J	0.570	0.305	ug/L	1		8270E	Total/NA
2,4-Dimethylphenol - RE	2.66	H *+	0.570	0.192	ug/L	1		8270E	Total/NA
2,4-Dinitrophenol - RE	0.598	J H	2.85	0.104	ug/L	1		8270E	Total/NA
Phenol - RE	6.40	H *1	2.85	0.447	ug/L	1		8270E	Total/NA
Acetophenone - RE	17.8	H I *+	1.14	0.622	ug/L	1		8270E	Total/NA
Diphenyl ether - RE	1.17	H I	0.570	0.0907	ug/L	1		8270E	Total/NA
1,1'-Biphenyl - RE	0.103	J H	0.570	0.0979	ug/L	1		8270E	Total/NA
2-Methylnaphthalene - REDL	57.0	H	11.4	1.20	ug/L	20		8270E	Total/NA
Naphthalene - REDL	377	H	11.4	1.88	ug/L	20		8270E	Total/NA

Client Sample ID: DUP-03

Lab Sample ID: 860-86517-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	196		10.0	4.17	ug/L	10		8260D	Total/NA
1,3,5-Trimethylbenzene	61.4		10.0	4.11	ug/L	10		8260D	Total/NA
Cumene (isopropylbenzene)	19.6		10.0	5.92	ug/L	10		8260D	Total/NA
Cyclohexane	251		50.0	12.9	ug/L	10		8260D	Total/NA
Ethylbenzene	328		10.0	3.85	ug/L	10		8260D	Total/NA
Hexane	46.5	J	50.0	5.17	ug/L	10		8260D	Total/NA
Propylbenzene	32.1		10.0	4.29	ug/L	10		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-03 (Continued)
Lab Sample ID: 860-86517-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	35.8		10.0	4.75	ug/L	10		8260D	Total/NA
Xylenes, Total	479		100	12.4	ug/L	10		8260D	Total/NA
m,p-Xylenes	0.461		0.100	0.0124	mg/L	10		8260D	Total/NA
o-Xylene	0.0177		0.0100	0.00502	mg/L	10		8260D	Total/NA
Benzene - DL	2100		50.0	23.0	ug/L	50		8260D	Total/NA
2,4-Dimethylphenol	1.35	*+	0.568	0.191	ug/L	1		8270E	Total/NA
2-Methylphenol	0.421	J	0.568	0.104	ug/L	1		8270E	Total/NA
Isophorone	0.368	J	0.568	0.106	ug/L	1		8270E	Total/NA
Phenol	0.512	J I B	2.84	0.446	ug/L	1		8270E	Total/NA
Acetophenone	5.35	I	1.14	0.620	ug/L	1		8270E	Total/NA
Diphenyl ether	0.682	I	0.568	0.0905	ug/L	1		8270E	Total/NA
1,1'-Biphenyl	0.238	J	0.568	0.0976	ug/L	1		8270E	Total/NA
2,6-Dichlorophenol	0.219	J	0.568	0.117	ug/L	1		8270E	Total/NA
2-Methylnaphthalene - DL	43.9		5.68	0.599	ug/L	10		8270E	Total/NA
Naphthalene - DL2	290		28.4	4.70	ug/L	50		8270E	Total/NA
2,4-Dimethylphenol - RE	1.31	H *+	0.571	0.192	ug/L	1		8270E	Total/NA
2-Methylphenol - RE	0.490	J H	0.571	0.105	ug/L	1		8270E	Total/NA
Nitrobenzene - RE	4.93	H I	0.571	0.0736	ug/L	1		8270E	Total/NA
Acetophenone - RE	5.82	H I *+	1.14	0.624	ug/L	1		8270E	Total/NA
Diphenyl ether - RE	0.631	H I	0.571	0.0910	ug/L	1		8270E	Total/NA
1,1'-Biphenyl - RE	0.181	J H	0.571	0.0981	ug/L	1		8270E	Total/NA
2,6-Dichlorophenol - RE	0.192	J H	0.571	0.118	ug/L	1		8270E	Total/NA
2-Methylnaphthalene - REDL	16.7	H	5.71	0.603	ug/L	10		8270E	Total/NA
Naphthalene - REDL	103	H	5.71	0.944	ug/L	10		8270E	Total/NA

Client Sample ID: MW-69
Lab Sample ID: 860-86517-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cumene (isopropylbenzene)	1.32		1.00	0.592	ug/L	1		8260D	Total/NA
Propylbenzene	0.674	J	1.00	0.429	ug/L	1		8260D	Total/NA
2-Methylnaphthalene	0.842		0.571	0.0603	ug/L	1		8270E	Total/NA
Acenaphthene	0.117	J	0.571	0.107	ug/L	1		8270E	Total/NA
Naphthalene	3.11		0.571	0.0944	ug/L	1		8270E	Total/NA
Diphenyl ether	0.157	J I	0.571	0.0910	ug/L	1		8270E	Total/NA

Client Sample ID: FB-03
Lab Sample ID: 860-86517-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	12.3	J	100	3.07	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-71

Date Collected: 11/05/24 11:00
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-1

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/10/24 06:29	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/10/24 06:29	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/10/24 06:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/10/24 06:29	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/10/24 06:29	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/10/24 06:29	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/10/24 06:29	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/10/24 06:29	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/10/24 06:29	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/10/24 06:29	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/10/24 06:29	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/10/24 06:29	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/10/24 06:29	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/10/24 06:29	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/10/24 06:29	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/10/24 06:29	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/10/24 06:29	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/10/24 06:29	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/10/24 06:29	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/10/24 06:29	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/10/24 06:29	1
Acetone	<3.07	U	100	3.07	ug/L			11/10/24 06:29	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/10/24 06:29	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/10/24 06:29	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/10/24 06:29	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/10/24 06:29	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/10/24 06:29	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/10/24 06:29	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/10/24 06:29	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/10/24 06:29	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/10/24 06:29	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/10/24 06:29	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/10/24 06:29	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/10/24 06:29	1
Chloroethane	<1.98	U F1	10.0	1.98	ug/L			11/10/24 06:29	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/10/24 06:29	1
Chloromethane	<2.04	U F1	10.0	2.04	ug/L			11/10/24 06:29	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/10/24 06:29	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/10/24 06:29	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/10/24 06:29	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/10/24 06:29	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/10/24 06:29	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/10/24 06:29	1
Dichlorodifluoromethane	<0.785	U F1	1.00	0.785	ug/L			11/10/24 06:29	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/10/24 06:29	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/10/24 06:29	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/10/24 06:29	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/10/24 06:29	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/10/24 06:29	1

Client Sample ID: MW-71
Date Collected: 11/05/24 11:00
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/10/24 06:29	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/10/24 06:29	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/10/24 06:29	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/10/24 06:29	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/10/24 06:29	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/10/24 06:29	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/10/24 06:29	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/10/24 06:29	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/10/24 06:29	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/10/24 06:29	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/10/24 06:29	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/10/24 06:29	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/10/24 06:29	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/10/24 06:29	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/10/24 06:29	1
Vinyl acetate	<2.14	U *1	20.0	2.14	ug/L			11/10/24 06:29	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/10/24 06:29	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/10/24 06:29	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/10/24 06:29	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/10/24 06:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 144*		*11/10/24 06:29*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*11/10/24 06:29*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 131*		*11/10/24 06:29*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/10/24 06:29*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0764	U	0.570	0.0764	ug/L		11/12/24 06:44	11/17/24 19:25	1
1,2-Dichlorobenzene	<0.0938	U	0.570	0.0938	ug/L		11/12/24 06:44	11/17/24 19:25	1
1,3-Dichlorobenzene	<0.101	U	0.570	0.101	ug/L		11/12/24 06:44	11/17/24 19:25	1
1,4-Dichlorobenzene	<0.0777	U	0.570	0.0777	ug/L		11/12/24 06:44	11/17/24 19:25	1
2,2'-oxybis[1-chloropropane]	<1.42	U *+	2.85	1.42	ug/L		11/12/24 06:44	11/17/24 19:25	1
2,4,5-Trichlorophenol	<0.143	U	0.570	0.143	ug/L		11/12/24 06:44	11/17/24 19:25	1
2,4,6-Trichlorophenol	<0.230	U	0.570	0.230	ug/L		11/12/24 06:44	11/17/24 19:25	1
2,4-Dichlorophenol	<0.140	U	0.570	0.140	ug/L		11/12/24 06:44	11/17/24 19:25	1
2,4-Dimethylphenol	<0.192	U *+	0.570	0.192	ug/L		11/12/24 06:44	11/17/24 19:25	1
1,4-Dioxane	<0.0887	U	0.570	0.0887	ug/L		11/12/24 06:44	11/17/24 19:25	1
2,4-Dinitrophenol	<0.104	U	2.85	0.104	ug/L		11/12/24 06:44	11/17/24 19:25	1
2,4-Dinitrotoluene	<0.204	U	0.570	0.204	ug/L		11/12/24 06:44	11/17/24 19:25	1
2,6-Dinitrotoluene	<0.116	U	0.570	0.116	ug/L		11/12/24 06:44	11/17/24 19:25	1
2-Chloronaphthalene	<0.377	U	0.570	0.377	ug/L		11/12/24 06:44	11/17/24 19:25	1
2-Methylnaphthalene	<0.0601	U	0.570	0.0601	ug/L		11/12/24 06:44	11/17/24 19:25	1
2-Methylphenol	<0.104	U	0.570	0.104	ug/L		11/12/24 06:44	11/17/24 19:25	1
2-Nitroaniline	<0.149	U	0.570	0.149	ug/L		11/12/24 06:44	11/17/24 19:25	1
2-Nitrophenol	<0.136	U	0.570	0.136	ug/L		11/12/24 06:44	11/17/24 19:25	1
3 & 4 Methylphenol	<0.138	U	0.570	0.138	ug/L		11/12/24 06:44	11/17/24 19:25	1
3-Nitroaniline	<0.0850	U	0.570	0.0850	ug/L		11/12/24 06:44	11/17/24 19:25	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/12/24 06:44	11/17/24 19:25	1

Client Sample ID: MW-71
Date Collected: 11/05/24 11:00
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	<0.100	U	0.570	0.100	ug/L		11/12/24 06:44	11/17/24 19:25	1
4-Chloro-3-methylphenol	<0.103	U	0.570	0.103	ug/L		11/12/24 06:44	11/17/24 19:25	1
4-Chloroaniline	<0.0384	U	0.570	0.0384	ug/L		11/12/24 06:44	11/17/24 19:25	1
4-Chlorophenyl phenyl ether	<0.130	U	0.570	0.130	ug/L		11/12/24 06:44	11/17/24 19:25	1
4-Nitroaniline	<0.108	U	0.570	0.108	ug/L		11/12/24 06:44	11/17/24 19:25	1
Acenaphthene	<0.107	U	0.570	0.107	ug/L		11/12/24 06:44	11/17/24 19:25	1
Acenaphthylene	<0.0994	U	0.570	0.0994	ug/L		11/12/24 06:44	11/17/24 19:25	1
Aniline	<0.0578	U	0.570	0.0578	ug/L		11/12/24 06:44	11/17/24 19:25	1
Anthracene	<0.0935	U	0.570	0.0935	ug/L		11/12/24 06:44	11/17/24 19:25	1
Benzo[a]anthracene	<0.0285	U	0.0285	0.0285	ug/L		11/12/24 06:44	11/17/24 19:25	1
Benzo[a]pyrene	<0.0299	U	0.0570	0.0299	ug/L		11/12/24 06:44	11/17/24 19:25	1
Benzo[b]fluoranthene	<0.0662	U	0.570	0.0662	ug/L		11/12/24 06:44	11/17/24 19:25	1
Benzo[g,h,i]perylene	<0.0344	U	0.570	0.0344	ug/L		11/12/24 06:44	11/17/24 19:25	1
Benzo[k]fluoranthene	<0.0471	U	0.570	0.0471	ug/L		11/12/24 06:44	11/17/24 19:25	1
Benzyl alcohol	<0.598	U *-	1.14	0.598	ug/L		11/12/24 06:44	11/17/24 19:25	1
Bis(2-chloroethoxy)methane	<0.0972	U	0.570	0.0972	ug/L		11/12/24 06:44	11/17/24 19:25	1
Bis(2-chloroethyl)ether	<0.214	U	0.570	0.214	ug/L		11/12/24 06:44	11/17/24 19:25	1
Bis(2-ethylhexyl) phthalate	<0.897	U	1.14	0.897	ug/L		11/12/24 06:44	11/17/24 19:25	1
Butyl benzyl phthalate	<0.499	U	1.14	0.499	ug/L		11/12/24 06:44	11/17/24 19:25	1
Chrysene	<0.0813	U	0.570	0.0813	ug/L		11/12/24 06:44	11/17/24 19:25	1
Dibenz(a,h)anthracene	<0.0507	U	0.114	0.0507	ug/L		11/12/24 06:44	11/17/24 19:25	1
Dibenzofuran	<0.106	U	0.570	0.106	ug/L		11/12/24 06:44	11/17/24 19:25	1
Diethyl phthalate	<0.154	U	1.14	0.154	ug/L		11/12/24 06:44	11/17/24 19:25	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/12/24 06:44	11/17/24 19:25	1
Di-n-butyl phthalate	<0.763	U	1.14	0.763	ug/L		11/12/24 06:44	11/17/24 19:25	1
Di-n-octyl phthalate	**2.16**		1.14	0.268	ug/L		11/12/24 06:44	11/17/24 19:25	1
Fluoranthene	<0.0881	U	0.570	0.0881	ug/L		11/12/24 06:44	11/17/24 19:25	1
Fluorene	<0.0945	U	0.570	0.0945	ug/L		11/12/24 06:44	11/17/24 19:25	1
Hexachlorobenzene	<0.0972	U	0.570	0.0972	ug/L		11/12/24 06:44	11/17/24 19:25	1
Hexachlorobutadiene	<0.102	U	0.570	0.102	ug/L		11/12/24 06:44	11/17/24 19:25	1
Hexachlorocyclopentadiene	<0.0511	U	0.570	0.0511	ug/L		11/12/24 06:44	11/17/24 19:25	1
Hexachloroethane	<0.102	U	0.570	0.102	ug/L		11/12/24 06:44	11/17/24 19:25	1
Indeno[1,2,3-cd]pyrene	<0.0997	U	0.570	0.0997	ug/L		11/12/24 06:44	11/17/24 19:25	1
Isophorone	<0.106	U	0.570	0.106	ug/L		11/12/24 06:44	11/17/24 19:25	1
Naphthalene	<0.0942	U	0.570	0.0942	ug/L		11/12/24 06:44	11/17/24 19:25	1
Nitrobenzene	<0.0734	U	0.570	0.0734	ug/L		11/12/24 06:44	11/17/24 19:25	1
N-Nitrosodi-n-propylamine	<0.118	U	0.570	0.118	ug/L		11/12/24 06:44	11/17/24 19:25	1
N-Nitrosodiphenylamine	<0.144	U	0.570	0.144	ug/L		11/12/24 06:44	11/17/24 19:25	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/12/24 06:44	11/17/24 19:25	1
Phenanthrene	<0.134	U	0.570	0.134	ug/L		11/12/24 06:44	11/17/24 19:25	1
Phenol	**0.914**	**J B**	2.85	0.447	ug/L		11/12/24 06:44	11/17/24 19:25	1
Pyrene	<0.0846	U	0.570	0.0846	ug/L		11/12/24 06:44	11/17/24 19:25	1
Pyridine	<1.43	U	2.85	1.43	ug/L		11/12/24 06:44	11/17/24 19:25	1
N-Nitro-o-toluidine	<0.519	U	1.14	0.519	ug/L		11/12/24 06:44	11/17/24 19:25	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.570	0.210	ug/L		11/12/24 06:44	11/17/24 19:25	1
Acetophenone	<0.622	U	1.14	0.622	ug/L		11/12/24 06:44	11/17/24 19:25	1
N-Nitrosopiperidine	<0.466	U	1.14	0.466	ug/L		11/12/24 06:44	11/17/24 19:25	1
Pentachlorobenzene	<0.265	U	0.570	0.265	ug/L		11/12/24 06:44	11/17/24 19:25	1
Diphenyl ether	**0.332**	**J**	0.570	0.0907	ug/L		11/12/24 06:44	11/17/24 19:25	1

Client Sample ID: MW-71
Date Collected: 11/05/24 11:00
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.0979	U	0.570	0.0979	ug/L		11/12/24 06:44	11/17/24 19:25	1
4-Aminobiphenyl	<0.393	U	0.570	0.393	ug/L		11/12/24 06:44	11/17/24 19:25	1
1,2,4,5-Tetrachlorobenzene	<0.0955	U	0.570	0.0955	ug/L		11/12/24 06:44	11/17/24 19:25	1
1,3,5-Trinitrobenzene	<0.118	U	0.570	0.118	ug/L		11/12/24 06:44	11/17/24 19:25	1
1,3-Dinitrobenzene	<0.0771	U	0.570	0.0771	ug/L		11/12/24 06:44	11/17/24 19:25	1
1,4-Naphthoquinone	<0.313	U	0.570	0.313	ug/L		11/12/24 06:44	11/17/24 19:25	1
1-Naphthylamine	<0.148	U	0.570	0.148	ug/L		11/12/24 06:44	11/17/24 19:25	1
2,6-Dichlorophenol	<0.118	U	0.570	0.118	ug/L		11/12/24 06:44	11/17/24 19:25	1
2-Acetylaminofluorene	<1.26	U *+	2.85	1.26	ug/L		11/12/24 06:44	11/17/24 19:25	1
2-Chlorophenol	<0.0754	U	0.570	0.0754	ug/L		11/12/24 06:44	11/17/24 19:25	1
2-Naphthylamine	<0.287	U	0.570	0.287	ug/L		11/12/24 06:44	11/17/24 19:25	1
2-Picoline	<0.122	U	0.570	0.122	ug/L		11/12/24 06:44	11/17/24 19:25	1
2-Toluidine	<0.305	U	0.570	0.305	ug/L		11/12/24 06:44	11/17/24 19:25	1
3,3'-Dichlorobenzidine	<0.183	U	0.570	0.183	ug/L		11/12/24 06:44	11/17/24 19:25	1
3,3'-Dimethylbenzidine	<0.141	U	0.570	0.141	ug/L		11/12/24 06:44	11/17/24 19:25	1
3-Methylcholanthrene	<0.104	U	0.570	0.104	ug/L		11/12/24 06:44	11/17/24 19:25	1
4-Nitroquinoline-1-oxide	<0.728	U	1.14	0.728	ug/L		11/12/24 06:44	11/17/24 19:25	1
7,12-Dimethylbenz(a)anthracene	<0.240	U	0.570	0.240	ug/L		11/12/24 06:44	11/17/24 19:25	1
alpha,alpha-Dimethyl phenethylamine	<3.66	U *- *1	5.70	3.66	ug/L		11/12/24 06:44	11/17/24 19:25	1
Aramite Peak 1	<0.0783	U *+	0.570	0.0783	ug/L		11/12/24 06:44	11/17/24 19:25	1
Aramite Peak 2	<0.0951	U	0.570	0.0951	ug/L		11/12/24 06:44	11/17/24 19:25	1
Aramite, Total	<0.0951	U	0.570	0.0951	ug/L		11/12/24 06:44	11/17/24 19:25	1
Diallate	<0.0832	U	0.570	0.0832	ug/L		11/12/24 06:44	11/17/24 19:25	1
Diallate Peak 1	<0.0832	U	0.570	0.0832	ug/L		11/12/24 06:44	11/17/24 19:25	1
Diallate Peak 2	<0.0384	U	0.570	0.0384	ug/L		11/12/24 06:44	11/17/24 19:25	1
Dimethoate	<0.121	U *+	0.570	0.121	ug/L		11/12/24 06:44	11/17/24 19:25	1
Dinoseb	<0.568	U *+	2.85	0.568	ug/L		11/12/24 06:44	11/17/24 19:25	1
Disulfoton	<0.202	U *+	0.570	0.202	ug/L		11/12/24 06:44	11/17/24 19:25	1
Ethyl methanesulfonate	<0.226	U	0.570	0.226	ug/L		11/12/24 06:44	11/17/24 19:25	1
Ethyl Parathion	<0.0501	U *+	0.228	0.0501	ug/L		11/12/24 06:44	11/17/24 19:25	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/12/24 06:44	11/17/24 19:25	1
Hexachloropropene	<0.299	U *-	0.570	0.299	ug/L		11/12/24 06:44	11/17/24 19:25	1
Isosafrole	<0.240	U	0.570	0.240	ug/L		11/12/24 06:44	11/17/24 19:25	1
Isosafrole Peak 1	<0.0462	U	0.570	0.0462	ug/L		11/12/24 06:44	11/17/24 19:25	1
Isosafrole Peak 2	<0.240	U	0.570	0.240	ug/L		11/12/24 06:44	11/17/24 19:25	1
Methapyrilene	<0.997	U *+	2.28	0.997	ug/L		11/12/24 06:44	11/17/24 19:25	1
Methyl methanesulfonate	<0.120	U	0.570	0.120	ug/L		11/12/24 06:44	11/17/24 19:25	1
Methyl parathion	<0.318	U *+	0.570	0.318	ug/L		11/12/24 06:44	11/17/24 19:25	1
N-Nitrosodiethylamine	<0.537	U	1.14	0.537	ug/L		11/12/24 06:44	11/17/24 19:25	1
N-Nitrosodimethylamine	<0.0997	U *-	0.570	0.0997	ug/L		11/12/24 06:44	11/17/24 19:25	1
N-Nitrosodi-n-butylamine	<0.514	U	1.14	0.514	ug/L		11/12/24 06:44	11/17/24 19:25	1
N-Nitrosomethylethylamine	<0.293	U	0.570	0.293	ug/L		11/12/24 06:44	11/17/24 19:25	1
N-Nitrosomorpholine	<0.220	U	0.570	0.220	ug/L		11/12/24 06:44	11/17/24 19:25	1
N-Nitrosopyrrolidine	<0.267	U *- *1	0.570	0.267	ug/L		11/12/24 06:44	11/17/24 19:25	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.570	0.138	ug/L		11/12/24 06:44	11/17/24 19:25	1
p-Dimethylamino azobenzene	<0.0237	U *+	0.570	0.0237	ug/L		11/12/24 06:44	11/17/24 19:25	1
Pentachloronitrobenzene	<0.0997	U	0.570	0.0997	ug/L		11/12/24 06:44	11/17/24 19:25	1
Phenacetin	<0.0997	U	0.570	0.0997	ug/L		11/12/24 06:44	11/17/24 19:25	1
Phorate	<0.221	U *+	0.570	0.221	ug/L		11/12/24 06:44	11/17/24 19:25	1

Client Sample ID: MW-71

Date Collected: 11/05/24 11:00
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Phenylene diamine	<0.499	U *- *1	1.14	0.499	ug/L		11/12/24 06:44	11/17/24 19:25	1
Pronamide	<0.0997	U *+	0.570	0.0997	ug/L		11/12/24 06:44	11/17/24 19:25	1
Safrole, Total	<0.0569	U	0.570	0.0569	ug/L		11/12/24 06:44	11/17/24 19:25	1
Sulfotepp	<0.146	U *+	0.570	0.146	ug/L		11/12/24 06:44	11/17/24 19:25	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/12/24 06:44	11/17/24 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*35 - 130*	*11/12/24 06:44*	*11/17/24 19:25*	*1*
2-Fluorobiphenyl	*74*		*43 - 130*	*11/12/24 06:44*	*11/17/24 19:25*	*1*
2-Fluorophenol (Surr)	*59*		*19 - 120*	*11/12/24 06:44*	*11/17/24 19:25*	*1*
Nitrobenzene-d5 (Surr)	*87*		*37 - 133*	*11/12/24 06:44*	*11/17/24 19:25*	*1*
Phenol-d5 (Surr)	*37*		*8 - 124*	*11/12/24 06:44*	*11/17/24 19:25*	*1*
p-Terphenyl-d14	*79*		*47 - 130*	*11/12/24 06:44*	*11/17/24 19:25*	*1*

Client Sample ID: MW-70

Date Collected: 11/05/24 11:21
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/10/24 06:52	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/10/24 06:52	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/10/24 06:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/10/24 06:52	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/10/24 06:52	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/10/24 06:52	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/10/24 06:52	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/10/24 06:52	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/10/24 06:52	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/10/24 06:52	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/10/24 06:52	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/10/24 06:52	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/10/24 06:52	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/10/24 06:52	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/10/24 06:52	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/10/24 06:52	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/10/24 06:52	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/10/24 06:52	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/10/24 06:52	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/10/24 06:52	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/10/24 06:52	1
Acetone	<3.07	U	100	3.07	ug/L			11/10/24 06:52	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/10/24 06:52	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/10/24 06:52	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/10/24 06:52	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/10/24 06:52	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/10/24 06:52	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/10/24 06:52	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/10/24 06:52	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/10/24 06:52	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: MW-70
Date Collected: 11/05/24 11:21
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/10/24 06:52	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/10/24 06:52	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/10/24 06:52	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/10/24 06:52	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/10/24 06:52	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/10/24 06:52	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/10/24 06:52	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/10/24 06:52	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/10/24 06:52	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/10/24 06:52	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/10/24 06:52	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/10/24 06:52	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/10/24 06:52	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/10/24 06:52	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/10/24 06:52	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/10/24 06:52	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/10/24 06:52	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/10/24 06:52	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/10/24 06:52	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/10/24 06:52	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/10/24 06:52	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/10/24 06:52	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/10/24 06:52	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/10/24 06:52	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/10/24 06:52	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/10/24 06:52	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/10/24 06:52	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/10/24 06:52	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/10/24 06:52	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/10/24 06:52	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/10/24 06:52	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/10/24 06:52	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/10/24 06:52	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/10/24 06:52	1
Vinyl acetate	<2.14	U *1	20.0	2.14	ug/L			11/10/24 06:52	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/10/24 06:52	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/10/24 06:52	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/10/24 06:52	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/10/24 06:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*63 - 144*		*11/10/24 06:52*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*11/10/24 06:52*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*11/10/24 06:52*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/10/24 06:52*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0762	U	0.568	0.0762	ug/L		11/12/24 06:44	11/17/24 19:55	1
1,2-Dichlorobenzene	**0.121**	**J**	0.568	0.0935	ug/L		11/12/24 06:44	11/17/24 19:55	1

Client Sample ID: MW-70
Date Collected: 11/05/24 11:21
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<0.101	U	0.568	0.101	ug/L		11/12/24 06:44	11/17/24 19:55	1
1,4-Dichlorobenzene	<0.0775	U	0.568	0.0775	ug/L		11/12/24 06:44	11/17/24 19:55	1
2,2'-oxybis[1-chloropropane]	<1.42	U *+	2.84	1.42	ug/L		11/12/24 06:44	11/17/24 19:55	1
2,4,5-Trichlorophenol	<0.142	U	0.568	0.142	ug/L		11/12/24 06:44	11/17/24 19:55	1
2,4,6-Trichlorophenol	<0.229	U	0.568	0.229	ug/L		11/12/24 06:44	11/17/24 19:55	1
2,4-Dichlorophenol	<0.139	U	0.568	0.139	ug/L		11/12/24 06:44	11/17/24 19:55	1
2,4-Dimethylphenol	<0.191	U *+	0.568	0.191	ug/L		11/12/24 06:44	11/17/24 19:55	1
1,4-Dioxane	<0.0885	U	0.568	0.0885	ug/L		11/12/24 06:44	11/17/24 19:55	1
2,4-Dinitrophenol	<0.104	U	2.84	0.104	ug/L		11/12/24 06:44	11/17/24 19:55	1
2,4-Dinitrotoluene	<0.203	U	0.568	0.203	ug/L		11/12/24 06:44	11/17/24 19:55	1
2,6-Dinitrotoluene	<0.116	U	0.568	0.116	ug/L		11/12/24 06:44	11/17/24 19:55	1
2-Chloronaphthalene	<0.376	U	0.568	0.376	ug/L		11/12/24 06:44	11/17/24 19:55	1
2-Methylnaphthalene	<0.0599	U	0.568	0.0599	ug/L		11/12/24 06:44	11/17/24 19:55	1
2-Methylphenol	<0.104	U	0.568	0.104	ug/L		11/12/24 06:44	11/17/24 19:55	1
2-Nitroaniline	<0.148	U	0.568	0.148	ug/L		11/12/24 06:44	11/17/24 19:55	1
2-Nitrophenol	<0.135	U	0.568	0.135	ug/L		11/12/24 06:44	11/17/24 19:55	1
3 & 4 Methylphenol	<0.138	U	0.568	0.138	ug/L		11/12/24 06:44	11/17/24 19:55	1
3-Nitroaniline	<0.0848	U	0.568	0.0848	ug/L		11/12/24 06:44	11/17/24 19:55	1
4,6-Dinitro-2-methylphenol	<0.200	U	1.14	0.200	ug/L		11/12/24 06:44	11/17/24 19:55	1
4-Bromophenyl phenyl ether	<0.0997	U	0.568	0.0997	ug/L		11/12/24 06:44	11/17/24 19:55	1
4-Chloro-3-methylphenol	<0.103	U	0.568	0.103	ug/L		11/12/24 06:44	11/17/24 19:55	1
4-Chloroaniline	<0.0383	U	0.568	0.0383	ug/L		11/12/24 06:44	11/17/24 19:55	1
4-Chlorophenyl phenyl ether	<0.130	U	0.568	0.130	ug/L		11/12/24 06:44	11/17/24 19:55	1
4-Nitroaniline	<0.108	U	0.568	0.108	ug/L		11/12/24 06:44	11/17/24 19:55	1
Acenaphthene	<0.107	U	0.568	0.107	ug/L		11/12/24 06:44	11/17/24 19:55	1
Acenaphthylene	<0.0991	U	0.568	0.0991	ug/L		11/12/24 06:44	11/17/24 19:55	1
Aniline	<0.0576	U	0.568	0.0576	ug/L		11/12/24 06:44	11/17/24 19:55	1
Anthracene	<0.0933	U	0.568	0.0933	ug/L		11/12/24 06:44	11/17/24 19:55	1
Benzo[a]anthracene	<0.0284	U	0.0284	0.0284	ug/L		11/12/24 06:44	11/17/24 19:55	1
Benzo[a]pyrene	<0.0298	U	0.0568	0.0298	ug/L		11/12/24 06:44	11/17/24 19:55	1
Benzo[b]fluoranthene	<0.0660	U	0.568	0.0660	ug/L		11/12/24 06:44	11/17/24 19:55	1
Benzo[g,h,i]perylene	<0.0343	U	0.568	0.0343	ug/L		11/12/24 06:44	11/17/24 19:55	1
Benzo[k]fluoranthene	<0.0470	U	0.568	0.0470	ug/L		11/12/24 06:44	11/17/24 19:55	1
Benzyl alcohol	<0.597	U *-	1.14	0.597	ug/L		11/12/24 06:44	11/17/24 19:55	1
Bis(2-chloroethoxy)methane	<0.0969	U	0.568	0.0969	ug/L		11/12/24 06:44	11/17/24 19:55	1
Bis(2-chloroethyl)ether	<0.213	U	0.568	0.213	ug/L		11/12/24 06:44	11/17/24 19:55	1
Bis(2-ethylhexyl) phthalate	<0.895	U	1.14	0.895	ug/L		11/12/24 06:44	11/17/24 19:55	1
Butyl benzyl phthalate	<0.497	U	1.14	0.497	ug/L		11/12/24 06:44	11/17/24 19:55	1
Chrysene	<0.0811	U	0.568	0.0811	ug/L		11/12/24 06:44	11/17/24 19:55	1
Dibenz(a,h)anthracene	<0.0506	U	0.114	0.0506	ug/L		11/12/24 06:44	11/17/24 19:55	1
Dibenzofuran	<0.106	U	0.568	0.106	ug/L		11/12/24 06:44	11/17/24 19:55	1
Diethyl phthalate	<0.154	U	1.14	0.154	ug/L		11/12/24 06:44	11/17/24 19:55	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/12/24 06:44	11/17/24 19:55	1
Di-n-butyl phthalate	<0.761	U	1.14	0.761	ug/L		11/12/24 06:44	11/17/24 19:55	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/12/24 06:44	11/17/24 19:55	1
Fluoranthene	<0.0878	U	0.568	0.0878	ug/L		11/12/24 06:44	11/17/24 19:55	1
Fluorene	<0.0943	U	0.568	0.0943	ug/L		11/12/24 06:44	11/17/24 19:55	1
Hexachlorobenzene	<0.0969	U	0.568	0.0969	ug/L		11/12/24 06:44	11/17/24 19:55	1
Hexachlorobutadiene	<0.102	U	0.568	0.102	ug/L		11/12/24 06:44	11/17/24 19:55	1

Client Sample ID: MW-70
Lab Sample ID: 860-86517-2
Date Collected: 11/05/24 11:21
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.0509	U	0.568	0.0509	ug/L		11/12/24 06:44	11/17/24 19:55	1
Hexachloroethane	<0.101	U	0.568	0.101	ug/L		11/12/24 06:44	11/17/24 19:55	1
Indeno[1,2,3-cd]pyrene	<0.0994	U	0.568	0.0994	ug/L		11/12/24 06:44	11/17/24 19:55	1
Isophorone	<0.106	U	0.568	0.106	ug/L		11/12/24 06:44	11/17/24 19:55	1
Naphthalene	<0.0939	U	0.568	0.0939	ug/L		11/12/24 06:44	11/17/24 19:55	1
Nitrobenzene	<0.0732	U	0.568	0.0732	ug/L		11/12/24 06:44	11/17/24 19:55	1
N-Nitrosodi-n-propylamine	<0.118	U	0.568	0.118	ug/L		11/12/24 06:44	11/17/24 19:55	1
N-Nitrosodiphenylamine	<0.144	U	0.568	0.144	ug/L		11/12/24 06:44	11/17/24 19:55	1
Pentachlorophenol	<1.03	U	1.14	1.03	ug/L		11/12/24 06:44	11/17/24 19:55	1
Phenanthrene	<0.133	U	0.568	0.133	ug/L		11/12/24 06:44	11/17/24 19:55	1
Phenol	<0.446	U	2.84	0.446	ug/L		11/12/24 06:44	11/17/24 19:55	1
Pyrene	<0.0844	U	0.568	0.0844	ug/L		11/12/24 06:44	11/17/24 19:55	1
Pyridine	<1.43	U	2.84	1.43	ug/L		11/12/24 06:44	11/17/24 19:55	1
N-Nitro-o-toluidine	<0.517	U	1.14	0.517	ug/L		11/12/24 06:44	11/17/24 19:55	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.568	0.209	ug/L		11/12/24 06:44	11/17/24 19:55	1
Acetophenone	<0.620	U	1.14	0.620	ug/L		11/12/24 06:44	11/17/24 19:55	1
N-Nitrosopiperidine	<0.465	U	1.14	0.465	ug/L		11/12/24 06:44	11/17/24 19:55	1
Pentachlorobenzene	<0.264	U	0.568	0.264	ug/L		11/12/24 06:44	11/17/24 19:55	1
Diphenyl ether	**0.0925**	**J I**	0.568	0.0905	ug/L		11/12/24 06:44	11/17/24 19:55	1
1,1'-Biphenyl	<0.0976	U	0.568	0.0976	ug/L		11/12/24 06:44	11/17/24 19:55	1
4-Aminobiphenyl	<0.392	U	0.568	0.392	ug/L		11/12/24 06:44	11/17/24 19:55	1
1,2,4,5-Tetrachlorobenzene	<0.0952	U	0.568	0.0952	ug/L		11/12/24 06:44	11/17/24 19:55	1
1,3,5-Trinitrobenzene	<0.118	U	0.568	0.118	ug/L		11/12/24 06:44	11/17/24 19:55	1
1,3-Dinitrobenzene	<0.0768	U	0.568	0.0768	ug/L		11/12/24 06:44	11/17/24 19:55	1
1,4-Naphthoquinone	<0.313	U	0.568	0.313	ug/L		11/12/24 06:44	11/17/24 19:55	1
1-Naphthylamine	<0.148	U	0.568	0.148	ug/L		11/12/24 06:44	11/17/24 19:55	1
2,6-Dichlorophenol	<0.117	U	0.568	0.117	ug/L		11/12/24 06:44	11/17/24 19:55	1
2-Acetylaminofluorene	<1.26	U *+	2.84	1.26	ug/L		11/12/24 06:44	11/17/24 19:55	1
2-Chlorophenol	<0.0752	U	0.568	0.0752	ug/L		11/12/24 06:44	11/17/24 19:55	1
2-Naphthylamine	<0.286	U	0.568	0.286	ug/L		11/12/24 06:44	11/17/24 19:55	1
2-Picoline	<0.122	U	0.568	0.122	ug/L		11/12/24 06:44	11/17/24 19:55	1
2-Toluidine	<0.304	U	0.568	0.304	ug/L		11/12/24 06:44	11/17/24 19:55	1
3,3'-Dichlorobenzidine	<0.182	U	0.568	0.182	ug/L		11/12/24 06:44	11/17/24 19:55	1
3,3'-Dimethylbenzidine	<0.141	U	0.568	0.141	ug/L		11/12/24 06:44	11/17/24 19:55	1
3-Methylcholanthrene	<0.104	U	0.568	0.104	ug/L		11/12/24 06:44	11/17/24 19:55	1
4-Nitroquinoline-1-oxide	<0.726	U	1.14	0.726	ug/L		11/12/24 06:44	11/17/24 19:55	1
7,12-Dimethylbenz(a)anthracene	<0.240	U	0.568	0.240	ug/L		11/12/24 06:44	11/17/24 19:55	1
alpha,alpha-Dimethyl phenethylamine	<3.65	U *- *1	5.68	3.65	ug/L		11/12/24 06:44	11/17/24 19:55	1
Aramite Peak 1	<0.0781	U *+	0.568	0.0781	ug/L		11/12/24 06:44	11/17/24 19:55	1
Aramite Peak 2	<0.0948	U	0.568	0.0948	ug/L		11/12/24 06:44	11/17/24 19:55	1
Aramite, Total	<0.0948	U	0.568	0.0948	ug/L		11/12/24 06:44	11/17/24 19:55	1
Diallate	<0.0830	U	0.568	0.0830	ug/L		11/12/24 06:44	11/17/24 19:55	1
Diallate Peak 1	<0.0830	U	0.568	0.0830	ug/L		11/12/24 06:44	11/17/24 19:55	1
Diallate Peak 2	<0.0383	U	0.568	0.0383	ug/L		11/12/24 06:44	11/17/24 19:55	1
Dimethoate	<0.121	U *+	0.568	0.121	ug/L		11/12/24 06:44	11/17/24 19:55	1
Dinoseb	<0.566	U *+	2.84	0.566	ug/L		11/12/24 06:44	11/17/24 19:55	1
Disulfoton	<0.202	U *+	0.568	0.202	ug/L		11/12/24 06:44	11/17/24 19:55	1
Ethyl methanesulfonate	<0.225	U	0.568	0.225	ug/L		11/12/24 06:44	11/17/24 19:55	1
Ethyl Parathion	<0.0499	U *+	0.227	0.0499	ug/L		11/12/24 06:44	11/17/24 19:55	1

Client Sample ID: MW-70
Lab Sample ID: 860-86517-2
Date Collected: 11/05/24 11:21
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/12/24 06:44	11/17/24 19:55	1
Hexachloropropene	<0.298	U *-	0.568	0.298	ug/L		11/12/24 06:44	11/17/24 19:55	1
Isosafrole	<0.239	U	0.568	0.239	ug/L		11/12/24 06:44	11/17/24 19:55	1
Isosafrole Peak 1	<0.0461	U	0.568	0.0461	ug/L		11/12/24 06:44	11/17/24 19:55	1
Isosafrole Peak 2	<0.239	U	0.568	0.239	ug/L		11/12/24 06:44	11/17/24 19:55	1
Methapyrilene	<0.994	U *+	2.27	0.994	ug/L		11/12/24 06:44	11/17/24 19:55	1
Methyl methanesulfonate	<0.119	U	0.568	0.119	ug/L		11/12/24 06:44	11/17/24 19:55	1
Methyl parathion	<0.318	U *+	0.568	0.318	ug/L		11/12/24 06:44	11/17/24 19:55	1
N-Nitrosodiethylamine	<0.535	U	1.14	0.535	ug/L		11/12/24 06:44	11/17/24 19:55	1
N-Nitrosodimethylamine	<0.0994	U *-	0.568	0.0994	ug/L		11/12/24 06:44	11/17/24 19:55	1
N-Nitrosodi-n-butylamine	<0.513	U	1.14	0.513	ug/L		11/12/24 06:44	11/17/24 19:55	1
N-Nitrosomethylethylamine	<0.292	U	0.568	0.292	ug/L		11/12/24 06:44	11/17/24 19:55	1
N-Nitrosomorpholine	<0.219	U	0.568	0.219	ug/L		11/12/24 06:44	11/17/24 19:55	1
N-Nitrosopyrrolidine	<0.266	U *- *1	0.568	0.266	ug/L		11/12/24 06:44	11/17/24 19:55	1
o,o',o''-Triethylphosphorothioate	<0.137	U *+	0.568	0.137	ug/L		11/12/24 06:44	11/17/24 19:55	1
p-Dimethylamino azobenzene	<0.0236	U *+	0.568	0.0236	ug/L		11/12/24 06:44	11/17/24 19:55	1
Pentachloronitrobenzene	<0.0994	U	0.568	0.0994	ug/L		11/12/24 06:44	11/17/24 19:55	1
Phenacetin	<0.0994	U	0.568	0.0994	ug/L		11/12/24 06:44	11/17/24 19:55	1
Phorate	<0.220	U *+	0.568	0.220	ug/L		11/12/24 06:44	11/17/24 19:55	1
p-Phenylene diamine	<0.497	U *- *1	1.14	0.497	ug/L		11/12/24 06:44	11/17/24 19:55	1
Pronamide	<0.0994	U *+	0.568	0.0994	ug/L		11/12/24 06:44	11/17/24 19:55	1
Safrole, Total	<0.0568	U	0.568	0.0568	ug/L		11/12/24 06:44	11/17/24 19:55	1
Sulfotepp	<0.146	U *+	0.568	0.146	ug/L		11/12/24 06:44	11/17/24 19:55	1
Thionazin	<0.207	U *+	1.14	0.207	ug/L		11/12/24 06:44	11/17/24 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*35 - 130*	*11/12/24 06:44*	*11/17/24 19:55*	*1*
2-Fluorobiphenyl	*64*		*43 - 130*	*11/12/24 06:44*	*11/17/24 19:55*	*1*
2-Fluorophenol (Surr)	*62*		*19 - 120*	*11/12/24 06:44*	*11/17/24 19:55*	*1*
Nitrobenzene-d5 (Surr)	*89*		*37 - 133*	*11/12/24 06:44*	*11/17/24 19:55*	*1*
Phenol-d5 (Surr)	*43*		*8 - 124*	*11/12/24 06:44*	*11/17/24 19:55*	*1*
p-Terphenyl-d14	*82*		*47 - 130*	*11/12/24 06:44*	*11/17/24 19:55*	*1*

Client Sample ID: RB-03
Lab Sample ID: 860-86517-3
Date Collected: 11/05/24 11:45
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/10/24 05:43	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/10/24 05:43	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/10/24 05:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/10/24 05:43	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/10/24 05:43	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/10/24 05:43	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/10/24 05:43	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/10/24 05:43	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/10/24 05:43	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/10/24 05:43	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/10/24 05:43	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: RB-03
Date Collected: 11/05/24 11:45
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/10/24 05:43	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/10/24 05:43	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/10/24 05:43	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/10/24 05:43	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/10/24 05:43	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/10/24 05:43	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/10/24 05:43	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/10/24 05:43	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/10/24 05:43	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/10/24 05:43	1
Acetone	<3.07	U	100	3.07	ug/L			11/10/24 05:43	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/10/24 05:43	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/10/24 05:43	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/10/24 05:43	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/10/24 05:43	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/10/24 05:43	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/10/24 05:43	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/10/24 05:43	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/10/24 05:43	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/10/24 05:43	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/10/24 05:43	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/10/24 05:43	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/10/24 05:43	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/10/24 05:43	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/10/24 05:43	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/10/24 05:43	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/10/24 05:43	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/10/24 05:43	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/10/24 05:43	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/10/24 05:43	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/10/24 05:43	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/10/24 05:43	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/10/24 05:43	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/10/24 05:43	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/10/24 05:43	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/10/24 05:43	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/10/24 05:43	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/10/24 05:43	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/10/24 05:43	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/10/24 05:43	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/10/24 05:43	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/10/24 05:43	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/10/24 05:43	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/10/24 05:43	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/10/24 05:43	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/10/24 05:43	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/10/24 05:43	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/10/24 05:43	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/10/24 05:43	1

Client Sample ID: RB-03
Date Collected: 11/05/24 11:45
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/10/24 05:43	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/10/24 05:43	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/10/24 05:43	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/10/24 05:43	1
Vinyl acetate	<2.14	U *1	20.0	2.14	ug/L			11/10/24 05:43	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/10/24 05:43	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/10/24 05:43	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/10/24 05:43	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/10/24 05:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 144*		*11/10/24 05:43*	*1*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*11/10/24 05:43*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*11/10/24 05:43*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/10/24 05:43*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0764	U	0.570	0.0764	ug/L		11/12/24 06:44	11/17/24 20:26	1
1,2-Dichlorobenzene	<0.0938	U	0.570	0.0938	ug/L		11/12/24 06:44	11/17/24 20:26	1
1,3-Dichlorobenzene	<0.101	U	0.570	0.101	ug/L		11/12/24 06:44	11/17/24 20:26	1
1,4-Dichlorobenzene	<0.0777	U	0.570	0.0777	ug/L		11/12/24 06:44	11/17/24 20:26	1
2,2'-oxybis[1-chloropropane]	<1.42	U *+	2.85	1.42	ug/L		11/12/24 06:44	11/17/24 20:26	1
2,4,5-Trichlorophenol	<0.143	U	0.570	0.143	ug/L		11/12/24 06:44	11/17/24 20:26	1
2,4,6-Trichlorophenol	<0.230	U	0.570	0.230	ug/L		11/12/24 06:44	11/17/24 20:26	1
2,4-Dichlorophenol	<0.140	U	0.570	0.140	ug/L		11/12/24 06:44	11/17/24 20:26	1
2,4-Dimethylphenol	<0.192	U *+	0.570	0.192	ug/L		11/12/24 06:44	11/17/24 20:26	1
1,4-Dioxane	<0.0887	U	0.570	0.0887	ug/L		11/12/24 06:44	11/17/24 20:26	1
2,4-Dinitrophenol	<0.104	U	2.85	0.104	ug/L		11/12/24 06:44	11/17/24 20:26	1
2,4-Dinitrotoluene	<0.204	U	0.570	0.204	ug/L		11/12/24 06:44	11/17/24 20:26	1
2,6-Dinitrotoluene	<0.116	U	0.570	0.116	ug/L		11/12/24 06:44	11/17/24 20:26	1
2-Chloronaphthalene	<0.377	U	0.570	0.377	ug/L		11/12/24 06:44	11/17/24 20:26	1
2-Methylnaphthalene	<0.0601	U	0.570	0.0601	ug/L		11/12/24 06:44	11/17/24 20:26	1
2-Methylphenol	<0.104	U	0.570	0.104	ug/L		11/12/24 06:44	11/17/24 20:26	1
2-Nitroaniline	<0.149	U	0.570	0.149	ug/L		11/12/24 06:44	11/17/24 20:26	1
2-Nitrophenol	<0.136	U	0.570	0.136	ug/L		11/12/24 06:44	11/17/24 20:26	1
3 & 4 Methylphenol	<0.138	U	0.570	0.138	ug/L		11/12/24 06:44	11/17/24 20:26	1
3-Nitroaniline	<0.0850	U	0.570	0.0850	ug/L		11/12/24 06:44	11/17/24 20:26	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/12/24 06:44	11/17/24 20:26	1
4-Bromophenyl phenyl ether	<0.100	U	0.570	0.100	ug/L		11/12/24 06:44	11/17/24 20:26	1
4-Chloro-3-methylphenol	<0.103	U	0.570	0.103	ug/L		11/12/24 06:44	11/17/24 20:26	1
4-Chloroaniline	<0.0384	U	0.570	0.0384	ug/L		11/12/24 06:44	11/17/24 20:26	1
4-Chlorophenyl phenyl ether	<0.130	U	0.570	0.130	ug/L		11/12/24 06:44	11/17/24 20:26	1
4-Nitroaniline	<0.108	U	0.570	0.108	ug/L		11/12/24 06:44	11/17/24 20:26	1
Acenaphthene	<0.107	U	0.570	0.107	ug/L		11/12/24 06:44	11/17/24 20:26	1
Acenaphthylene	<0.0994	U	0.570	0.0994	ug/L		11/12/24 06:44	11/17/24 20:26	1
Aniline	<0.0578	U	0.570	0.0578	ug/L		11/12/24 06:44	11/17/24 20:26	1
Anthracene	<0.0935	U	0.570	0.0935	ug/L		11/12/24 06:44	11/17/24 20:26	1
Benzo[a]anthracene	<0.0285	U	0.0285	0.0285	ug/L		11/12/24 06:44	11/17/24 20:26	1
Benzo[a]pyrene	<0.0299	U	0.0570	0.0299	ug/L		11/12/24 06:44	11/17/24 20:26	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: RB-03
Date Collected: 11/05/24 11:45
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<0.0662	U	0.570	0.0662	ug/L		11/12/24 06:44	11/17/24 20:26	1
Benzo[g,h,i]perylene	<0.0344	U	0.570	0.0344	ug/L		11/12/24 06:44	11/17/24 20:26	1
Benzo[k]fluoranthene	<0.0471	U	0.570	0.0471	ug/L		11/12/24 06:44	11/17/24 20:26	1
Benzyl alcohol	<0.598	U *-	1.14	0.598	ug/L		11/12/24 06:44	11/17/24 20:26	1
Bis(2-chloroethoxy)methane	<0.0972	U	0.570	0.0972	ug/L		11/12/24 06:44	11/17/24 20:26	1
Bis(2-chloroethyl)ether	<0.214	U	0.570	0.214	ug/L		11/12/24 06:44	11/17/24 20:26	1
Bis(2-ethylhexyl) phthalate	<0.897	U	1.14	0.897	ug/L		11/12/24 06:44	11/17/24 20:26	1
Butyl benzyl phthalate	<0.499	U	1.14	0.499	ug/L		11/12/24 06:44	11/17/24 20:26	1
Chrysene	<0.0813	U	0.570	0.0813	ug/L		11/12/24 06:44	11/17/24 20:26	1
Dibenz(a,h)anthracene	<0.0507	U	0.114	0.0507	ug/L		11/12/24 06:44	11/17/24 20:26	1
Dibenzofuran	<0.106	U	0.570	0.106	ug/L		11/12/24 06:44	11/17/24 20:26	1
Diethyl phthalate	<0.154	U	1.14	0.154	ug/L		11/12/24 06:44	11/17/24 20:26	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/12/24 06:44	11/17/24 20:26	1
Di-n-butyl phthalate	<0.763	U	1.14	0.763	ug/L		11/12/24 06:44	11/17/24 20:26	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/12/24 06:44	11/17/24 20:26	1
Fluoranthene	<0.0881	U	0.570	0.0881	ug/L		11/12/24 06:44	11/17/24 20:26	1
Fluorene	<0.0945	U	0.570	0.0945	ug/L		11/12/24 06:44	11/17/24 20:26	1
Hexachlorobenzene	<0.0972	U	0.570	0.0972	ug/L		11/12/24 06:44	11/17/24 20:26	1
Hexachlorobutadiene	<0.102	U	0.570	0.102	ug/L		11/12/24 06:44	11/17/24 20:26	1
Hexachlorocyclopentadiene	<0.0511	U	0.570	0.0511	ug/L		11/12/24 06:44	11/17/24 20:26	1
Hexachloroethane	<0.102	U	0.570	0.102	ug/L		11/12/24 06:44	11/17/24 20:26	1
Indeno[1,2,3-cd]pyrene	<0.0997	U	0.570	0.0997	ug/L		11/12/24 06:44	11/17/24 20:26	1
Isophorone	<0.106	U	0.570	0.106	ug/L		11/12/24 06:44	11/17/24 20:26	1
Naphthalene	<0.0942	U	0.570	0.0942	ug/L		11/12/24 06:44	11/17/24 20:26	1
Nitrobenzene	<0.0734	U	0.570	0.0734	ug/L		11/12/24 06:44	11/17/24 20:26	1
N-Nitrosodi-n-propylamine	<0.118	U	0.570	0.118	ug/L		11/12/24 06:44	11/17/24 20:26	1
N-Nitrosodiphenylamine	<0.144	U	0.570	0.144	ug/L		11/12/24 06:44	11/17/24 20:26	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/12/24 06:44	11/17/24 20:26	1
Phenanthrene	<0.134	U	0.570	0.134	ug/L		11/12/24 06:44	11/17/24 20:26	1
Phenol	<0.447	U	2.85	0.447	ug/L		11/12/24 06:44	11/17/24 20:26	1
Pyrene	<0.0846	U	0.570	0.0846	ug/L		11/12/24 06:44	11/17/24 20:26	1
Pyridine	<1.43	U	2.85	1.43	ug/L		11/12/24 06:44	11/17/24 20:26	1
N-Nitro-o-toluidine	<0.519	U	1.14	0.519	ug/L		11/12/24 06:44	11/17/24 20:26	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.570	0.210	ug/L		11/12/24 06:44	11/17/24 20:26	1
Acetophenone	<0.622	U	1.14	0.622	ug/L		11/12/24 06:44	11/17/24 20:26	1
N-Nitrosopiperidine	<0.466	U	1.14	0.466	ug/L		11/12/24 06:44	11/17/24 20:26	1
Pentachlorobenzene	<0.265	U	0.570	0.265	ug/L		11/12/24 06:44	11/17/24 20:26	1
Diphenyl ether	<0.0907	U	0.570	0.0907	ug/L		11/12/24 06:44	11/17/24 20:26	1
1,1'-Biphenyl	<0.0979	U	0.570	0.0979	ug/L		11/12/24 06:44	11/17/24 20:26	1
4-Aminobiphenyl	<0.393	U	0.570	0.393	ug/L		11/12/24 06:44	11/17/24 20:26	1
1,2,4,5-Tetrachlorobenzene	<0.0955	U	0.570	0.0955	ug/L		11/12/24 06:44	11/17/24 20:26	1
1,3,5-Trinitrobenzene	<0.118	U	0.570	0.118	ug/L		11/12/24 06:44	11/17/24 20:26	1
1,3-Dinitrobenzene	<0.0771	U	0.570	0.0771	ug/L		11/12/24 06:44	11/17/24 20:26	1
1,4-Naphthoquinone	<0.313	U	0.570	0.313	ug/L		11/12/24 06:44	11/17/24 20:26	1
1-Naphthylamine	<0.148	U	0.570	0.148	ug/L		11/12/24 06:44	11/17/24 20:26	1
2,6-Dichlorophenol	<0.118	U	0.570	0.118	ug/L		11/12/24 06:44	11/17/24 20:26	1
2-Acetylaminofluorene	<1.26	U *+	2.85	1.26	ug/L		11/12/24 06:44	11/17/24 20:26	1
2-Chlorophenol	<0.0754	U	0.570	0.0754	ug/L		11/12/24 06:44	11/17/24 20:26	1
2-Naphthylamine	<0.287	U	0.570	0.287	ug/L		11/12/24 06:44	11/17/24 20:26	1

Client Sample ID: RB-03

Date Collected: 11/05/24 11:45
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-3

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Picoline	<0.122	U	0.570	0.122	ug/L		11/12/24 06:44	11/17/24 20:26	1
2-Toluidine	<0.305	U	0.570	0.305	ug/L		11/12/24 06:44	11/17/24 20:26	1
3,3'-Dichlorobenzidine	<0.183	U	0.570	0.183	ug/L		11/12/24 06:44	11/17/24 20:26	1
3,3'-Dimethylbenzidine	<0.141	U	0.570	0.141	ug/L		11/12/24 06:44	11/17/24 20:26	1
3-Methylcholanthrene	<0.104	U	0.570	0.104	ug/L		11/12/24 06:44	11/17/24 20:26	1
4-Nitroquinoline-1-oxide	<0.728	U	1.14	0.728	ug/L		11/12/24 06:44	11/17/24 20:26	1
7,12-Dimethylbenz(a)anthracene	<0.240	U	0.570	0.240	ug/L		11/12/24 06:44	11/17/24 20:26	1
alpha,alpha-Dimethyl phenethylamine	<3.66	U *- *1	5.70	3.66	ug/L		11/12/24 06:44	11/17/24 20:26	1
Aramite Peak 1	<0.0783	U *+	0.570	0.0783	ug/L		11/12/24 06:44	11/17/24 20:26	1
Aramite Peak 2	<0.0951	U	0.570	0.0951	ug/L		11/12/24 06:44	11/17/24 20:26	1
Aramite, Total	<0.0951	U	0.570	0.0951	ug/L		11/12/24 06:44	11/17/24 20:26	1
Diallate	<0.0832	U	0.570	0.0832	ug/L		11/12/24 06:44	11/17/24 20:26	1
Diallate Peak 1	<0.0832	U	0.570	0.0832	ug/L		11/12/24 06:44	11/17/24 20:26	1
Diallate Peak 2	<0.0384	U	0.570	0.0384	ug/L		11/12/24 06:44	11/17/24 20:26	1
Dimethoate	<0.121	U *+	0.570	0.121	ug/L		11/12/24 06:44	11/17/24 20:26	1
Dinoseb	<0.568	U *+	2.85	0.568	ug/L		11/12/24 06:44	11/17/24 20:26	1
Disulfoton	<0.202	U *+	0.570	0.202	ug/L		11/12/24 06:44	11/17/24 20:26	1
Ethyl methanesulfonate	<0.226	U	0.570	0.226	ug/L		11/12/24 06:44	11/17/24 20:26	1
Ethyl Parathion	<0.0501	U *+	0.228	0.0501	ug/L		11/12/24 06:44	11/17/24 20:26	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/12/24 06:44	11/17/24 20:26	1
Hexachloropropene	<0.299	U *-	0.570	0.299	ug/L		11/12/24 06:44	11/17/24 20:26	1
Isosafrole	<0.240	U	0.570	0.240	ug/L		11/12/24 06:44	11/17/24 20:26	1
Isosafrole Peak 1	<0.0462	U	0.570	0.0462	ug/L		11/12/24 06:44	11/17/24 20:26	1
Isosafrole Peak 2	<0.240	U	0.570	0.240	ug/L		11/12/24 06:44	11/17/24 20:26	1
Methapyrilene	<0.997	U *+	2.28	0.997	ug/L		11/12/24 06:44	11/17/24 20:26	1
Methyl methanesulfonate	<0.120	U	0.570	0.120	ug/L		11/12/24 06:44	11/17/24 20:26	1
Methyl parathion	<0.318	U *+	0.570	0.318	ug/L		11/12/24 06:44	11/17/24 20:26	1
N-Nitrosodiethylamine	<0.537	U	1.14	0.537	ug/L		11/12/24 06:44	11/17/24 20:26	1
N-Nitrosodimethylamine	<0.0997	U *-	0.570	0.0997	ug/L		11/12/24 06:44	11/17/24 20:26	1
N-Nitrosodi-n-butylamine	<0.514	U	1.14	0.514	ug/L		11/12/24 06:44	11/17/24 20:26	1
N-Nitrosomethylethylamine	<0.293	U	0.570	0.293	ug/L		11/12/24 06:44	11/17/24 20:26	1
N-Nitrosomorpholine	<0.220	U	0.570	0.220	ug/L		11/12/24 06:44	11/17/24 20:26	1
N-Nitrosopyrrolidine	<0.267	U *- *1	0.570	0.267	ug/L		11/12/24 06:44	11/17/24 20:26	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.570	0.138	ug/L		11/12/24 06:44	11/17/24 20:26	1
p-Dimethylamino azobenzene	<0.0237	U *+	0.570	0.0237	ug/L		11/12/24 06:44	11/17/24 20:26	1
Pentachloronitrobenzene	<0.0997	U	0.570	0.0997	ug/L		11/12/24 06:44	11/17/24 20:26	1
Phenacetin	<0.0997	U	0.570	0.0997	ug/L		11/12/24 06:44	11/17/24 20:26	1
Phorate	<0.221	U *+	0.570	0.221	ug/L		11/12/24 06:44	11/17/24 20:26	1
p-Phenylene diamine	<0.499	U *- *1	1.14	0.499	ug/L		11/12/24 06:44	11/17/24 20:26	1
Pronamide	<0.0997	U *+	0.570	0.0997	ug/L		11/12/24 06:44	11/17/24 20:26	1
Safrole, Total	<0.0569	U	0.570	0.0569	ug/L		11/12/24 06:44	11/17/24 20:26	1
Sulfotepp	<0.146	U *+	0.570	0.146	ug/L		11/12/24 06:44	11/17/24 20:26	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/12/24 06:44	11/17/24 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*35 - 130*	*11/12/24 06:44*	*11/17/24 20:26*	*1*
2-Fluorobiphenyl	*81*		*43 - 130*	*11/12/24 06:44*	*11/17/24 20:26*	*1*
2-Fluorophenol (Surr)	*41*		*19 - 120*	*11/12/24 06:44*	*11/17/24 20:26*	*1*
Nitrobenzene-d5 (Surr)	*90*		*37 - 133*	*11/12/24 06:44*	*11/17/24 20:26*	*1*
Phenol-d5 (Surr)	*30*		*8 - 124*	*11/12/24 06:44*	*11/17/24 20:26*	*1*

Client Sample ID: RB-03

Lab Sample ID: 860-86517-3

Date Collected: 11/05/24 11:45
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14	*84*		*47 - 130*	*11/12/24 06:44*	*11/17/24 20:26*	*1*

Client Sample ID: MW-65

Lab Sample ID: 860-86517-4

Date Collected: 11/05/24 11:58
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/10/24 07:15	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/10/24 07:15	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/10/24 07:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/10/24 07:15	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/10/24 07:15	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/10/24 07:15	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/10/24 07:15	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/10/24 07:15	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/10/24 07:15	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/10/24 07:15	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/10/24 07:15	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/10/24 07:15	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/10/24 07:15	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/10/24 07:15	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/10/24 07:15	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/10/24 07:15	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/10/24 07:15	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/10/24 07:15	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/10/24 07:15	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/10/24 07:15	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/10/24 07:15	1
Acetone	<3.07	U	100	3.07	ug/L			11/10/24 07:15	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/10/24 07:15	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/10/24 07:15	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/10/24 07:15	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/10/24 07:15	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/10/24 07:15	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/10/24 07:15	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/10/24 07:15	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/10/24 07:15	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/10/24 07:15	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/10/24 07:15	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/10/24 07:15	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/10/24 07:15	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/10/24 07:15	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/10/24 07:15	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/10/24 07:15	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/10/24 07:15	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/10/24 07:15	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/10/24 07:15	1
Cumene (isopropylbenzene)	**0.640**	**J**	1.00	0.592	ug/L			11/10/24 07:15	1

Client Sample ID: MW-65
Date Collected: 11/05/24 11:58
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/10/24 07:15	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/10/24 07:15	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/10/24 07:15	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/10/24 07:15	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/10/24 07:15	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/10/24 07:15	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/10/24 07:15	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/10/24 07:15	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/10/24 07:15	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/10/24 07:15	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/10/24 07:15	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/10/24 07:15	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/10/24 07:15	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/10/24 07:15	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/10/24 07:15	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/10/24 07:15	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/10/24 07:15	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/10/24 07:15	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/10/24 07:15	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/10/24 07:15	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/10/24 07:15	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/10/24 07:15	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/10/24 07:15	1
Vinyl acetate	<2.14	U *1	20.0	2.14	ug/L			11/10/24 07:15	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/10/24 07:15	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/10/24 07:15	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/10/24 07:15	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/10/24 07:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 144*		*11/10/24 07:15*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*11/10/24 07:15*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 131*		*11/10/24 07:15*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/10/24 07:15*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0767	U	0.572	0.0767	ug/L		11/12/24 06:44	11/17/24 20:56	1
1,2-Dichlorobenzene	<0.0942	U	0.572	0.0942	ug/L		11/12/24 06:44	11/17/24 20:56	1
1,3-Dichlorobenzene	<0.102	U	0.572	0.102	ug/L		11/12/24 06:44	11/17/24 20:56	1
1,4-Dichlorobenzene	<0.0780	U	0.572	0.0780	ug/L		11/12/24 06:44	11/17/24 20:56	1
2,2'-oxybis[1-chloropropane]	<1.43	U *+	2.86	1.43	ug/L		11/12/24 06:44	11/17/24 20:56	1
2,4,5-Trichlorophenol	<0.143	U	0.572	0.143	ug/L		11/12/24 06:44	11/17/24 20:56	1
2,4,6-Trichlorophenol	<0.231	U	0.572	0.231	ug/L		11/12/24 06:44	11/17/24 20:56	1
2,4-Dichlorophenol	<0.140	U	0.572	0.140	ug/L		11/12/24 06:44	11/17/24 20:56	1
2,4-Dimethylphenol	<0.192	U *+	0.572	0.192	ug/L		11/12/24 06:44	11/17/24 20:56	1
1,4-Dioxane	<0.0891	U	0.572	0.0891	ug/L		11/12/24 06:44	11/17/24 20:56	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/12/24 06:44	11/17/24 20:56	1
2,4-Dinitrotoluene	<0.205	U	0.572	0.205	ug/L		11/12/24 06:44	11/17/24 20:56	1
2,6-Dinitrotoluene	<0.116	U	0.572	0.116	ug/L		11/12/24 06:44	11/17/24 20:56	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: MW-65

Date Collected: 11/05/24 11:58
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-4

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	<0.379	U	0.572	0.379	ug/L		11/12/24 06:44	11/17/24 20:56	1
2-Methylnaphthalene	<0.0603	U	0.572	0.0603	ug/L		11/12/24 06:44	11/17/24 20:56	1
2-Methylphenol	<0.105	U	0.572	0.105	ug/L		11/12/24 06:44	11/17/24 20:56	1
2-Nitroaniline	<0.149	U	0.572	0.149	ug/L		11/12/24 06:44	11/17/24 20:56	1
2-Nitrophenol	<0.136	U	0.572	0.136	ug/L		11/12/24 06:44	11/17/24 20:56	1
3 & 4 Methylphenol	<0.139	U	0.572	0.139	ug/L		11/12/24 06:44	11/17/24 20:56	1
3-Nitroaniline	<0.0854	U	0.572	0.0854	ug/L		11/12/24 06:44	11/17/24 20:56	1
4,6-Dinitro-2-methylphenol	<0.202	U	1.14	0.202	ug/L		11/12/24 06:44	11/17/24 20:56	1
4-Bromophenyl phenyl ether	<0.100	U	0.572	0.100	ug/L		11/12/24 06:44	11/17/24 20:56	1
4-Chloro-3-methylphenol	<0.104	U	0.572	0.104	ug/L		11/12/24 06:44	11/17/24 20:56	1
4-Chloroaniline	<0.0386	U	0.572	0.0386	ug/L		11/12/24 06:44	11/17/24 20:56	1
4-Chlorophenyl phenyl ether	<0.131	U	0.572	0.131	ug/L		11/12/24 06:44	11/17/24 20:56	1
4-Nitroaniline	<0.109	U	0.572	0.109	ug/L		11/12/24 06:44	11/17/24 20:56	1
Acenaphthene	<0.108	U	0.572	0.108	ug/L		11/12/24 06:44	11/17/24 20:56	1
Acenaphthylene	<0.0998	U	0.572	0.0998	ug/L		11/12/24 06:44	11/17/24 20:56	1
Aniline	<0.0580	U	0.572	0.0580	ug/L		11/12/24 06:44	11/17/24 20:56	1
Anthracene	<0.0939	U	0.572	0.0939	ug/L		11/12/24 06:44	11/17/24 20:56	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/12/24 06:44	11/17/24 20:56	1
Benzo[a]pyrene	<0.0300	U	0.0572	0.0300	ug/L		11/12/24 06:44	11/17/24 20:56	1
Benzo[b]fluoranthene	<0.0665	U	0.572	0.0665	ug/L		11/12/24 06:44	11/17/24 20:56	1
Benzo[g,h,i]perylene	<0.0346	U	0.572	0.0346	ug/L		11/12/24 06:44	11/17/24 20:56	1
Benzo[k]fluoranthene	<0.0473	U	0.572	0.0473	ug/L		11/12/24 06:44	11/17/24 20:56	1
Benzyl alcohol	<0.601	U *-	1.14	0.601	ug/L		11/12/24 06:44	11/17/24 20:56	1
Bis(2-chloroethoxy)methane	<0.0976	U	0.572	0.0976	ug/L		11/12/24 06:44	11/17/24 20:56	1
Bis(2-chloroethyl)ether	<0.215	U	0.572	0.215	ug/L		11/12/24 06:44	11/17/24 20:56	1
Bis(2-ethylhexyl) phthalate	<0.901	U	1.14	0.901	ug/L		11/12/24 06:44	11/17/24 20:56	1
Butyl benzyl phthalate	<0.501	U	1.14	0.501	ug/L		11/12/24 06:44	11/17/24 20:56	1
Chrysene	<0.0817	U	0.572	0.0817	ug/L		11/12/24 06:44	11/17/24 20:56	1
Dibenz(a,h)anthracene	<0.0510	U	0.114	0.0510	ug/L		11/12/24 06:44	11/17/24 20:56	1
Dibenzofuran	<0.107	U	0.572	0.107	ug/L		11/12/24 06:44	11/17/24 20:56	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/12/24 06:44	11/17/24 20:56	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/12/24 06:44	11/17/24 20:56	1
Di-n-butyl phthalate	<0.766	U	1.14	0.766	ug/L		11/12/24 06:44	11/17/24 20:56	1
Di-n-octyl phthalate	<0.270	U	1.14	0.270	ug/L		11/12/24 06:44	11/17/24 20:56	1
Fluoranthene	<0.0884	U	0.572	0.0884	ug/L		11/12/24 06:44	11/17/24 20:56	1
Fluorene	<0.0950	U	0.572	0.0950	ug/L		11/12/24 06:44	11/17/24 20:56	1
Hexachlorobenzene	<0.0976	U	0.572	0.0976	ug/L		11/12/24 06:44	11/17/24 20:56	1
Hexachlorobutadiene	<0.103	U	0.572	0.103	ug/L		11/12/24 06:44	11/17/24 20:56	1
Hexachlorocyclopentadiene	<0.0513	U	0.572	0.0513	ug/L		11/12/24 06:44	11/17/24 20:56	1
Hexachloroethane	<0.102	U	0.572	0.102	ug/L		11/12/24 06:44	11/17/24 20:56	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.572	0.100	ug/L		11/12/24 06:44	11/17/24 20:56	1
Isophorone	<0.107	U	0.572	0.107	ug/L		11/12/24 06:44	11/17/24 20:56	1
Naphthalene	**0.145**	**J**	0.572	0.0946	ug/L		11/12/24 06:44	11/17/24 20:56	1
Nitrobenzene	<0.0737	U	0.572	0.0737	ug/L		11/12/24 06:44	11/17/24 20:56	1
N-Nitrosodi-n-propylamine	<0.119	U	0.572	0.119	ug/L		11/12/24 06:44	11/17/24 20:56	1
N-Nitrosodiphenylamine	<0.145	U	0.572	0.145	ug/L		11/12/24 06:44	11/17/24 20:56	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/12/24 06:44	11/17/24 20:56	1
Phenanthrene	<0.134	U	0.572	0.134	ug/L		11/12/24 06:44	11/17/24 20:56	1
Phenol	<0.449	U	2.86	0.449	ug/L		11/12/24 06:44	11/17/24 20:56	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: MW-65
Date Collected: 11/05/24 11:58
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	<0.0850	U	0.572	0.0850	ug/L		11/12/24 06:44	11/17/24 20:56	1
Pyridine	<1.44	U	2.86	1.44	ug/L		11/12/24 06:44	11/17/24 20:56	1
N-Nitro-o-toluidine	<0.521	U	1.14	0.521	ug/L		11/12/24 06:44	11/17/24 20:56	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.572	0.211	ug/L		11/12/24 06:44	11/17/24 20:56	1
Acetophenone	<0.625	U	1.14	0.625	ug/L		11/12/24 06:44	11/17/24 20:56	1
N-Nitrosopiperidine	<0.468	U	1.14	0.468	ug/L		11/12/24 06:44	11/17/24 20:56	1
Pentachlorobenzene	<0.266	U	0.572	0.266	ug/L		11/12/24 06:44	11/17/24 20:56	1
Diphenyl ether	<0.0911	U	0.572	0.0911	ug/L		11/12/24 06:44	11/17/24 20:56	1
1,1'-Biphenyl	<0.0983	U	0.572	0.0983	ug/L		11/12/24 06:44	11/17/24 20:56	1
4-Aminobiphenyl	<0.395	U	0.572	0.395	ug/L		11/12/24 06:44	11/17/24 20:56	1
1,2,4,5-Tetrachlorobenzene	<0.0959	U	0.572	0.0959	ug/L		11/12/24 06:44	11/17/24 20:56	1
1,3,5-Trinitrobenzene	<0.119	U	0.572	0.119	ug/L		11/12/24 06:44	11/17/24 20:56	1
1,3-Dinitrobenzene	<0.0774	U	0.572	0.0774	ug/L		11/12/24 06:44	11/17/24 20:56	1
1,4-Naphthoquinone	<0.315	U	0.572	0.315	ug/L		11/12/24 06:44	11/17/24 20:56	1
1-Naphthylamine	<0.149	U	0.572	0.149	ug/L		11/12/24 06:44	11/17/24 20:56	1
2,6-Dichlorophenol	<0.118	U	0.572	0.118	ug/L		11/12/24 06:44	11/17/24 20:56	1
2-Acetylaminofluorene	<1.27	U *+	2.86	1.27	ug/L		11/12/24 06:44	11/17/24 20:56	1
2-Chlorophenol	<0.0757	U	0.572	0.0757	ug/L		11/12/24 06:44	11/17/24 20:56	1
2-Naphthylamine	<0.288	U	0.572	0.288	ug/L		11/12/24 06:44	11/17/24 20:56	1
2-Picoline	<0.123	U	0.572	0.123	ug/L		11/12/24 06:44	11/17/24 20:56	1
2-Toluidine	<0.306	U	0.572	0.306	ug/L		11/12/24 06:44	11/17/24 20:56	1
3,3'-Dichlorobenzidine	<0.183	U	0.572	0.183	ug/L		11/12/24 06:44	11/17/24 20:56	1
3,3'-Dimethylbenzidine	<0.142	U	0.572	0.142	ug/L		11/12/24 06:44	11/17/24 20:56	1
3-Methylcholanthrene	<0.104	U	0.572	0.104	ug/L		11/12/24 06:44	11/17/24 20:56	1
4-Nitroquinoline-1-oxide	<0.731	U	1.14	0.731	ug/L		11/12/24 06:44	11/17/24 20:56	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.572	0.241	ug/L		11/12/24 06:44	11/17/24 20:56	1
alpha,alpha-Dimethyl phenethylamine	<3.68	U *- *1	5.72	3.68	ug/L		11/12/24 06:44	11/17/24 20:56	1
Aramite Peak 1	<0.0786	U *+	0.572	0.0786	ug/L		11/12/24 06:44	11/17/24 20:56	1
Aramite Peak 2	<0.0955	U	0.572	0.0955	ug/L		11/12/24 06:44	11/17/24 20:56	1
Aramite, Total	<0.0955	U	0.572	0.0955	ug/L		11/12/24 06:44	11/17/24 20:56	1
Diallate	<0.0836	U	0.572	0.0836	ug/L		11/12/24 06:44	11/17/24 20:56	1
Diallate Peak 1	<0.0836	U	0.572	0.0836	ug/L		11/12/24 06:44	11/17/24 20:56	1
Diallate Peak 2	<0.0386	U	0.572	0.0386	ug/L		11/12/24 06:44	11/17/24 20:56	1
Dimethoate	<0.122	U *+	0.572	0.122	ug/L		11/12/24 06:44	11/17/24 20:56	1
Dinoseb	<0.570	U *+	2.86	0.570	ug/L		11/12/24 06:44	11/17/24 20:56	1
Disulfoton	<0.203	U *+	0.572	0.203	ug/L		11/12/24 06:44	11/17/24 20:56	1
Ethyl methanesulfonate	<0.227	U	0.572	0.227	ug/L		11/12/24 06:44	11/17/24 20:56	1
Ethyl Parathion	<0.0503	U *+	0.229	0.0503	ug/L		11/12/24 06:44	11/17/24 20:56	1
Famphur	<0.151	U *+	1.14	0.151	ug/L		11/12/24 06:44	11/17/24 20:56	1
Hexachloropropene	<0.300	U *-	0.572	0.300	ug/L		11/12/24 06:44	11/17/24 20:56	1
Isosafrole	<0.241	U	0.572	0.241	ug/L		11/12/24 06:44	11/17/24 20:56	1
Isosafrole Peak 1	<0.0464	U	0.572	0.0464	ug/L		11/12/24 06:44	11/17/24 20:56	1
Isosafrole Peak 2	<0.241	U	0.572	0.241	ug/L		11/12/24 06:44	11/17/24 20:56	1
Methapyrilene	<1.00	U *+	2.29	1.00	ug/L		11/12/24 06:44	11/17/24 20:56	1
Methyl methanesulfonate	<0.120	U	0.572	0.120	ug/L		11/12/24 06:44	11/17/24 20:56	1
Methyl parathion	<0.320	U *+	0.572	0.320	ug/L		11/12/24 06:44	11/17/24 20:56	1
N-Nitrosodiethylamine	<0.539	U	1.14	0.539	ug/L		11/12/24 06:44	11/17/24 20:56	1
N-Nitrosodimethylamine	<0.100	U *-	0.572	0.100	ug/L		11/12/24 06:44	11/17/24 20:56	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/12/24 06:44	11/17/24 20:56	1

Client Sample ID: MW-65

Date Collected: 11/05/24 11:58
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosomethylethylamine	<0.294	U	0.572	0.294	ug/L		11/12/24 06:44	11/17/24 20:56	1
N-Nitrosomorpholine	<0.221	U	0.572	0.221	ug/L		11/12/24 06:44	11/17/24 20:56	1
N-Nitrosopyrrolidine	<0.268	U *- *1	0.572	0.268	ug/L		11/12/24 06:44	11/17/24 20:56	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.572	0.138	ug/L		11/12/24 06:44	11/17/24 20:56	1
p-Dimethylamino azobenzene	<0.0238	U *+	0.572	0.0238	ug/L		11/12/24 06:44	11/17/24 20:56	1
Pentachloronitrobenzene	<0.100	U	0.572	0.100	ug/L		11/12/24 06:44	11/17/24 20:56	1
Phenacetin	<0.100	U	0.572	0.100	ug/L		11/12/24 06:44	11/17/24 20:56	1
Phorate	<0.222	U *+	0.572	0.222	ug/L		11/12/24 06:44	11/17/24 20:56	1
p-Phenylene diamine	<0.501	U *- *1	1.14	0.501	ug/L		11/12/24 06:44	11/17/24 20:56	1
Pronamide	<0.100	U *+	0.572	0.100	ug/L		11/12/24 06:44	11/17/24 20:56	1
Safrole, Total	<0.0572	U	0.572	0.0572	ug/L		11/12/24 06:44	11/17/24 20:56	1
Sulfotepp	<0.147	U *+	0.572	0.147	ug/L		11/12/24 06:44	11/17/24 20:56	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/12/24 06:44	11/17/24 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*110*		*35 - 130*	*11/12/24 06:44*	*11/17/24 20:56*	*1*
2-Fluorobiphenyl	*76*		*43 - 130*	*11/12/24 06:44*	*11/17/24 20:56*	*1*
2-Fluorophenol (Surr)	*49*		*19 - 120*	*11/12/24 06:44*	*11/17/24 20:56*	*1*
Nitrobenzene-d5 (Surr)	*88*		*37 - 133*	*11/12/24 06:44*	*11/17/24 20:56*	*1*
Phenol-d5 (Surr)	*26*		*8 - 124*	*11/12/24 06:44*	*11/17/24 20:56*	*1*
p-Terphenyl-d14	*82*		*47 - 130*	*11/12/24 06:44*	*11/17/24 20:56*	*1*

Client Sample ID: MW-67

Date Collected: 11/05/24 13:01
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/10/24 07:38	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/10/24 07:38	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/10/24 07:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/10/24 07:38	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/10/24 07:38	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/10/24 07:38	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/10/24 07:38	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/10/24 07:38	1
1,2,4-Trimethylbenzene	**3.02**		1.00	0.417	ug/L			11/10/24 07:38	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/10/24 07:38	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/10/24 07:38	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/10/24 07:38	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/10/24 07:38	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/10/24 07:38	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/10/24 07:38	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/10/24 07:38	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/10/24 07:38	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/10/24 07:38	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/10/24 07:38	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/10/24 07:38	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/10/24 07:38	1
Acetone	<3.07	U	100	3.07	ug/L			11/10/24 07:38	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: MW-67
Date Collected: 11/05/24 13:01
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	<14.6	U	100	14.6	ug/L			11/10/24 07:38	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/10/24 07:38	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/10/24 07:38	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/10/24 07:38	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/10/24 07:38	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/10/24 07:38	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/10/24 07:38	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/10/24 07:38	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/10/24 07:38	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/10/24 07:38	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/10/24 07:38	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/10/24 07:38	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/10/24 07:38	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/10/24 07:38	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/10/24 07:38	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/10/24 07:38	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/10/24 07:38	1
Cumene (isopropylbenzene)	**21.2**		1.00	0.592	ug/L			11/10/24 07:38	1
Cyclohexane	**138**		5.00	1.29	ug/L			11/10/24 07:38	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/10/24 07:38	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/10/24 07:38	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/10/24 07:38	1
Ethylbenzene	**14.9**		1.00	0.385	ug/L			11/10/24 07:38	1
Hexane	**6.07**		5.00	0.517	ug/L			11/10/24 07:38	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/10/24 07:38	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/10/24 07:38	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/10/24 07:38	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/10/24 07:38	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/10/24 07:38	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/10/24 07:38	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/10/24 07:38	1
Propylbenzene	**31.0**		1.00	0.429	ug/L			11/10/24 07:38	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/10/24 07:38	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/10/24 07:38	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/10/24 07:38	1
Toluene	**3.76**		1.00	0.475	ug/L			11/10/24 07:38	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/10/24 07:38	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/10/24 07:38	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/10/24 07:38	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/10/24 07:38	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/10/24 07:38	1
Vinyl acetate	<2.14	U *1	20.0	2.14	ug/L			11/10/24 07:38	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/10/24 07:38	1
Xylenes, Total	**27.0**		10.0	1.24	ug/L			11/10/24 07:38	1
m,p-Xylenes	**0.0242**		0.0100	0.00124	mg/L			11/10/24 07:38	1
o-Xylene	**0.00282**		0.00100	0.000502	mg/L			11/10/24 07:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 144*		*11/10/24 07:38*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*11/10/24 07:38*	*1*

Client Sample ID: MW-67

Date Collected: 11/05/24 13:01
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-5

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*93*		*75 - 131*		*11/10/24 07:38*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/10/24 07:38*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**135**		5.00	2.30	ug/L			11/11/24 18:28	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*63 - 144*		*11/11/24 18:28*	*5*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*11/11/24 18:28*	*5*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*11/11/24 18:28*	*5*
Toluene-d8 (Surr)	*93*		*80 - 120*		*11/11/24 18:28*	*5*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0764	U	0.570	0.0764	ug/L		11/12/24 06:44	11/17/24 21:26	1
1,2-Dichlorobenzene	<0.0938	U	0.570	0.0938	ug/L		11/12/24 06:44	11/17/24 21:26	1
1,3-Dichlorobenzene	<0.101	U	0.570	0.101	ug/L		11/12/24 06:44	11/17/24 21:26	1
1,4-Dichlorobenzene	<0.0777	U	0.570	0.0777	ug/L		11/12/24 06:44	11/17/24 21:26	1
2,2'-oxybis[1-chloropropane]	<1.42	U *+	2.85	1.42	ug/L		11/12/24 06:44	11/17/24 21:26	1
2,4,5-Trichlorophenol	<0.143	U	0.570	0.143	ug/L		11/12/24 06:44	11/17/24 21:26	1
2,4,6-Trichlorophenol	<0.230	U	0.570	0.230	ug/L		11/12/24 06:44	11/17/24 21:26	1
2,4-Dichlorophenol	<0.140	U	0.570	0.140	ug/L		11/12/24 06:44	11/17/24 21:26	1
2,4-Dimethylphenol	<0.192	U *+	0.570	0.192	ug/L		11/12/24 06:44	11/17/24 21:26	1
1,4-Dioxane	<0.0887	U	0.570	0.0887	ug/L		11/12/24 06:44	11/17/24 21:26	1
2,4-Dinitrophenol	<0.104	U	2.85	0.104	ug/L		11/12/24 06:44	11/17/24 21:26	1
2,4-Dinitrotoluene	<0.204	U	0.570	0.204	ug/L		11/12/24 06:44	11/17/24 21:26	1
2,6-Dinitrotoluene	<0.116	U	0.570	0.116	ug/L		11/12/24 06:44	11/17/24 21:26	1
2-Chloronaphthalene	<0.377	U	0.570	0.377	ug/L		11/12/24 06:44	11/17/24 21:26	1
2-Methylphenol	<0.104	U	0.570	0.104	ug/L		11/12/24 06:44	11/17/24 21:26	1
2-Nitroaniline	<0.149	U	0.570	0.149	ug/L		11/12/24 06:44	11/17/24 21:26	1
2-Nitrophenol	<0.136	U	0.570	0.136	ug/L		11/12/24 06:44	11/17/24 21:26	1
3 & 4 Methylphenol	<0.138	U	0.570	0.138	ug/L		11/12/24 06:44	11/17/24 21:26	1
3-Nitroaniline	<0.0850	U	0.570	0.0850	ug/L		11/12/24 06:44	11/17/24 21:26	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/12/24 06:44	11/17/24 21:26	1
4-Bromophenyl phenyl ether	<0.100	U	0.570	0.100	ug/L		11/12/24 06:44	11/17/24 21:26	1
4-Chloro-3-methylphenol	<0.103	U	0.570	0.103	ug/L		11/12/24 06:44	11/17/24 21:26	1
4-Chloroaniline	<0.0384	U	0.570	0.0384	ug/L		11/12/24 06:44	11/17/24 21:26	1
4-Chlorophenyl phenyl ether	<0.130	U	0.570	0.130	ug/L		11/12/24 06:44	11/17/24 21:26	1
4-Nitroaniline	<0.108	U	0.570	0.108	ug/L		11/12/24 06:44	11/17/24 21:26	1
Acenaphthene	<0.107	U	0.570	0.107	ug/L		11/12/24 06:44	11/17/24 21:26	1
Acenaphthylene	<0.0994	U	0.570	0.0994	ug/L		11/12/24 06:44	11/17/24 21:26	1
Aniline	<0.0578	U	0.570	0.0578	ug/L		11/12/24 06:44	11/17/24 21:26	1
Anthracene	<0.0935	U	0.570	0.0935	ug/L		11/12/24 06:44	11/17/24 21:26	1
Benzo[a]anthracene	<0.0285	U	0.0285	0.0285	ug/L		11/12/24 06:44	11/17/24 21:26	1
Benzo[a]pyrene	<0.0299	U	0.0570	0.0299	ug/L		11/12/24 06:44	11/17/24 21:26	1
Benzo[b]fluoranthene	<0.0662	U	0.570	0.0662	ug/L		11/12/24 06:44	11/17/24 21:26	1
Benzo[g,h,i]perylene	<0.0344	U	0.570	0.0344	ug/L		11/12/24 06:44	11/17/24 21:26	1
Benzo[k]fluoranthene	<0.0471	U	0.570	0.0471	ug/L		11/12/24 06:44	11/17/24 21:26	1
Benzyl alcohol	<0.598	U *-	1.14	0.598	ug/L		11/12/24 06:44	11/17/24 21:26	1

Client Sample ID: MW-67
Lab Sample ID: 860-86517-5
Date Collected: 11/05/24 13:01
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	<0.0972	U	0.570	0.0972	ug/L		11/12/24 06:44	11/17/24 21:26	1
Bis(2-chloroethyl)ether	<0.214	U	0.570	0.214	ug/L		11/12/24 06:44	11/17/24 21:26	1
Bis(2-ethylhexyl) phthalate	<0.897	U	1.14	0.897	ug/L		11/12/24 06:44	11/17/24 21:26	1
Butyl benzyl phthalate	<0.499	U	1.14	0.499	ug/L		11/12/24 06:44	11/17/24 21:26	1
Chrysene	<0.0813	U	0.570	0.0813	ug/L		11/12/24 06:44	11/17/24 21:26	1
Dibenz(a,h)anthracene	<0.0507	U	0.114	0.0507	ug/L		11/12/24 06:44	11/17/24 21:26	1
Dibenzofuran	<0.106	U	0.570	0.106	ug/L		11/12/24 06:44	11/17/24 21:26	1
Diethyl phthalate	<0.154	U	1.14	0.154	ug/L		11/12/24 06:44	11/17/24 21:26	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/12/24 06:44	11/17/24 21:26	1
Di-n-butyl phthalate	<0.763	U	1.14	0.763	ug/L		11/12/24 06:44	11/17/24 21:26	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/12/24 06:44	11/17/24 21:26	1
Fluoranthene	<0.0881	U	0.570	0.0881	ug/L		11/12/24 06:44	11/17/24 21:26	1
Fluorene	<0.0945	U	0.570	0.0945	ug/L		11/12/24 06:44	11/17/24 21:26	1
Hexachlorobenzene	<0.0972	U	0.570	0.0972	ug/L		11/12/24 06:44	11/17/24 21:26	1
Hexachlorobutadiene	<0.102	U	0.570	0.102	ug/L		11/12/24 06:44	11/17/24 21:26	1
Hexachlorocyclopentadiene	<0.0511	U	0.570	0.0511	ug/L		11/12/24 06:44	11/17/24 21:26	1
Hexachloroethane	<0.102	U	0.570	0.102	ug/L		11/12/24 06:44	11/17/24 21:26	1
Indeno[1,2,3-cd]pyrene	<0.0997	U	0.570	0.0997	ug/L		11/12/24 06:44	11/17/24 21:26	1
Isophorone	<0.106	U	0.570	0.106	ug/L		11/12/24 06:44	11/17/24 21:26	1
Nitrobenzene	<0.0734	U	0.570	0.0734	ug/L		11/12/24 06:44	11/17/24 21:26	1
N-Nitrosodi-n-propylamine	<0.118	U	0.570	0.118	ug/L		11/12/24 06:44	11/17/24 21:26	1
N-Nitrosodiphenylamine	<0.144	U	0.570	0.144	ug/L		11/12/24 06:44	11/17/24 21:26	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/12/24 06:44	11/17/24 21:26	1
Phenanthrene	<0.134	U	0.570	0.134	ug/L		11/12/24 06:44	11/17/24 21:26	1
Phenol	<0.447	U	2.85	0.447	ug/L		11/12/24 06:44	11/17/24 21:26	1
Pyrene	<0.0846	U	0.570	0.0846	ug/L		11/12/24 06:44	11/17/24 21:26	1
Pyridine	<1.43	U	2.85	1.43	ug/L		11/12/24 06:44	11/17/24 21:26	1
N-Nitro-o-toluidine	<0.519	U	1.14	0.519	ug/L		11/12/24 06:44	11/17/24 21:26	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.570	0.210	ug/L		11/12/24 06:44	11/17/24 21:26	1
Acetophenone	**2.30**	**I**	1.14	0.622	ug/L		11/12/24 06:44	11/17/24 21:26	1
N-Nitrosopiperidine	<0.466	U	1.14	0.466	ug/L		11/12/24 06:44	11/17/24 21:26	1
Pentachlorobenzene	<0.265	U	0.570	0.265	ug/L		11/12/24 06:44	11/17/24 21:26	1
Diphenyl ether	**0.465**	**J I**	0.570	0.0907	ug/L		11/12/24 06:44	11/17/24 21:26	1
1,1'-Biphenyl	<0.0979	U	0.570	0.0979	ug/L		11/12/24 06:44	11/17/24 21:26	1
4-Aminobiphenyl	<0.393	U	0.570	0.393	ug/L		11/12/24 06:44	11/17/24 21:26	1
1,2,4,5-Tetrachlorobenzene	<0.0955	U	0.570	0.0955	ug/L		11/12/24 06:44	11/17/24 21:26	1
1,3,5-Trinitrobenzene	<0.118	U	0.570	0.118	ug/L		11/12/24 06:44	11/17/24 21:26	1
1,3-Dinitrobenzene	<0.0771	U	0.570	0.0771	ug/L		11/12/24 06:44	11/17/24 21:26	1
1,4-Naphthoquinone	<0.313	U	0.570	0.313	ug/L		11/12/24 06:44	11/17/24 21:26	1
1-Naphthylamine	<0.148	U	0.570	0.148	ug/L		11/12/24 06:44	11/17/24 21:26	1
2,6-Dichlorophenol	<0.118	U	0.570	0.118	ug/L		11/12/24 06:44	11/17/24 21:26	1
2-Acetylaminofluorene	<1.26	U	2.85	1.26	ug/L		11/12/24 06:44	11/17/24 21:26	1
2-Chlorophenol	<0.0754	U	0.570	0.0754	ug/L		11/12/24 06:44	11/17/24 21:26	1
2-Naphthylamine	<0.287	U	0.570	0.287	ug/L		11/12/24 06:44	11/17/24 21:26	1
2-Picoline	<0.122	U	0.570	0.122	ug/L		11/12/24 06:44	11/17/24 21:26	1
3,3'-Dichlorobenzidine	<0.183	U	0.570	0.183	ug/L		11/12/24 06:44	11/17/24 21:26	1
3,3'-Dimethylbenzidine	<0.141	U	0.570	0.141	ug/L		11/12/24 06:44	11/17/24 21:26	1
3-Methylcholanthrene	<0.104	U	0.570	0.104	ug/L		11/12/24 06:44	11/17/24 21:26	1
4-Nitroquinoline-1-oxide	<0.728	U	1.14	0.728	ug/L		11/12/24 06:44	11/17/24 21:26	1

Client Sample ID: MW-67

Date Collected: 11/05/24 13:01
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-5

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
7,12-Dimethylbenz(a)anthracene	<0.240	U	0.570	0.240	ug/L		11/12/24 06:44	11/17/24 21:26	1
alpha,alpha-Dimethyl phenethylamine	<3.66	U *- *1	5.70	3.66	ug/L		11/12/24 06:44	11/17/24 21:26	1
Aramite Peak 1	<0.0783	U *+	0.570	0.0783	ug/L		11/12/24 06:44	11/17/24 21:26	1
Aramite Peak 2	<0.0951	U	0.570	0.0951	ug/L		11/12/24 06:44	11/17/24 21:26	1
Aramite, Total	<0.0951	U	0.570	0.0951	ug/L		11/12/24 06:44	11/17/24 21:26	1
Diallate	<0.0832	U	0.570	0.0832	ug/L		11/12/24 06:44	11/17/24 21:26	1
Diallate Peak 1	<0.0832	U	0.570	0.0832	ug/L		11/12/24 06:44	11/17/24 21:26	1
Diallate Peak 2	<0.0384	U	0.570	0.0384	ug/L		11/12/24 06:44	11/17/24 21:26	1
Dimethoate	<0.121	U *+	0.570	0.121	ug/L		11/12/24 06:44	11/17/24 21:26	1
Dinoseb	<0.568	U *+	2.85	0.568	ug/L		11/12/24 06:44	11/17/24 21:26	1
Disulfoton	<0.202	U *+	0.570	0.202	ug/L		11/12/24 06:44	11/17/24 21:26	1
Ethyl methanesulfonate	<0.226	U	0.570	0.226	ug/L		11/12/24 06:44	11/17/24 21:26	1
Ethyl Parathion	<0.0501	U *+	0.228	0.0501	ug/L		11/12/24 06:44	11/17/24 21:26	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/12/24 06:44	11/17/24 21:26	1
Hexachloropropene	<0.299	U *-	0.570	0.299	ug/L		11/12/24 06:44	11/17/24 21:26	1
Isosafrole	<0.240	U	0.570	0.240	ug/L		11/12/24 06:44	11/17/24 21:26	1
Isosafrole Peak 1	<0.0462	U	0.570	0.0462	ug/L		11/12/24 06:44	11/17/24 21:26	1
Isosafrole Peak 2	<0.240	U	0.570	0.240	ug/L		11/12/24 06:44	11/17/24 21:26	1
Methapyrilene	<0.997	U *+	2.28	0.997	ug/L		11/12/24 06:44	11/17/24 21:26	1
Methyl methanesulfonate	<0.120	U	0.570	0.120	ug/L		11/12/24 06:44	11/17/24 21:26	1
Methyl parathion	<0.318	U *+	0.570	0.318	ug/L		11/12/24 06:44	11/17/24 21:26	1
N-Nitrosodiethylamine	<0.537	U	1.14	0.537	ug/L		11/12/24 06:44	11/17/24 21:26	1
N-Nitrosodimethylamine	<0.0997	U *-	0.570	0.0997	ug/L		11/12/24 06:44	11/17/24 21:26	1
N-Nitrosodi-n-butylamine	<0.514	U	1.14	0.514	ug/L		11/12/24 06:44	11/17/24 21:26	1
N-Nitrosomethylethylamine	<0.293	U	0.570	0.293	ug/L		11/12/24 06:44	11/17/24 21:26	1
N-Nitrosomorpholine	<0.220	U	0.570	0.220	ug/L		11/12/24 06:44	11/17/24 21:26	1
N-Nitrosopyrrolidine	<0.267	U *- *1	0.570	0.267	ug/L		11/12/24 06:44	11/17/24 21:26	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.570	0.138	ug/L		11/12/24 06:44	11/17/24 21:26	1
p-Dimethylamino azobenzene	<0.0237	U *+	0.570	0.0237	ug/L		11/12/24 06:44	11/17/24 21:26	1
Pentachloronitrobenzene	<0.0997	U	0.570	0.0997	ug/L		11/12/24 06:44	11/17/24 21:26	1
Phenacetin	<0.0997	U	0.570	0.0997	ug/L		11/12/24 06:44	11/17/24 21:26	1
Phorate	<0.221	U *+	0.570	0.221	ug/L		11/12/24 06:44	11/17/24 21:26	1
p-Phenylene diamine	<0.499	U *- *1	1.14	0.499	ug/L		11/12/24 06:44	11/17/24 21:26	1
Pronamide	<0.0997	U *+	0.570	0.0997	ug/L		11/12/24 06:44	11/17/24 21:26	1
Safrole, Total	<0.0569	U	0.570	0.0569	ug/L		11/12/24 06:44	11/17/24 21:26	1
Sulfotepp	<0.146	U *+	0.570	0.146	ug/L		11/12/24 06:44	11/17/24 21:26	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/12/24 06:44	11/17/24 21:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*105*		*35 - 130*	*11/12/24 06:44*	*11/17/24 21:26*	*1*
2-Fluorobiphenyl	*71*		*43 - 130*	*11/12/24 06:44*	*11/17/24 21:26*	*1*
2-Fluorophenol (Surr)	*55*		*19 - 120*	*11/12/24 06:44*	*11/17/24 21:26*	*1*
Nitrobenzene-d5 (Surr)	*93*		*37 - 133*	*11/12/24 06:44*	*11/17/24 21:26*	*1*
Phenol-d5 (Surr)	*40*		*8 - 124*	*11/12/24 06:44*	*11/17/24 21:26*	*1*
p-Terphenyl-d14	*76*		*47 - 130*	*11/12/24 06:44*	*11/17/24 21:26*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**245**		11.4	1.88	ug/L		11/12/24 06:44	11/26/24 23:35	20

Client Sample ID: MW-67

Date Collected: 11/05/24 13:01
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-5
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*35 - 130*	*11/12/24 06:44*	*11/26/24 23:35*	*20*
2-Fluorobiphenyl	*112*		*43 - 130*	*11/12/24 06:44*	*11/26/24 23:35*	*20*
2-Fluorophenol (Surr)	*82*		*19 - 120*	*11/12/24 06:44*	*11/26/24 23:35*	*20*
Nitrobenzene-d5 (Surr)	*122*		*37 - 133*	*11/12/24 06:44*	*11/26/24 23:35*	*20*
Phenol-d5 (Surr)	*77*	*I*	*8 - 124*	*11/12/24 06:44*	*11/26/24 23:35*	*20*
p-Terphenyl-d14	*126*		*47 - 130*	*11/12/24 06:44*	*11/26/24 23:35*	*20*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**22.7**		0.570	0.0601	ug/L		11/12/24 06:44	11/24/24 05:01	1
2-Toluidine	**0.739**		0.570	0.305	ug/L		11/12/24 06:44	11/24/24 05:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*100*		*35 - 130*	*11/12/24 06:44*	*11/24/24 05:01*	*1*
2-Fluorobiphenyl	*81*		*43 - 130*	*11/12/24 06:44*	*11/24/24 05:01*	*1*
2-Fluorophenol (Surr)	*61*		*19 - 120*	*11/12/24 06:44*	*11/24/24 05:01*	*1*
Nitrobenzene-d5 (Surr)	*110*		*37 - 133*	*11/12/24 06:44*	*11/24/24 05:01*	*1*
Phenol-d5 (Surr)	*43*		*8 - 124*	*11/12/24 06:44*	*11/24/24 05:01*	*1*
p-Terphenyl-d14	*87*		*47 - 130*	*11/12/24 06:44*	*11/24/24 05:01*	*1*

Client Sample ID: MW-72

Date Collected: 11/05/24 13:41
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/10/24 08:01	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/10/24 08:01	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/10/24 08:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/10/24 08:01	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/10/24 08:01	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/10/24 08:01	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/10/24 08:01	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/10/24 08:01	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/10/24 08:01	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/10/24 08:01	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/10/24 08:01	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/10/24 08:01	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/10/24 08:01	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/10/24 08:01	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/10/24 08:01	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/10/24 08:01	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/10/24 08:01	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/10/24 08:01	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/10/24 08:01	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/10/24 08:01	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/10/24 08:01	1
Acetone	<3.07	U	100	3.07	ug/L			11/10/24 08:01	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/10/24 08:01	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/10/24 08:01	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/10/24 08:01	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: MW-72

Date Collected: 11/05/24 13:41
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-6

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/10/24 08:01	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/10/24 08:01	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/10/24 08:01	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/10/24 08:01	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/10/24 08:01	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/10/24 08:01	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/10/24 08:01	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/10/24 08:01	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/10/24 08:01	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/10/24 08:01	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/10/24 08:01	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/10/24 08:01	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/10/24 08:01	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/10/24 08:01	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/10/24 08:01	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/10/24 08:01	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/10/24 08:01	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/10/24 08:01	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/10/24 08:01	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/10/24 08:01	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/10/24 08:01	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/10/24 08:01	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/10/24 08:01	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/10/24 08:01	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/10/24 08:01	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/10/24 08:01	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/10/24 08:01	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/10/24 08:01	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/10/24 08:01	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/10/24 08:01	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/10/24 08:01	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/10/24 08:01	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/10/24 08:01	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/10/24 08:01	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/10/24 08:01	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/10/24 08:01	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/10/24 08:01	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/10/24 08:01	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/10/24 08:01	1
Vinyl acetate	<2.14	U *1	20.0	2.14	ug/L			11/10/24 08:01	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/10/24 08:01	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/10/24 08:01	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/10/24 08:01	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/10/24 08:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 144*		*11/10/24 08:01*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*11/10/24 08:01*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 131*		*11/10/24 08:01*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/10/24 08:01*	*1*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: MW-72

Date Collected: 11/05/24 13:41
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-6

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0763	U	0.569	0.0763	ug/L		11/12/24 06:44	11/17/24 21:57	1
1,2-Dichlorobenzene	<0.0937	U	0.569	0.0937	ug/L		11/12/24 06:44	11/17/24 21:57	1
1,3-Dichlorobenzene	<0.101	U	0.569	0.101	ug/L		11/12/24 06:44	11/17/24 21:57	1
1,4-Dichlorobenzene	<0.0776	U	0.569	0.0776	ug/L		11/12/24 06:44	11/17/24 21:57	1
2,2'-oxybis[1-chloropropane]	<1.42	U *+	2.84	1.42	ug/L		11/12/24 06:44	11/17/24 21:57	1
2,4,5-Trichlorophenol	<0.143	U	0.569	0.143	ug/L		11/12/24 06:44	11/17/24 21:57	1
2,4,6-Trichlorophenol	<0.230	U	0.569	0.230	ug/L		11/12/24 06:44	11/17/24 21:57	1
2,4-Dichlorophenol	<0.139	U	0.569	0.139	ug/L		11/12/24 06:44	11/17/24 21:57	1
2,4-Dimethylphenol	<0.191	U *+	0.569	0.191	ug/L		11/12/24 06:44	11/17/24 21:57	1
1,4-Dioxane	<0.0886	U	0.569	0.0886	ug/L		11/12/24 06:44	11/17/24 21:57	1
2,4-Dinitrophenol	<0.104	U	2.84	0.104	ug/L		11/12/24 06:44	11/17/24 21:57	1
2,4-Dinitrotoluene	<0.204	U	0.569	0.204	ug/L		11/12/24 06:44	11/17/24 21:57	1
2,6-Dinitrotoluene	<0.116	U	0.569	0.116	ug/L		11/12/24 06:44	11/17/24 21:57	1
2-Chloronaphthalene	<0.377	U	0.569	0.377	ug/L		11/12/24 06:44	11/17/24 21:57	1
2-Methylnaphthalene	**0.346**	**J**	0.569	0.0600	ug/L		11/12/24 06:44	11/17/24 21:57	1
2-Methylphenol	<0.104	U	0.569	0.104	ug/L		11/12/24 06:44	11/17/24 21:57	1
2-Nitroaniline	<0.148	U	0.569	0.148	ug/L		11/12/24 06:44	11/17/24 21:57	1
2-Nitrophenol	<0.135	U	0.569	0.135	ug/L		11/12/24 06:44	11/17/24 21:57	1
3 & 4 Methylphenol	<0.138	U	0.569	0.138	ug/L		11/12/24 06:44	11/17/24 21:57	1
3-Nitroaniline	<0.0849	U	0.569	0.0849	ug/L		11/12/24 06:44	11/17/24 21:57	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/12/24 06:44	11/17/24 21:57	1
4-Bromophenyl phenyl ether	<0.0999	U	0.569	0.0999	ug/L		11/12/24 06:44	11/17/24 21:57	1
4-Chloro-3-methylphenol	<0.103	U	0.569	0.103	ug/L		11/12/24 06:44	11/17/24 21:57	1
4-Chloroaniline	<0.0384	U	0.569	0.0384	ug/L		11/12/24 06:44	11/17/24 21:57	1
4-Chlorophenyl phenyl ether	<0.130	U	0.569	0.130	ug/L		11/12/24 06:44	11/17/24 21:57	1
4-Nitroaniline	<0.108	U	0.569	0.108	ug/L		11/12/24 06:44	11/17/24 21:57	1
Acenaphthene	<0.107	U	0.569	0.107	ug/L		11/12/24 06:44	11/17/24 21:57	1
Acenaphthylene	<0.0992	U	0.569	0.0992	ug/L		11/12/24 06:44	11/17/24 21:57	1
Aniline	<0.0577	U	0.569	0.0577	ug/L		11/12/24 06:44	11/17/24 21:57	1
Anthracene	<0.0934	U	0.569	0.0934	ug/L		11/12/24 06:44	11/17/24 21:57	1
Benzo[a]anthracene	<0.0284	U	0.0284	0.0284	ug/L		11/12/24 06:44	11/17/24 21:57	1
Benzo[a]pyrene	<0.0299	U	0.0569	0.0299	ug/L		11/12/24 06:44	11/17/24 21:57	1
Benzo[b]fluoranthene	<0.0661	U	0.569	0.0661	ug/L		11/12/24 06:44	11/17/24 21:57	1
Benzo[g,h,i]perylene	<0.0344	U	0.569	0.0344	ug/L		11/12/24 06:44	11/17/24 21:57	1
Benzo[k]fluoranthene	<0.0470	U	0.569	0.0470	ug/L		11/12/24 06:44	11/17/24 21:57	1
Benzyl alcohol	<0.597	U *-	1.14	0.597	ug/L		11/12/24 06:44	11/17/24 21:57	1
Bis(2-chloroethoxy)methane	<0.0970	U	0.569	0.0970	ug/L		11/12/24 06:44	11/17/24 21:57	1
Bis(2-chloroethyl)ether	<0.213	U	0.569	0.213	ug/L		11/12/24 06:44	11/17/24 21:57	1
Bis(2-ethylhexyl) phthalate	<0.896	U	1.14	0.896	ug/L		11/12/24 06:44	11/17/24 21:57	1
Butyl benzyl phthalate	<0.498	U	1.14	0.498	ug/L		11/12/24 06:44	11/17/24 21:57	1
Chrysene	<0.0812	U	0.569	0.0812	ug/L		11/12/24 06:44	11/17/24 21:57	1
Dibenz(a,h)anthracene	<0.0507	U	0.114	0.0507	ug/L		11/12/24 06:44	11/17/24 21:57	1
Dibenzofuran	<0.106	U	0.569	0.106	ug/L		11/12/24 06:44	11/17/24 21:57	1
Diethyl phthalate	<0.154	U	1.14	0.154	ug/L		11/12/24 06:44	11/17/24 21:57	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/12/24 06:44	11/17/24 21:57	1
Di-n-butyl phthalate	<0.762	U	1.14	0.762	ug/L		11/12/24 06:44	11/17/24 21:57	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/12/24 06:44	11/17/24 21:57	1
Fluoranthene	<0.0879	U	0.569	0.0879	ug/L		11/12/24 06:44	11/17/24 21:57	1
Fluorene	<0.0944	U	0.569	0.0944	ug/L		11/12/24 06:44	11/17/24 21:57	1

Client Sample ID: MW-72
Lab Sample ID: 860-86517-6
Date Collected: 11/05/24 13:41
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	<0.0971	U	0.569	0.0971	ug/L		11/12/24 06:44	11/17/24 21:57	1
Hexachlorobutadiene	<0.102	U	0.569	0.102	ug/L		11/12/24 06:44	11/17/24 21:57	1
Hexachlorocyclopentadiene	<0.0510	U	0.569	0.0510	ug/L		11/12/24 06:44	11/17/24 21:57	1
Hexachloroethane	<0.101	U	0.569	0.101	ug/L		11/12/24 06:44	11/17/24 21:57	1
Indeno[1,2,3-cd]pyrene	<0.0996	U	0.569	0.0996	ug/L		11/12/24 06:44	11/17/24 21:57	1
Isophorone	<0.106	U	0.569	0.106	ug/L		11/12/24 06:44	11/17/24 21:57	1
Naphthalene	**1.86**		0.569	0.0940	ug/L		11/12/24 06:44	11/17/24 21:57	1
Nitrobenzene	<0.0733	U	0.569	0.0733	ug/L		11/12/24 06:44	11/17/24 21:57	1
N-Nitrosodi-n-propylamine	<0.118	U	0.569	0.118	ug/L		11/12/24 06:44	11/17/24 21:57	1
N-Nitrosodiphenylamine	<0.144	U	0.569	0.144	ug/L		11/12/24 06:44	11/17/24 21:57	1
Pentachlorophenol	<1.03	U	1.14	1.03	ug/L		11/12/24 06:44	11/17/24 21:57	1
Phenanthrene	<0.133	U	0.569	0.133	ug/L		11/12/24 06:44	11/17/24 21:57	1
Phenol	<0.446	U	2.84	0.446	ug/L		11/12/24 06:44	11/17/24 21:57	1
Pyrene	<0.0845	U	0.569	0.0845	ug/L		11/12/24 06:44	11/17/24 21:57	1
Pyridine	<1.43	U	2.84	1.43	ug/L		11/12/24 06:44	11/17/24 21:57	1
N-Nitro-o-toluidine	<0.518	U	1.14	0.518	ug/L		11/12/24 06:44	11/17/24 21:57	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.569	0.210	ug/L		11/12/24 06:44	11/17/24 21:57	1
Acetophenone	<0.621	U	1.14	0.621	ug/L		11/12/24 06:44	11/17/24 21:57	1
N-Nitrosopiperidine	<0.465	U	1.14	0.465	ug/L		11/12/24 06:44	11/17/24 21:57	1
Pentachlorobenzene	<0.265	U	0.569	0.265	ug/L		11/12/24 06:44	11/17/24 21:57	1
Diphenyl ether	<0.0906	U	0.569	0.0906	ug/L		11/12/24 06:44	11/17/24 21:57	1
1,1'-Biphenyl	<0.0977	U	0.569	0.0977	ug/L		11/12/24 06:44	11/17/24 21:57	1
4-Aminobiphenyl	<0.392	U	0.569	0.392	ug/L		11/12/24 06:44	11/17/24 21:57	1
1,2,4,5-Tetrachlorobenzene	<0.0953	U	0.569	0.0953	ug/L		11/12/24 06:44	11/17/24 21:57	1
1,3,5-Trinitrobenzene	<0.118	U	0.569	0.118	ug/L		11/12/24 06:44	11/17/24 21:57	1
1,3-Dinitrobenzene	<0.0770	U	0.569	0.0770	ug/L		11/12/24 06:44	11/17/24 21:57	1
1,4-Naphthoquinone	<0.313	U	0.569	0.313	ug/L		11/12/24 06:44	11/17/24 21:57	1
1-Naphthylamine	<0.148	U	0.569	0.148	ug/L		11/12/24 06:44	11/17/24 21:57	1
2,6-Dichlorophenol	<0.118	U	0.569	0.118	ug/L		11/12/24 06:44	11/17/24 21:57	1
2-Acetylaminofluorene	<1.26	U *+	2.84	1.26	ug/L		11/12/24 06:44	11/17/24 21:57	1
2-Chlorophenol	<0.0753	U	0.569	0.0753	ug/L		11/12/24 06:44	11/17/24 21:57	1
2-Naphthylamine	<0.287	U	0.569	0.287	ug/L		11/12/24 06:44	11/17/24 21:57	1
2-Picoline	<0.122	U	0.569	0.122	ug/L		11/12/24 06:44	11/17/24 21:57	1
2-Toluidine	<0.305	U	0.569	0.305	ug/L		11/12/24 06:44	11/17/24 21:57	1
3,3'-Dichlorobenzidine	<0.182	U	0.569	0.182	ug/L		11/12/24 06:44	11/17/24 21:57	1
3,3'-Dimethylbenzidine	<0.141	U	0.569	0.141	ug/L		11/12/24 06:44	11/17/24 21:57	1
3-Methylcholanthrene	<0.104	U	0.569	0.104	ug/L		11/12/24 06:44	11/17/24 21:57	1
4-Nitroquinoline-1-oxide	<0.727	U	1.14	0.727	ug/L		11/12/24 06:44	11/17/24 21:57	1
7,12-Dimethylbenz(a)anthracene	<0.240	U	0.569	0.240	ug/L		11/12/24 06:44	11/17/24 21:57	1
alpha,alpha-Dimethyl phenethylamine	<3.65	U *- *1	5.69	3.65	ug/L		11/12/24 06:44	11/17/24 21:57	1
Aramite Peak 1	<0.0782	U *+	0.569	0.0782	ug/L		11/12/24 06:44	11/17/24 21:57	1
Aramite Peak 2	<0.0950	U	0.569	0.0950	ug/L		11/12/24 06:44	11/17/24 21:57	1
Aramite, Total	<0.0950	U	0.569	0.0950	ug/L		11/12/24 06:44	11/17/24 21:57	1
Diallate	<0.0831	U	0.569	0.0831	ug/L		11/12/24 06:44	11/17/24 21:57	1
Diallate Peak 1	<0.0831	U	0.569	0.0831	ug/L		11/12/24 06:44	11/17/24 21:57	1
Diallate Peak 2	<0.0384	U	0.569	0.0384	ug/L		11/12/24 06:44	11/17/24 21:57	1
Dimethoate	<0.121	U *+	0.569	0.121	ug/L		11/12/24 06:44	11/17/24 21:57	1
Dinoseb	<0.567	U *+	2.84	0.567	ug/L		11/12/24 06:44	11/17/24 21:57	1
Disulfoton	<0.202	U *+	0.569	0.202	ug/L		11/12/24 06:44	11/17/24 21:57	1

Client Sample ID: MW-72

Date Collected: 11/05/24 13:41
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl methanesulfonate	<0.226	U	0.569	0.226	ug/L		11/12/24 06:44	11/17/24 21:57	1
Ethyl Parathion	<0.0500	U *+	0.228	0.0500	ug/L		11/12/24 06:44	11/17/24 21:57	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/12/24 06:44	11/17/24 21:57	1
Hexachloropropene	<0.298	U *-	0.569	0.298	ug/L		11/12/24 06:44	11/17/24 21:57	1
Isosafrole	<0.240	U	0.569	0.240	ug/L		11/12/24 06:44	11/17/24 21:57	1
Isosafrole Peak 1	<0.0461	U	0.569	0.0461	ug/L		11/12/24 06:44	11/17/24 21:57	1
Isosafrole Peak 2	<0.240	U	0.569	0.240	ug/L		11/12/24 06:44	11/17/24 21:57	1
Methapyrilene	<0.995	U *+	2.28	0.995	ug/L		11/12/24 06:44	11/17/24 21:57	1
Methyl methanesulfonate	<0.119	U	0.569	0.119	ug/L		11/12/24 06:44	11/17/24 21:57	1
Methyl parathion	<0.318	U *+	0.569	0.318	ug/L		11/12/24 06:44	11/17/24 21:57	1
N-Nitrosodiethylamine	<0.536	U	1.14	0.536	ug/L		11/12/24 06:44	11/17/24 21:57	1
N-Nitrosodimethylamine	<0.0996	U *-	0.569	0.0996	ug/L		11/12/24 06:44	11/17/24 21:57	1
N-Nitrosodi-n-butylamine	<0.513	U	1.14	0.513	ug/L		11/12/24 06:44	11/17/24 21:57	1
N-Nitrosomethylethylamine	<0.293	U	0.569	0.293	ug/L		11/12/24 06:44	11/17/24 21:57	1
N-Nitrosomorpholine	<0.219	U	0.569	0.219	ug/L		11/12/24 06:44	11/17/24 21:57	1
N-Nitrosopyrrolidine	<0.267	U *- *1	0.569	0.267	ug/L		11/12/24 06:44	11/17/24 21:57	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.569	0.138	ug/L		11/12/24 06:44	11/17/24 21:57	1
p-Dimethylamino azobenzene	<0.0237	U *+	0.569	0.0237	ug/L		11/12/24 06:44	11/17/24 21:57	1
Pentachloronitrobenzene	<0.0996	U	0.569	0.0996	ug/L		11/12/24 06:44	11/17/24 21:57	1
Phenacetin	<0.0996	U	0.569	0.0996	ug/L		11/12/24 06:44	11/17/24 21:57	1
Phorate	<0.220	U *+	0.569	0.220	ug/L		11/12/24 06:44	11/17/24 21:57	1
p-Phenylene diamine	<0.498	U *- *1	1.14	0.498	ug/L		11/12/24 06:44	11/17/24 21:57	1
Pronamide	<0.0996	U *+	0.569	0.0996	ug/L		11/12/24 06:44	11/17/24 21:57	1
Safrole, Total	<0.0569	U	0.569	0.0569	ug/L		11/12/24 06:44	11/17/24 21:57	1
Sulfotepp	<0.146	U *+	0.569	0.146	ug/L		11/12/24 06:44	11/17/24 21:57	1
Thionazin	<0.207	U *+	1.14	0.207	ug/L		11/12/24 06:44	11/17/24 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*87*		*35 - 130*	*11/12/24 06:44*	*11/17/24 21:57*	*1*
2-Fluorobiphenyl	*76*		*43 - 130*	*11/12/24 06:44*	*11/17/24 21:57*	*1*
2-Fluorophenol (Surr)	*60*		*19 - 120*	*11/12/24 06:44*	*11/17/24 21:57*	*1*
Nitrobenzene-d5 (Surr)	*95*		*37 - 133*	*11/12/24 06:44*	*11/17/24 21:57*	*1*
Phenol-d5 (Surr)	*36*		*8 - 124*	*11/12/24 06:44*	*11/17/24 21:57*	*1*
p-Terphenyl-d14	*87*		*47 - 130*	*11/12/24 06:44*	*11/17/24 21:57*	*1*

Client Sample ID: MW-66

Date Collected: 11/05/24 13:56
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<3.22	U	5.00	3.22	ug/L			11/10/24 09:10	5
1,1,1-Trichloroethane	<2.93	U	25.0	2.93	ug/L			11/10/24 09:10	5
1,1,2,2-Tetrachloroethane	<2.35	U	5.00	2.35	ug/L			11/10/24 09:10	5
1,1,2-Trichloro-1,2,2-trifluoroethane	<5.55	U	50.0	5.55	ug/L			11/10/24 09:10	5
1,1,2-Trichloroethane	<2.06	U	5.00	2.06	ug/L			11/10/24 09:10	5
1,1-Dichloroethane	<3.18	U	5.00	3.18	ug/L			11/10/24 09:10	5
1,1-Dichloroethene	<3.69	U	5.00	3.69	ug/L			11/10/24 09:10	5
1,2,3-Trichloropropane	<2.35	U	5.00	2.35	ug/L			11/10/24 09:10	5
1,2,4-Trimethylbenzene	**221**		5.00	2.09	ug/L			11/10/24 09:10	5

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: MW-66
Date Collected: 11/05/24 13:56
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<3.36	U	25.0	3.36	ug/L			11/10/24 09:10	5
1,2-Dibromoethane	<5.00	U	25.0	5.00	ug/L			11/10/24 09:10	5
1,2-Dichloroethane	<1.86	U	5.00	1.86	ug/L			11/10/24 09:10	5
1,2-Dichloropropane	<2.78	U	25.0	2.78	ug/L			11/10/24 09:10	5
1,3,5-Trimethylbenzene	**68.0**		5.00	2.06	ug/L			11/10/24 09:10	5
1,3-Butadiene	<2.84	U	5.00	2.84	ug/L			11/10/24 09:10	5
2,2,4-Trimethylpentane	<2.50	U	25.0	2.50	ug/L			11/10/24 09:10	5
2-Butanone (MEK)	<41.4	U	250	41.4	ug/L			11/10/24 09:10	5
2-Hexanone (MBK)	<25.0	U	250	25.0	ug/L			11/10/24 09:10	5
2-Propanol	<26.1	U	50.0	26.1	ug/L			11/10/24 09:10	5
3-Chloropropene (Allyl Chloride)	<2.99	U	25.0	2.99	ug/L			11/10/24 09:10	5
4-Methyl-2-pentanone	<25.0	U	250	25.0	ug/L			11/10/24 09:10	5
Acetone	<15.3	U	500	15.3	ug/L			11/10/24 09:10	5
Acetonitrile	<73.0	U	500	73.0	ug/L			11/10/24 09:10	5
Acrolein	<55.6	U	250	55.6	ug/L			11/10/24 09:10	5
Acrylonitrile	<71.6	U	250	71.6	ug/L			11/10/24 09:10	5
alpha-Chlorotoluene	<11.3	U	25.0	11.3	ug/L			11/10/24 09:10	5
Bromodichloromethane	<2.76	U	5.00	2.76	ug/L			11/10/24 09:10	5
Bromoform	<3.17	U	25.0	3.17	ug/L			11/10/24 09:10	5
Bromomethane	<7.10	U	25.0	7.10	ug/L			11/10/24 09:10	5
Carbon disulfide	<8.25	U	25.0	8.25	ug/L			11/10/24 09:10	5
Carbon tetrachloride	<4.48	U	25.0	4.48	ug/L			11/10/24 09:10	5
Chlorobenzene	<2.28	U	5.00	2.28	ug/L			11/10/24 09:10	5
Chlorodibromomethane	<2.74	U	25.0	2.74	ug/L			11/10/24 09:10	5
Chloroethane	<9.92	U	50.0	9.92	ug/L			11/10/24 09:10	5
Chloroform	<2.32	U	5.00	2.32	ug/L			11/10/24 09:10	5
Chloromethane	<10.2	U	50.0	10.2	ug/L			11/10/24 09:10	5
Chloroprene	<2.99	U	25.0	2.99	ug/L			11/10/24 09:10	5
cis-1,2-Dichloroethene	<2.29	U	5.00	2.29	ug/L			11/10/24 09:10	5
cis-1,3-Dichloropropene	<5.34	U	25.0	5.34	ug/L			11/10/24 09:10	5
Cumene (isopropylbenzene)	**26.9**		5.00	2.96	ug/L			11/10/24 09:10	5
Cyclohexane	**231**		25.0	6.43	ug/L			11/10/24 09:10	5
Dibromomethane	<1.79	U	5.00	1.79	ug/L			11/10/24 09:10	5
Dichlorodifluoromethane	<3.93	U	5.00	3.93	ug/L			11/10/24 09:10	5
Ethyl methacrylate	<5.59	U	25.0	5.59	ug/L			11/10/24 09:10	5
Ethylbenzene	**361**		5.00	1.93	ug/L			11/10/24 09:10	5
Hexane	**34.7**		25.0	2.59	ug/L			11/10/24 09:10	5
Iodomethane	<25.0	U	100	25.0	ug/L			11/10/24 09:10	5
Isobutanol	<85.5	U	250	85.5	ug/L			11/10/24 09:10	5
Methacrylonitrile	<13.6	U	50.0	13.6	ug/L			11/10/24 09:10	5
Methyl methacrylate	<11.3	U	50.0	11.3	ug/L			11/10/24 09:10	5
Methyl tert-butyl ether	<6.96	U	25.0	6.96	ug/L			11/10/24 09:10	5
Methylene Chloride	<8.63	U	25.0	8.63	ug/L			11/10/24 09:10	5
Propionitrile	<16.7	U	50.0	16.7	ug/L			11/10/24 09:10	5
Propylbenzene	**36.5**		5.00	2.15	ug/L			11/10/24 09:10	5
Styrene	<3.10	U	5.00	3.10	ug/L			11/10/24 09:10	5
Tetrachloroethene	<3.28	U	5.00	3.28	ug/L			11/10/24 09:10	5
Tetrahydrofuran	<9.17	U	50.0	9.17	ug/L			11/10/24 09:10	5
Toluene	**46.3**		5.00	2.38	ug/L			11/10/24 09:10	5

Client Sample ID: MW-66

Date Collected: 11/05/24 13:56
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-7

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	<1.84	U	5.00	1.84	ug/L			11/10/24 09:10	5
trans-1,3-Dichloropropene	<6.34	U	25.0	6.34	ug/L			11/10/24 09:10	5
trans-1,4-Dichloro-2-butene	<6.75	U	50.0	6.75	ug/L			11/10/24 09:10	5
Trichloroethene	<7.50	U	25.0	7.50	ug/L			11/10/24 09:10	5
Trichlorofluoromethane	<2.80	U	5.00	2.80	ug/L			11/10/24 09:10	5
Vinyl acetate	<10.7	U *1	100	10.7	ug/L			11/10/24 09:10	5
Vinyl chloride	<2.14	U	10.0	2.14	ug/L			11/10/24 09:10	5
Xylenes, Total	**479**		50.0	6.20	ug/L			11/10/24 09:10	5
m,p-Xylenes	**0.456**		0.0500	0.00620	mg/L			11/10/24 09:10	5
o-Xylene	**0.0227**		0.00500	0.00251	mg/L			11/10/24 09:10	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*63 - 144*		*11/10/24 09:10*	*5*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*11/10/24 09:10*	*5*
Dibromofluoromethane (Surr)	*93*		*75 - 131*		*11/10/24 09:10*	*5*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/10/24 09:10*	*5*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1800**		50.0	23.0	ug/L			11/11/24 17:06	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*63 - 144*		*11/11/24 17:06*	*50*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*11/11/24 17:06*	*50*
Dibromofluoromethane (Surr)	*108*		*75 - 131*		*11/11/24 17:06*	*50*
Toluene-d8 (Surr)	*95*		*80 - 120*		*11/11/24 17:06*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0765	U	0.571	0.0765	ug/L		11/12/24 06:44	11/17/24 22:27	1
1,2-Dichlorobenzene	<0.0939	U	0.571	0.0939	ug/L		11/12/24 06:44	11/17/24 22:27	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/12/24 06:44	11/17/24 22:27	1
1,4-Dichlorobenzene	<0.0778	U	0.571	0.0778	ug/L		11/12/24 06:44	11/17/24 22:27	1
2,2'-oxybis[1-chloropropane]	<1.43	U *+	2.85	1.43	ug/L		11/12/24 06:44	11/17/24 22:27	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/12/24 06:44	11/17/24 22:27	1
2,4,6-Trichlorophenol	<0.230	U	0.571	0.230	ug/L		11/12/24 06:44	11/17/24 22:27	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/12/24 06:44	11/17/24 22:27	1
2,4-Dimethylphenol	**1.37**	***+**	0.571	0.192	ug/L		11/12/24 06:44	11/17/24 22:27	1
1,4-Dioxane	<0.0889	U	0.571	0.0889	ug/L		11/12/24 06:44	11/17/24 22:27	1
2,4-Dinitrophenol	<0.104	U	2.85	0.104	ug/L		11/12/24 06:44	11/17/24 22:27	1
2,4-Dinitrotoluene	<0.204	U	0.571	0.204	ug/L		11/12/24 06:44	11/17/24 22:27	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/12/24 06:44	11/17/24 22:27	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/12/24 06:44	11/17/24 22:27	1
2-Methylphenol	**0.452**	**J**	0.571	0.105	ug/L		11/12/24 06:44	11/17/24 22:27	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/12/24 06:44	11/17/24 22:27	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/12/24 06:44	11/17/24 22:27	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/12/24 06:44	11/17/24 22:27	1
3-Nitroaniline	<0.0851	U	0.571	0.0851	ug/L		11/12/24 06:44	11/17/24 22:27	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/12/24 06:44	11/17/24 22:27	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	11/17/24 22:27	1

Client Sample ID: MW-66
Lab Sample ID: 860-86517-7
Date Collected: 11/05/24 13:56
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	<0.103	U	0.571	0.103	ug/L		11/12/24 06:44	11/17/24 22:27	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/12/24 06:44	11/17/24 22:27	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/12/24 06:44	11/17/24 22:27	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/12/24 06:44	11/17/24 22:27	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/12/24 06:44	11/17/24 22:27	1
Acenaphthylene	<0.0995	U	0.571	0.0995	ug/L		11/12/24 06:44	11/17/24 22:27	1
Aniline	<0.0579	U	0.571	0.0579	ug/L		11/12/24 06:44	11/17/24 22:27	1
Anthracene	<0.0937	U	0.571	0.0937	ug/L		11/12/24 06:44	11/17/24 22:27	1
Benzo[a]anthracene	<0.0285	U	0.0285	0.0285	ug/L		11/12/24 06:44	11/17/24 22:27	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/12/24 06:44	11/17/24 22:27	1
Benzo[b]fluoranthene	<0.0663	U	0.571	0.0663	ug/L		11/12/24 06:44	11/17/24 22:27	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/12/24 06:44	11/17/24 22:27	1
Benzo[k]fluoranthene	<0.0472	U	0.571	0.0472	ug/L		11/12/24 06:44	11/17/24 22:27	1
Benzyl alcohol	<0.599	U *-	1.14	0.599	ug/L		11/12/24 06:44	11/17/24 22:27	1
Bis(2-chloroethoxy)methane	<0.0973	U	0.571	0.0973	ug/L		11/12/24 06:44	11/17/24 22:27	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/12/24 06:44	11/17/24 22:27	1
Bis(2-ethylhexyl) phthalate	<0.899	U	1.14	0.899	ug/L		11/12/24 06:44	11/17/24 22:27	1
Butyl benzyl phthalate	<0.499	U	1.14	0.499	ug/L		11/12/24 06:44	11/17/24 22:27	1
Chrysene	<0.0814	U	0.571	0.0814	ug/L		11/12/24 06:44	11/17/24 22:27	1
Dibenz(a,h)anthracene	<0.0508	U	0.114	0.0508	ug/L		11/12/24 06:44	11/17/24 22:27	1
Dibenzofuran	<0.106	U	0.571	0.106	ug/L		11/12/24 06:44	11/17/24 22:27	1
Diethyl phthalate	<0.154	U	1.14	0.154	ug/L		11/12/24 06:44	11/17/24 22:27	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/12/24 06:44	11/17/24 22:27	1
Di-n-butyl phthalate	<0.764	U	1.14	0.764	ug/L		11/12/24 06:44	11/17/24 22:27	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/12/24 06:44	11/17/24 22:27	1
Fluoranthene	<0.0882	U	0.571	0.0882	ug/L		11/12/24 06:44	11/17/24 22:27	1
Fluorene	<0.0947	U	0.571	0.0947	ug/L		11/12/24 06:44	11/17/24 22:27	1
Hexachlorobenzene	<0.0973	U	0.571	0.0973	ug/L		11/12/24 06:44	11/17/24 22:27	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/12/24 06:44	11/17/24 22:27	1
Hexachlorocyclopentadiene	<0.0511	U	0.571	0.0511	ug/L		11/12/24 06:44	11/17/24 22:27	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/12/24 06:44	11/17/24 22:27	1
Indeno[1,2,3-cd]pyrene	<0.0999	U	0.571	0.0999	ug/L		11/12/24 06:44	11/17/24 22:27	1
Isophorone	**0.462**	**J I**	0.571	0.106	ug/L		11/12/24 06:44	11/17/24 22:27	1
Nitrobenzene	<0.0735	U	0.571	0.0735	ug/L		11/12/24 06:44	11/17/24 22:27	1
N-Nitrosodi-n-propylamine	<0.118	U	0.571	0.118	ug/L		11/12/24 06:44	11/17/24 22:27	1
N-Nitrosodiphenylamine	<0.144	U	0.571	0.144	ug/L		11/12/24 06:44	11/17/24 22:27	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/12/24 06:44	11/17/24 22:27	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/12/24 06:44	11/17/24 22:27	1
Phenol	<0.447	U	2.85	0.447	ug/L		11/12/24 06:44	11/17/24 22:27	1
Pyrene	<0.0847	U	0.571	0.0847	ug/L		11/12/24 06:44	11/17/24 22:27	1
N-Nitro-o-toluidine	<0.519	U	1.14	0.519	ug/L		11/12/24 06:44	11/17/24 22:27	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.571	0.210	ug/L		11/12/24 06:44	11/17/24 22:27	1
Acetophenone	**7.02**	**I**	1.14	0.623	ug/L		11/12/24 06:44	11/17/24 22:27	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/12/24 06:44	11/17/24 22:27	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/12/24 06:44	11/17/24 22:27	1
Diphenyl ether	**0.712**	**I**	0.571	0.0909	ug/L		11/12/24 06:44	11/17/24 22:27	1
1,1'-Biphenyl	**0.231**	**J**	0.571	0.0980	ug/L		11/12/24 06:44	11/17/24 22:27	1
4-Aminobiphenyl	<0.393	U	0.571	0.393	ug/L		11/12/24 06:44	11/17/24 22:27	1
1,2,4,5-Tetrachlorobenzene	<0.0956	U	0.571	0.0956	ug/L		11/12/24 06:44	11/17/24 22:27	1

Client Sample ID: MW-66
Lab Sample ID: 860-86517-7
Date Collected: 11/05/24 13:56
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/12/24 06:44	11/17/24 22:27	1
1,3-Dinitrobenzene	<0.0772	U	0.571	0.0772	ug/L		11/12/24 06:44	11/17/24 22:27	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/12/24 06:44	11/17/24 22:27	1
1-Naphthylamine	<0.148	U	0.571	0.148	ug/L		11/12/24 06:44	11/17/24 22:27	1
2,6-Dichlorophenol	**0.205**	**J**	0.571	0.118	ug/L		11/12/24 06:44	11/17/24 22:27	1
2-Acetylaminofluorene	<1.26	U	2.85	1.26	ug/L		11/12/24 06:44	11/17/24 22:27	1
2-Chlorophenol	<0.0755	U	0.571	0.0755	ug/L		11/12/24 06:44	11/17/24 22:27	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/12/24 06:44	11/17/24 22:27	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/12/24 06:44	11/17/24 22:27	1
2-Toluidine	**1.03**		0.571	0.306	ug/L		11/12/24 06:44	11/17/24 22:27	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/12/24 06:44	11/17/24 22:27	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/12/24 06:44	11/17/24 22:27	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/12/24 06:44	11/17/24 22:27	1
4-Nitroquinoline-1-oxide	<0.729	U	1.14	0.729	ug/L		11/12/24 06:44	11/17/24 22:27	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/12/24 06:44	11/17/24 22:27	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U *- *1	5.71	3.67	ug/L		11/12/24 06:44	11/17/24 22:27	1
Aramite Peak 1	<0.0784	U *+	0.571	0.0784	ug/L		11/12/24 06:44	11/17/24 22:27	1
Aramite Peak 2	<0.0952	U	0.571	0.0952	ug/L		11/12/24 06:44	11/17/24 22:27	1
Aramite, Total	<0.0952	U	0.571	0.0952	ug/L		11/12/24 06:44	11/17/24 22:27	1
Diallate	<0.0834	U	0.571	0.0834	ug/L		11/12/24 06:44	11/17/24 22:27	1
Diallate Peak 1	<0.0834	U	0.571	0.0834	ug/L		11/12/24 06:44	11/17/24 22:27	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/12/24 06:44	11/17/24 22:27	1
Dimethoate	<0.121	U *+	0.571	0.121	ug/L		11/12/24 06:44	11/17/24 22:27	1
Dinoseb	<0.569	U *+	2.85	0.569	ug/L		11/12/24 06:44	11/17/24 22:27	1
Disulfoton	<0.202	U *+	0.571	0.202	ug/L		11/12/24 06:44	11/17/24 22:27	1
Ethyl methanesulfonate	<0.226	U	0.571	0.226	ug/L		11/12/24 06:44	11/17/24 22:27	1
Ethyl Parathion	<0.0501	U *+	0.228	0.0501	ug/L		11/12/24 06:44	11/17/24 22:27	1
Famphur	<0.151	U *+	1.14	0.151	ug/L		11/12/24 06:44	11/17/24 22:27	1
Hexachloropropene	<0.299	U *-	0.571	0.299	ug/L		11/12/24 06:44	11/17/24 22:27	1
Isosafrole	<0.240	U	0.571	0.240	ug/L		11/12/24 06:44	11/17/24 22:27	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/12/24 06:44	11/17/24 22:27	1
Isosafrole Peak 2	<0.240	U	0.571	0.240	ug/L		11/12/24 06:44	11/17/24 22:27	1
Methapyrilene	<0.998	U *+	2.28	0.998	ug/L		11/12/24 06:44	11/17/24 22:27	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/12/24 06:44	11/17/24 22:27	1
Methyl parathion	<0.319	U *+	0.571	0.319	ug/L		11/12/24 06:44	11/17/24 22:27	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/12/24 06:44	11/17/24 22:27	1
N-Nitrosodimethylamine	<0.0999	U *-	0.571	0.0999	ug/L		11/12/24 06:44	11/17/24 22:27	1
N-Nitrosodi-n-butylamine	<0.515	U	1.14	0.515	ug/L		11/12/24 06:44	11/17/24 22:27	1
N-Nitrosomethylethylamine	<0.293	U	0.571	0.293	ug/L		11/12/24 06:44	11/17/24 22:27	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/12/24 06:44	11/17/24 22:27	1
N-Nitrosopyrrolidine	<0.267	U *- *1	0.571	0.267	ug/L		11/12/24 06:44	11/17/24 22:27	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.571	0.138	ug/L		11/12/24 06:44	11/17/24 22:27	1
p-Dimethylamino azobenzene	<0.0237	U *+	0.571	0.0237	ug/L		11/12/24 06:44	11/17/24 22:27	1
Pentachloronitrobenzene	<0.0999	U	0.571	0.0999	ug/L		11/12/24 06:44	11/17/24 22:27	1
Phenacetin	<0.0999	U	0.571	0.0999	ug/L		11/12/24 06:44	11/17/24 22:27	1
Phorate	<0.221	U *+	0.571	0.221	ug/L		11/12/24 06:44	11/17/24 22:27	1
p-Phenylene diamine	<0.499	U *- *1	1.14	0.499	ug/L		11/12/24 06:44	11/17/24 22:27	1
Pronamide	<0.0999	U *+	0.571	0.0999	ug/L		11/12/24 06:44	11/17/24 22:27	1
Safrole, Total	<0.0570	U	0.571	0.0570	ug/L		11/12/24 06:44	11/17/24 22:27	1

Client Sample ID: MW-66

Date Collected: 11/05/24 13:56
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-7

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfotepp	<0.146	U *+	0.571	0.146	ug/L		11/12/24 06:44	11/17/24 22:27	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/12/24 06:44	11/17/24 22:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*102*		*35 - 130*	*11/12/24 06:44*	*11/17/24 22:27*	*1*
2-Fluorobiphenyl	*73*		*43 - 130*	*11/12/24 06:44*	*11/17/24 22:27*	*1*
2-Fluorophenol (Surr)	*60*		*19 - 120*	*11/12/24 06:44*	*11/17/24 22:27*	*1*
Nitrobenzene-d5 (Surr)	*95*		*37 - 133*	*11/12/24 06:44*	*11/17/24 22:27*	*1*
Phenol-d5 (Surr)	*43*		*8 - 124*	*11/12/24 06:44*	*11/17/24 22:27*	*1*
p-Terphenyl-d14	*88*		*47 - 130*	*11/12/24 06:44*	*11/17/24 22:27*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**51.2**		11.4	1.20	ug/L		11/12/24 06:44	11/27/24 00:04	20
Naphthalene	**306**		11.4	1.89	ug/L		11/12/24 06:44	11/27/24 00:04	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*106*		*35 - 130*	*11/12/24 06:44*	*11/27/24 00:04*	*20*
2-Fluorobiphenyl	*109*		*43 - 130*	*11/12/24 06:44*	*11/27/24 00:04*	*20*
2-Fluorophenol (Surr)	*99*		*19 - 120*	*11/12/24 06:44*	*11/27/24 00:04*	*20*
Nitrobenzene-d5 (Surr)	*136*	*S1+*	*37 - 133*	*11/12/24 06:44*	*11/27/24 00:04*	*20*
Phenol-d5 (Surr)	*83*	*I*	*8 - 124*	*11/12/24 06:44*	*11/27/24 00:04*	*20*
p-Terphenyl-d14	*131*	*S1+*	*47 - 130*	*11/12/24 06:44*	*11/27/24 00:04*	*20*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	**13.1**	**I**	2.85	1.44	ug/L		11/12/24 06:44	11/24/24 05:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*111*		*35 - 130*	*11/12/24 06:44*	*11/24/24 05:31*	*1*
2-Fluorobiphenyl	*78*		*43 - 130*	*11/12/24 06:44*	*11/24/24 05:31*	*1*
2-Fluorophenol (Surr)	*64*		*19 - 120*	*11/12/24 06:44*	*11/24/24 05:31*	*1*
Nitrobenzene-d5 (Surr)	*106*		*37 - 133*	*11/12/24 06:44*	*11/24/24 05:31*	*1*
Phenol-d5 (Surr)	*48*		*8 - 124*	*11/12/24 06:44*	*11/24/24 05:31*	*1*
p-Terphenyl-d14	*90*		*47 - 130*	*11/12/24 06:44*	*11/24/24 05:31*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0762	U H	0.568	0.0762	ug/L		11/20/24 07:01	11/22/24 05:09	1
1,2-Dichlorobenzene	<0.0935	U H	0.568	0.0935	ug/L		11/20/24 07:01	11/22/24 05:09	1
1,3-Dichlorobenzene	<0.101	U H	0.568	0.101	ug/L		11/20/24 07:01	11/22/24 05:09	1
1,4-Dichlorobenzene	<0.0775	U H	0.568	0.0775	ug/L		11/20/24 07:01	11/22/24 05:09	1
2,2'-oxybis[1-chloropropane]	**3.52**	**H I**	2.84	1.42	ug/L		11/20/24 07:01	11/22/24 05:09	1
2,4,5-Trichlorophenol	<0.142	U H *+	0.568	0.142	ug/L		11/20/24 07:01	11/22/24 05:09	1
2,4,6-Trichlorophenol	<0.229	U H *+	0.568	0.229	ug/L		11/20/24 07:01	11/22/24 05:09	1
2,4-Dichlorophenol	<0.139	U H	0.568	0.139	ug/L		11/20/24 07:01	11/22/24 05:09	1
2,4-Dimethylphenol	**1.59**	**H *+**	0.568	0.191	ug/L		11/20/24 07:01	11/22/24 05:09	1
1,4-Dioxane	<0.0885	U H	0.568	0.0885	ug/L		11/20/24 07:01	11/22/24 05:09	1
2,4-Dinitrophenol	<0.104	U H	2.84	0.104	ug/L		11/20/24 07:01	11/22/24 05:09	1
2,4-Dinitrotoluene	<0.203	U H *+	0.568	0.203	ug/L		11/20/24 07:01	11/22/24 05:09	1
2,6-Dinitrotoluene	<0.116	U H	0.568	0.116	ug/L		11/20/24 07:01	11/22/24 05:09	1

Client Sample ID: MW-66
Date Collected: 11/05/24 13:56
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-7
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	<0.376	U H	0.568	0.376	ug/L		11/20/24 07:01	11/22/24 05:09	1
2-Methylphenol	**0.498**	**J H**	0.568	0.104	ug/L		11/20/24 07:01	11/22/24 05:09	1
2-Nitroaniline	<0.148	U H *+	0.568	0.148	ug/L		11/20/24 07:01	11/22/24 05:09	1
2-Nitrophenol	<0.135	U H	0.568	0.135	ug/L		11/20/24 07:01	11/22/24 05:09	1
3 & 4 Methylphenol	<0.138	U H	0.568	0.138	ug/L		11/20/24 07:01	11/22/24 05:09	1
3-Nitroaniline	<0.0848	U H	0.568	0.0848	ug/L		11/20/24 07:01	11/22/24 05:09	1
4,6-Dinitro-2-methylphenol	**0.373**	**J H I**	1.14	0.200	ug/L		11/20/24 07:01	11/22/24 05:09	1
4-Bromophenyl phenyl ether	<0.0997	U H *+	0.568	0.0997	ug/L		11/20/24 07:01	11/22/24 05:09	1
4-Chloro-3-methylphenol	<0.103	U H	0.568	0.103	ug/L		11/20/24 07:01	11/22/24 05:09	1
4-Chloroaniline	<0.0383	U H	0.568	0.0383	ug/L		11/20/24 07:01	11/22/24 05:09	1
4-Chlorophenyl phenyl ether	<0.130	U H	0.568	0.130	ug/L		11/20/24 07:01	11/22/24 05:09	1
4-Nitroaniline	<0.108	U H	0.568	0.108	ug/L		11/20/24 07:01	11/22/24 05:09	1
Acenaphthene	<0.107	U H	0.568	0.107	ug/L		11/20/24 07:01	11/22/24 05:09	1
Acenaphthylene	<0.0991	U H	0.568	0.0991	ug/L		11/20/24 07:01	11/22/24 05:09	1
Aniline	<0.0576	U H	0.568	0.0576	ug/L		11/20/24 07:01	11/22/24 05:09	1
Anthracene	<0.0933	U H	0.568	0.0933	ug/L		11/20/24 07:01	11/22/24 05:09	1
Benzo[a]anthracene	<0.0284	U H *+	0.0284	0.0284	ug/L		11/20/24 07:01	11/22/24 05:09	1
Benzo[a]pyrene	<0.0298	U H	0.0568	0.0298	ug/L		11/20/24 07:01	11/22/24 05:09	1
Benzo[b]fluoranthene	<0.0660	U H *+	0.568	0.0660	ug/L		11/20/24 07:01	11/22/24 05:09	1
Benzo[g,h,i]perylene	<0.0343	U H	0.568	0.0343	ug/L		11/20/24 07:01	11/22/24 05:09	1
Benzo[k]fluoranthene	<0.0470	U H *+	0.568	0.0470	ug/L		11/20/24 07:01	11/22/24 05:09	1
Bis(2-chloroethoxy)methane	<0.0969	U H	0.568	0.0969	ug/L		11/20/24 07:01	11/22/24 05:09	1
Bis(2-chloroethyl)ether	<0.213	U H *+	0.568	0.213	ug/L		11/20/24 07:01	11/22/24 05:09	1
Bis(2-ethylhexyl) phthalate	<0.895	U H *+	1.14	0.895	ug/L		11/20/24 07:01	11/22/24 05:09	1
Butyl benzyl phthalate	<0.497	U H	1.14	0.497	ug/L		11/20/24 07:01	11/22/24 05:09	1
Chrysene	<0.0811	U H *+	0.568	0.0811	ug/L		11/20/24 07:01	11/22/24 05:09	1
Dibenz(a,h)anthracene	<0.0506	U H	0.114	0.0506	ug/L		11/20/24 07:01	11/22/24 05:09	1
Dibenzofuran	<0.106	U H *+	0.568	0.106	ug/L		11/20/24 07:01	11/22/24 05:09	1
Diethyl phthalate	<0.154	U H *+	1.14	0.154	ug/L		11/20/24 07:01	11/22/24 05:09	1
Dimethyl phthalate	<0.108	U H	1.14	0.108	ug/L		11/20/24 07:01	11/22/24 05:09	1
Di-n-butyl phthalate	<0.761	U H *+	1.14	0.761	ug/L		11/20/24 07:01	11/22/24 05:09	1
Di-n-octyl phthalate	<0.268	U H *+ *1	1.14	0.268	ug/L		11/20/24 07:01	11/22/24 05:09	1
Fluoranthene	<0.0878	U H *+	0.568	0.0878	ug/L		11/20/24 07:01	11/22/24 05:09	1
Fluorene	<0.0943	U H	0.568	0.0943	ug/L		11/20/24 07:01	11/22/24 05:09	1
Hexachlorobenzene	<0.0969	U H	0.568	0.0969	ug/L		11/20/24 07:01	11/22/24 05:09	1
Hexachlorobutadiene	<0.102	U H	0.568	0.102	ug/L		11/20/24 07:01	11/22/24 05:09	1
Hexachlorocyclopentadiene	<0.0509	U H	0.568	0.0509	ug/L		11/20/24 07:01	11/22/24 05:09	1
Hexachloroethane	<0.101	U H	0.568	0.101	ug/L		11/20/24 07:01	11/22/24 05:09	1
Indeno[1,2,3-cd]pyrene	<0.0994	U H	0.568	0.0994	ug/L		11/20/24 07:01	11/22/24 05:09	1
Isophorone	<0.106	U H	0.568	0.106	ug/L		11/20/24 07:01	11/22/24 05:09	1
Nitrobenzene	<0.0732	U H	0.568	0.0732	ug/L		11/20/24 07:01	11/22/24 05:09	1
N-Nitrosodi-n-propylamine	<0.118	U H	0.568	0.118	ug/L		11/20/24 07:01	11/22/24 05:09	1
N-Nitrosodiphenylamine	<0.144	U H *+	0.568	0.144	ug/L		11/20/24 07:01	11/22/24 05:09	1
Pentachlorophenol	<1.03	U H	1.14	1.03	ug/L		11/20/24 07:01	11/22/24 05:09	1
Phenanthrene	<0.133	U H	0.568	0.133	ug/L		11/20/24 07:01	11/22/24 05:09	1
Phenol	<0.446	U H *1	2.84	0.446	ug/L		11/20/24 07:01	11/22/24 05:09	1
Pyrene	<0.0844	U H *+	0.568	0.0844	ug/L		11/20/24 07:01	11/22/24 05:09	1
N-Nitro-o-toluidine	<0.517	U H	1.14	0.517	ug/L		11/20/24 07:01	11/22/24 05:09	1
2,3,4,6-Tetrachlorophenol	<0.209	U H *+	0.568	0.209	ug/L		11/20/24 07:01	11/22/24 05:09	1

Client Sample ID: MW-66
Date Collected: 11/05/24 13:56
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-7
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	**8.23**	**H I *+**	1.14	0.620	ug/L		11/20/24 07:01	11/22/24 05:09	1
N-Nitrosopiperidine	<0.465	U H	1.14	0.465	ug/L		11/20/24 07:01	11/22/24 05:09	1
Pentachlorobenzene	<0.264	U H	0.568	0.264	ug/L		11/20/24 07:01	11/22/24 05:09	1
Diphenyl ether	**0.826**	**H I**	0.568	0.0905	ug/L		11/20/24 07:01	11/22/24 05:09	1
1,1'-Biphenyl	**0.251**	**J H**	0.568	0.0976	ug/L		11/20/24 07:01	11/22/24 05:09	1
4-Aminobiphenyl	<0.392	U H	0.568	0.392	ug/L		11/20/24 07:01	11/22/24 05:09	1
1,2,4,5-Tetrachlorobenzene	<0.0952	U H	0.568	0.0952	ug/L		11/20/24 07:01	11/22/24 05:09	1
1,3,5-Trinitrobenzene	<0.118	U H	0.568	0.118	ug/L		11/20/24 07:01	11/22/24 05:09	1
1,3-Dinitrobenzene	<0.0768	U H	0.568	0.0768	ug/L		11/20/24 07:01	11/22/24 05:09	1
1,4-Naphthoquinone	<0.313	U H	0.568	0.313	ug/L		11/20/24 07:01	11/22/24 05:09	1
1-Naphthylamine	**0.288**	**J H I**	0.568	0.148	ug/L		11/20/24 07:01	11/22/24 05:09	1
2,6-Dichlorophenol	**0.233**	**J H**	0.568	0.117	ug/L		11/20/24 07:01	11/22/24 05:09	1
2-Acetylaminofluorene	<1.26	U H *+	2.84	1.26	ug/L		11/20/24 07:01	11/22/24 05:09	1
2-Chlorophenol	<0.0752	U H	0.568	0.0752	ug/L		11/20/24 07:01	11/22/24 05:09	1
2-Naphthylamine	<0.286	U H	0.568	0.286	ug/L		11/20/24 07:01	11/22/24 05:09	1
2-Picoline	<0.122	U H	0.568	0.122	ug/L		11/20/24 07:01	11/22/24 05:09	1
2-Toluidine	<0.304	U H *- *1	0.568	0.304	ug/L		11/20/24 07:01	11/22/24 05:09	1
3,3'-Dichlorobenzidine	<0.182	U H	0.568	0.182	ug/L		11/20/24 07:01	11/22/24 05:09	1
3,3'-Dimethylbenzidine	<0.141	U H	0.568	0.141	ug/L		11/20/24 07:01	11/22/24 05:09	1
3-Methylcholanthrene	<0.104	U H	0.568	0.104	ug/L		11/20/24 07:01	11/22/24 05:09	1
4-Nitroquinoline-1-oxide	<0.726	U H	1.14	0.726	ug/L		11/20/24 07:01	11/22/24 05:09	1
7,12-Dimethylbenz(a)anthracene	<0.240	U H *+	0.568	0.240	ug/L		11/20/24 07:01	11/22/24 05:09	1
alpha,alpha-Dimethyl phenethylamine	<3.65	U H *-	5.68	3.65	ug/L		11/20/24 07:01	11/22/24 05:09	1
Aramite Peak 1	<0.0781	U H *+	0.568	0.0781	ug/L		11/20/24 07:01	11/22/24 05:09	1
Aramite Peak 2	<0.0948	U H *+	0.568	0.0948	ug/L		11/20/24 07:01	11/22/24 05:09	1
Aramite, Total	<0.0948	U H	0.568	0.0948	ug/L		11/20/24 07:01	11/22/24 05:09	1
Diallate	<0.0830	U H	0.568	0.0830	ug/L		11/20/24 07:01	11/22/24 05:09	1
Diallate Peak 1	<0.0830	U H *+	0.568	0.0830	ug/L		11/20/24 07:01	11/22/24 05:09	1
Diallate Peak 2	<0.0383	U H	0.568	0.0383	ug/L		11/20/24 07:01	11/22/24 05:09	1
Dimethoate	<0.121	U H	0.568	0.121	ug/L		11/20/24 07:01	11/22/24 05:09	1
Dinoseb	<0.566	U H	2.84	0.566	ug/L		11/20/24 07:01	11/22/24 05:09	1
Disulfoton	<0.202	U H	0.568	0.202	ug/L		11/20/24 07:01	11/22/24 05:09	1
Ethyl methanesulfonate	<0.225	U H	0.568	0.225	ug/L		11/20/24 07:01	11/22/24 05:09	1
Ethyl Parathion	<0.0499	U H	0.227	0.0499	ug/L		11/20/24 07:01	11/22/24 05:09	1
Famphur	<0.150	U H	1.14	0.150	ug/L		11/20/24 07:01	11/22/24 05:09	1
Hexachloropropene	<0.298	U H *-	0.568	0.298	ug/L		11/20/24 07:01	11/22/24 05:09	1
Isosafrole	<0.239	U H	0.568	0.239	ug/L		11/20/24 07:01	11/22/24 05:09	1
Isosafrole Peak 1	<0.0461	U H	0.568	0.0461	ug/L		11/20/24 07:01	11/22/24 05:09	1
Isosafrole Peak 2	<0.239	U H	0.568	0.239	ug/L		11/20/24 07:01	11/22/24 05:09	1
Methapyrilene	<0.994	U H	2.27	0.994	ug/L		11/20/24 07:01	11/22/24 05:09	1
Methyl methanesulfonate	<0.119	U H	0.568	0.119	ug/L		11/20/24 07:01	11/22/24 05:09	1
Methyl parathion	<0.318	U H	0.568	0.318	ug/L		11/20/24 07:01	11/22/24 05:09	1
N-Nitrosodiethylamine	<0.535	U H	1.14	0.535	ug/L		11/20/24 07:01	11/22/24 05:09	1
N-Nitrosodimethylamine	**0.156**	**J H *-**	0.568	0.0994	ug/L		11/20/24 07:01	11/22/24 05:09	1
N-Nitrosodi-n-butylamine	<0.513	U H *+	1.14	0.513	ug/L		11/20/24 07:01	11/22/24 05:09	1
N-Nitrosomethylethylamine	<0.292	U H	0.568	0.292	ug/L		11/20/24 07:01	11/22/24 05:09	1
N-Nitrosomorpholine	<0.219	U H	0.568	0.219	ug/L		11/20/24 07:01	11/22/24 05:09	1
N-Nitrosopyrrolidine	<0.266	U H	0.568	0.266	ug/L		11/20/24 07:01	11/22/24 05:09	1
o,o',o''-Triethylphosphorothioate	<0.137	U H	0.568	0.137	ug/L		11/20/24 07:01	11/22/24 05:09	1

Client Sample ID: MW-66

Date Collected: 11/05/24 13:56
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-7
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Dimethylamino azobenzene	<0.0236	U H	0.568	0.0236	ug/L		11/20/24 07:01	11/22/24 05:09	1
Pentachloronitrobenzene	<0.0994	U H *+	0.568	0.0994	ug/L		11/20/24 07:01	11/22/24 05:09	1
Phenacetin	<0.0994	U H *+	0.568	0.0994	ug/L		11/20/24 07:01	11/22/24 05:09	1
Phorate	<0.220	U H	0.568	0.220	ug/L		11/20/24 07:01	11/22/24 05:09	1
p-Phenylene diamine	<0.497	U H *-	1.14	0.497	ug/L		11/20/24 07:01	11/22/24 05:09	1
Pronamide	<0.0994	U H *+	0.568	0.0994	ug/L		11/20/24 07:01	11/22/24 05:09	1
Safrole, Total	<0.0568	U H	0.568	0.0568	ug/L		11/20/24 07:01	11/22/24 05:09	1
Sulfotepp	<0.146	U H	0.568	0.146	ug/L		11/20/24 07:01	11/22/24 05:09	1
Thionazin	<0.207	U H	1.14	0.207	ug/L		11/20/24 07:01	11/22/24 05:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*161*	*S1+*	*35 - 130*	*11/20/24 07:01*	*11/22/24 05:09*	*1*
2-Fluorobiphenyl	*101*		*43 - 130*	*11/20/24 07:01*	*11/22/24 05:09*	*1*
2-Fluorophenol (Surr)	*75*		*19 - 120*	*11/20/24 07:01*	*11/22/24 05:09*	*1*
Nitrobenzene-d5 (Surr)	*113*		*37 - 133*	*11/20/24 07:01*	*11/22/24 05:09*	*1*
Phenol-d5 (Surr)	*67*		*8 - 124*	*11/20/24 07:01*	*11/22/24 05:09*	*1*
p-Terphenyl-d14	*95*		*47 - 130*	*11/20/24 07:01*	*11/22/24 05:09*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**42.3**	**H**	11.4	1.20	ug/L		11/20/24 07:01	11/25/24 19:49	20
Naphthalene	**266**	**H**	11.4	1.88	ug/L		11/20/24 07:01	11/25/24 19:49	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*143*	*S1+*	*35 - 130*	*11/20/24 07:01*	*11/25/24 19:49*	*20*
2-Fluorobiphenyl	*97*		*43 - 130*	*11/20/24 07:01*	*11/25/24 19:49*	*20*
2-Fluorophenol (Surr)	*98*		*19 - 120*	*11/20/24 07:01*	*11/25/24 19:49*	*20*
Nitrobenzene-d5 (Surr)	*127*		*37 - 133*	*11/20/24 07:01*	*11/25/24 19:49*	*20*
Phenol-d5 (Surr)	*66*		*8 - 124*	*11/20/24 07:01*	*11/25/24 19:49*	*20*
p-Terphenyl-d14	*134*	*S1+*	*47 - 130*	*11/20/24 07:01*	*11/25/24 19:49*	*20*

Client Sample ID: MW-68

Date Collected: 11/05/24 14:29
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<3.22	U	5.00	3.22	ug/L			11/10/24 09:33	5
1,1,1-Trichloroethane	<2.93	U	25.0	2.93	ug/L			11/10/24 09:33	5
1,1,2,2-Tetrachloroethane	<2.35	U	5.00	2.35	ug/L			11/10/24 09:33	5
1,1,2-Trichloro-1,2,2-trifluoroethane	<5.55	U	50.0	5.55	ug/L			11/10/24 09:33	5
1,1,2-Trichloroethane	<2.06	U	5.00	2.06	ug/L			11/10/24 09:33	5
1,1-Dichloroethane	<3.18	U	5.00	3.18	ug/L			11/10/24 09:33	5
1,1-Dichloroethene	<3.69	U	5.00	3.69	ug/L			11/10/24 09:33	5
1,2,3-Trichloropropane	<2.35	U	5.00	2.35	ug/L			11/10/24 09:33	5
1,2,4-Trimethylbenzene	**152**		5.00	2.09	ug/L			11/10/24 09:33	5
1,2-Dibromo-3-Chloropropane	<3.36	U	25.0	3.36	ug/L			11/10/24 09:33	5
1,2-Dibromoethane	<5.00	U	25.0	5.00	ug/L			11/10/24 09:33	5
1,2-Dichloroethane	<1.86	U	5.00	1.86	ug/L			11/10/24 09:33	5
1,2-Dichloropropane	<2.78	U	25.0	2.78	ug/L			11/10/24 09:33	5
1,3,5-Trimethylbenzene	**60.7**		5.00	2.06	ug/L			11/10/24 09:33	5

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: MW-68

Date Collected: 11/05/24 14:29
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-8

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Butadiene	<2.84	U	5.00	2.84	ug/L			11/10/24 09:33	5
2,2,4-Trimethylpentane	<2.50	U	25.0	2.50	ug/L			11/10/24 09:33	5
2-Butanone (MEK)	<41.4	U	250	41.4	ug/L			11/10/24 09:33	5
2-Hexanone (MBK)	<25.0	U	250	25.0	ug/L			11/10/24 09:33	5
2-Propanol	<26.1	U	50.0	26.1	ug/L			11/10/24 09:33	5
3-Chloropropene (Allyl Chloride)	<2.99	U	25.0	2.99	ug/L			11/10/24 09:33	5
4-Methyl-2-pentanone	<25.0	U	250	25.0	ug/L			11/10/24 09:33	5
Acetone	<15.3	U	500	15.3	ug/L			11/10/24 09:33	5
Acetonitrile	<73.0	U	500	73.0	ug/L			11/10/24 09:33	5
Acrolein	<55.6	U	250	55.6	ug/L			11/10/24 09:33	5
Acrylonitrile	<71.6	U	250	71.6	ug/L			11/10/24 09:33	5
alpha-Chlorotoluene	<11.3	U	25.0	11.3	ug/L			11/10/24 09:33	5
Bromodichloromethane	<2.76	U	5.00	2.76	ug/L			11/10/24 09:33	5
Bromoform	<3.17	U	25.0	3.17	ug/L			11/10/24 09:33	5
Bromomethane	<7.10	U	25.0	7.10	ug/L			11/10/24 09:33	5
Carbon disulfide	<8.25	U	25.0	8.25	ug/L			11/10/24 09:33	5
Carbon tetrachloride	<4.48	U	25.0	4.48	ug/L			11/10/24 09:33	5
Chlorobenzene	<2.28	U	5.00	2.28	ug/L			11/10/24 09:33	5
Chlorodibromomethane	<2.74	U	25.0	2.74	ug/L			11/10/24 09:33	5
Chloroethane	<9.92	U	50.0	9.92	ug/L			11/10/24 09:33	5
Chloroform	<2.32	U	5.00	2.32	ug/L			11/10/24 09:33	5
Chloromethane	<10.2	U	50.0	10.2	ug/L			11/10/24 09:33	5
Chloroprene	<2.99	U	25.0	2.99	ug/L			11/10/24 09:33	5
cis-1,2-Dichloroethene	<2.29	U	5.00	2.29	ug/L			11/10/24 09:33	5
cis-1,3-Dichloropropene	<5.34	U	25.0	5.34	ug/L			11/10/24 09:33	5
Cumene (isopropylbenzene)	**34.5**		5.00	2.96	ug/L			11/10/24 09:33	5
Cyclohexane	**303**		25.0	6.43	ug/L			11/10/24 09:33	5
Dibromomethane	<1.79	U	5.00	1.79	ug/L			11/10/24 09:33	5
Dichlorodifluoromethane	<3.93	U	5.00	3.93	ug/L			11/10/24 09:33	5
Ethyl methacrylate	<5.59	U	25.0	5.59	ug/L			11/10/24 09:33	5
Ethylbenzene	**500**		5.00	1.93	ug/L			11/10/24 09:33	5
Hexane	**11.4**	**J**	25.0	2.59	ug/L			11/10/24 09:33	5
Iodomethane	<25.0	U	100	25.0	ug/L			11/10/24 09:33	5
Isobutanol	<85.5	U	250	85.5	ug/L			11/10/24 09:33	5
Methacrylonitrile	**692**		50.0	13.6	ug/L			11/10/24 09:33	5
Methyl methacrylate	<11.3	U	50.0	11.3	ug/L			11/10/24 09:33	5
Methyl tert-butyl ether	<6.96	U	25.0	6.96	ug/L			11/10/24 09:33	5
Methylene Chloride	<8.63	U	25.0	8.63	ug/L			11/10/24 09:33	5
Propionitrile	<16.7	U	50.0	16.7	ug/L			11/10/24 09:33	5
Propylbenzene	**51.6**		5.00	2.15	ug/L			11/10/24 09:33	5
Styrene	<3.10	U	5.00	3.10	ug/L			11/10/24 09:33	5
Tetrachloroethene	<3.28	U	5.00	3.28	ug/L			11/10/24 09:33	5
Tetrahydrofuran	<9.17	U	50.0	9.17	ug/L			11/10/24 09:33	5
Toluene	**29.9**		5.00	2.38	ug/L			11/10/24 09:33	5
trans-1,2-Dichloroethene	<1.84	U	5.00	1.84	ug/L			11/10/24 09:33	5
trans-1,3-Dichloropropene	<6.34	U	25.0	6.34	ug/L			11/10/24 09:33	5
trans-1,4-Dichloro-2-butene	<6.75	U	50.0	6.75	ug/L			11/10/24 09:33	5
Trichloroethene	<7.50	U	25.0	7.50	ug/L			11/10/24 09:33	5
Trichlorofluoromethane	<2.80	U	5.00	2.80	ug/L			11/10/24 09:33	5

Client Sample ID: MW-68

Date Collected: 11/05/24 14:29
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-8

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	<10.7	U *1	100	10.7	ug/L			11/10/24 09:33	5
Vinyl chloride	<2.14	U	10.0	2.14	ug/L			11/10/24 09:33	5
Xylenes, Total	**638**		50.0	6.20	ug/L			11/10/24 09:33	5
m,p-Xylenes	**0.625**		0.0500	0.00620	mg/L			11/10/24 09:33	5
o-Xylene	**0.0132**		0.00500	0.00251	mg/L			11/10/24 09:33	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 144*		*11/10/24 09:33*	*5*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*11/10/24 09:33*	*5*
Dibromofluoromethane (Surr)	*90*		*75 - 131*		*11/10/24 09:33*	*5*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/10/24 09:33*	*5*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1400**		50.0	23.0	ug/L			11/11/24 17:26	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*63 - 144*		*11/11/24 17:26*	*50*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*11/11/24 17:26*	*50*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/11/24 17:26*	*50*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/11/24 17:26*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0773	U	0.576	0.0773	ug/L		11/12/24 06:44	11/17/24 22:58	1
1,2-Dichlorobenzene	<0.0949	U	0.576	0.0949	ug/L		11/12/24 06:44	11/17/24 22:58	1
1,3-Dichlorobenzene	<0.103	U	0.576	0.103	ug/L		11/12/24 06:44	11/17/24 22:58	1
1,4-Dichlorobenzene	<0.0786	U	0.576	0.0786	ug/L		11/12/24 06:44	11/17/24 22:58	1
2,2'-oxybis[1-chloropropane]	<1.44	U	2.88	1.44	ug/L		11/12/24 06:44	11/17/24 22:58	1
2,4,5-Trichlorophenol	<0.144	U	0.576	0.144	ug/L		11/12/24 06:44	11/17/24 22:58	1
2,4,6-Trichlorophenol	<0.233	U	0.576	0.233	ug/L		11/12/24 06:44	11/17/24 22:58	1
2,4-Dichlorophenol	<0.141	U	0.576	0.141	ug/L		11/12/24 06:44	11/17/24 22:58	1
2,4-Dimethylphenol	**2.90**		0.576	0.194	ug/L		11/12/24 06:44	11/17/24 22:58	1
1,4-Dioxane	<0.0898	U	0.576	0.0898	ug/L		11/12/24 06:44	11/17/24 22:58	1
2,4-Dinitrophenol	<0.105	U	2.88	0.105	ug/L		11/12/24 06:44	11/17/24 22:58	1
2,4-Dinitrotoluene	<0.206	U	0.576	0.206	ug/L		11/12/24 06:44	11/17/24 22:58	1
2,6-Dinitrotoluene	<0.117	U	0.576	0.117	ug/L		11/12/24 06:44	11/17/24 22:58	1
2-Chloronaphthalene	<0.382	U	0.576	0.382	ug/L		11/12/24 06:44	11/17/24 22:58	1
2-Methylphenol	<0.106	U	0.576	0.106	ug/L		11/12/24 06:44	11/17/24 22:58	1
2-Nitroaniline	<0.150	U	0.576	0.150	ug/L		11/12/24 06:44	11/17/24 22:58	1
2-Nitrophenol	<0.137	U	0.576	0.137	ug/L		11/12/24 06:44	11/17/24 22:58	1
3 & 4 Methylphenol	<0.140	U	0.576	0.140	ug/L		11/12/24 06:44	11/17/24 22:58	1
3-Nitroaniline	<0.0860	U	0.576	0.0860	ug/L		11/12/24 06:44	11/17/24 22:58	1
4,6-Dinitro-2-methylphenol	<0.203	U	1.15	0.203	ug/L		11/12/24 06:44	11/17/24 22:58	1
4-Bromophenyl phenyl ether	<0.101	U	0.576	0.101	ug/L		11/12/24 06:44	11/17/24 22:58	1
4-Chloro-3-methylphenol	<0.105	U	0.576	0.105	ug/L		11/12/24 06:44	11/17/24 22:58	1
4-Chloroaniline	<0.0389	U	0.576	0.0389	ug/L		11/12/24 06:44	11/17/24 22:58	1
4-Chlorophenyl phenyl ether	<0.132	U	0.576	0.132	ug/L		11/12/24 06:44	11/17/24 22:58	1
4-Nitroaniline	<0.110	U	0.576	0.110	ug/L		11/12/24 06:44	11/17/24 22:58	1
Acenaphthene	<0.108	U	0.576	0.108	ug/L		11/12/24 06:44	11/17/24 22:58	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: MW-68

Date Collected: 11/05/24 14:29
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-8

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	<0.101	U	0.576	0.101	ug/L		11/12/24 06:44	11/17/24 22:58	1
Aniline	<0.0585	U	0.576	0.0585	ug/L		11/12/24 06:44	11/17/24 22:58	1
Anthracene	<0.0946	U	0.576	0.0946	ug/L		11/12/24 06:44	11/17/24 22:58	1
Benzo[a]anthracene	<0.0288	U	0.0288	0.0288	ug/L		11/12/24 06:44	11/17/24 22:58	1
Benzo[a]pyrene	<0.0303	U	0.0576	0.0303	ug/L		11/12/24 06:44	11/17/24 22:58	1
Benzo[b]fluoranthene	<0.0670	U	0.576	0.0670	ug/L		11/12/24 06:44	11/17/24 22:58	1
Benzo[g,h,i]perylene	<0.0348	U	0.576	0.0348	ug/L		11/12/24 06:44	11/17/24 22:58	1
Benzo[k]fluoranthene	<0.0477	U	0.576	0.0477	ug/L		11/12/24 06:44	11/17/24 22:58	1
Benzyl alcohol	<0.605	U	1.15	0.605	ug/L		11/12/24 06:44	11/17/24 22:58	1
Bis(2-chloroethoxy)methane	<0.0983	U	0.576	0.0983	ug/L		11/12/24 06:44	11/17/24 22:58	1
Bis(2-chloroethyl)ether	<0.216	U	0.576	0.216	ug/L		11/12/24 06:44	11/17/24 22:58	1
Bis(2-ethylhexyl) phthalate	<0.908	U	1.15	0.908	ug/L		11/12/24 06:44	11/17/24 22:58	1
Butyl benzyl phthalate	<0.504	U	1.15	0.504	ug/L		11/12/24 06:44	11/17/24 22:58	1
Chrysene	<0.0822	U	0.576	0.0822	ug/L		11/12/24 06:44	11/17/24 22:58	1
Dibenz(a,h)anthracene	<0.0513	U	0.115	0.0513	ug/L		11/12/24 06:44	11/17/24 22:58	1
Dibenzofuran	<0.107	U	0.576	0.107	ug/L		11/12/24 06:44	11/17/24 22:58	1
Diethyl phthalate	<0.156	U	1.15	0.156	ug/L		11/12/24 06:44	11/17/24 22:58	1
Dimethyl phthalate	<0.109	U	1.15	0.109	ug/L		11/12/24 06:44	11/17/24 22:58	1
Di-n-butyl phthalate	<0.772	U	1.15	0.772	ug/L		11/12/24 06:44	11/17/24 22:58	1
Di-n-octyl phthalate	<0.271	U	1.15	0.271	ug/L		11/12/24 06:44	11/17/24 22:58	1
Fluoranthene	<0.0891	U	0.576	0.0891	ug/L		11/12/24 06:44	11/17/24 22:58	1
Fluorene	<0.0956	U	0.576	0.0956	ug/L		11/12/24 06:44	11/17/24 22:58	1
Hexachlorobenzene	<0.0983	U	0.576	0.0983	ug/L		11/12/24 06:44	11/17/24 22:58	1
Hexachlorobutadiene	<0.104	U	0.576	0.104	ug/L		11/12/24 06:44	11/17/24 22:58	1
Hexachlorocyclopentadiene	<0.0516	U	0.576	0.0516	ug/L		11/12/24 06:44	11/17/24 22:58	1
Hexachloroethane	<0.103	U	0.576	0.103	ug/L		11/12/24 06:44	11/17/24 22:58	1
Indeno[1,2,3-cd]pyrene	<0.101	U	0.576	0.101	ug/L		11/12/24 06:44	11/17/24 22:58	1
Isophorone	<0.107	U	0.576	0.107	ug/L		11/12/24 06:44	11/17/24 22:58	1
Nitrobenzene	<0.0743	U	0.576	0.0743	ug/L		11/12/24 06:44	11/17/24 22:58	1
N-Nitrosodi-n-propylamine	<0.120	U	0.576	0.120	ug/L		11/12/24 06:44	11/17/24 22:58	1
N-Nitrosodiphenylamine	<0.146	U	0.576	0.146	ug/L		11/12/24 06:44	11/17/24 22:58	1
Pentachlorophenol	<1.05	U	1.15	1.05	ug/L		11/12/24 06:44	11/17/24 22:58	1
Phenanthrene	<0.135	U	0.576	0.135	ug/L		11/12/24 06:44	11/17/24 22:58	1
Phenol	**1.21**	**J I B**	2.88	0.452	ug/L		11/12/24 06:44	11/17/24 22:58	1
Pyrene	<0.0856	U	0.576	0.0856	ug/L		11/12/24 06:44	11/17/24 22:58	1
N-Nitro-o-toluidine	<0.525	U	1.15	0.525	ug/L		11/12/24 06:44	11/17/24 22:58	1
2,3,4,6-Tetrachlorophenol	<0.212	U	0.576	0.212	ug/L		11/12/24 06:44	11/17/24 22:58	1
Acetophenone	**8.63**	**I**	1.15	0.629	ug/L		11/12/24 06:44	11/17/24 22:58	1
N-Nitrosopiperidine	<0.471	U	1.15	0.471	ug/L		11/12/24 06:44	11/17/24 22:58	1
Pentachlorobenzene	<0.268	U	0.576	0.268	ug/L		11/12/24 06:44	11/17/24 22:58	1
Diphenyl ether	<0.0918	U	0.576	0.0918	ug/L		11/12/24 06:44	11/17/24 22:58	1
1,1'-Biphenyl	**0.229**	**J**	0.576	0.0990	ug/L		11/12/24 06:44	11/17/24 22:58	1
4-Aminobiphenyl	<0.397	U	0.576	0.397	ug/L		11/12/24 06:44	11/17/24 22:58	1
1,2,4,5-Tetrachlorobenzene	<0.0966	U	0.576	0.0966	ug/L		11/12/24 06:44	11/17/24 22:58	1
1,3,5-Trinitrobenzene	<0.120	U	0.576	0.120	ug/L		11/12/24 06:44	11/17/24 22:58	1
1,3-Dinitrobenzene	<0.0779	U	0.576	0.0779	ug/L		11/12/24 06:44	11/17/24 22:58	1
1,4-Naphthoquinone	<0.317	U	0.576	0.317	ug/L		11/12/24 06:44	11/17/24 22:58	1
1-Naphthylamine	<0.150	U	0.576	0.150	ug/L		11/12/24 06:44	11/17/24 22:58	1
2,6-Dichlorophenol	<0.119	U	0.576	0.119	ug/L		11/12/24 06:44	11/17/24 22:58	1

Client Sample ID: MW-68
Date Collected: 11/05/24 14:29
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-8
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Acetylaminofluorene	<1.28	U *+	2.88	1.28	ug/L		11/12/24 06:44	11/17/24 22:58	1
2-Chlorophenol	<0.0763	U	0.576	0.0763	ug/L		11/12/24 06:44	11/17/24 22:58	1
2-Naphthylamine	<0.290	U	0.576	0.290	ug/L		11/12/24 06:44	11/17/24 22:58	1
2-Picoline	<0.124	U	0.576	0.124	ug/L		11/12/24 06:44	11/17/24 22:58	1
2-Toluidine	<0.309	U	0.576	0.309	ug/L		11/12/24 06:44	11/17/24 22:58	1
3,3'-Dichlorobenzidine	<0.185	U	0.576	0.185	ug/L		11/12/24 06:44	11/17/24 22:58	1
3,3'-Dimethylbenzidine	<0.143	U	0.576	0.143	ug/L		11/12/24 06:44	11/17/24 22:58	1
3-Methylcholanthrene	<0.105	U	0.576	0.105	ug/L		11/12/24 06:44	11/17/24 22:58	1
4-Nitroquinoline-1-oxide	<0.736	U	1.15	0.736	ug/L		11/12/24 06:44	11/17/24 22:58	1
7,12-Dimethylbenz(a)anthracene	<0.243	U	0.576	0.243	ug/L		11/12/24 06:44	11/17/24 22:58	1
alpha,alpha-Dimethyl phenethylamine	<3.70	U *-	5.76	3.70	ug/L		11/12/24 06:44	11/17/24 22:58	1
Aramite Peak 1	<0.0792	U	0.576	0.0792	ug/L		11/12/24 06:44	11/17/24 22:58	1
Aramite Peak 2	<0.0962	U	0.576	0.0962	ug/L		11/12/24 06:44	11/17/24 22:58	1
Aramite, Total	<0.0962	U	0.576	0.0962	ug/L		11/12/24 06:44	11/17/24 22:58	1
Diallate	<0.0842	U	0.576	0.0842	ug/L		11/12/24 06:44	11/17/24 22:58	1
Diallate Peak 1	<0.0842	U	0.576	0.0842	ug/L		11/12/24 06:44	11/17/24 22:58	1
Diallate Peak 2	<0.0389	U	0.576	0.0389	ug/L		11/12/24 06:44	11/17/24 22:58	1
Dimethoate	<0.123	U *+	0.576	0.123	ug/L		11/12/24 06:44	11/17/24 22:58	1
Dinoseb	<0.575	U	2.88	0.575	ug/L		11/12/24 06:44	11/17/24 22:58	1
Disulfoton	<0.204	U *+	0.576	0.204	ug/L		11/12/24 06:44	11/17/24 22:58	1
Ethyl methanesulfonate	<0.229	U	0.576	0.229	ug/L		11/12/24 06:44	11/17/24 22:58	1
Ethyl Parathion	<0.0506	U *+	0.231	0.0506	ug/L		11/12/24 06:44	11/17/24 22:58	1
Famphur	<0.152	U *+	1.15	0.152	ug/L		11/12/24 06:44	11/17/24 22:58	1
Hexachloropropene	<0.302	U	0.576	0.302	ug/L		11/12/24 06:44	11/17/24 22:58	1
Isosafrole	<0.243	U	0.576	0.243	ug/L		11/12/24 06:44	11/17/24 22:58	1
Isosafrole Peak 1	<0.0467	U	0.576	0.0467	ug/L		11/12/24 06:44	11/17/24 22:58	1
Isosafrole Peak 2	<0.243	U	0.576	0.243	ug/L		11/12/24 06:44	11/17/24 22:58	1
Methapyrilene	<1.01	U *+	2.31	1.01	ug/L		11/12/24 06:44	11/17/24 22:58	1
Methyl methanesulfonate	<0.121	U	0.576	0.121	ug/L		11/12/24 06:44	11/17/24 22:58	1
Methyl parathion	<0.322	U *+	0.576	0.322	ug/L		11/12/24 06:44	11/17/24 22:58	1
N-Nitrosodiethylamine	<0.543	U	1.15	0.543	ug/L		11/12/24 06:44	11/17/24 22:58	1
N-Nitrosodimethylamine	<0.101	U	0.576	0.101	ug/L		11/12/24 06:44	11/17/24 22:58	1
N-Nitrosodi-n-butylamine	<0.520	U	1.15	0.520	ug/L		11/12/24 06:44	11/17/24 22:58	1
N-Nitrosomethylethylamine	<0.296	U	0.576	0.296	ug/L		11/12/24 06:44	11/17/24 22:58	1
N-Nitrosomorpholine	<0.222	U	0.576	0.222	ug/L		11/12/24 06:44	11/17/24 22:58	1
N-Nitrosopyrrolidine	<0.270	U *-	0.576	0.270	ug/L		11/12/24 06:44	11/17/24 22:58	1
o,o',o''-Triethylphosphorothioate	<0.139	U *+	0.576	0.139	ug/L		11/12/24 06:44	11/17/24 22:58	1
p-Dimethylamino azobenzene	<0.0240	U	0.576	0.0240	ug/L		11/12/24 06:44	11/17/24 22:58	1
Pentachloronitrobenzene	<0.101	U	0.576	0.101	ug/L		11/12/24 06:44	11/17/24 22:58	1
Phenacetin	<0.101	U	0.576	0.101	ug/L		11/12/24 06:44	11/17/24 22:58	1
Phorate	<0.223	U *+	0.576	0.223	ug/L		11/12/24 06:44	11/17/24 22:58	1
p-Phenylene diamine	<0.504	U	1.15	0.504	ug/L		11/12/24 06:44	11/17/24 22:58	1
Pronamide	<0.101	U *+	0.576	0.101	ug/L		11/12/24 06:44	11/17/24 22:58	1
Safrole, Total	<0.0576	U	0.576	0.0576	ug/L		11/12/24 06:44	11/17/24 22:58	1
Sulfotepp	<0.148	U *+	0.576	0.148	ug/L		11/12/24 06:44	11/17/24 22:58	1
Thionazin	<0.210	U *+	1.15	0.210	ug/L		11/12/24 06:44	11/17/24 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*35 - 130*	*11/12/24 06:44*	*11/17/24 22:58*	*1*
2-Fluorobiphenyl	*64*		*43 - 130*	*11/12/24 06:44*	*11/17/24 22:58*	*1*

Client Sample ID: MW-68
Date Collected: 11/05/24 14:29
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-8
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*60*		*19 - 120*	*11/12/24 06:44*	*11/17/24 22:58*	*1*
Nitrobenzene-d5 (Surr)	*91*		*37 - 133*	*11/12/24 06:44*	*11/17/24 22:58*	*1*
Phenol-d5 (Surr)	*50*		*8 - 124*	*11/12/24 06:44*	*11/17/24 22:58*	*1*
p-Terphenyl-d14	*81*		*47 - 130*	*11/12/24 06:44*	*11/17/24 22:58*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**84.6**		11.5	1.22	ug/L		11/12/24 06:44	12/05/24 13:44	20
Pyridine	<29.0	U	57.6	29.0	ug/L		11/12/24 06:44	12/05/24 13:44	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*156*	*I S1+*	*35 - 130*	*11/12/24 06:44*	*12/05/24 13:44*	*20*
2-Fluorobiphenyl	*94*		*43 - 130*	*11/12/24 06:44*	*12/05/24 13:44*	*20*
2-Fluorophenol (Surr)	*84*		*19 - 120*	*11/12/24 06:44*	*12/05/24 13:44*	*20*
Nitrobenzene-d5 (Surr)	*111*		*37 - 133*	*11/12/24 06:44*	*12/05/24 13:44*	*20*
Phenol-d5 (Surr)	*49*		*8 - 124*	*11/12/24 06:44*	*12/05/24 13:44*	*20*
p-Terphenyl-d14	*119*		*47 - 130*	*11/12/24 06:44*	*12/05/24 13:44*	*20*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**551**		57.6	9.53	ug/L		11/12/24 06:44	12/05/24 15:46	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*280*	*I S1+*	*35 - 130*	*11/12/24 06:44*	*12/05/24 15:46*	*100*
2-Fluorobiphenyl	*100*		*43 - 130*	*11/12/24 06:44*	*12/05/24 15:46*	*100*
2-Fluorophenol (Surr)	*91*		*19 - 120*	*11/12/24 06:44*	*12/05/24 15:46*	*100*
Nitrobenzene-d5 (Surr)	*96*		*37 - 133*	*11/12/24 06:44*	*12/05/24 15:46*	*100*
Phenol-d5 (Surr)	*73*		*8 - 124*	*11/12/24 06:44*	*12/05/24 15:46*	*100*
p-Terphenyl-d14	*127*	*I*	*47 - 130*	*11/12/24 06:44*	*12/05/24 15:46*	*100*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0757	U H	0.564	0.0757	ug/L		11/20/24 07:01	11/22/24 05:39	1
1,2-Dichlorobenzene	<0.0929	U H	0.564	0.0929	ug/L		11/20/24 07:01	11/22/24 05:39	1
1,3-Dichlorobenzene	<0.100	U H	0.564	0.100	ug/L		11/20/24 07:01	11/22/24 05:39	1
1,4-Dichlorobenzene	<0.0769	U H	0.564	0.0769	ug/L		11/20/24 07:01	11/22/24 05:39	1
2,2'-oxybis[1-chloropropane]	**1.95**	**J H I**	2.82	1.41	ug/L		11/20/24 07:01	11/22/24 05:39	1
2,4,5-Trichlorophenol	<0.141	U H *+	0.564	0.141	ug/L		11/20/24 07:01	11/22/24 05:39	1
2,4,6-Trichlorophenol	<0.228	U H *+	0.564	0.228	ug/L		11/20/24 07:01	11/22/24 05:39	1
2,4-Dichlorophenol	<0.138	U H	0.564	0.138	ug/L		11/20/24 07:01	11/22/24 05:39	1
2,4-Dimethylphenol	**3.31**	**H *+**	0.564	0.190	ug/L		11/20/24 07:01	11/22/24 05:39	1
1,4-Dioxane	<0.0879	U H	0.564	0.0879	ug/L		11/20/24 07:01	11/22/24 05:39	1
2,4-Dinitrophenol	<0.103	U H	2.82	0.103	ug/L		11/20/24 07:01	11/22/24 05:39	1
2,4-Dinitrotoluene	<0.202	U H *+	0.564	0.202	ug/L		11/20/24 07:01	11/22/24 05:39	1
2,6-Dinitrotoluene	<0.115	U H	0.564	0.115	ug/L		11/20/24 07:01	11/22/24 05:39	1
2-Chloronaphthalene	<0.373	U H	0.564	0.373	ug/L		11/20/24 07:01	11/22/24 05:39	1
2-Methylphenol	<0.103	U H	0.564	0.103	ug/L		11/20/24 07:01	11/22/24 05:39	1
2-Nitroaniline	<0.147	U H *+	0.564	0.147	ug/L		11/20/24 07:01	11/22/24 05:39	1
2-Nitrophenol	<0.134	U H	0.564	0.134	ug/L		11/20/24 07:01	11/22/24 05:39	1
3 & 4 Methylphenol	<0.137	U H	0.564	0.137	ug/L		11/20/24 07:01	11/22/24 05:39	1

Client Sample ID: MW-68
Lab Sample ID: 860-86517-8
Date Collected: 11/05/24 14:29
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	<0.0842	U H	0.564	0.0842	ug/L		11/20/24 07:01	11/22/24 05:39	1
4,6-Dinitro-2-methylphenol	<0.199	U H	1.13	0.199	ug/L		11/20/24 07:01	11/22/24 05:39	1
4-Bromophenyl phenyl ether	<0.0990	U H *+	0.564	0.0990	ug/L		11/20/24 07:01	11/22/24 05:39	1
4-Chloro-3-methylphenol	<0.102	U H	0.564	0.102	ug/L		11/20/24 07:01	11/22/24 05:39	1
4-Chloroaniline	<0.0381	U H	0.564	0.0381	ug/L		11/20/24 07:01	11/22/24 05:39	1
4-Chlorophenyl phenyl ether	<0.129	U H	0.564	0.129	ug/L		11/20/24 07:01	11/22/24 05:39	1
4-Nitroaniline	<0.107	U H	0.564	0.107	ug/L		11/20/24 07:01	11/22/24 05:39	1
Acenaphthene	<0.106	U H	0.564	0.106	ug/L		11/20/24 07:01	11/22/24 05:39	1
Acenaphthylene	<0.0984	U H	0.564	0.0984	ug/L		11/20/24 07:01	11/22/24 05:39	1
Aniline	<0.0572	U H	0.564	0.0572	ug/L		11/20/24 07:01	11/22/24 05:39	1
Anthracene	<0.0926	U H	0.564	0.0926	ug/L		11/20/24 07:01	11/22/24 05:39	1
Benzo[a]anthracene	<0.0282	U H *+	0.0282	0.0282	ug/L		11/20/24 07:01	11/22/24 05:39	1
Benzo[a]pyrene	<0.0296	U H	0.0564	0.0296	ug/L		11/20/24 07:01	11/22/24 05:39	1
Benzo[b]fluoranthene	<0.0655	U H *+	0.564	0.0655	ug/L		11/20/24 07:01	11/22/24 05:39	1
Benzo[g,h,i]perylene	<0.0341	U H	0.564	0.0341	ug/L		11/20/24 07:01	11/22/24 05:39	1
Benzo[k]fluoranthene	<0.0467	U H *+	0.564	0.0467	ug/L		11/20/24 07:01	11/22/24 05:39	1
Bis(2-chloroethoxy)methane	<0.0962	U H	0.564	0.0962	ug/L		11/20/24 07:01	11/22/24 05:39	1
Bis(2-chloroethyl)ether	<0.212	U H *+	0.564	0.212	ug/L		11/20/24 07:01	11/22/24 05:39	1
Bis(2-ethylhexyl) phthalate	<0.889	U H *+	1.13	0.889	ug/L		11/20/24 07:01	11/22/24 05:39	1
Butyl benzyl phthalate	<0.494	U H	1.13	0.494	ug/L		11/20/24 07:01	11/22/24 05:39	1
Chrysene	<0.0805	U H *+	0.564	0.0805	ug/L		11/20/24 07:01	11/22/24 05:39	1
Dibenz(a,h)anthracene	<0.0502	U H	0.113	0.0502	ug/L		11/20/24 07:01	11/22/24 05:39	1
Dibenzofuran	<0.105	U H *+	0.564	0.105	ug/L		11/20/24 07:01	11/22/24 05:39	1
Diethyl phthalate	<0.153	U H *+	1.13	0.153	ug/L		11/20/24 07:01	11/22/24 05:39	1
Dimethyl phthalate	<0.107	U H	1.13	0.107	ug/L		11/20/24 07:01	11/22/24 05:39	1
Di-n-butyl phthalate	<0.755	U H *+	1.13	0.755	ug/L		11/20/24 07:01	11/22/24 05:39	1
Di-n-octyl phthalate	<0.266	U H *+ *1	1.13	0.266	ug/L		11/20/24 07:01	11/22/24 05:39	1
Fluoranthene	<0.0872	U H *+	0.564	0.0872	ug/L		11/20/24 07:01	11/22/24 05:39	1
Fluorene	<0.0936	U H	0.564	0.0936	ug/L		11/20/24 07:01	11/22/24 05:39	1
Hexachlorobenzene	<0.0962	U H	0.564	0.0962	ug/L		11/20/24 07:01	11/22/24 05:39	1
Hexachlorobutadiene	<0.101	U H	0.564	0.101	ug/L		11/20/24 07:01	11/22/24 05:39	1
Hexachlorocyclopentadiene	<0.0506	U H	0.564	0.0506	ug/L		11/20/24 07:01	11/22/24 05:39	1
Hexachloroethane	<0.101	U H	0.564	0.101	ug/L		11/20/24 07:01	11/22/24 05:39	1
Indeno[1,2,3-cd]pyrene	<0.0987	U H	0.564	0.0987	ug/L		11/20/24 07:01	11/22/24 05:39	1
Isophorone	<0.105	U H	0.564	0.105	ug/L		11/20/24 07:01	11/22/24 05:39	1
Nitrobenzene	<0.0727	U H	0.564	0.0727	ug/L		11/20/24 07:01	11/22/24 05:39	1
N-Nitrosodi-n-propylamine	<0.117	U H	0.564	0.117	ug/L		11/20/24 07:01	11/22/24 05:39	1
N-Nitrosodiphenylamine	<0.143	U H *+	0.564	0.143	ug/L		11/20/24 07:01	11/22/24 05:39	1
Pentachlorophenol	<1.03	U H	1.13	1.03	ug/L		11/20/24 07:01	11/22/24 05:39	1
Phenanthrene	<0.132	U H	0.564	0.132	ug/L		11/20/24 07:01	11/22/24 05:39	1
Phenol	**1.75**	**J H I *1**	2.82	0.442	ug/L		11/20/24 07:01	11/22/24 05:39	1
Pyrene	<0.0838	U H *+	0.564	0.0838	ug/L		11/20/24 07:01	11/22/24 05:39	1
N-Nitro-o-toluidine	<0.514	U H	1.13	0.514	ug/L		11/20/24 07:01	11/22/24 05:39	1
2,3,4,6-Tetrachlorophenol	<0.208	U H *+	0.564	0.208	ug/L		11/20/24 07:01	11/22/24 05:39	1
Acetophenone	**13.3**	**H I *+**	1.13	0.616	ug/L		11/20/24 07:01	11/22/24 05:39	1
N-Nitrosopiperidine	<0.461	U H	1.13	0.461	ug/L		11/20/24 07:01	11/22/24 05:39	1
Pentachlorobenzene	<0.263	U H	0.564	0.263	ug/L		11/20/24 07:01	11/22/24 05:39	1
Diphenyl ether	**1.16**	**H I**	0.564	0.0898	ug/L		11/20/24 07:01	11/22/24 05:39	1
1,1'-Biphenyl	**0.237**	**J H**	0.564	0.0969	ug/L		11/20/24 07:01	11/22/24 05:39	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: MW-68

Date Collected: 11/05/24 14:29
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-8

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Aminobiphenyl	<0.389	U H	0.564	0.389	ug/L		11/20/24 07:01	11/22/24 05:39	1
1,2,4,5-Tetrachlorobenzene	<0.0945	U H	0.564	0.0945	ug/L		11/20/24 07:01	11/22/24 05:39	1
1,3,5-Trinitrobenzene	<0.117	U H	0.564	0.117	ug/L		11/20/24 07:01	11/22/24 05:39	1
1,3-Dinitrobenzene	<0.0763	U H	0.564	0.0763	ug/L		11/20/24 07:01	11/22/24 05:39	1
1,4-Naphthoquinone	<0.310	U H	0.564	0.310	ug/L		11/20/24 07:01	11/22/24 05:39	1
1-Naphthylamine	<0.147	U H	0.564	0.147	ug/L		11/20/24 07:01	11/22/24 05:39	1
2,6-Dichlorophenol	<0.117	U H	0.564	0.117	ug/L		11/20/24 07:01	11/22/24 05:39	1
2-Acetylaminofluorene	<1.25	U *+ H	2.82	1.25	ug/L		11/20/24 07:01	11/22/24 05:39	1
2-Chlorophenol	<0.0747	U H	0.564	0.0747	ug/L		11/20/24 07:01	11/22/24 05:39	1
2-Naphthylamine	<0.284	U H	0.564	0.284	ug/L		11/20/24 07:01	11/22/24 05:39	1
2-Picoline	<0.121	U H	0.564	0.121	ug/L		11/20/24 07:01	11/22/24 05:39	1
2-Toluidine	<0.302	U H *- *1	0.564	0.302	ug/L		11/20/24 07:01	11/22/24 05:39	1
3,3'-Dichlorobenzidine	<0.181	U H	0.564	0.181	ug/L		11/20/24 07:01	11/22/24 05:39	1
3,3'-Dimethylbenzidine	<0.140	U H	0.564	0.140	ug/L		11/20/24 07:01	11/22/24 05:39	1
3-Methylcholanthrene	<0.103	U H	0.564	0.103	ug/L		11/20/24 07:01	11/22/24 05:39	1
4-Nitroquinoline-1-oxide	<0.721	U H	1.13	0.721	ug/L		11/20/24 07:01	11/22/24 05:39	1
7,12-Dimethylbenz(a)anthracene	<0.238	U H *+	0.564	0.238	ug/L		11/20/24 07:01	11/22/24 05:39	1
alpha,alpha-Dimethyl phenethylamine	<3.62	U H *-	5.64	3.62	ug/L		11/20/24 07:01	11/22/24 05:39	1
Aramite Peak 1	<0.0775	U H *+	0.564	0.0775	ug/L		11/20/24 07:01	11/22/24 05:39	1
Aramite Peak 2	<0.0941	U H *+	0.564	0.0941	ug/L		11/20/24 07:01	11/22/24 05:39	1
Aramite, Total	<0.0941	U H	0.564	0.0941	ug/L		11/20/24 07:01	11/22/24 05:39	1
Diallate	<0.0824	U H	0.564	0.0824	ug/L		11/20/24 07:01	11/22/24 05:39	1
Diallate Peak 1	<0.0824	U H *+	0.564	0.0824	ug/L		11/20/24 07:01	11/22/24 05:39	1
Diallate Peak 2	<0.0380	U H	0.564	0.0380	ug/L		11/20/24 07:01	11/22/24 05:39	1
Dimethoate	<0.120	U H *+	0.564	0.120	ug/L		11/20/24 07:01	11/22/24 05:39	1
Dinoseb	<0.562	U H *+	2.82	0.562	ug/L		11/20/24 07:01	11/22/24 05:39	1
Disulfoton	<0.200	U H *+	0.564	0.200	ug/L		11/20/24 07:01	11/22/24 05:39	1
Ethyl methanesulfonate	<0.224	U H	0.564	0.224	ug/L		11/20/24 07:01	11/22/24 05:39	1
Ethyl Parathion	<0.0496	U H *+	0.226	0.0496	ug/L		11/20/24 07:01	11/22/24 05:39	1
Famphur	<0.149	U H *+	1.13	0.149	ug/L		11/20/24 07:01	11/22/24 05:39	1
Hexachloropropene	<0.296	U H *-	0.564	0.296	ug/L		11/20/24 07:01	11/22/24 05:39	1
Isosafrole	<0.238	U H	0.564	0.238	ug/L		11/20/24 07:01	11/22/24 05:39	1
Isosafrole Peak 1	<0.0458	U H	0.564	0.0458	ug/L		11/20/24 07:01	11/22/24 05:39	1
Isosafrole Peak 2	<0.238	U H	0.564	0.238	ug/L		11/20/24 07:01	11/22/24 05:39	1
Methapyrilene	<0.987	U H *+	2.26	0.987	ug/L		11/20/24 07:01	11/22/24 05:39	1
Methyl methanesulfonate	<0.118	U H	0.564	0.118	ug/L		11/20/24 07:01	11/22/24 05:39	1
Methyl parathion	<0.315	U H *+	0.564	0.315	ug/L		11/20/24 07:01	11/22/24 05:39	1
N-Nitrosodiethylamine	<0.532	U H	1.13	0.532	ug/L		11/20/24 07:01	11/22/24 05:39	1
N-Nitrosodimethylamine	<0.0987	U H *-	0.564	0.0987	ug/L		11/20/24 07:01	11/22/24 05:39	1
N-Nitrosodi-n-butylamine	<0.509	U H *+	1.13	0.509	ug/L		11/20/24 07:01	11/22/24 05:39	1
N-Nitrosomethylethylamine	<0.290	U H	0.564	0.290	ug/L		11/20/24 07:01	11/22/24 05:39	1
N-Nitrosomorpholine	<0.217	U H	0.564	0.217	ug/L		11/20/24 07:01	11/22/24 05:39	1
N-Nitrosopyrrolidine	<0.264	U H	0.564	0.264	ug/L		11/20/24 07:01	11/22/24 05:39	1
o,o',o''-Triethylphosphorothioate	<0.137	U H *+	0.564	0.137	ug/L		11/20/24 07:01	11/22/24 05:39	1
p-Dimethylamino azobenzene	<0.0235	U H *+	0.564	0.0235	ug/L		11/20/24 07:01	11/22/24 05:39	1
Pentachloronitrobenzene	<0.0987	U H *+	0.564	0.0987	ug/L		11/20/24 07:01	11/22/24 05:39	1
Phenacetin	<0.0987	U *+ H	0.564	0.0987	ug/L		11/20/24 07:01	11/22/24 05:39	1
Phorate	<0.219	U H *+	0.564	0.219	ug/L		11/20/24 07:01	11/22/24 05:39	1
p-Phenylene diamine	<0.494	U H *-	1.13	0.494	ug/L		11/20/24 07:01	11/22/24 05:39	1

Client Sample ID: MW-68

Date Collected: 11/05/24 14:29
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-8
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pronamide	<0.0987	U *+ H	0.564	0.0987	ug/L		11/20/24 07:01	11/22/24 05:39	1
Safrole, Total	<0.0564	U H	0.564	0.0564	ug/L		11/20/24 07:01	11/22/24 05:39	1
Sulfotepp	<0.145	U H *+	0.564	0.145	ug/L		11/20/24 07:01	11/22/24 05:39	1
Thionazin	<0.205	U H *+	1.13	0.205	ug/L		11/20/24 07:01	11/22/24 05:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*141*	*S1+*	*35 - 130*	*11/20/24 07:01*	*11/22/24 05:39*	*1*
2-Fluorobiphenyl	*85*		*43 - 130*	*11/20/24 07:01*	*11/22/24 05:39*	*1*
2-Fluorophenol (Surr)	*68*		*19 - 120*	*11/20/24 07:01*	*11/22/24 05:39*	*1*
Nitrobenzene-d5 (Surr)	*97*		*37 - 133*	*11/20/24 07:01*	*11/22/24 05:39*	*1*
Phenol-d5 (Surr)	*69*		*8 - 124*	*11/20/24 07:01*	*11/22/24 05:39*	*1*
p-Terphenyl-d14	*76*		*47 - 130*	*11/20/24 07:01*	*11/22/24 05:39*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**80.6**	**H**	11.3	1.19	ug/L		11/20/24 07:01	11/25/24 20:17	20
Pyridine	<28.4	U H	56.4	28.4	ug/L		11/20/24 07:01	11/25/24 20:17	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*153*	*S1+*	*35 - 130*	*11/20/24 07:01*	*11/25/24 20:17*	*20*
2-Fluorobiphenyl	*88*		*43 - 130*	*11/20/24 07:01*	*11/25/24 20:17*	*20*
2-Fluorophenol (Surr)	*83*		*19 - 120*	*11/20/24 07:01*	*11/25/24 20:17*	*20*
Nitrobenzene-d5 (Surr)	*123*		*37 - 133*	*11/20/24 07:01*	*11/25/24 20:17*	*20*
Phenol-d5 (Surr)	*60*	*I*	*8 - 124*	*11/20/24 07:01*	*11/25/24 20:17*	*20*
p-Terphenyl-d14	*112*		*47 - 130*	*11/20/24 07:01*	*11/25/24 20:17*	*20*

Client Sample ID: MW-64

Date Collected: 11/05/24 14:51
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<3.22	U	5.00	3.22	ug/L			11/10/24 09:56	5
1,1,1-Trichloroethane	<2.93	U	25.0	2.93	ug/L			11/10/24 09:56	5
1,1,2,2-Tetrachloroethane	<2.35	U	5.00	2.35	ug/L			11/10/24 09:56	5
1,1,2-Trichloro-1,2,2-trifluoroethane	<5.55	U	50.0	5.55	ug/L			11/10/24 09:56	5
1,1,2-Trichloroethane	<2.06	U	5.00	2.06	ug/L			11/10/24 09:56	5
1,1-Dichloroethane	<3.18	U	5.00	3.18	ug/L			11/10/24 09:56	5
1,1-Dichloroethene	<3.69	U	5.00	3.69	ug/L			11/10/24 09:56	5
1,2,3-Trichloropropane	<2.35	U	5.00	2.35	ug/L			11/10/24 09:56	5
1,2,4-Trimethylbenzene	**6.24**		5.00	2.09	ug/L			11/10/24 09:56	5
1,2-Dibromo-3-Chloropropane	<3.36	U	25.0	3.36	ug/L			11/10/24 09:56	5
1,2-Dibromoethane	<5.00	U	25.0	5.00	ug/L			11/10/24 09:56	5
1,2-Dichloroethane	<1.86	U	5.00	1.86	ug/L			11/10/24 09:56	5
1,2-Dichloropropane	<2.78	U	25.0	2.78	ug/L			11/10/24 09:56	5
1,3,5-Trimethylbenzene	**7.16**		5.00	2.06	ug/L			11/10/24 09:56	5
1,3-Butadiene	<2.84	U	5.00	2.84	ug/L			11/10/24 09:56	5
2,2,4-Trimethylpentane	<2.50	U	25.0	2.50	ug/L			11/10/24 09:56	5
2-Butanone (MEK)	<41.4	U	250	41.4	ug/L			11/10/24 09:56	5
2-Hexanone (MBK)	<25.0	U	250	25.0	ug/L			11/10/24 09:56	5
2-Propanol	<26.1	U	50.0	26.1	ug/L			11/10/24 09:56	5

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: MW-64
Date Collected: 11/05/24 14:51
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Chloropropene (Allyl Chloride)	<2.99	U	25.0	2.99	ug/L			11/10/24 09:56	5
4-Methyl-2-pentanone	<25.0	U	250	25.0	ug/L			11/10/24 09:56	5
Acetone	<15.3	U	500	15.3	ug/L			11/10/24 09:56	5
Acetonitrile	<73.0	U	500	73.0	ug/L			11/10/24 09:56	5
Acrolein	<55.6	U	250	55.6	ug/L			11/10/24 09:56	5
Acrylonitrile	<71.6	U	250	71.6	ug/L			11/10/24 09:56	5
alpha-Chlorotoluene	<11.3	U	25.0	11.3	ug/L			11/10/24 09:56	5
Bromodichloromethane	<2.76	U	5.00	2.76	ug/L			11/10/24 09:56	5
Bromoform	<3.17	U	25.0	3.17	ug/L			11/10/24 09:56	5
Bromomethane	<7.10	U	25.0	7.10	ug/L			11/10/24 09:56	5
Carbon disulfide	<8.25	U	25.0	8.25	ug/L			11/10/24 09:56	5
Carbon tetrachloride	<4.48	U	25.0	4.48	ug/L			11/10/24 09:56	5
Chlorobenzene	<2.28	U	5.00	2.28	ug/L			11/10/24 09:56	5
Chlorodibromomethane	<2.74	U	25.0	2.74	ug/L			11/10/24 09:56	5
Chloroethane	<9.92	U	50.0	9.92	ug/L			11/10/24 09:56	5
Chloroform	<2.32	U	5.00	2.32	ug/L			11/10/24 09:56	5
Chloromethane	<10.2	U	50.0	10.2	ug/L			11/10/24 09:56	5
Chloroprene	<2.99	U	25.0	2.99	ug/L			11/10/24 09:56	5
cis-1,2-Dichloroethene	<2.29	U	5.00	2.29	ug/L			11/10/24 09:56	5
cis-1,3-Dichloropropene	<5.34	U	25.0	5.34	ug/L			11/10/24 09:56	5
Cumene (isopropylbenzene)	**42.6**		5.00	2.96	ug/L			11/10/24 09:56	5
Cyclohexane	**305**		25.0	6.43	ug/L			11/10/24 09:56	5
Dibromomethane	<1.79	U	5.00	1.79	ug/L			11/10/24 09:56	5
Dichlorodifluoromethane	<3.93	U	5.00	3.93	ug/L			11/10/24 09:56	5
Ethyl methacrylate	<5.59	U	25.0	5.59	ug/L			11/10/24 09:56	5
Ethylbenzene	**149**		5.00	1.93	ug/L			11/10/24 09:56	5
Hexane	<2.59	U	25.0	2.59	ug/L			11/10/24 09:56	5
Iodomethane	<25.0	U	100	25.0	ug/L			11/10/24 09:56	5
Isobutanol	<85.5	U	250	85.5	ug/L			11/10/24 09:56	5
Methacrylonitrile	**1000**		50.0	13.6	ug/L			11/10/24 09:56	5
Methyl methacrylate	<11.3	U	50.0	11.3	ug/L			11/10/24 09:56	5
Methyl tert-butyl ether	<6.96	U	25.0	6.96	ug/L			11/10/24 09:56	5
Methylene Chloride	<8.63	U	25.0	8.63	ug/L			11/10/24 09:56	5
Propionitrile	<16.7	U	50.0	16.7	ug/L			11/10/24 09:56	5
Propylbenzene	**64.0**		5.00	2.15	ug/L			11/10/24 09:56	5
Styrene	<3.10	U	5.00	3.10	ug/L			11/10/24 09:56	5
Tetrachloroethene	<3.28	U	5.00	3.28	ug/L			11/10/24 09:56	5
Tetrahydrofuran	<9.17	U	50.0	9.17	ug/L			11/10/24 09:56	5
Toluene	**40.6**		5.00	2.38	ug/L			11/10/24 09:56	5
trans-1,2-Dichloroethene	<1.84	U	5.00	1.84	ug/L			11/10/24 09:56	5
trans-1,3-Dichloropropene	<6.34	U	25.0	6.34	ug/L			11/10/24 09:56	5
trans-1,4-Dichloro-2-butene	<6.75	U	50.0	6.75	ug/L			11/10/24 09:56	5
Trichloroethene	<7.50	U	25.0	7.50	ug/L			11/10/24 09:56	5
Trichlorofluoromethane	<2.80	U	5.00	2.80	ug/L			11/10/24 09:56	5
Vinyl acetate	<10.7	U *1	100	10.7	ug/L			11/10/24 09:56	5
Vinyl chloride	<2.14	U	10.0	2.14	ug/L			11/10/24 09:56	5
Xylenes, Total	**91.7**		50.0	6.20	ug/L			11/10/24 09:56	5
m,p-Xylenes	**0.0835**		0.0500	0.00620	mg/L			11/10/24 09:56	5
o-Xylene	**0.00820**		0.00500	0.00251	mg/L			11/10/24 09:56	5

Client Sample ID: MW-64

Date Collected: 11/05/24 14:51
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-9

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*63 - 144*		*11/10/24 09:56*	*5*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*11/10/24 09:56*	*5*
Dibromofluoromethane (Surr)	*91*		*75 - 131*		*11/10/24 09:56*	*5*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/10/24 09:56*	*5*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1790**		50.0	23.0	ug/L			11/11/24 17:47	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*63 - 144*		*11/11/24 17:47*	*50*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*11/11/24 17:47*	*50*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/11/24 17:47*	*50*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/11/24 17:47*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0764	U	0.570	0.0764	ug/L		11/12/24 06:44	11/17/24 23:28	1
1,2-Dichlorobenzene	<0.0938	U	0.570	0.0938	ug/L		11/12/24 06:44	11/17/24 23:28	1
1,3-Dichlorobenzene	<0.101	U	0.570	0.101	ug/L		11/12/24 06:44	11/17/24 23:28	1
1,4-Dichlorobenzene	<0.0777	U	0.570	0.0777	ug/L		11/12/24 06:44	11/17/24 23:28	1
2,2'-oxybis[1-chloropropane]	<1.42	U *+	2.85	1.42	ug/L		11/12/24 06:44	11/17/24 23:28	1
2,4,5-Trichlorophenol	<0.143	U	0.570	0.143	ug/L		11/12/24 06:44	11/17/24 23:28	1
2,4,6-Trichlorophenol	<0.230	U	0.570	0.230	ug/L		11/12/24 06:44	11/17/24 23:28	1
2,4-Dichlorophenol	<0.140	U	0.570	0.140	ug/L		11/12/24 06:44	11/17/24 23:28	1
2,4-Dimethylphenol	**2.38**	*+	0.570	0.192	ug/L		11/12/24 06:44	11/17/24 23:28	1
1,4-Dioxane	<0.0887	U	0.570	0.0887	ug/L		11/12/24 06:44	11/17/24 23:28	1
2,4-Dinitrophenol	<0.104	U	2.85	0.104	ug/L		11/12/24 06:44	11/17/24 23:28	1
2,4-Dinitrotoluene	<0.204	U	0.570	0.204	ug/L		11/12/24 06:44	11/17/24 23:28	1
2,6-Dinitrotoluene	<0.116	U	0.570	0.116	ug/L		11/12/24 06:44	11/17/24 23:28	1
2-Chloronaphthalene	<0.377	U	0.570	0.377	ug/L		11/12/24 06:44	11/17/24 23:28	1
2-Methylphenol	<0.104	U	0.570	0.104	ug/L		11/12/24 06:44	11/17/24 23:28	1
2-Nitroaniline	<0.149	U	0.570	0.149	ug/L		11/12/24 06:44	11/17/24 23:28	1
2-Nitrophenol	<0.136	U	0.570	0.136	ug/L		11/12/24 06:44	11/17/24 23:28	1
3 & 4 Methylphenol	<0.138	U	0.570	0.138	ug/L		11/12/24 06:44	11/17/24 23:28	1
3-Nitroaniline	<0.0850	U	0.570	0.0850	ug/L		11/12/24 06:44	11/17/24 23:28	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/12/24 06:44	11/17/24 23:28	1
4-Bromophenyl phenyl ether	<0.100	U	0.570	0.100	ug/L		11/12/24 06:44	11/17/24 23:28	1
4-Chloro-3-methylphenol	<0.103	U	0.570	0.103	ug/L		11/12/24 06:44	11/17/24 23:28	1
4-Chloroaniline	<0.0384	U	0.570	0.0384	ug/L		11/12/24 06:44	11/17/24 23:28	1
4-Chlorophenyl phenyl ether	<0.130	U	0.570	0.130	ug/L		11/12/24 06:44	11/17/24 23:28	1
4-Nitroaniline	<0.108	U	0.570	0.108	ug/L		11/12/24 06:44	11/17/24 23:28	1
Acenaphthene	<0.107	U	0.570	0.107	ug/L		11/12/24 06:44	11/17/24 23:28	1
Acenaphthylene	<0.0994	U	0.570	0.0994	ug/L		11/12/24 06:44	11/17/24 23:28	1
Aniline	<0.0578	U	0.570	0.0578	ug/L		11/12/24 06:44	11/17/24 23:28	1
Anthracene	<0.0935	U	0.570	0.0935	ug/L		11/12/24 06:44	11/17/24 23:28	1
Benzo[a]anthracene	<0.0285	U	0.0285	0.0285	ug/L		11/12/24 06:44	11/17/24 23:28	1
Benzo[a]pyrene	<0.0299	U	0.0570	0.0299	ug/L		11/12/24 06:44	11/17/24 23:28	1
Benzo[b]fluoranthene	<0.0662	U	0.570	0.0662	ug/L		11/12/24 06:44	11/17/24 23:28	1
Benzo[g,h,i]perylene	<0.0344	U	0.570	0.0344	ug/L		11/12/24 06:44	11/17/24 23:28	1
Benzo[k]fluoranthene	<0.0471	U	0.570	0.0471	ug/L		11/12/24 06:44	11/17/24 23:28	1

Client Sample ID: MW-64
Date Collected: 11/05/24 14:51
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-9
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl alcohol	<0.598	U *-	1.14	0.598	ug/L		11/12/24 06:44	11/17/24 23:28	1
Bis(2-chloroethoxy)methane	<0.0972	U	0.570	0.0972	ug/L		11/12/24 06:44	11/17/24 23:28	1
Bis(2-chloroethyl)ether	<0.214	U	0.570	0.214	ug/L		11/12/24 06:44	11/17/24 23:28	1
Bis(2-ethylhexyl) phthalate	<0.897	U	1.14	0.897	ug/L		11/12/24 06:44	11/17/24 23:28	1
Butyl benzyl phthalate	<0.499	U	1.14	0.499	ug/L		11/12/24 06:44	11/17/24 23:28	1
Chrysene	<0.0813	U	0.570	0.0813	ug/L		11/12/24 06:44	11/17/24 23:28	1
Dibenz(a,h)anthracene	<0.0507	U	0.114	0.0507	ug/L		11/12/24 06:44	11/17/24 23:28	1
Dibenzofuran	<0.106	U	0.570	0.106	ug/L		11/12/24 06:44	11/17/24 23:28	1
Diethyl phthalate	<0.154	U	1.14	0.154	ug/L		11/12/24 06:44	11/17/24 23:28	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/12/24 06:44	11/17/24 23:28	1
Di-n-butyl phthalate	<0.763	U	1.14	0.763	ug/L		11/12/24 06:44	11/17/24 23:28	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/12/24 06:44	11/17/24 23:28	1
Fluoranthene	<0.0881	U	0.570	0.0881	ug/L		11/12/24 06:44	11/17/24 23:28	1
Fluorene	<0.0945	U	0.570	0.0945	ug/L		11/12/24 06:44	11/17/24 23:28	1
Hexachlorobenzene	<0.0972	U	0.570	0.0972	ug/L		11/12/24 06:44	11/17/24 23:28	1
Hexachlorobutadiene	<0.102	U	0.570	0.102	ug/L		11/12/24 06:44	11/17/24 23:28	1
Hexachlorocyclopentadiene	<0.0511	U	0.570	0.0511	ug/L		11/12/24 06:44	11/17/24 23:28	1
Hexachloroethane	<0.102	U	0.570	0.102	ug/L		11/12/24 06:44	11/17/24 23:28	1
Indeno[1,2,3-cd]pyrene	<0.0997	U	0.570	0.0997	ug/L		11/12/24 06:44	11/17/24 23:28	1
Isophorone	<0.106	U	0.570	0.106	ug/L		11/12/24 06:44	11/17/24 23:28	1
Nitrobenzene	<0.0734	U	0.570	0.0734	ug/L		11/12/24 06:44	11/17/24 23:28	1
N-Nitrosodi-n-propylamine	<0.118	U	0.570	0.118	ug/L		11/12/24 06:44	11/17/24 23:28	1
N-Nitrosodiphenylamine	<0.144	U	0.570	0.144	ug/L		11/12/24 06:44	11/17/24 23:28	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/12/24 06:44	11/17/24 23:28	1
Phenanthrene	<0.134	U	0.570	0.134	ug/L		11/12/24 06:44	11/17/24 23:28	1
Phenol	**2.72**	**J B**	2.85	0.447	ug/L		11/12/24 06:44	11/17/24 23:28	1
Pyrene	<0.0846	U	0.570	0.0846	ug/L		11/12/24 06:44	11/17/24 23:28	1
Pyridine	<1.43	U	2.85	1.43	ug/L		11/12/24 06:44	11/17/24 23:28	1
N-Nitro-o-toluidine	<0.519	U	1.14	0.519	ug/L		11/12/24 06:44	11/17/24 23:28	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.570	0.210	ug/L		11/12/24 06:44	11/17/24 23:28	1
Acetophenone	**14.0**	**I**	1.14	0.622	ug/L		11/12/24 06:44	11/17/24 23:28	1
N-Nitrosopiperidine	<0.466	U	1.14	0.466	ug/L		11/12/24 06:44	11/17/24 23:28	1
Pentachlorobenzene	<0.265	U	0.570	0.265	ug/L		11/12/24 06:44	11/17/24 23:28	1
Diphenyl ether	**1.06**	**I**	0.570	0.0907	ug/L		11/12/24 06:44	11/17/24 23:28	1
1,1'-Biphenyl	<0.0979	U	0.570	0.0979	ug/L		11/12/24 06:44	11/17/24 23:28	1
4-Aminobiphenyl	<0.393	U	0.570	0.393	ug/L		11/12/24 06:44	11/17/24 23:28	1
1,2,4,5-Tetrachlorobenzene	<0.0955	U	0.570	0.0955	ug/L		11/12/24 06:44	11/17/24 23:28	1
1,3,5-Trinitrobenzene	<0.118	U	0.570	0.118	ug/L		11/12/24 06:44	11/17/24 23:28	1
1,3-Dinitrobenzene	<0.0771	U	0.570	0.0771	ug/L		11/12/24 06:44	11/17/24 23:28	1
1,4-Naphthoquinone	<0.313	U	0.570	0.313	ug/L		11/12/24 06:44	11/17/24 23:28	1
1-Naphthylamine	**4.85**	**I**	0.570	0.148	ug/L		11/12/24 06:44	11/17/24 23:28	1
2,6-Dichlorophenol	<0.118	U	0.570	0.118	ug/L		11/12/24 06:44	11/17/24 23:28	1
2-Acetylaminofluorene	<1.26	U *+	2.85	1.26	ug/L		11/12/24 06:44	11/17/24 23:28	1
2-Chlorophenol	<0.0754	U	0.570	0.0754	ug/L		11/12/24 06:44	11/17/24 23:28	1
2-Naphthylamine	<0.287	U	0.570	0.287	ug/L		11/12/24 06:44	11/17/24 23:28	1
2-Picoline	<0.122	U	0.570	0.122	ug/L		11/12/24 06:44	11/17/24 23:28	1
3,3'-Dichlorobenzidine	<0.183	U	0.570	0.183	ug/L		11/12/24 06:44	11/17/24 23:28	1
3,3'-Dimethylbenzidine	<0.141	U	0.570	0.141	ug/L		11/12/24 06:44	11/17/24 23:28	1
3-Methylcholanthrene	<0.104	U	0.570	0.104	ug/L		11/12/24 06:44	11/17/24 23:28	1

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Lab Sample ID: 860-86517-9
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroquinoline-1-oxide	<0.728	U	1.14	0.728	ug/L		11/12/24 06:44	11/17/24 23:28	1
7,12-Dimethylbenz(a)anthracene	<0.240	U	0.570	0.240	ug/L		11/12/24 06:44	11/17/24 23:28	1
alpha,alpha-Dimethyl phenethylamine	<3.66	U *- *1	5.70	3.66	ug/L		11/12/24 06:44	11/17/24 23:28	1
Aramite Peak 1	<0.0783	U *+	0.570	0.0783	ug/L		11/12/24 06:44	11/17/24 23:28	1
Aramite Peak 2	<0.0951	U	0.570	0.0951	ug/L		11/12/24 06:44	11/17/24 23:28	1
Aramite, Total	<0.0951	U	0.570	0.0951	ug/L		11/12/24 06:44	11/17/24 23:28	1
Diallate	<0.0832	U	0.570	0.0832	ug/L		11/12/24 06:44	11/17/24 23:28	1
Diallate Peak 1	<0.0832	U	0.570	0.0832	ug/L		11/12/24 06:44	11/17/24 23:28	1
Diallate Peak 2	<0.0384	U	0.570	0.0384	ug/L		11/12/24 06:44	11/17/24 23:28	1
Dimethoate	<0.121	U *+	0.570	0.121	ug/L		11/12/24 06:44	11/17/24 23:28	1
Dinoseb	<0.568	U *+	2.85	0.568	ug/L		11/12/24 06:44	11/17/24 23:28	1
Disulfoton	<0.202	U *+	0.570	0.202	ug/L		11/12/24 06:44	11/17/24 23:28	1
Ethyl methanesulfonate	<0.226	U	0.570	0.226	ug/L		11/12/24 06:44	11/17/24 23:28	1
Ethyl Parathion	<0.0501	U *+	0.228	0.0501	ug/L		11/12/24 06:44	11/17/24 23:28	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/12/24 06:44	11/17/24 23:28	1
Hexachloropropene	<0.299	U *-	0.570	0.299	ug/L		11/12/24 06:44	11/17/24 23:28	1
Isosafrole	<0.240	U	0.570	0.240	ug/L		11/12/24 06:44	11/17/24 23:28	1
Isosafrole Peak 1	<0.0462	U	0.570	0.0462	ug/L		11/12/24 06:44	11/17/24 23:28	1
Isosafrole Peak 2	<0.240	U	0.570	0.240	ug/L		11/12/24 06:44	11/17/24 23:28	1
Methapyrilene	<0.997	U *+	2.28	0.997	ug/L		11/12/24 06:44	11/17/24 23:28	1
Methyl methanesulfonate	<0.120	U	0.570	0.120	ug/L		11/12/24 06:44	11/17/24 23:28	1
Methyl parathion	<0.318	U *+	0.570	0.318	ug/L		11/12/24 06:44	11/17/24 23:28	1
N-Nitrosodiethylamine	<0.537	U	1.14	0.537	ug/L		11/12/24 06:44	11/17/24 23:28	1
N-Nitrosodimethylamine	<0.0997	U *-	0.570	0.0997	ug/L		11/12/24 06:44	11/17/24 23:28	1
N-Nitrosodi-n-butylamine	<0.514	U	1.14	0.514	ug/L		11/12/24 06:44	11/17/24 23:28	1
N-Nitrosomethylethylamine	<0.293	U	0.570	0.293	ug/L		11/12/24 06:44	11/17/24 23:28	1
N-Nitrosomorpholine	<0.220	U	0.570	0.220	ug/L		11/12/24 06:44	11/17/24 23:28	1
N-Nitrosopyrrolidine	<0.267	U *- *1	0.570	0.267	ug/L		11/12/24 06:44	11/17/24 23:28	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.570	0.138	ug/L		11/12/24 06:44	11/17/24 23:28	1
p-Dimethylamino azobenzene	<0.0237	U *+	0.570	0.0237	ug/L		11/12/24 06:44	11/17/24 23:28	1
Pentachloronitrobenzene	<0.0997	U	0.570	0.0997	ug/L		11/12/24 06:44	11/17/24 23:28	1
Phenacetin	<0.0997	U	0.570	0.0997	ug/L		11/12/24 06:44	11/17/24 23:28	1
Phorate	<0.221	U *+	0.570	0.221	ug/L		11/12/24 06:44	11/17/24 23:28	1
p-Phenylene diamine	<0.499	U *- *1	1.14	0.499	ug/L		11/12/24 06:44	11/17/24 23:28	1
Pronamide	<0.0997	U *+	0.570	0.0997	ug/L		11/12/24 06:44	11/17/24 23:28	1
Safrole, Total	<0.0569	U	0.570	0.0569	ug/L		11/12/24 06:44	11/17/24 23:28	1
Sulfotepp	<0.146	U *+	0.570	0.146	ug/L		11/12/24 06:44	11/17/24 23:28	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/12/24 06:44	11/17/24 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*108*		*35 - 130*	*11/12/24 06:44*	*11/17/24 23:28*	*1*
2-Fluorobiphenyl	*63*		*43 - 130*	*11/12/24 06:44*	*11/17/24 23:28*	*1*
2-Fluorophenol (Surr)	*55*		*19 - 120*	*11/12/24 06:44*	*11/17/24 23:28*	*1*
Nitrobenzene-d5 (Surr)	*87*		*37 - 133*	*11/12/24 06:44*	*11/17/24 23:28*	*1*
Phenol-d5 (Surr)	*45*		*8 - 124*	*11/12/24 06:44*	*11/17/24 23:28*	*1*
p-Terphenyl-d14	*77*		*47 - 130*	*11/12/24 06:44*	*11/17/24 23:28*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**66.9**		11.4	1.20	ug/L		11/12/24 06:44	11/27/24 00:32	20

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Lab Sample ID: 860-86517-9

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**449**		11.4	1.88	ug/L		11/12/24 06:44	11/27/24 00:32	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*108*		*35 - 130*	*11/12/24 06:44*	*11/27/24 00:32*	*20*
2-Fluorobiphenyl	*105*		*43 - 130*	*11/12/24 06:44*	*11/27/24 00:32*	*20*
2-Fluorophenol (Surr)	*76*		*19 - 120*	*11/12/24 06:44*	*11/27/24 00:32*	*20*
Nitrobenzene-d5 (Surr)	*121*		*37 - 133*	*11/12/24 06:44*	*11/27/24 00:32*	*20*
Phenol-d5 (Surr)	*78*	*I*	*8 - 124*	*11/12/24 06:44*	*11/27/24 00:32*	*20*
p-Terphenyl-d14	*112*		*47 - 130*	*11/12/24 06:44*	*11/27/24 00:32*	*20*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Toluidine	**0.346**	**J**	0.570	0.305	ug/L		11/12/24 06:44	11/24/24 06:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*113*		*35 - 130*	*11/12/24 06:44*	*11/24/24 06:01*	*1*
2-Fluorobiphenyl	*70*		*43 - 130*	*11/12/24 06:44*	*11/24/24 06:01*	*1*
2-Fluorophenol (Surr)	*60*		*19 - 120*	*11/12/24 06:44*	*11/24/24 06:01*	*1*
Nitrobenzene-d5 (Surr)	*110*		*37 - 133*	*11/12/24 06:44*	*11/24/24 06:01*	*1*
Phenol-d5 (Surr)	*46*		*8 - 124*	*11/12/24 06:44*	*11/24/24 06:01*	*1*
p-Terphenyl-d14	*84*		*47 - 130*	*11/12/24 06:44*	*11/24/24 06:01*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0764	U H	0.570	0.0764	ug/L		11/20/24 07:01	11/22/24 06:10	1
1,2-Dichlorobenzene	<0.0938	U H	0.570	0.0938	ug/L		11/20/24 07:01	11/22/24 06:10	1
1,3-Dichlorobenzene	<0.101	U H	0.570	0.101	ug/L		11/20/24 07:01	11/22/24 06:10	1
1,4-Dichlorobenzene	<0.0777	U H	0.570	0.0777	ug/L		11/20/24 07:01	11/22/24 06:10	1
2,2'-oxybis[1-chloropropane]	<1.42	U H	2.85	1.42	ug/L		11/20/24 07:01	11/22/24 06:10	1
2,4,5-Trichlorophenol	<0.143	U H *+	0.570	0.143	ug/L		11/20/24 07:01	11/22/24 06:10	1
2,4,6-Trichlorophenol	<0.230	U H *+	0.570	0.230	ug/L		11/20/24 07:01	11/22/24 06:10	1
2,4-Dichlorophenol	<0.140	U H	0.570	0.140	ug/L		11/20/24 07:01	11/22/24 06:10	1
2,4-Dimethylphenol	**2.66**	**H *+**	0.570	0.192	ug/L		11/20/24 07:01	11/22/24 06:10	1
1,4-Dioxane	<0.0887	U H	0.570	0.0887	ug/L		11/20/24 07:01	11/22/24 06:10	1
2,4-Dinitrophenol	**0.598**	**J H**	2.85	0.104	ug/L		11/20/24 07:01	11/22/24 06:10	1
2,4-Dinitrotoluene	<0.204	U H *+	0.570	0.204	ug/L		11/20/24 07:01	11/22/24 06:10	1
2,6-Dinitrotoluene	<0.116	U H	0.570	0.116	ug/L		11/20/24 07:01	11/22/24 06:10	1
2-Chloronaphthalene	<0.377	U H	0.570	0.377	ug/L		11/20/24 07:01	11/22/24 06:10	1
2-Methylphenol	<0.104	U H	0.570	0.104	ug/L		11/20/24 07:01	11/22/24 06:10	1
2-Nitroaniline	<0.149	U H *+	0.570	0.149	ug/L		11/20/24 07:01	11/22/24 06:10	1
2-Nitrophenol	<0.136	U H	0.570	0.136	ug/L		11/20/24 07:01	11/22/24 06:10	1
3 & 4 Methylphenol	<0.138	U H	0.570	0.138	ug/L		11/20/24 07:01	11/22/24 06:10	1
3-Nitroaniline	<0.0850	U H	0.570	0.0850	ug/L		11/20/24 07:01	11/22/24 06:10	1
4,6-Dinitro-2-methylphenol	<0.201	U H	1.14	0.201	ug/L		11/20/24 07:01	11/22/24 06:10	1
4-Bromophenyl phenyl ether	<0.100	U H *+	0.570	0.100	ug/L		11/20/24 07:01	11/22/24 06:10	1
4-Chloro-3-methylphenol	<0.103	U H	0.570	0.103	ug/L		11/20/24 07:01	11/22/24 06:10	1
4-Chloroaniline	<0.0384	U H	0.570	0.0384	ug/L		11/20/24 07:01	11/22/24 06:10	1
4-Chlorophenyl phenyl ether	<0.130	U H	0.570	0.130	ug/L		11/20/24 07:01	11/22/24 06:10	1
4-Nitroaniline	<0.108	U H	0.570	0.108	ug/L		11/20/24 07:01	11/22/24 06:10	1
Acenaphthene	<0.107	U H	0.570	0.107	ug/L		11/20/24 07:01	11/22/24 06:10	1

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Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	<0.0994	U H	0.570	0.0994	ug/L		11/20/24 07:01	11/22/24 06:10	1
Aniline	<0.0578	U H	0.570	0.0578	ug/L		11/20/24 07:01	11/22/24 06:10	1
Anthracene	<0.0935	U H	0.570	0.0935	ug/L		11/20/24 07:01	11/22/24 06:10	1
Benzo[a]anthracene	<0.0285	U H *+	0.0285	0.0285	ug/L		11/20/24 07:01	11/22/24 06:10	1
Benzo[a]pyrene	<0.0299	U H	0.0570	0.0299	ug/L		11/20/24 07:01	11/22/24 06:10	1
Benzo[b]fluoranthene	<0.0662	U H *+	0.570	0.0662	ug/L		11/20/24 07:01	11/22/24 06:10	1
Benzo[g,h,i]perylene	<0.0344	U H	0.570	0.0344	ug/L		11/20/24 07:01	11/22/24 06:10	1
Benzo[k]fluoranthene	<0.0471	U H *+	0.570	0.0471	ug/L		11/20/24 07:01	11/22/24 06:10	1
Bis(2-chloroethoxy)methane	<0.0972	U H	0.570	0.0972	ug/L		11/20/24 07:01	11/22/24 06:10	1
Bis(2-chloroethyl)ether	<0.214	U H *+	0.570	0.214	ug/L		11/20/24 07:01	11/22/24 06:10	1
Bis(2-ethylhexyl) phthalate	<0.897	U H *+	1.14	0.897	ug/L		11/20/24 07:01	11/22/24 06:10	1
Butyl benzyl phthalate	<0.499	U H	1.14	0.499	ug/L		11/20/24 07:01	11/22/24 06:10	1
Chrysene	<0.0813	U H *+	0.570	0.0813	ug/L		11/20/24 07:01	11/22/24 06:10	1
Dibenz(a,h)anthracene	<0.0507	U H	0.114	0.0507	ug/L		11/20/24 07:01	11/22/24 06:10	1
Dibenzofuran	<0.106	U H *+	0.570	0.106	ug/L		11/20/24 07:01	11/22/24 06:10	1
Diethyl phthalate	<0.154	U H *+	1.14	0.154	ug/L		11/20/24 07:01	11/22/24 06:10	1
Dimethyl phthalate	<0.108	U H	1.14	0.108	ug/L		11/20/24 07:01	11/22/24 06:10	1
Di-n-butyl phthalate	<0.763	U H *+	1.14	0.763	ug/L		11/20/24 07:01	11/22/24 06:10	1
Di-n-octyl phthalate	<0.268	U H *+ *1	1.14	0.268	ug/L		11/20/24 07:01	11/22/24 06:10	1
Fluoranthene	<0.0881	U H *+	0.570	0.0881	ug/L		11/20/24 07:01	11/22/24 06:10	1
Fluorene	<0.0945	U H	0.570	0.0945	ug/L		11/20/24 07:01	11/22/24 06:10	1
Hexachlorobenzene	<0.0972	U H	0.570	0.0972	ug/L		11/20/24 07:01	11/22/24 06:10	1
Hexachlorobutadiene	<0.102	U H	0.570	0.102	ug/L		11/20/24 07:01	11/22/24 06:10	1
Hexachlorocyclopentadiene	<0.0511	U H	0.570	0.0511	ug/L		11/20/24 07:01	11/22/24 06:10	1
Hexachloroethane	<0.102	U H	0.570	0.102	ug/L		11/20/24 07:01	11/22/24 06:10	1
Indeno[1,2,3-cd]pyrene	<0.0997	U H	0.570	0.0997	ug/L		11/20/24 07:01	11/22/24 06:10	1
Isophorone	<0.106	U H	0.570	0.106	ug/L		11/20/24 07:01	11/22/24 06:10	1
Nitrobenzene	<0.0734	U H	0.570	0.0734	ug/L		11/20/24 07:01	11/22/24 06:10	1
N-Nitrosodi-n-propylamine	<0.118	U H	0.570	0.118	ug/L		11/20/24 07:01	11/22/24 06:10	1
N-Nitrosodiphenylamine	<0.144	U H *+	0.570	0.144	ug/L		11/20/24 07:01	11/22/24 06:10	1
Pentachlorophenol	<1.04	U H	1.14	1.04	ug/L		11/20/24 07:01	11/22/24 06:10	1
Phenanthrene	<0.134	U H	0.570	0.134	ug/L		11/20/24 07:01	11/22/24 06:10	1
Phenol	**6.40**	**H *1**	2.85	0.447	ug/L		11/20/24 07:01	11/22/24 06:10	1
Pyrene	<0.0846	U H *+	0.570	0.0846	ug/L		11/20/24 07:01	11/22/24 06:10	1
N-Nitro-o-toluidine	<0.519	U H	1.14	0.519	ug/L		11/20/24 07:01	11/22/24 06:10	1
2,3,4,6-Tetrachlorophenol	<0.210	U H *+	0.570	0.210	ug/L		11/20/24 07:01	11/22/24 06:10	1
Acetophenone	**17.8**	**H I *+**	1.14	0.622	ug/L		11/20/24 07:01	11/22/24 06:10	1
N-Nitrosopiperidine	<0.466	U H	1.14	0.466	ug/L		11/20/24 07:01	11/22/24 06:10	1
Pentachlorobenzene	<0.265	U H	0.570	0.265	ug/L		11/20/24 07:01	11/22/24 06:10	1
Diphenyl ether	**1.17**	**H I**	0.570	0.0907	ug/L		11/20/24 07:01	11/22/24 06:10	1
1,1'-Biphenyl	**0.103**	**J H**	0.570	0.0979	ug/L		11/20/24 07:01	11/22/24 06:10	1
4-Aminobiphenyl	<0.393	U H	0.570	0.393	ug/L		11/20/24 07:01	11/22/24 06:10	1
1,2,4,5-Tetrachlorobenzene	<0.0955	U H	0.570	0.0955	ug/L		11/20/24 07:01	11/22/24 06:10	1
1,3,5-Trinitrobenzene	<0.118	U H	0.570	0.118	ug/L		11/20/24 07:01	11/22/24 06:10	1
1,3-Dinitrobenzene	<0.0771	U H	0.570	0.0771	ug/L		11/20/24 07:01	11/22/24 06:10	1
1,4-Naphthoquinone	<0.313	U H	0.570	0.313	ug/L		11/20/24 07:01	11/22/24 06:10	1
1-Naphthylamine	<0.148	U H	0.570	0.148	ug/L		11/20/24 07:01	11/22/24 06:10	1
2,6-Dichlorophenol	<0.118	U H	0.570	0.118	ug/L		11/20/24 07:01	11/22/24 06:10	1
2-Acetylaminofluorene	<1.26	U *+ H	2.85	1.26	ug/L		11/20/24 07:01	11/22/24 06:10	1

Client Sample ID: MW-64
Lab Sample ID: 860-86517-9
Date Collected: 11/05/24 14:51
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	<0.0754	U H	0.570	0.0754	ug/L		11/20/24 07:01	11/22/24 06:10	1
2-Naphthylamine	<0.287	U H	0.570	0.287	ug/L		11/20/24 07:01	11/22/24 06:10	1
2-Picoline	<0.122	U H	0.570	0.122	ug/L		11/20/24 07:01	11/22/24 06:10	1
2-Toluidine	<0.305	U H *- *1	0.570	0.305	ug/L		11/20/24 07:01	11/22/24 06:10	1
3,3'-Dichlorobenzidine	<0.183	U H	0.570	0.183	ug/L		11/20/24 07:01	11/22/24 06:10	1
3,3'-Dimethylbenzidine	<0.141	U H	0.570	0.141	ug/L		11/20/24 07:01	11/22/24 06:10	1
3-Methylcholanthrene	<0.104	U H	0.570	0.104	ug/L		11/20/24 07:01	11/22/24 06:10	1
4-Nitroquinoline-1-oxide	<0.728	U H	1.14	0.728	ug/L		11/20/24 07:01	11/22/24 06:10	1
7,12-Dimethylbenz(a)anthracene	<0.240	U H *+	0.570	0.240	ug/L		11/20/24 07:01	11/22/24 06:10	1
alpha,alpha-Dimethyl phenethylamine	<3.66	U H *-	5.70	3.66	ug/L		11/20/24 07:01	11/22/24 06:10	1
Aramite Peak 1	<0.0783	U H *+	0.570	0.0783	ug/L		11/20/24 07:01	11/22/24 06:10	1
Aramite Peak 2	<0.0951	U H *+	0.570	0.0951	ug/L		11/20/24 07:01	11/22/24 06:10	1
Aramite, Total	<0.0951	U H	0.570	0.0951	ug/L		11/20/24 07:01	11/22/24 06:10	1
Diallate	<0.0832	U H	0.570	0.0832	ug/L		11/20/24 07:01	11/22/24 06:10	1
Diallate Peak 1	<0.0832	U H *+	0.570	0.0832	ug/L		11/20/24 07:01	11/22/24 06:10	1
Diallate Peak 2	<0.0384	U H	0.570	0.0384	ug/L		11/20/24 07:01	11/22/24 06:10	1
Dimethoate	<0.121	U H *+	0.570	0.121	ug/L		11/20/24 07:01	11/22/24 06:10	1
Dinoseb	<0.568	U H *+	2.85	0.568	ug/L		11/20/24 07:01	11/22/24 06:10	1
Disulfoton	<0.202	U H *+	0.570	0.202	ug/L		11/20/24 07:01	11/22/24 06:10	1
Ethyl methanesulfonate	<0.226	U H	0.570	0.226	ug/L		11/20/24 07:01	11/22/24 06:10	1
Ethyl Parathion	<0.0501	U H *+	0.228	0.0501	ug/L		11/20/24 07:01	11/22/24 06:10	1
Famphur	<0.150	U H *+	1.14	0.150	ug/L		11/20/24 07:01	11/22/24 06:10	1
Hexachloropropene	<0.299	U H *-	0.570	0.299	ug/L		11/20/24 07:01	11/22/24 06:10	1
Isosafrole	<0.240	U H	0.570	0.240	ug/L		11/20/24 07:01	11/22/24 06:10	1
Isosafrole Peak 1	<0.0462	U H	0.570	0.0462	ug/L		11/20/24 07:01	11/22/24 06:10	1
Isosafrole Peak 2	<0.240	U H	0.570	0.240	ug/L		11/20/24 07:01	11/22/24 06:10	1
Methapyrilene	<0.997	U H *+	2.28	0.997	ug/L		11/20/24 07:01	11/22/24 06:10	1
Methyl methanesulfonate	<0.120	U H	0.570	0.120	ug/L		11/20/24 07:01	11/22/24 06:10	1
Methyl parathion	<0.318	U H *+	0.570	0.318	ug/L		11/20/24 07:01	11/22/24 06:10	1
N-Nitrosodiethylamine	<0.537	U H	1.14	0.537	ug/L		11/20/24 07:01	11/22/24 06:10	1
N-Nitrosodimethylamine	<0.0997	U H *-	0.570	0.0997	ug/L		11/20/24 07:01	11/22/24 06:10	1
N-Nitrosodi-n-butylamine	<0.514	U H *+	1.14	0.514	ug/L		11/20/24 07:01	11/22/24 06:10	1
N-Nitrosomethylethylamine	<0.293	U H	0.570	0.293	ug/L		11/20/24 07:01	11/22/24 06:10	1
N-Nitrosomorpholine	<0.220	U H	0.570	0.220	ug/L		11/20/24 07:01	11/22/24 06:10	1
N-Nitrosopyrrolidine	<0.267	U H	0.570	0.267	ug/L		11/20/24 07:01	11/22/24 06:10	1
o,o',o''-Triethylphosphorothioate	<0.138	U H *+	0.570	0.138	ug/L		11/20/24 07:01	11/22/24 06:10	1
p-Dimethylamino azobenzene	<0.0237	U H *+	0.570	0.0237	ug/L		11/20/24 07:01	11/22/24 06:10	1
Pentachloronitrobenzene	<0.0997	U H *+	0.570	0.0997	ug/L		11/20/24 07:01	11/22/24 06:10	1
Phenacetin	<0.0997	U *+ H	0.570	0.0997	ug/L		11/20/24 07:01	11/22/24 06:10	1
Phorate	<0.221	U H *+	0.570	0.221	ug/L		11/20/24 07:01	11/22/24 06:10	1
p-Phenylene diamine	<0.499	U H *-	1.14	0.499	ug/L		11/20/24 07:01	11/22/24 06:10	1
Pronamide	<0.0997	U *+ H	0.570	0.0997	ug/L		11/20/24 07:01	11/22/24 06:10	1
Safrole, Total	<0.0569	U H	0.570	0.0569	ug/L		11/20/24 07:01	11/22/24 06:10	1
Sulfotepp	<0.146	U H *+	0.570	0.146	ug/L		11/20/24 07:01	11/22/24 06:10	1
Thionazin	<0.208	U H *+	1.14	0.208	ug/L		11/20/24 07:01	11/22/24 06:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*175*	*S1+*	*35 - 130*	*11/20/24 07:01*	*11/22/24 06:10*	*1*
2-Fluorobiphenyl	*95*		*43 - 130*	*11/20/24 07:01*	*11/22/24 06:10*	*1*
2-Fluorophenol (Surr)	*79*		*19 - 120*	*11/20/24 07:01*	*11/22/24 06:10*	*1*

Client Sample ID: MW-64

Date Collected: 11/05/24 14:51
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-9
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*104*		*37 - 133*	*11/20/24 07:01*	*11/22/24 06:10*	*1*
Phenol-d5 (Surr)	*80*		*8 - 124*	*11/20/24 07:01*	*11/22/24 06:10*	*1*
p-Terphenyl-d14	*84*		*47 - 130*	*11/20/24 07:01*	*11/22/24 06:10*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**57.0**	**H**	11.4	1.20	ug/L		11/20/24 07:01	11/25/24 20:46	20
Naphthalene	**377**	**H**	11.4	1.88	ug/L		11/20/24 07:01	11/25/24 20:46	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*133*	*S1+*	*35 - 130*	*11/20/24 07:01*	*11/25/24 20:46*	*20*
2-Fluorobiphenyl	*97*		*43 - 130*	*11/20/24 07:01*	*11/25/24 20:46*	*20*
2-Fluorophenol (Surr)	*85*		*19 - 120*	*11/20/24 07:01*	*11/25/24 20:46*	*20*
Nitrobenzene-d5 (Surr)	*127*		*37 - 133*	*11/20/24 07:01*	*11/25/24 20:46*	*20*
Phenol-d5 (Surr)	*12*	*I*	*8 - 124*	*11/20/24 07:01*	*11/25/24 20:46*	*20*
p-Terphenyl-d14	*114*		*47 - 130*	*11/20/24 07:01*	*11/25/24 20:46*	*20*

Client Sample ID: DUP-03

Date Collected: 11/05/24 00:00
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<6.44	U	10.0	6.44	ug/L			11/11/24 18:07	10
1,1,1-Trichloroethane	<5.85	U	50.0	5.85	ug/L			11/11/24 18:07	10
1,1,2,2-Tetrachloroethane	<4.70	U	10.0	4.70	ug/L			11/11/24 18:07	10
1,1,2-Trichloro-1,2,2-trifluoroethane	<11.1	U	100	11.1	ug/L			11/11/24 18:07	10
1,1,2-Trichloroethane	<4.11	U	10.0	4.11	ug/L			11/11/24 18:07	10
1,1-Dichloroethane	<6.35	U	10.0	6.35	ug/L			11/11/24 18:07	10
1,1-Dichloroethene	<7.38	U	10.0	7.38	ug/L			11/11/24 18:07	10
1,2,3-Trichloropropane	<4.70	U	10.0	4.70	ug/L			11/11/24 18:07	10
1,2,4-Trimethylbenzene	**196**		10.0	4.17	ug/L			11/11/24 18:07	10
1,2-Dibromo-3-Chloropropane	<6.71	U	50.0	6.71	ug/L			11/11/24 18:07	10
1,2-Dibromoethane	<9.99	U	50.0	9.99	ug/L			11/11/24 18:07	10
1,2-Dichloroethane	<3.72	U	10.0	3.72	ug/L			11/11/24 18:07	10
1,2-Dichloropropane	<5.56	U	50.0	5.56	ug/L			11/11/24 18:07	10
1,3,5-Trimethylbenzene	**61.4**		10.0	4.11	ug/L			11/11/24 18:07	10
1,3-Butadiene	<5.68	U	10.0	5.68	ug/L			11/11/24 18:07	10
2,2,4-Trimethylpentane	<5.00	U	50.0	5.00	ug/L			11/11/24 18:07	10
2-Butanone (MEK)	<82.8	U	500	82.8	ug/L			11/11/24 18:07	10
2-Hexanone (MBK)	<50.0	U	500	50.0	ug/L			11/11/24 18:07	10
2-Propanol	<52.3	U	100	52.3	ug/L			11/11/24 18:07	10
3-Chloropropene (Allyl Chloride)	<5.97	U	50.0	5.97	ug/L			11/11/24 18:07	10
4-Methyl-2-pentanone	<50.0	U	500	50.0	ug/L			11/11/24 18:07	10
Acetone	<30.7	U	1000	30.7	ug/L			11/11/24 18:07	10
Acetonitrile	<146	U	1000	146	ug/L			11/11/24 18:07	10
Acrolein	<111	U *-	500	111	ug/L			11/11/24 18:07	10
Acrylonitrile	<143	U	500	143	ug/L			11/11/24 18:07	10
alpha-Chlorotoluene	<22.6	U	50.0	22.6	ug/L			11/11/24 18:07	10
Bromodichloromethane	<5.52	U	10.0	5.52	ug/L			11/11/24 18:07	10

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: DUP-03

Date Collected: 11/05/24 00:00
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-10

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	<6.33	U	50.0	6.33	ug/L			11/11/24 18:07	10
Bromomethane	<14.2	U	50.0	14.2	ug/L			11/11/24 18:07	10
Carbon disulfide	<16.5	U	50.0	16.5	ug/L			11/11/24 18:07	10
Carbon tetrachloride	<8.96	U	50.0	8.96	ug/L			11/11/24 18:07	10
Chlorobenzene	<4.55	U	10.0	4.55	ug/L			11/11/24 18:07	10
Chlorodibromomethane	<5.47	U	50.0	5.47	ug/L			11/11/24 18:07	10
Chloroethane	<19.8	U	100	19.8	ug/L			11/11/24 18:07	10
Chloroform	<4.64	U	10.0	4.64	ug/L			11/11/24 18:07	10
Chloromethane	<20.4	U	100	20.4	ug/L			11/11/24 18:07	10
Chloroprene	<5.98	U	50.0	5.98	ug/L			11/11/24 18:07	10
cis-1,2-Dichloroethene	<4.57	U	10.0	4.57	ug/L			11/11/24 18:07	10
cis-1,3-Dichloropropene	<10.7	U	50.0	10.7	ug/L			11/11/24 18:07	10
Cumene (isopropylbenzene)	**19.6**		10.0	5.92	ug/L			11/11/24 18:07	10
Cyclohexane	**251**		50.0	12.9	ug/L			11/11/24 18:07	10
Dibromomethane	<3.57	U	10.0	3.57	ug/L			11/11/24 18:07	10
Dichlorodifluoromethane	<7.85	U	10.0	7.85	ug/L			11/11/24 18:07	10
Ethyl methacrylate	<11.2	U	50.0	11.2	ug/L			11/11/24 18:07	10
Ethylbenzene	**328**		10.0	3.85	ug/L			11/11/24 18:07	10
Hexane	**46.5**	**J**	50.0	5.17	ug/L			11/11/24 18:07	10
Iodomethane	<50.0	U	200	50.0	ug/L			11/11/24 18:07	10
Isobutanol	<171	U *+	500	171	ug/L			11/11/24 18:07	10
Methacrylonitrile	<27.2	U	100	27.2	ug/L			11/11/24 18:07	10
Methyl methacrylate	<22.5	U *-	100	22.5	ug/L			11/11/24 18:07	10
Methyl tert-butyl ether	<13.9	U	50.0	13.9	ug/L			11/11/24 18:07	10
Methylene Chloride	<17.3	U	50.0	17.3	ug/L			11/11/24 18:07	10
Propionitrile	<33.4	U	100	33.4	ug/L			11/11/24 18:07	10
Propylbenzene	**32.1**		10.0	4.29	ug/L			11/11/24 18:07	10
Styrene	<6.19	U	10.0	6.19	ug/L			11/11/24 18:07	10
Tetrachloroethene	<6.55	U	10.0	6.55	ug/L			11/11/24 18:07	10
Tetrahydrofuran	<18.3	U	100	18.3	ug/L			11/11/24 18:07	10
Toluene	**35.8**		10.0	4.75	ug/L			11/11/24 18:07	10
trans-1,2-Dichloroethene	<3.68	U	10.0	3.68	ug/L			11/11/24 18:07	10
trans-1,3-Dichloropropene	<12.7	U	50.0	12.7	ug/L			11/11/24 18:07	10
trans-1,4-Dichloro-2-butene	<13.5	U	100	13.5	ug/L			11/11/24 18:07	10
Trichloroethene	<15.0	U	50.0	15.0	ug/L			11/11/24 18:07	10
Trichlorofluoromethane	<5.60	U	10.0	5.60	ug/L			11/11/24 18:07	10
Vinyl acetate	<21.4	U	200	21.4	ug/L			11/11/24 18:07	10
Vinyl chloride	<4.28	U	20.0	4.28	ug/L			11/11/24 18:07	10
Xylenes, Total	**479**		100	12.4	ug/L			11/11/24 18:07	10
m,p-Xylenes	**0.461**		0.100	0.0124	mg/L			11/11/24 18:07	10
o-Xylene	**0.0177**		0.0100	0.00502	mg/L			11/11/24 18:07	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*63 - 144*		*11/11/24 18:07*	*10*
4-Bromofluorobenzene (Surr)	*93*		*74 - 124*		*11/11/24 18:07*	*10*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*11/11/24 18:07*	*10*
Toluene-d8 (Surr)	*91*		*80 - 120*		*11/11/24 18:07*	*10*

Client Sample ID: DUP-03

Date Collected: 11/05/24 00:00
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-10

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**2100**		50.0	23.0	ug/L			11/12/24 15:38	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*63 - 144*		*11/12/24 15:38*	*50*
4-Bromofluorobenzene (Surr)	*106*		*74 - 124*		*11/12/24 15:38*	*50*
Dibromofluoromethane (Surr)	*107*		*75 - 131*		*11/12/24 15:38*	*50*
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/12/24 15:38*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0762	U	0.568	0.0762	ug/L		11/12/24 06:44	11/17/24 23:59	1
1,2-Dichlorobenzene	<0.0935	U	0.568	0.0935	ug/L		11/12/24 06:44	11/17/24 23:59	1
1,3-Dichlorobenzene	<0.101	U	0.568	0.101	ug/L		11/12/24 06:44	11/17/24 23:59	1
1,4-Dichlorobenzene	<0.0775	U	0.568	0.0775	ug/L		11/12/24 06:44	11/17/24 23:59	1
2,2'-oxybis[1-chloropropane]	<1.42	U *+	2.84	1.42	ug/L		11/12/24 06:44	11/17/24 23:59	1
2,4,5-Trichlorophenol	<0.142	U	0.568	0.142	ug/L		11/12/24 06:44	11/17/24 23:59	1
2,4,6-Trichlorophenol	<0.229	U	0.568	0.229	ug/L		11/12/24 06:44	11/17/24 23:59	1
2,4-Dichlorophenol	<0.139	U	0.568	0.139	ug/L		11/12/24 06:44	11/17/24 23:59	1
2,4-Dimethylphenol	**1.35**	***+**	0.568	0.191	ug/L		11/12/24 06:44	11/17/24 23:59	1
1,4-Dioxane	<0.0885	U	0.568	0.0885	ug/L		11/12/24 06:44	11/17/24 23:59	1
2,4-Dinitrophenol	<0.104	U	2.84	0.104	ug/L		11/12/24 06:44	11/17/24 23:59	1
2,4-Dinitrotoluene	<0.203	U	0.568	0.203	ug/L		11/12/24 06:44	11/17/24 23:59	1
2,6-Dinitrotoluene	<0.116	U	0.568	0.116	ug/L		11/12/24 06:44	11/17/24 23:59	1
2-Chloronaphthalene	<0.376	U	0.568	0.376	ug/L		11/12/24 06:44	11/17/24 23:59	1
2-Methylphenol	**0.421**	**J**	0.568	0.104	ug/L		11/12/24 06:44	11/17/24 23:59	1
2-Nitroaniline	<0.148	U	0.568	0.148	ug/L		11/12/24 06:44	11/17/24 23:59	1
2-Nitrophenol	<0.135	U	0.568	0.135	ug/L		11/12/24 06:44	11/17/24 23:59	1
3 & 4 Methylphenol	<0.138	U	0.568	0.138	ug/L		11/12/24 06:44	11/17/24 23:59	1
3-Nitroaniline	<0.0848	U	0.568	0.0848	ug/L		11/12/24 06:44	11/17/24 23:59	1
4,6-Dinitro-2-methylphenol	<0.200	U	1.14	0.200	ug/L		11/12/24 06:44	11/17/24 23:59	1
4-Bromophenyl phenyl ether	<0.0997	U	0.568	0.0997	ug/L		11/12/24 06:44	11/17/24 23:59	1
4-Chloro-3-methylphenol	<0.103	U	0.568	0.103	ug/L		11/12/24 06:44	11/17/24 23:59	1
4-Chloroaniline	<0.0383	U	0.568	0.0383	ug/L		11/12/24 06:44	11/17/24 23:59	1
4-Chlorophenyl phenyl ether	<0.130	U	0.568	0.130	ug/L		11/12/24 06:44	11/17/24 23:59	1
4-Nitroaniline	<0.108	U	0.568	0.108	ug/L		11/12/24 06:44	11/17/24 23:59	1
Acenaphthene	<0.107	U	0.568	0.107	ug/L		11/12/24 06:44	11/17/24 23:59	1
Acenaphthylene	<0.0991	U	0.568	0.0991	ug/L		11/12/24 06:44	11/17/24 23:59	1
Aniline	<0.0576	U	0.568	0.0576	ug/L		11/12/24 06:44	11/17/24 23:59	1
Anthracene	<0.0933	U	0.568	0.0933	ug/L		11/12/24 06:44	11/17/24 23:59	1
Benzo[a]anthracene	<0.0284	U	0.0284	0.0284	ug/L		11/12/24 06:44	11/17/24 23:59	1
Benzo[a]pyrene	<0.0298	U	0.0568	0.0298	ug/L		11/12/24 06:44	11/17/24 23:59	1
Benzo[b]fluoranthene	<0.0660	U	0.568	0.0660	ug/L		11/12/24 06:44	11/17/24 23:59	1
Benzo[g,h,i]perylene	<0.0343	U	0.568	0.0343	ug/L		11/12/24 06:44	11/17/24 23:59	1
Benzo[k]fluoranthene	<0.0470	U	0.568	0.0470	ug/L		11/12/24 06:44	11/17/24 23:59	1
Benzyl alcohol	<0.597	U *-	1.14	0.597	ug/L		11/12/24 06:44	11/17/24 23:59	1
Bis(2-chloroethoxy)methane	<0.0969	U	0.568	0.0969	ug/L		11/12/24 06:44	11/17/24 23:59	1
Bis(2-chloroethyl)ether	<0.213	U	0.568	0.213	ug/L		11/12/24 06:44	11/17/24 23:59	1
Bis(2-ethylhexyl) phthalate	<0.895	U	1.14	0.895	ug/L		11/12/24 06:44	11/17/24 23:59	1
Butyl benzyl phthalate	<0.497	U	1.14	0.497	ug/L		11/12/24 06:44	11/17/24 23:59	1
Chrysene	<0.0811	U	0.568	0.0811	ug/L		11/12/24 06:44	11/17/24 23:59	1

Client Sample ID: DUP-03
Lab Sample ID: 860-86517-10
Date Collected: 11/05/24 00:00
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	<0.0506	U	0.114	0.0506	ug/L		11/12/24 06:44	11/17/24 23:59	1
Dibenzofuran	<0.106	U	0.568	0.106	ug/L		11/12/24 06:44	11/17/24 23:59	1
Diethyl phthalate	<0.154	U	1.14	0.154	ug/L		11/12/24 06:44	11/17/24 23:59	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/12/24 06:44	11/17/24 23:59	1
Di-n-butyl phthalate	<0.761	U	1.14	0.761	ug/L		11/12/24 06:44	11/17/24 23:59	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/12/24 06:44	11/17/24 23:59	1
Fluoranthene	<0.0878	U	0.568	0.0878	ug/L		11/12/24 06:44	11/17/24 23:59	1
Fluorene	<0.0943	U	0.568	0.0943	ug/L		11/12/24 06:44	11/17/24 23:59	1
Hexachlorobenzene	<0.0969	U	0.568	0.0969	ug/L		11/12/24 06:44	11/17/24 23:59	1
Hexachlorobutadiene	<0.102	U	0.568	0.102	ug/L		11/12/24 06:44	11/17/24 23:59	1
Hexachlorocyclopentadiene	<0.0509	U	0.568	0.0509	ug/L		11/12/24 06:44	11/17/24 23:59	1
Hexachloroethane	<0.101	U	0.568	0.101	ug/L		11/12/24 06:44	11/17/24 23:59	1
Indeno[1,2,3-cd]pyrene	<0.0994	U	0.568	0.0994	ug/L		11/12/24 06:44	11/17/24 23:59	1
Isophorone	**0.368**	**J**	0.568	0.106	ug/L		11/12/24 06:44	11/17/24 23:59	1
Nitrobenzene	<0.0732	U	0.568	0.0732	ug/L		11/12/24 06:44	11/17/24 23:59	1
N-Nitrosodi-n-propylamine	<0.118	U	0.568	0.118	ug/L		11/12/24 06:44	11/17/24 23:59	1
N-Nitrosodiphenylamine	<0.144	U	0.568	0.144	ug/L		11/12/24 06:44	11/17/24 23:59	1
Pentachlorophenol	<1.03	U	1.14	1.03	ug/L		11/12/24 06:44	11/17/24 23:59	1
Phenanthrene	<0.133	U	0.568	0.133	ug/L		11/12/24 06:44	11/17/24 23:59	1
Phenol	**0.512**	**J I B**	2.84	0.446	ug/L		11/12/24 06:44	11/17/24 23:59	1
Pyrene	<0.0844	U	0.568	0.0844	ug/L		11/12/24 06:44	11/17/24 23:59	1
Pyridine	<1.43	U	2.84	1.43	ug/L		11/12/24 06:44	11/17/24 23:59	1
N-Nitro-o-toluidine	<0.517	U	1.14	0.517	ug/L		11/12/24 06:44	11/17/24 23:59	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.568	0.209	ug/L		11/12/24 06:44	11/17/24 23:59	1
Acetophenone	**5.35**	**I**	1.14	0.620	ug/L		11/12/24 06:44	11/17/24 23:59	1
N-Nitrosopiperidine	<0.465	U	1.14	0.465	ug/L		11/12/24 06:44	11/17/24 23:59	1
Pentachlorobenzene	<0.264	U	0.568	0.264	ug/L		11/12/24 06:44	11/17/24 23:59	1
Diphenyl ether	**0.682**	**I**	0.568	0.0905	ug/L		11/12/24 06:44	11/17/24 23:59	1
1,1'-Biphenyl	**0.238**	**J**	0.568	0.0976	ug/L		11/12/24 06:44	11/17/24 23:59	1
4-Aminobiphenyl	<0.392	U	0.568	0.392	ug/L		11/12/24 06:44	11/17/24 23:59	1
1,2,4,5-Tetrachlorobenzene	<0.0952	U	0.568	0.0952	ug/L		11/12/24 06:44	11/17/24 23:59	1
1,3,5-Trinitrobenzene	<0.118	U	0.568	0.118	ug/L		11/12/24 06:44	11/17/24 23:59	1
1,3-Dinitrobenzene	<0.0768	U	0.568	0.0768	ug/L		11/12/24 06:44	11/17/24 23:59	1
1,4-Naphthoquinone	<0.313	U	0.568	0.313	ug/L		11/12/24 06:44	11/17/24 23:59	1
1-Naphthylamine	<0.148	U	0.568	0.148	ug/L		11/12/24 06:44	11/17/24 23:59	1
2,6-Dichlorophenol	**0.219**	**J**	0.568	0.117	ug/L		11/12/24 06:44	11/17/24 23:59	1
2-Acetylaminofluorene	<1.26	U *+	2.84	1.26	ug/L		11/12/24 06:44	11/17/24 23:59	1
2-Chlorophenol	<0.0752	U	0.568	0.0752	ug/L		11/12/24 06:44	11/17/24 23:59	1
2-Naphthylamine	<0.286	U	0.568	0.286	ug/L		11/12/24 06:44	11/17/24 23:59	1
2-Picoline	<0.122	U	0.568	0.122	ug/L		11/12/24 06:44	11/17/24 23:59	1
2-Toluidine	<0.304	U	0.568	0.304	ug/L		11/12/24 06:44	11/17/24 23:59	1
3,3'-Dichlorobenzidine	<0.182	U	0.568	0.182	ug/L		11/12/24 06:44	11/17/24 23:59	1
3,3'-Dimethylbenzidine	<0.141	U	0.568	0.141	ug/L		11/12/24 06:44	11/17/24 23:59	1
3-Methylcholanthrene	<0.104	U	0.568	0.104	ug/L		11/12/24 06:44	11/17/24 23:59	1
4-Nitroquinoline-1-oxide	<0.726	U	1.14	0.726	ug/L		11/12/24 06:44	11/17/24 23:59	1
7,12-Dimethylbenz(a)anthracene	<0.240	U	0.568	0.240	ug/L		11/12/24 06:44	11/17/24 23:59	1
alpha,alpha-Dimethyl phenethylamine	<3.65	U *- *1	5.68	3.65	ug/L		11/12/24 06:44	11/17/24 23:59	1
Aramite Peak 1	<0.0781	U *+	0.568	0.0781	ug/L		11/12/24 06:44	11/17/24 23:59	1
Aramite Peak 2	<0.0948	U	0.568	0.0948	ug/L		11/12/24 06:44	11/17/24 23:59	1

Client Sample ID: DUP-03

Date Collected: 11/05/24 00:00
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-10

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aramite, Total	<0.0948	U	0.568	0.0948	ug/L		11/12/24 06:44	11/17/24 23:59	1
Diallate	<0.0830	U	0.568	0.0830	ug/L		11/12/24 06:44	11/17/24 23:59	1
Diallate Peak 1	<0.0830	U	0.568	0.0830	ug/L		11/12/24 06:44	11/17/24 23:59	1
Diallate Peak 2	<0.0383	U	0.568	0.0383	ug/L		11/12/24 06:44	11/17/24 23:59	1
Dimethoate	<0.121	U *+	0.568	0.121	ug/L		11/12/24 06:44	11/17/24 23:59	1
Dinoseb	<0.566	U *+	2.84	0.566	ug/L		11/12/24 06:44	11/17/24 23:59	1
Disulfoton	<0.202	U *+	0.568	0.202	ug/L		11/12/24 06:44	11/17/24 23:59	1
Ethyl methanesulfonate	<0.225	U	0.568	0.225	ug/L		11/12/24 06:44	11/17/24 23:59	1
Ethyl Parathion	<0.0499	U *+	0.227	0.0499	ug/L		11/12/24 06:44	11/17/24 23:59	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/12/24 06:44	11/17/24 23:59	1
Hexachloropropene	<0.298	U *-	0.568	0.298	ug/L		11/12/24 06:44	11/17/24 23:59	1
Isosafrole	<0.239	U	0.568	0.239	ug/L		11/12/24 06:44	11/17/24 23:59	1
Isosafrole Peak 1	<0.0461	U	0.568	0.0461	ug/L		11/12/24 06:44	11/17/24 23:59	1
Isosafrole Peak 2	<0.239	U	0.568	0.239	ug/L		11/12/24 06:44	11/17/24 23:59	1
Methapyrilene	<0.994	U *+	2.27	0.994	ug/L		11/12/24 06:44	11/17/24 23:59	1
Methyl methanesulfonate	<0.119	U	0.568	0.119	ug/L		11/12/24 06:44	11/17/24 23:59	1
Methyl parathion	<0.318	U *+	0.568	0.318	ug/L		11/12/24 06:44	11/17/24 23:59	1
N-Nitrosodiethylamine	<0.535	U	1.14	0.535	ug/L		11/12/24 06:44	11/17/24 23:59	1
N-Nitrosodimethylamine	<0.0994	U *-	0.568	0.0994	ug/L		11/12/24 06:44	11/17/24 23:59	1
N-Nitrosodi-n-butylamine	<0.513	U	1.14	0.513	ug/L		11/12/24 06:44	11/17/24 23:59	1
N-Nitrosomethylethylamine	<0.292	U	0.568	0.292	ug/L		11/12/24 06:44	11/17/24 23:59	1
N-Nitrosomorpholine	<0.219	U	0.568	0.219	ug/L		11/12/24 06:44	11/17/24 23:59	1
N-Nitrosopyrrolidine	<0.266	U *- *1	0.568	0.266	ug/L		11/12/24 06:44	11/17/24 23:59	1
o,o',o''-Triethylphosphorothioate	<0.137	U *+	0.568	0.137	ug/L		11/12/24 06:44	11/17/24 23:59	1
p-Dimethylamino azobenzene	<0.0236	U *+	0.568	0.0236	ug/L		11/12/24 06:44	11/17/24 23:59	1
Pentachloronitrobenzene	<0.0994	U	0.568	0.0994	ug/L		11/12/24 06:44	11/17/24 23:59	1
Phenacetin	<0.0994	U	0.568	0.0994	ug/L		11/12/24 06:44	11/17/24 23:59	1
Phorate	<0.220	U *+	0.568	0.220	ug/L		11/12/24 06:44	11/17/24 23:59	1
p-Phenylene diamine	<0.497	U *- *1	1.14	0.497	ug/L		11/12/24 06:44	11/17/24 23:59	1
Pronamide	<0.0994	U *+	0.568	0.0994	ug/L		11/12/24 06:44	11/17/24 23:59	1
Safrole, Total	<0.0568	U	0.568	0.0568	ug/L		11/12/24 06:44	11/17/24 23:59	1
Sulfotepp	<0.146	U *+	0.568	0.146	ug/L		11/12/24 06:44	11/17/24 23:59	1
Thionazin	<0.207	U *+	1.14	0.207	ug/L		11/12/24 06:44	11/17/24 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*99*		*35 - 130*	*11/12/24 06:44*	*11/17/24 23:59*	*1*
2-Fluorobiphenyl	*68*		*43 - 130*	*11/12/24 06:44*	*11/17/24 23:59*	*1*
2-Fluorophenol (Surr)	*63*		*19 - 120*	*11/12/24 06:44*	*11/17/24 23:59*	*1*
Nitrobenzene-d5 (Surr)	*95*		*37 - 133*	*11/12/24 06:44*	*11/17/24 23:59*	*1*
Phenol-d5 (Surr)	*49*		*8 - 124*	*11/12/24 06:44*	*11/17/24 23:59*	*1*
p-Terphenyl-d14	*82*		*47 - 130*	*11/12/24 06:44*	*11/17/24 23:59*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**43.9**		5.68	0.599	ug/L		11/12/24 06:44	12/05/24 14:15	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*114*		*35 - 130*	*11/12/24 06:44*	*12/05/24 14:15*	*10*
2-Fluorobiphenyl	*97*		*43 - 130*	*11/12/24 06:44*	*12/05/24 14:15*	*10*
2-Fluorophenol (Surr)	*87*		*19 - 120*	*11/12/24 06:44*	*12/05/24 14:15*	*10*

Client Sample ID: DUP-03

Date Collected: 11/05/24 00:00
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-10

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*123*		*37 - 133*	*11/12/24 06:44*	*12/05/24 14:15*	*10*
Phenol-d5 (Surr)	*59*		*8 - 124*	*11/12/24 06:44*	*12/05/24 14:15*	*10*
p-Terphenyl-d14	*134*	*S1+*	*47 - 130*	*11/12/24 06:44*	*12/05/24 14:15*	*10*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**290**		28.4	4.70	ug/L		11/12/24 06:44	12/05/24 16:16	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*129*	*I*	*35 - 130*	*11/12/24 06:44*	*12/05/24 16:16*	*50*
2-Fluorobiphenyl	*91*		*43 - 130*	*11/12/24 06:44*	*12/05/24 16:16*	*50*
2-Fluorophenol (Surr)	*94*		*19 - 120*	*11/12/24 06:44*	*12/05/24 16:16*	*50*
Nitrobenzene-d5 (Surr)	*135*	*S1+*	*37 - 133*	*11/12/24 06:44*	*12/05/24 16:16*	*50*
Phenol-d5 (Surr)	*65*		*8 - 124*	*11/12/24 06:44*	*12/05/24 16:16*	*50*
p-Terphenyl-d14	*131*	*S1+*	*47 - 130*	*11/12/24 06:44*	*12/05/24 16:16*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U H	0.571	0.0766	ug/L		11/20/24 07:01	11/22/24 06:40	1
1,2-Dichlorobenzene	<0.0941	U H	0.571	0.0941	ug/L		11/20/24 07:01	11/22/24 06:40	1
1,3-Dichlorobenzene	<0.102	U H	0.571	0.102	ug/L		11/20/24 07:01	11/22/24 06:40	1
1,4-Dichlorobenzene	<0.0779	U H	0.571	0.0779	ug/L		11/20/24 07:01	11/22/24 06:40	1
2,2'-oxybis[1-chloropropane]	<1.43	U H	2.86	1.43	ug/L		11/20/24 07:01	11/22/24 06:40	1
2,4,5-Trichlorophenol	<0.143	U H *+	0.571	0.143	ug/L		11/20/24 07:01	11/22/24 06:40	1
2,4,6-Trichlorophenol	<0.231	U H *+	0.571	0.231	ug/L		11/20/24 07:01	11/22/24 06:40	1
2,4-Dichlorophenol	<0.140	U H	0.571	0.140	ug/L		11/20/24 07:01	11/22/24 06:40	1
2,4-Dimethylphenol	**1.31**	**H *+**	0.571	0.192	ug/L		11/20/24 07:01	11/22/24 06:40	1
1,4-Dioxane	<0.0890	U H	0.571	0.0890	ug/L		11/20/24 07:01	11/22/24 06:40	1
2,4-Dinitrophenol	<0.104	U H	2.86	0.104	ug/L		11/20/24 07:01	11/22/24 06:40	1
2,4-Dinitrotoluene	<0.205	U H *+	0.571	0.205	ug/L		11/20/24 07:01	11/22/24 06:40	1
2,6-Dinitrotoluene	<0.116	U H	0.571	0.116	ug/L		11/20/24 07:01	11/22/24 06:40	1
2-Chloronaphthalene	<0.378	U H	0.571	0.378	ug/L		11/20/24 07:01	11/22/24 06:40	1
2-Methylphenol	**0.490**	**J H**	0.571	0.105	ug/L		11/20/24 07:01	11/22/24 06:40	1
2-Nitroaniline	<0.149	U H *+	0.571	0.149	ug/L		11/20/24 07:01	11/22/24 06:40	1
2-Nitrophenol	<0.136	U H	0.571	0.136	ug/L		11/20/24 07:01	11/22/24 06:40	1
3 & 4 Methylphenol	<0.139	U H	0.571	0.139	ug/L		11/20/24 07:01	11/22/24 06:40	1
3-Nitroaniline	<0.0853	U H	0.571	0.0853	ug/L		11/20/24 07:01	11/22/24 06:40	1
4,6-Dinitro-2-methylphenol	<0.201	U H	1.14	0.201	ug/L		11/20/24 07:01	11/22/24 06:40	1
4-Bromophenyl phenyl ether	<0.100	U H *+	0.571	0.100	ug/L		11/20/24 07:01	11/22/24 06:40	1
4-Chloro-3-methylphenol	<0.104	U H	0.571	0.104	ug/L		11/20/24 07:01	11/22/24 06:40	1
4-Chloroaniline	<0.0385	U H	0.571	0.0385	ug/L		11/20/24 07:01	11/22/24 06:40	1
4-Chlorophenyl phenyl ether	<0.130	U H	0.571	0.130	ug/L		11/20/24 07:01	11/22/24 06:40	1
4-Nitroaniline	<0.109	U H	0.571	0.109	ug/L		11/20/24 07:01	11/22/24 06:40	1
Acenaphthene	<0.107	U H	0.571	0.107	ug/L		11/20/24 07:01	11/22/24 06:40	1
Acenaphthylene	<0.0996	U H	0.571	0.0996	ug/L		11/20/24 07:01	11/22/24 06:40	1
Aniline	<0.0580	U H	0.571	0.0580	ug/L		11/20/24 07:01	11/22/24 06:40	1
Anthracene	<0.0938	U H	0.571	0.0938	ug/L		11/20/24 07:01	11/22/24 06:40	1
Benzo[a]anthracene	<0.0286	U H *+	0.0286	0.0286	ug/L		11/20/24 07:01	11/22/24 06:40	1
Benzo[a]pyrene	<0.0300	U H	0.0571	0.0300	ug/L		11/20/24 07:01	11/22/24 06:40	1
Benzo[b]fluoranthene	<0.0664	U H *+	0.571	0.0664	ug/L		11/20/24 07:01	11/22/24 06:40	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: DUP-03
Date Collected: 11/05/24 00:00
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-10
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	<0.0345	U H	0.571	0.0345	ug/L		11/20/24 07:01	11/22/24 06:40	1
Benzo[k]fluoranthene	<0.0473	U H *+	0.571	0.0473	ug/L		11/20/24 07:01	11/22/24 06:40	1
Bis(2-chloroethoxy)methane	<0.0974	U H	0.571	0.0974	ug/L		11/20/24 07:01	11/22/24 06:40	1
Bis(2-chloroethyl)ether	<0.214	U H *+	0.571	0.214	ug/L		11/20/24 07:01	11/22/24 06:40	1
Bis(2-ethylhexyl) phthalate	<0.900	U H *+	1.14	0.900	ug/L		11/20/24 07:01	11/22/24 06:40	1
Butyl benzyl phthalate	<0.500	U H	1.14	0.500	ug/L		11/20/24 07:01	11/22/24 06:40	1
Chrysene	<0.0815	U H *+	0.571	0.0815	ug/L		11/20/24 07:01	11/22/24 06:40	1
Dibenz(a,h)anthracene	<0.0509	U H	0.114	0.0509	ug/L		11/20/24 07:01	11/22/24 06:40	1
Dibenzofuran	<0.107	U H *+	0.571	0.107	ug/L		11/20/24 07:01	11/22/24 06:40	1
Diethyl phthalate	<0.155	U H *+	1.14	0.155	ug/L		11/20/24 07:01	11/22/24 06:40	1
Dimethyl phthalate	<0.108	U H	1.14	0.108	ug/L		11/20/24 07:01	11/22/24 06:40	1
Di-n-butyl phthalate	<0.765	U H *+	1.14	0.765	ug/L		11/20/24 07:01	11/22/24 06:40	1
Di-n-octyl phthalate	<0.269	U H *+ *1	1.14	0.269	ug/L		11/20/24 07:01	11/22/24 06:40	1
Fluoranthene	<0.0883	U H *+	0.571	0.0883	ug/L		11/20/24 07:01	11/22/24 06:40	1
Fluorene	<0.0948	U H	0.571	0.0948	ug/L		11/20/24 07:01	11/22/24 06:40	1
Hexachlorobenzene	<0.0975	U H	0.571	0.0975	ug/L		11/20/24 07:01	11/22/24 06:40	1
Hexachlorobutadiene	<0.103	U H	0.571	0.103	ug/L		11/20/24 07:01	11/22/24 06:40	1
Hexachlorocyclopentadiene	<0.0512	U H	0.571	0.0512	ug/L		11/20/24 07:01	11/22/24 06:40	1
Hexachloroethane	<0.102	U H	0.571	0.102	ug/L		11/20/24 07:01	11/22/24 06:40	1
Indeno[1,2,3-cd]pyrene	<0.100	U H	0.571	0.100	ug/L		11/20/24 07:01	11/22/24 06:40	1
Isophorone	<0.107	U H	0.571	0.107	ug/L		11/20/24 07:01	11/22/24 06:40	1
Nitrobenzene	**4.93**	**H I**	0.571	0.0736	ug/L		11/20/24 07:01	11/22/24 06:40	1
N-Nitrosodi-n-propylamine	<0.119	U H	0.571	0.119	ug/L		11/20/24 07:01	11/22/24 06:40	1
N-Nitrosodiphenylamine	<0.145	U H *+	0.571	0.145	ug/L		11/20/24 07:01	11/22/24 06:40	1
Pentachlorophenol	<1.04	U H	1.14	1.04	ug/L		11/20/24 07:01	11/22/24 06:40	1
Phenanthrene	<0.134	U H	0.571	0.134	ug/L		11/20/24 07:01	11/22/24 06:40	1
Phenol	<0.448	U H *1	2.86	0.448	ug/L		11/20/24 07:01	11/22/24 06:40	1
Pyrene	<0.0849	U H *+	0.571	0.0849	ug/L		11/20/24 07:01	11/22/24 06:40	1
N-Nitro-o-toluidine	<0.520	U H	1.14	0.520	ug/L		11/20/24 07:01	11/22/24 06:40	1
2,3,4,6-Tetrachlorophenol	<0.211	U H *+	0.571	0.211	ug/L		11/20/24 07:01	11/22/24 06:40	1
Acetophenone	**5.82**	**H I *+**	1.14	0.624	ug/L		11/20/24 07:01	11/22/24 06:40	1
N-Nitrosopiperidine	<0.467	U H	1.14	0.467	ug/L		11/20/24 07:01	11/22/24 06:40	1
Pentachlorobenzene	<0.266	U H	0.571	0.266	ug/L		11/20/24 07:01	11/22/24 06:40	1
Diphenyl ether	**0.631**	**H I**	0.571	0.0910	ug/L		11/20/24 07:01	11/22/24 06:40	1
1,1'-Biphenyl	**0.181**	**J H**	0.571	0.0981	ug/L		11/20/24 07:01	11/22/24 06:40	1
4-Aminobiphenyl	<0.394	U H	0.571	0.394	ug/L		11/20/24 07:01	11/22/24 06:40	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U H	0.571	0.0957	ug/L		11/20/24 07:01	11/22/24 06:40	1
1,3,5-Trinitrobenzene	<0.119	U H	0.571	0.119	ug/L		11/20/24 07:01	11/22/24 06:40	1
1,3-Dinitrobenzene	<0.0773	U H	0.571	0.0773	ug/L		11/20/24 07:01	11/22/24 06:40	1
1,4-Naphthoquinone	<0.314	U H	0.571	0.314	ug/L		11/20/24 07:01	11/22/24 06:40	1
1-Naphthylamine	<0.149	U H	0.571	0.149	ug/L		11/20/24 07:01	11/22/24 06:40	1
2,6-Dichlorophenol	**0.192**	**J H**	0.571	0.118	ug/L		11/20/24 07:01	11/22/24 06:40	1
2-Acetylaminofluorene	<1.26	U *+ H	2.86	1.26	ug/L		11/20/24 07:01	11/22/24 06:40	1
2-Chlorophenol	<0.0756	U H	0.571	0.0756	ug/L		11/20/24 07:01	11/22/24 06:40	1
2-Naphthylamine	<0.288	U H	0.571	0.288	ug/L		11/20/24 07:01	11/22/24 06:40	1
2-Picoline	<0.123	U H	0.571	0.123	ug/L		11/20/24 07:01	11/22/24 06:40	1
2-Toluidine	<0.306	U H *- *1	0.571	0.306	ug/L		11/20/24 07:01	11/22/24 06:40	1
3,3'-Dichlorobenzidine	<0.183	U H	0.571	0.183	ug/L		11/20/24 07:01	11/22/24 06:40	1
3,3'-Dimethylbenzidine	<0.142	U H	0.571	0.142	ug/L		11/20/24 07:01	11/22/24 06:40	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: DUP-03

Date Collected: 11/05/24 00:00
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-10

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylcholanthrene	<0.104	U H	0.571	0.104	ug/L		11/20/24 07:01	11/22/24 06:40	1
4-Nitroquinoline-1-oxide	<0.730	U H	1.14	0.730	ug/L		11/20/24 07:01	11/22/24 06:40	1
7,12-Dimethylbenz(a)anthracene	<0.241	U H *+	0.571	0.241	ug/L		11/20/24 07:01	11/22/24 06:40	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U H *-	5.71	3.67	ug/L		11/20/24 07:01	11/22/24 06:40	1
Aramite Peak 1	<0.0785	U H *+	0.571	0.0785	ug/L		11/20/24 07:01	11/22/24 06:40	1
Aramite Peak 2	<0.0954	U H *+	0.571	0.0954	ug/L		11/20/24 07:01	11/22/24 06:40	1
Aramite, Total	<0.0954	U H	0.571	0.0954	ug/L		11/20/24 07:01	11/22/24 06:40	1
Diallate	<0.0835	U H	0.571	0.0835	ug/L		11/20/24 07:01	11/22/24 06:40	1
Diallate Peak 1	<0.0835	U H *+	0.571	0.0835	ug/L		11/20/24 07:01	11/22/24 06:40	1
Diallate Peak 2	<0.0385	U H	0.571	0.0385	ug/L		11/20/24 07:01	11/22/24 06:40	1
Dimethoate	<0.122	U H *+	0.571	0.122	ug/L		11/20/24 07:01	11/22/24 06:40	1
Dinoseb	<0.570	U H *+	2.86	0.570	ug/L		11/20/24 07:01	11/22/24 06:40	1
Disulfoton	<0.203	U H *+	0.571	0.203	ug/L		11/20/24 07:01	11/22/24 06:40	1
Ethyl methanesulfonate	<0.227	U H	0.571	0.227	ug/L		11/20/24 07:01	11/22/24 06:40	1
Ethyl Parathion	<0.0502	U H *+	0.229	0.0502	ug/L		11/20/24 07:01	11/22/24 06:40	1
Famphur	<0.151	U H *+	1.14	0.151	ug/L		11/20/24 07:01	11/22/24 06:40	1
Hexachloropropene	<0.300	U H *-	0.571	0.300	ug/L		11/20/24 07:01	11/22/24 06:40	1
Isosafrole	<0.241	U H	0.571	0.241	ug/L		11/20/24 07:01	11/22/24 06:40	1
Isosafrole Peak 1	<0.0463	U H	0.571	0.0463	ug/L		11/20/24 07:01	11/22/24 06:40	1
Isosafrole Peak 2	<0.241	U H	0.571	0.241	ug/L		11/20/24 07:01	11/22/24 06:40	1
Methapyrilene	<1.00	U H *+	2.29	1.00	ug/L		11/20/24 07:01	11/22/24 06:40	1
Methyl methanesulfonate	<0.120	U H	0.571	0.120	ug/L		11/20/24 07:01	11/22/24 06:40	1
Methyl parathion	<0.319	U H *+	0.571	0.319	ug/L		11/20/24 07:01	11/22/24 06:40	1
N-Nitrosodiethylamine	<0.538	U H	1.14	0.538	ug/L		11/20/24 07:01	11/22/24 06:40	1
N-Nitrosodimethylamine	<0.100	U H *-	0.571	0.100	ug/L		11/20/24 07:01	11/22/24 06:40	1
N-Nitrosodi-n-butylamine	<0.516	U H *+	1.14	0.516	ug/L		11/20/24 07:01	11/22/24 06:40	1
N-Nitrosomethylethylamine	<0.294	U H	0.571	0.294	ug/L		11/20/24 07:01	11/22/24 06:40	1
N-Nitrosomorpholine	<0.220	U H	0.571	0.220	ug/L		11/20/24 07:01	11/22/24 06:40	1
N-Nitrosopyrrolidine	<0.268	U H	0.571	0.268	ug/L		11/20/24 07:01	11/22/24 06:40	1
o,o',o''-Triethylphosphorothioate	<0.138	U H *+	0.571	0.138	ug/L		11/20/24 07:01	11/22/24 06:40	1
p-Dimethylamino azobenzene	<0.0238	U H *+	0.571	0.0238	ug/L		11/20/24 07:01	11/22/24 06:40	1
Pentachloronitrobenzene	<0.100	U H *+	0.571	0.100	ug/L		11/20/24 07:01	11/22/24 06:40	1
Phenacetin	<0.100	U *+ H	0.571	0.100	ug/L		11/20/24 07:01	11/22/24 06:40	1
Phorate	<0.221	U H *+	0.571	0.221	ug/L		11/20/24 07:01	11/22/24 06:40	1
p-Phenylene diamine	<0.500	U H *-	1.14	0.500	ug/L		11/20/24 07:01	11/22/24 06:40	1
Pronamide	<0.100	U *+ H	0.571	0.100	ug/L		11/20/24 07:01	11/22/24 06:40	1
Safrole, Total	<0.0571	U H	0.571	0.0571	ug/L		11/20/24 07:01	11/22/24 06:40	1
Sulfotepp	<0.147	U H *+	0.571	0.147	ug/L		11/20/24 07:01	11/22/24 06:40	1
Thionazin	<0.208	U H *+	1.14	0.208	ug/L		11/20/24 07:01	11/22/24 06:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*149*	*S1+*	*35 - 130*	*11/20/24 07:01*	*11/22/24 06:40*	*1*
2-Fluorobiphenyl	*77*		*43 - 130*	*11/20/24 07:01*	*11/22/24 06:40*	*1*
2-Fluorophenol (Surr)	*88*		*19 - 120*	*11/20/24 07:01*	*11/22/24 06:40*	*1*
Nitrobenzene-d5 (Surr)	*93*		*37 - 133*	*11/20/24 07:01*	*11/22/24 06:40*	*1*
Phenol-d5 (Surr)	*90*		*8 - 124*	*11/20/24 07:01*	*11/22/24 06:40*	*1*
p-Terphenyl-d14	*83*		*47 - 130*	*11/20/24 07:01*	*11/22/24 06:40*	*1*

Client Sample ID: DUP-03

Lab Sample ID: 860-86517-10

Date Collected: 11/05/24 00:00

Matrix: Water

Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	16.7	H	5.71	0.603	ug/L		11/20/24 07:01	11/25/24 21:14	10
Naphthalene	103	H	5.71	0.944	ug/L		11/20/24 07:01	11/25/24 21:14	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*35 - 130*	*11/20/24 07:01*	*11/25/24 21:14*	*10*
2-Fluorobiphenyl	*44*		*43 - 130*	*11/20/24 07:01*	*11/25/24 21:14*	*10*
2-Fluorophenol (Surr)	*50*		*19 - 120*	*11/20/24 07:01*	*11/25/24 21:14*	*10*
Nitrobenzene-d5 (Surr)	*59*		*37 - 133*	*11/20/24 07:01*	*11/25/24 21:14*	*10*
Phenol-d5 (Surr)	*39*		*8 - 124*	*11/20/24 07:01*	*11/25/24 21:14*	*10*
p-Terphenyl-d14	*56*		*47 - 130*	*11/20/24 07:01*	*11/25/24 21:14*	*10*

Client Sample ID: MW-69

Lab Sample ID: 860-86517-11

Date Collected: 11/05/24 15:11

Matrix: Water

Date Received: 11/07/24 09:52

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/10/24 08:24	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/10/24 08:24	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/10/24 08:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/10/24 08:24	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/10/24 08:24	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/10/24 08:24	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/10/24 08:24	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/10/24 08:24	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/10/24 08:24	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/10/24 08:24	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/10/24 08:24	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/10/24 08:24	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/10/24 08:24	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/10/24 08:24	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/10/24 08:24	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/10/24 08:24	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/10/24 08:24	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/10/24 08:24	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/10/24 08:24	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/10/24 08:24	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/10/24 08:24	1
Acetone	<3.07	U	100	3.07	ug/L			11/10/24 08:24	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/10/24 08:24	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/10/24 08:24	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/10/24 08:24	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/10/24 08:24	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/10/24 08:24	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/10/24 08:24	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/10/24 08:24	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/10/24 08:24	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/10/24 08:24	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/10/24 08:24	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/10/24 08:24	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: MW-69

Date Collected: 11/05/24 15:11
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-11

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/10/24 08:24	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/10/24 08:24	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/10/24 08:24	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/10/24 08:24	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/10/24 08:24	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/10/24 08:24	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/10/24 08:24	1
Cumene (isopropylbenzene)	**1.32**		1.00	0.592	ug/L			11/10/24 08:24	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/10/24 08:24	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/10/24 08:24	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/10/24 08:24	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/10/24 08:24	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/10/24 08:24	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/10/24 08:24	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/10/24 08:24	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/10/24 08:24	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/10/24 08:24	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/10/24 08:24	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/10/24 08:24	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/10/24 08:24	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/10/24 08:24	1
Propylbenzene	**0.674**	**J**	1.00	0.429	ug/L			11/10/24 08:24	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/10/24 08:24	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/10/24 08:24	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/10/24 08:24	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/10/24 08:24	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/10/24 08:24	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/10/24 08:24	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/10/24 08:24	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/10/24 08:24	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/10/24 08:24	1
Vinyl acetate	<2.14	U *1	20.0	2.14	ug/L			11/10/24 08:24	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/10/24 08:24	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/10/24 08:24	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/10/24 08:24	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/10/24 08:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 144*		*11/10/24 08:24*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*11/10/24 08:24*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 131*		*11/10/24 08:24*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/10/24 08:24*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/12/24 06:44	11/18/24 00:30	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/12/24 06:44	11/18/24 00:30	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/12/24 06:44	11/18/24 00:30	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/12/24 06:44	11/18/24 00:30	1
2,2'-oxybis[1-chloropropane]	<1.43	U *+	2.86	1.43	ug/L		11/12/24 06:44	11/18/24 00:30	1

Client Sample ID: MW-69
Lab Sample ID: 860-86517-11
Date Collected: 11/05/24 15:11
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/12/24 06:44	11/18/24 00:30	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/12/24 06:44	11/18/24 00:30	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/12/24 06:44	11/18/24 00:30	1
2,4-Dimethylphenol	<0.192	U *+	0.571	0.192	ug/L		11/12/24 06:44	11/18/24 00:30	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		11/12/24 06:44	11/18/24 00:30	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/12/24 06:44	11/18/24 00:30	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/12/24 06:44	11/18/24 00:30	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/12/24 06:44	11/18/24 00:30	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/12/24 06:44	11/18/24 00:30	1
2-Methylnaphthalene	**0.842**		0.571	0.0603	ug/L		11/12/24 06:44	11/18/24 00:30	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/12/24 06:44	11/18/24 00:30	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/12/24 06:44	11/18/24 00:30	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/12/24 06:44	11/18/24 00:30	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/12/24 06:44	11/18/24 00:30	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/12/24 06:44	11/18/24 00:30	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/12/24 06:44	11/18/24 00:30	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	11/18/24 00:30	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/12/24 06:44	11/18/24 00:30	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/12/24 06:44	11/18/24 00:30	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/12/24 06:44	11/18/24 00:30	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/12/24 06:44	11/18/24 00:30	1
Acenaphthene	**0.117**	**J**	0.571	0.107	ug/L		11/12/24 06:44	11/18/24 00:30	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/12/24 06:44	11/18/24 00:30	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/12/24 06:44	11/18/24 00:30	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/12/24 06:44	11/18/24 00:30	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/12/24 06:44	11/18/24 00:30	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/12/24 06:44	11/18/24 00:30	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/12/24 06:44	11/18/24 00:30	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/12/24 06:44	11/18/24 00:30	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/12/24 06:44	11/18/24 00:30	1
Benzyl alcohol	<0.600	U *-	1.14	0.600	ug/L		11/12/24 06:44	11/18/24 00:30	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/12/24 06:44	11/18/24 00:30	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/12/24 06:44	11/18/24 00:30	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/12/24 06:44	11/18/24 00:30	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/12/24 06:44	11/18/24 00:30	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/12/24 06:44	11/18/24 00:30	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/12/24 06:44	11/18/24 00:30	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		11/12/24 06:44	11/18/24 00:30	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/12/24 06:44	11/18/24 00:30	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/12/24 06:44	11/18/24 00:30	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/12/24 06:44	11/18/24 00:30	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/12/24 06:44	11/18/24 00:30	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/12/24 06:44	11/18/24 00:30	1
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/12/24 06:44	11/18/24 00:30	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/12/24 06:44	11/18/24 00:30	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/12/24 06:44	11/18/24 00:30	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/12/24 06:44	11/18/24 00:30	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/12/24 06:44	11/18/24 00:30	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	11/18/24 00:30	1

Client Sample ID: MW-69
Date Collected: 11/05/24 15:11
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-11
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	<0.107	U	0.571	0.107	ug/L		11/12/24 06:44	11/18/24 00:30	1
Naphthalene	**3.11**		0.571	0.0944	ug/L		11/12/24 06:44	11/18/24 00:30	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/12/24 06:44	11/18/24 00:30	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/12/24 06:44	11/18/24 00:30	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/12/24 06:44	11/18/24 00:30	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/12/24 06:44	11/18/24 00:30	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/12/24 06:44	11/18/24 00:30	1
Phenol	<0.448	U	2.86	0.448	ug/L		11/12/24 06:44	11/18/24 00:30	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/12/24 06:44	11/18/24 00:30	1
Pyridine	<1.44	U	2.86	1.44	ug/L		11/12/24 06:44	11/18/24 00:30	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/12/24 06:44	11/18/24 00:30	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/12/24 06:44	11/18/24 00:30	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/12/24 06:44	11/18/24 00:30	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/12/24 06:44	11/18/24 00:30	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/12/24 06:44	11/18/24 00:30	1
Diphenyl ether	**0.157**	**J I**	0.571	0.0910	ug/L		11/12/24 06:44	11/18/24 00:30	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/12/24 06:44	11/18/24 00:30	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/12/24 06:44	11/18/24 00:30	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/12/24 06:44	11/18/24 00:30	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/12/24 06:44	11/18/24 00:30	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/12/24 06:44	11/18/24 00:30	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/12/24 06:44	11/18/24 00:30	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/12/24 06:44	11/18/24 00:30	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/12/24 06:44	11/18/24 00:30	1
2-Acetylaminofluorene	<1.26	U *+	2.86	1.26	ug/L		11/12/24 06:44	11/18/24 00:30	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/12/24 06:44	11/18/24 00:30	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/12/24 06:44	11/18/24 00:30	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/12/24 06:44	11/18/24 00:30	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/12/24 06:44	11/18/24 00:30	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/12/24 06:44	11/18/24 00:30	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/12/24 06:44	11/18/24 00:30	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/12/24 06:44	11/18/24 00:30	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/12/24 06:44	11/18/24 00:30	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/12/24 06:44	11/18/24 00:30	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U *- *1	5.71	3.67	ug/L		11/12/24 06:44	11/18/24 00:30	1
Aramite Peak 1	<0.0785	U *+	0.571	0.0785	ug/L		11/12/24 06:44	11/18/24 00:30	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/12/24 06:44	11/18/24 00:30	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/12/24 06:44	11/18/24 00:30	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/12/24 06:44	11/18/24 00:30	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/12/24 06:44	11/18/24 00:30	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/12/24 06:44	11/18/24 00:30	1
Dimethoate	<0.122	U *+	0.571	0.122	ug/L		11/12/24 06:44	11/18/24 00:30	1
Dinoseb	<0.570	U *+	2.86	0.570	ug/L		11/12/24 06:44	11/18/24 00:30	1
Disulfoton	<0.203	U *+	0.571	0.203	ug/L		11/12/24 06:44	11/18/24 00:30	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/12/24 06:44	11/18/24 00:30	1
Ethyl Parathion	<0.0502	U *+	0.229	0.0502	ug/L		11/12/24 06:44	11/18/24 00:30	1
Famphur	<0.151	U *+	1.14	0.151	ug/L		11/12/24 06:44	11/18/24 00:30	1
Hexachloropropene	<0.300	U *-	0.571	0.300	ug/L		11/12/24 06:44	11/18/24 00:30	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/12/24 06:44	11/18/24 00:30	1

Client Sample ID: MW-69

Date Collected: 11/05/24 15:11
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-11
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/12/24 06:44	11/18/24 00:30	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/12/24 06:44	11/18/24 00:30	1
Methapyrilene	<1.00	U *+	2.29	1.00	ug/L		11/12/24 06:44	11/18/24 00:30	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/12/24 06:44	11/18/24 00:30	1
Methyl parathion	<0.319	U *+	0.571	0.319	ug/L		11/12/24 06:44	11/18/24 00:30	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/12/24 06:44	11/18/24 00:30	1
N-Nitrosodimethylamine	<0.100	U *-	0.571	0.100	ug/L		11/12/24 06:44	11/18/24 00:30	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/12/24 06:44	11/18/24 00:30	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/12/24 06:44	11/18/24 00:30	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/12/24 06:44	11/18/24 00:30	1
N-Nitrosopyrrolidine	<0.268	U *- *1	0.571	0.268	ug/L		11/12/24 06:44	11/18/24 00:30	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.571	0.138	ug/L		11/12/24 06:44	11/18/24 00:30	1
p-Dimethylamino azobenzene	<0.0238	U *+	0.571	0.0238	ug/L		11/12/24 06:44	11/18/24 00:30	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	11/18/24 00:30	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	11/18/24 00:30	1
Phorate	<0.221	U *+	0.571	0.221	ug/L		11/12/24 06:44	11/18/24 00:30	1
p-Phenylene diamine	<0.500	U *- *1	1.14	0.500	ug/L		11/12/24 06:44	11/18/24 00:30	1
Pronamide	<0.100	U *+	0.571	0.100	ug/L		11/12/24 06:44	11/18/24 00:30	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/12/24 06:44	11/18/24 00:30	1
Sulfotepp	<0.147	U *+	0.571	0.147	ug/L		11/12/24 06:44	11/18/24 00:30	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/12/24 06:44	11/18/24 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*101*		*35 - 130*	*11/12/24 06:44*	*11/18/24 00:30*	*1*
2-Fluorobiphenyl	*71*		*43 - 130*	*11/12/24 06:44*	*11/18/24 00:30*	*1*
2-Fluorophenol (Surr)	*53*		*19 - 120*	*11/12/24 06:44*	*11/18/24 00:30*	*1*
Nitrobenzene-d5 (Surr)	*90*		*37 - 133*	*11/12/24 06:44*	*11/18/24 00:30*	*1*
Phenol-d5 (Surr)	*33*		*8 - 124*	*11/12/24 06:44*	*11/18/24 00:30*	*1*
p-Terphenyl-d14	*78*		*47 - 130*	*11/12/24 06:44*	*11/18/24 00:30*	*1*

Client Sample ID: FB-03

Date Collected: 11/05/24 15:11
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-12
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/10/24 06:06	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/10/24 06:06	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/10/24 06:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/10/24 06:06	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/10/24 06:06	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/10/24 06:06	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/10/24 06:06	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/10/24 06:06	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/10/24 06:06	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/10/24 06:06	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/10/24 06:06	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/10/24 06:06	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/10/24 06:06	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/10/24 06:06	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: FB-03
Date Collected: 11/05/24 15:11
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-12
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/10/24 06:06	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/10/24 06:06	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/10/24 06:06	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/10/24 06:06	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/10/24 06:06	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/10/24 06:06	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/10/24 06:06	1
Acetone	**12.3**	**J**	100	3.07	ug/L			11/10/24 06:06	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/10/24 06:06	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/10/24 06:06	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/10/24 06:06	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/10/24 06:06	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/10/24 06:06	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/10/24 06:06	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/10/24 06:06	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/10/24 06:06	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/10/24 06:06	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/10/24 06:06	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/10/24 06:06	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/10/24 06:06	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/10/24 06:06	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/10/24 06:06	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/10/24 06:06	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/10/24 06:06	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/10/24 06:06	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/10/24 06:06	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/10/24 06:06	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/10/24 06:06	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/10/24 06:06	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/10/24 06:06	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/10/24 06:06	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/10/24 06:06	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/10/24 06:06	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/10/24 06:06	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/10/24 06:06	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/10/24 06:06	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/10/24 06:06	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/10/24 06:06	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/10/24 06:06	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/10/24 06:06	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/10/24 06:06	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/10/24 06:06	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/10/24 06:06	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/10/24 06:06	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/10/24 06:06	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/10/24 06:06	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/10/24 06:06	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/10/24 06:06	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/10/24 06:06	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: FB-03
Date Collected: 11/05/24 15:11
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-12
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/10/24 06:06	1
Vinyl acetate	<2.14	U *1	20.0	2.14	ug/L			11/10/24 06:06	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/10/24 06:06	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/10/24 06:06	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/10/24 06:06	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/10/24 06:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*		*11/10/24 06:06*	*1*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*11/10/24 06:06*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/10/24 06:06*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/10/24 06:06*	*1*

Surrogate Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
860-85968-C-1 MS	Matrix Spike	103	108	108	101
860-86517-1	MW-71	92	99	95	101
860-86517-1 MS	MW-71	90	100	93	100
860-86517-2	MW-70	95	100	96	99
860-86517-3	RB-03	96	97	103	98
860-86517-4	MW-65	92	99	95	100
860-86517-5	MW-67	92	101	93	97
860-86517-5 - DL	MW-67	114	98	100	93
860-86517-6	MW-72	90	98	93	99
860-86517-7	MW-66	84	98	93	98
860-86517-7 - DL	MW-66	116	102	108	95
860-86517-7 MS - DL	MW-66	104	95	94	93
860-86517-8	MW-68	87	99	90	97
860-86517-8 - DL	MW-68	114	98	101	99
860-86517-9	MW-64	81	99	91	98
860-86517-9 - DL	MW-64	114	99	101	99
860-86517-10	DUP-03	108	93	97	91
860-86517-10 - DL	DUP-03	107	106	107	103
860-86517-11	MW-69	94	100	94	99
860-86517-12	FB-03	99	97	101	99
LCS 860-198805/3	Lab Control Sample	96	98	100	99
LCS 860-199006/3	Lab Control Sample	101	99	95	93
LCS 860-199129/3	Lab Control Sample	100	105	106	101
LCSD 860-198805/4	Lab Control Sample Dup	97	98	97	98
LCSD 860-199006/4	Lab Control Sample Dup	102	102	92	95
LCSD 860-199129/4	Lab Control Sample Dup	100	105	106	102
MB 860-198805/10	Method Blank	96	97	97	98
MB 860-199006/9	Method Blank	125	102	111	95
MB 860-199129/9	Method Blank	104	107	105	103

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(35-130)	(43-130)	(19-120)	(37-133)	(8-124)	(47-130)
860-86517-1	MW-71	78	74	59	87	37	79
860-86517-2	MW-70	88	64	62	89	43	82
860-86517-3	RB-03	84	81	41	90	30	84
860-86517-4	MW-65	110	76	49	88	26	82
860-86517-5	MW-67	105	71	55	93	40	76
860-86517-5 - RA	MW-67	100	81	61	110	43	87
860-86517-5 - DL	MW-67	90	112	82	122	77 I	126
860-86517-6	MW-72	87	76	60	95	36	87

Surrogate Summary

Client: Ashland LLC
Job ID: 860-86517-1
Project/Site: Hercules Hattiesburg, MS

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(35-130)	(43-130)	(19-120)	(37-133)	(8-124)	(47-130)
860-86517-7	MW-66	102	73	60	95	43	88
860-86517-7 - RE	MW-66	161 S1+	101	75	113	67	95
860-86517-7 - RA	MW-66	111	78	64	106	48	90
860-86517-7 - REDL	MW-66	143 S1+	97	98	127	66	134 S1+
860-86517-7 - DL	MW-66	106	109	99	136 S1+	83 I	131 S1+
860-86517-8	MW-68	97	64	60	91	50	81
860-86517-8 - RE	MW-68	141 S1+	85	68	97	69	76
860-86517-8 - REDL	MW-68	153 S1+	88	83	123	60 I	112
860-86517-8 - DL	MW-68	156 I S1+	94	84	111	49	119
860-86517-8 - DL2	MW-68	280 I S1+	100	91	96	73	127 I
860-86517-9	MW-64	108	63	55	87	45	77
860-86517-9 - RE	MW-64	175 S1+	95	79	104	80	84
860-86517-9 - RA	MW-64	113	70	60	110	46	84
860-86517-9 - REDL	MW-64	133 S1+	97	85	127	12 I	114
860-86517-9 - DL	MW-64	108	105	76	121	78 I	112
860-86517-10	DUP-03	99	68	63	95	49	82
860-86517-10 - RE	DUP-03	149 S1+	77	88	93	90	83
860-86517-10 - REDL	DUP-03	60	44	50	59	39	56
860-86517-10 - DL	DUP-03	114	97	87	123	59	134 S1+
860-86517-10 - DL2	DUP-03	129 I	91	94	135 S1+	65	131 S1+
860-86517-11	MW-69	101	71	53	90	33	78
LCS 860-199125/2-A	Lab Control Sample	108	99	50	115	33	119
LCS 860-199125/4-A	Lab Control Sample	94	101	44	111	32	118
LCS 860-200832/2-A	Lab Control Sample	133 S1+	113	71	112	50	96
LCS 860-200832/4-A	Lab Control Sample	133 S1+	101	76	111	64	104
LCSD 860-199125/3-A	Lab Control Sample Dup	104	93	47	109	30	115
LCSD 860-199125/5-A	Lab Control Sample Dup	91	99	49	107	36	102
LCSD 860-200832/3-A	Lab Control Sample Dup	148 S1+	118	68	109	46	96
LCSD 860-200832/5-A	Lab Control Sample Dup	127	93	72	112	53	94
MB 860-199125/1-A	Method Blank	100	103	50	112	33	123
MB 860-200832/1-A	Method Blank	138 S1+	126	67	100	45	99

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-198805/10
Matrix: Water
Analysis Batch: 198805

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/10/24 04:57	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/10/24 04:57	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/10/24 04:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/10/24 04:57	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/10/24 04:57	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/10/24 04:57	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/10/24 04:57	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/10/24 04:57	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/10/24 04:57	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/10/24 04:57	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/10/24 04:57	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/10/24 04:57	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/10/24 04:57	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/10/24 04:57	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/10/24 04:57	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/10/24 04:57	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/10/24 04:57	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/10/24 04:57	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/10/24 04:57	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/10/24 04:57	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/10/24 04:57	1
Acetone	<3.07	U	100	3.07	ug/L			11/10/24 04:57	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/10/24 04:57	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/10/24 04:57	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/10/24 04:57	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/10/24 04:57	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/10/24 04:57	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/10/24 04:57	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/10/24 04:57	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/10/24 04:57	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/10/24 04:57	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/10/24 04:57	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/10/24 04:57	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/10/24 04:57	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/10/24 04:57	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/10/24 04:57	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/10/24 04:57	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/10/24 04:57	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/10/24 04:57	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/10/24 04:57	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/10/24 04:57	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/10/24 04:57	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/10/24 04:57	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/10/24 04:57	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/10/24 04:57	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/10/24 04:57	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/10/24 04:57	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/10/24 04:57	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-198805/10
Matrix: Water
Analysis Batch: 198805

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/10/24 04:57	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/10/24 04:57	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/10/24 04:57	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/10/24 04:57	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/10/24 04:57	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/10/24 04:57	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/10/24 04:57	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/10/24 04:57	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/10/24 04:57	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/10/24 04:57	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/10/24 04:57	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/10/24 04:57	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/10/24 04:57	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/10/24 04:57	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/10/24 04:57	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/10/24 04:57	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/10/24 04:57	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/10/24 04:57	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/10/24 04:57	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/10/24 04:57	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/10/24 04:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 144*		*11/10/24 04:57*	*1*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*11/10/24 04:57*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*11/10/24 04:57*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/10/24 04:57*	*1*

Lab Sample ID: LCS 860-198805/3
Matrix: Water
Analysis Batch: 198805

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	50.58		ug/L		101	72 - 125
1,1,1-Trichloroethane	50.0	51.83		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	50.0	43.32		ug/L		87	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.90		ug/L		96	60 - 140
1,1,2-Trichloroethane	50.0	50.01		ug/L		100	75 - 130
1,1-Dichloroethane	50.0	51.46		ug/L		103	71 - 130
1,1-Dichloroethene	50.0	52.73		ug/L		105	50 - 150
1,2,3-Trichloropropane	50.0	46.73		ug/L		93	75 - 125
1,2,4-Trimethylbenzene	50.0	53.26		ug/L		107	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	49.56		ug/L		99	59 - 125
1,2-Dibromoethane	50.0	50.80		ug/L		102	73 - 125
1,2-Dichloroethane	50.0	46.49		ug/L		93	72 - 130
1,2-Dichloropropane	50.0	51.18		ug/L		102	74 - 125
1,3,5-Trimethylbenzene	50.0	52.32		ug/L		105	60 - 140
1,3-Butadiene	50.0	53.31		ug/L		107	60 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-198805/3
Matrix: Water
Analysis Batch: 198805

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,2,4-Trimethylpentane	50.0	41.50		ug/L		83	70 - 130
2-Butanone (MEK)	250	275.4		ug/L		110	60 - 140
2-Hexanone (MBK)	250	260.2		ug/L		104	60 - 140
2-Propanol	500	568.6		ug/L		114	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	51.27		ug/L		103	70 - 130
4-Methyl-2-pentanone	250	260.9		ug/L		104	60 - 140
Acetone	250	250.3		ug/L		100	60 - 140
Acetonitrile	500	511.8		ug/L		102	60 - 140
Acrolein	250	229.8		ug/L		92	60 - 140
Acrylonitrile	500	484.9		ug/L		97	60 - 140
alpha-Chlorotoluene	50.0	43.24		ug/L		86	75 - 125
Benzene	50.0	50.39		ug/L		101	75 - 125
Bromodichloromethane	50.0	49.67		ug/L		99	75 - 125
Bromoform	50.0	49.06		ug/L		98	70 - 130
Bromomethane	50.0	52.57		ug/L		105	60 - 140
Carbon disulfide	50.0	53.00		ug/L		106	60 - 140
Carbon tetrachloride	50.0	49.76		ug/L		100	70 - 125
Chlorobenzene	50.0	49.72		ug/L		99	82 - 135
Chlorodibromomethane	50.0	50.25		ug/L		101	73 - 125
Chloroethane	50.0	39.78		ug/L		80	60 - 140
Chloroform	50.0	50.49		ug/L		101	70 - 121
Chloromethane	50.0	36.50		ug/L		73	60 - 140
Chloroprene	50.0	59.00		ug/L		118	70 - 130
cis-1,2-Dichloroethene	50.0	51.25		ug/L		103	75 - 125
cis-1,3-Dichloropropene	50.0	52.10		ug/L		104	74 - 125
Cumene (isopropylbenzene)	50.0	54.73		ug/L		109	75 - 125
Cyclohexane	50.0	45.47		ug/L		91	70 - 130
Dibromomethane	50.0	48.32		ug/L		97	69 - 127
Dichlorodifluoromethane	50.0	39.00		ug/L		78	50 - 150
Ethyl methacrylate	50.0	51.80		ug/L		104	70 - 130
Ethylbenzene	50.0	51.61		ug/L		103	75 - 125
Hexane	50.0	43.29		ug/L		87	72 - 125
Iodomethane	50.0	60.36		ug/L		121	75 - 125
Isobutanol	1240	1277		ug/L		103	60 - 140
Methacrylonitrile	500	547.1		ug/L		109	70 - 130
Methyl methacrylate	100	100.3		ug/L		100	70 - 130
Methyl tert-butyl ether	50.0	52.39		ug/L		105	65 - 135
Methylene Chloride	50.0	49.72		ug/L		99	71 - 125
Propionitrile	500	511.1		ug/L		102	70 - 130
Propylbenzene	50.0	51.48		ug/L		103	75 - 125
Styrene	50.0	55.08		ug/L		110	75 - 125
Tetrachloroethene	50.0	50.09		ug/L		100	71 - 125
Tetrahydrofuran	100	98.44		ug/L		98	75 - 125
Toluene	50.0	49.45		ug/L		99	75 - 130
trans-1,2-Dichloroethene	50.0	52.91		ug/L		106	75 - 125
trans-1,3-Dichloropropene	50.0	52.08		ug/L		104	66 - 125
trans-1,4-Dichloro-2-butene	50.0	45.65		ug/L		91	70 - 130
Trichloroethene	50.0	56.22		ug/L		112	75 - 135
Trichlorofluoromethane	50.0	48.37		ug/L		97	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-198805/3
Matrix: Water
Analysis Batch: 198805

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Vinyl acetate			250	181.8		ug/L		73	60 - 140		
Vinyl chloride			50.0	54.70		ug/L		109	60 - 140		
Xylenes, Total			100	105.9		ug/L		106	75 - 125		
m,p-Xylenes			0.0500	0.05228		mg/L		105	75 - 125		
o-Xylene			0.0500	0.05358		mg/L		107	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 144*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 860-198805/4
Matrix: Water
Analysis Batch: 198805

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	50.67		ug/L		101	72 - 125	0	25
1,1,1-Trichloroethane			50.0	51.94		ug/L		104	70 - 130	0	25
1,1,2,2-Tetrachloroethane			50.0	45.30		ug/L		91	74 - 125	4	25
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	47.09		ug/L		94	60 - 140	2	25
1,1,2-Trichloroethane			50.0	49.62		ug/L		99	75 - 130	1	25
1,1-Dichloroethane			50.0	50.72		ug/L		101	71 - 130	1	25
1,1-Dichloroethene			50.0	53.47		ug/L		107	50 - 150	1	25
1,2,3-Trichloropropane			50.0	46.88		ug/L		94	75 - 125	0	25
1,2,4-Trimethylbenzene			50.0	53.76		ug/L		108	75 - 125	1	25
1,2-Dibromo-3-Chloropropane			50.0	50.37		ug/L		101	59 - 125	2	25
1,2-Dibromoethane			50.0	49.93		ug/L		100	73 - 125	2	25
1,2-Dichloroethane			50.0	46.01		ug/L		92	72 - 130	1	25
1,2-Dichloropropane			50.0	51.00		ug/L		102	74 - 125	0	25
1,3,5-Trimethylbenzene			50.0	52.86		ug/L		106	60 - 140	1	25
1,3-Butadiene			50.0	51.74		ug/L		103	60 - 150	3	25
2,2,4-Trimethylpentane			50.0	40.79		ug/L		82	70 - 130	2	25
2-Butanone (MEK)			250	266.5		ug/L		107	60 - 140	3	25
2-Hexanone (MBK)			250	252.5		ug/L		101	60 - 140	3	25
2-Propanol			500	550.4		ug/L		110	70 - 120	3	25
3-Chloropropene (Allyl Chloride)			50.0	49.78		ug/L		100	70 - 130	3	25
4-Methyl-2-pentanone			250	254.8		ug/L		102	60 - 140	2	25
Acetone			250	234.4		ug/L		94	60 - 140	7	25
Acetonitrile			500	502.3		ug/L		100	60 - 140	2	25
Acrolein			250	227.6		ug/L		91	60 - 140	1	25
Acrylonitrile			500	471.1		ug/L		94	60 - 140	3	25
alpha-Chlorotoluene			50.0	42.95		ug/L		86	75 - 125	1	25
Benzene			50.0	50.20		ug/L		100	75 - 125	0	25
Bromodichloromethane			50.0	49.79		ug/L		100	75 - 125	0	25
Bromoform			50.0	48.36		ug/L		97	70 - 130	1	25
Bromomethane			50.0	55.05		ug/L		110	60 - 140	5	25
Carbon disulfide			50.0	52.26		ug/L		105	60 - 140	1	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-198805/4
Matrix: Water
Analysis Batch: 198805

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride			50.0	50.22		ug/L		100	70 - 125	1	25
Chlorobenzene			50.0	49.30		ug/L		99	82 - 135	1	25
Chlorodibromomethane			50.0	50.27		ug/L		101	73 - 125	0	25
Chloroethane			50.0	38.95		ug/L		78	60 - 140	2	25
Chloroform			50.0	49.17		ug/L		98	70 - 121	3	25
Chloromethane			50.0	36.50		ug/L		73	60 - 140	0	25
Chloroprene			50.0	56.17		ug/L		112	70 - 130	5	25
cis-1,2-Dichloroethene			50.0	50.34		ug/L		101	75 - 125	2	25
cis-1,3-Dichloropropene			50.0	51.92		ug/L		104	74 - 125	0	25
Cumene (isopropylbenzene)			50.0	53.78		ug/L		108	75 - 125	2	25
Cyclohexane			50.0	43.94		ug/L		88	70 - 130	3	25
Dibromomethane			50.0	48.62		ug/L		97	69 - 127	1	25
Dichlorodifluoromethane			50.0	37.15		ug/L		74	50 - 150	5	25
Ethyl methacrylate			50.0	51.03		ug/L		102	70 - 130	1	25
Ethylbenzene			50.0	50.84		ug/L		102	75 - 125	1	25
Hexane			50.0	42.35		ug/L		85	72 - 125	2	25
Iodomethane			50.0	61.43		ug/L		123	75 - 125	2	25
Isobutanol			1240	1231		ug/L		99	60 - 140	4	25
Methacrylonitrile			500	539.7		ug/L		108	70 - 130	1	25
Methyl methacrylate			100	100.1		ug/L		100	70 - 130	0	25
Methyl tert-butyl ether			50.0	51.82		ug/L		104	65 - 135	1	25
Methylene Chloride			50.0	48.97		ug/L		98	71 - 125	2	25
Propionitrile			500	497.7		ug/L		100	70 - 130	3	25
Propylbenzene			50.0	51.87		ug/L		104	75 - 125	1	25
Styrene			50.0	54.16		ug/L		108	75 - 125	2	25
Tetrachloroethene			50.0	49.34		ug/L		99	71 - 125	2	25
Tetrahydrofuran			100	95.83		ug/L		96	75 - 125	3	25
Toluene			50.0	48.79		ug/L		98	75 - 130	1	25
trans-1,2-Dichloroethene			50.0	52.06		ug/L		104	75 - 125	2	25
trans-1,3-Dichloropropene			50.0	51.64		ug/L		103	66 - 125	1	25
trans-1,4-Dichloro-2-butene			50.0	46.05		ug/L		92	70 - 130	1	25
Trichloroethene			50.0	54.08		ug/L		108	75 - 135	4	25
Trichlorofluoromethane			50.0	46.81		ug/L		94	60 - 140	3	25
Vinyl acetate			250	236.0	*1	ug/L		94	60 - 140	26	25
Vinyl chloride			50.0	53.78		ug/L		108	60 - 140	2	25
Xylenes, Total			100	105.1		ug/L		105	75 - 125	1	25
m,p-Xylenes			0.0500	0.05168		mg/L		103	75 - 125	1	25
o-Xylene			0.0500	0.05337		mg/L		107	75 - 125	0	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86517-1 MS
Matrix: Water
Analysis Batch: 198805

Client Sample ID: MW-71
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.644	U	50.0	53.91		ug/L		108	72 - 125
1,1,1-Trichloroethane	<0.585	U	50.0	51.64		ug/L		103	75 - 125
1,1,2,2-Tetrachloroethane	<0.470	U	50.0	53.98		ug/L		108	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	50.0	48.51		ug/L		97	60 - 140
1,1,2-Trichloroethane	<0.411	U	50.0	52.29		ug/L		105	75 - 127
1,1-Dichloroethane	<0.635	U	50.0	49.49		ug/L		99	72 - 125
1,1-Dichloroethene	<0.738	U	50.0	51.42		ug/L		103	59 - 172
1,2,3-Trichloropropane	<0.470	U	50.0	52.63		ug/L		105	75 - 125
1,2,4-Trimethylbenzene	<0.417	U	50.0	55.73		ug/L		111	75 - 125
1,2-Dibromo-3-Chloropropane	<0.671	U	50.0	56.60		ug/L		113	59 - 125
1,2-Dibromoethane	<0.999	U	50.0	53.20		ug/L		106	73 - 125
1,2-Dichloroethane	<0.372	U	50.0	46.29		ug/L		93	68 - 127
1,2-Dichloropropane	<0.556	U	50.0	51.40		ug/L		103	74 - 125
1,3,5-Trimethylbenzene	<0.411	U	50.0	54.55		ug/L		109	70 - 125
1,3-Butadiene	<0.568	U	50.0	43.87		ug/L		88	70 - 150
2,2,4-Trimethylpentane	<0.500	U	50.0	37.98		ug/L		76	70 - 130
2-Butanone (MEK)	<8.28	U	250	295.1		ug/L		118	60 - 140
2-Hexanone (MBK)	<5.00	U	250	287.2		ug/L		115	60 - 140
2-Propanol	<5.23	U	500	586.3		ug/L		117	70 - 120
3-Chloropropene (Allyl Chloride)	<0.597	U	50.0	47.66		ug/L		95	70 - 130
4-Methyl-2-pentanone	<5.00	U	250	281.1		ug/L		112	60 - 140
Acetone	<3.07	U	250	247.8		ug/L		99	60 - 140
Acetonitrile	<14.6	U	500	500.0		ug/L		100	60 - 140
Acrolein	<11.1	U	250	267.1		ug/L		107	50 - 150
Acrylonitrile	<14.3	U	500	499.1		ug/L		100	50 - 150
alpha-Chlorotoluene	<2.26	U	50.0	42.84		ug/L		86	70 - 130
Benzene	<0.460	U	50.0	51.58		ug/L		103	66 - 142
Bromodichloromethane	<0.552	U	50.0	49.61		ug/L		99	75 - 125
Bromoform	<0.633	U	50.0	52.19		ug/L		104	75 - 125
Bromomethane	<1.42	U	50.0	40.72		ug/L		81	60 - 140
Carbon disulfide	<1.65	U	50.0	45.98		ug/L		92	60 - 140
Carbon tetrachloride	<0.896	U	50.0	50.21		ug/L		100	62 - 125
Chlorobenzene	<0.455	U	50.0	51.94		ug/L		104	60 - 133
Chlorodibromomethane	<0.547	U	50.0	52.06		ug/L		104	73 - 125
Chloroethane	<1.98	U F1	50.0	28.05	F1	ug/L		56	60 - 140
Chloroform	<0.464	U	50.0	49.04		ug/L		98	70 - 130
Chloromethane	<2.04	U F1	50.0	27.56	F1	ug/L		55	60 - 140
Chloroprene	<0.598	U	50.0	55.62		ug/L		111	70 - 130
cis-1,2-Dichloroethene	<0.457	U	50.0	50.80		ug/L		102	75 - 125
cis-1,3-Dichloropropene	<1.07	U	50.0	52.65		ug/L		105	74 - 125
Cumene (isopropylbenzene)	<0.592	U	50.0	55.54		ug/L		111	75 - 125
Cyclohexane	<1.29	U	50.0	46.96		ug/L		94	70 - 130
Dibromomethane	<0.357	U	50.0	48.72		ug/L		97	69 - 127
Dichlorodifluoromethane	<0.785	U F1	50.0	27.62	F1	ug/L		55	70 - 130
Ethyl methacrylate	<1.12	U	50.0	55.66		ug/L		111	70 - 130
Ethylbenzene	<0.385	U	50.0	53.25		ug/L		106	75 - 125
Hexane	<0.517	U	50.0	39.41		ug/L		79	72 - 125
Iodomethane	<5.00	U	50.0	53.16		ug/L		106	75 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86517-1 MS
Matrix: Water
Analysis Batch: 198805

Client Sample ID: MW-71
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Isobutanol	<17.1	U	1240	1550		ug/L		125	60 - 140
Methacrylonitrile	<2.72	U	500	543.5		ug/L		109	70 - 130
Methyl methacrylate	<2.25	U	100	116.5		ug/L		117	70 - 130
Methyl tert-butyl ether	<1.39	U	50.0	52.65		ug/L		105	65 - 135
Methylene Chloride	<1.73	U	50.0	46.09		ug/L		92	75 - 125
Propionitrile	<3.34	U	500	532.4		ug/L		106	70 - 130
Propylbenzene	<0.429	U	50.0	54.53		ug/L		109	75 - 125
Styrene	<0.619	U	50.0	56.13		ug/L		112	75 - 125
Tetrachloroethene	<0.655	U	50.0	53.27		ug/L		107	71 - 125
Tetrahydrofuran	<1.83	U	100	101.8		ug/L		102	75 - 125
Toluene	<0.475	U	50.0	52.14		ug/L		104	59 - 139
trans-1,2-Dichloroethene	<0.368	U	50.0	50.54		ug/L		101	75 - 125
trans-1,3-Dichloropropene	<1.27	U	50.0	53.71		ug/L		107	66 - 125
trans-1,4-Dichloro-2-butene	<1.35	U	50.0	50.59		ug/L		101	70 - 130
Trichloroethene	<1.50	U	50.0	54.17		ug/L		108	62 - 137
Trichlorofluoromethane	<0.560	U	50.0	43.62		ug/L		87	60 - 140
Vinyl acetate	<2.14	U *1	250	317.0		ug/L		127	60 - 140
Vinyl chloride	<0.428	U	50.0	44.21		ug/L		88	60 - 140
Xylenes, Total	<1.24	U	100	108.8		ug/L		109	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.05396		mg/L		108	75 - 125
o-Xylene	<0.000502	U	0.0500	0.05484		mg/L		110	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 144*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*93*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: MB 860-199006/9
Matrix: Water
Analysis Batch: 199006

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/11/24 15:23	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/11/24 15:23	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/11/24 15:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/11/24 15:23	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/11/24 15:23	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/11/24 15:23	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/11/24 15:23	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/11/24 15:23	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/11/24 15:23	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/11/24 15:23	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/11/24 15:23	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/11/24 15:23	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/11/24 15:23	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/11/24 15:23	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/11/24 15:23	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-199006/9
Matrix: Water
Analysis Batch: 199006

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/11/24 15:23	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/11/24 15:23	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/11/24 15:23	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/11/24 15:23	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/11/24 15:23	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/11/24 15:23	1
Acetone	<3.07	U	100	3.07	ug/L			11/11/24 15:23	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/11/24 15:23	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/11/24 15:23	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/11/24 15:23	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/11/24 15:23	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/11/24 15:23	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/11/24 15:23	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/11/24 15:23	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/11/24 15:23	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/11/24 15:23	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/11/24 15:23	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/11/24 15:23	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/11/24 15:23	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/11/24 15:23	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/11/24 15:23	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/11/24 15:23	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/11/24 15:23	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/11/24 15:23	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/11/24 15:23	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/11/24 15:23	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/11/24 15:23	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/11/24 15:23	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/11/24 15:23	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/11/24 15:23	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/11/24 15:23	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/11/24 15:23	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/11/24 15:23	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/11/24 15:23	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/11/24 15:23	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/11/24 15:23	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/11/24 15:23	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/11/24 15:23	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/11/24 15:23	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/11/24 15:23	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/11/24 15:23	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/11/24 15:23	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/11/24 15:23	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/11/24 15:23	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/11/24 15:23	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/11/24 15:23	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/11/24 15:23	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/11/24 15:23	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/11/24 15:23	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-199006/9
Matrix: Water
Analysis Batch: 199006

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/11/24 15:23	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/11/24 15:23	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/11/24 15:23	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/11/24 15:23	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/11/24 15:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*125*		*63 - 144*		*11/11/24 15:23*	*1*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*11/11/24 15:23*	*1*
Dibromofluoromethane (Surr)	*111*		*75 - 131*		*11/11/24 15:23*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*11/11/24 15:23*	*1*

Lab Sample ID: LCS 860-199006/3
Matrix: Water
Analysis Batch: 199006

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	46.93		ug/L		94	72 - 125
1,1,1-Trichloroethane	50.0	47.87		ug/L		96	70 - 130
1,1,2,2-Tetrachloroethane	50.0	39.95		ug/L		80	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.60		ug/L		91	60 - 140
1,1,2-Trichloroethane	50.0	41.20		ug/L		82	75 - 130
1,1-Dichloroethane	50.0	45.49		ug/L		91	71 - 130
1,1-Dichloroethene	50.0	41.65		ug/L		83	50 - 150
1,2,3-Trichloropropane	50.0	43.81		ug/L		88	75 - 125
1,2,4-Trimethylbenzene	50.0	54.13		ug/L		108	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	49.37		ug/L		99	59 - 125
1,2-Dibromoethane	50.0	47.21		ug/L		94	73 - 125
1,2-Dichloroethane	50.0	48.93		ug/L		98	72 - 130
1,2-Dichloropropane	50.0	43.88		ug/L		88	74 - 125
1,3,5-Trimethylbenzene	50.0	53.36		ug/L		107	60 - 140
1,3-Butadiene	50.0	45.48		ug/L		91	60 - 150
2,2,4-Trimethylpentane	50.0	43.39		ug/L		87	70 - 130
2-Butanone (MEK)	250	231.9		ug/L		93	60 - 140
2-Hexanone (MBK)	250	240.8		ug/L		96	60 - 140
2-Propanol	500	582.7		ug/L		117	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	53.06		ug/L		106	70 - 130
4-Methyl-2-pentanone	250	275.6		ug/L		110	60 - 140
Acetone	250	254.4		ug/L		102	60 - 140
Acetonitrile	500	462.5		ug/L		92	60 - 140
Acrolein	250	149.9		ug/L		60	60 - 140
Acrylonitrile	500	440.5		ug/L		88	60 - 140
alpha-Chlorotoluene	50.0	58.25		ug/L		116	75 - 125
Benzene	50.0	45.21		ug/L		90	75 - 125
Bromodichloromethane	50.0	48.96		ug/L		98	75 - 125
Bromoform	50.0	54.44		ug/L		109	70 - 130
Bromomethane	50.0	56.77		ug/L		114	60 - 140
Carbon disulfide	50.0	52.26		ug/L		105	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-199006/3
Matrix: Water
Analysis Batch: 199006

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon tetrachloride	50.0	49.83		ug/L		100	70 - 125
Chlorobenzene	50.0	46.34		ug/L		93	82 - 135
Chlorodibromomethane	50.0	50.10		ug/L		100	73 - 125
Chloroethane	50.0	58.40		ug/L		117	60 - 140
Chloroform	50.0	43.68		ug/L		87	70 - 121
Chloromethane	50.0	49.37		ug/L		99	60 - 140
Chloroprene	50.0	53.02		ug/L		106	70 - 130
cis-1,2-Dichloroethene	50.0	46.29		ug/L		93	75 - 125
cis-1,3-Dichloropropene	50.0	55.65		ug/L		111	74 - 125
Cumene (isopropylbenzene)	50.0	57.11		ug/L		114	75 - 125
Cyclohexane	50.0	45.36		ug/L		91	70 - 130
Dibromomethane	50.0	49.01		ug/L		98	69 - 127
Dichlorodifluoromethane	50.0	46.61		ug/L		93	50 - 150
Ethyl methacrylate	50.0	43.10		ug/L		86	70 - 130
Ethylbenzene	50.0	49.25		ug/L		99	75 - 125
Hexane	50.0	49.84		ug/L		100	72 - 125
Iodomethane	50.0	61.63		ug/L		123	75 - 125
Isobutanol	1240	1325		ug/L		107	60 - 140
Methacrylonitrile	500	487.7		ug/L		98	70 - 130
Methyl methacrylate	100	95.61		ug/L		96	70 - 130
Methyl tert-butyl ether	50.0	48.28		ug/L		97	65 - 135
Methylene Chloride	50.0	45.42		ug/L		91	71 - 125
Propionitrile	500	441.2		ug/L		88	70 - 130
Propylbenzene	50.0	49.86		ug/L		100	75 - 125
Styrene	50.0	49.87		ug/L		100	75 - 125
Tetrachloroethene	50.0	46.35		ug/L		93	71 - 125
Tetrahydrofuran	100	84.46		ug/L		84	75 - 125
Toluene	50.0	44.50		ug/L		89	75 - 130
trans-1,2-Dichloroethene	50.0	48.11		ug/L		96	75 - 125
trans-1,3-Dichloropropene	50.0	50.48		ug/L		101	66 - 125
trans-1,4-Dichloro-2-butene	50.0	46.43		ug/L		93	70 - 130
Trichloroethene	50.0	48.90		ug/L		98	75 - 135
Trichlorofluoromethane	50.0	50.66		ug/L		101	60 - 140
Vinyl acetate	250	271.0		ug/L		108	60 - 140
Vinyl chloride	50.0	51.10		ug/L		102	60 - 140
Xylenes, Total	100	107.0		ug/L		107	75 - 125
m,p-Xylenes	0.0500	0.05182		mg/L		104	75 - 125
o-Xylene	0.0500	0.05522		mg/L		110	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 131*
Toluene-d8 (Surr)	*93*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-199006/4
Matrix: Water
Analysis Batch: 199006

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	47.57		ug/L		95	72 - 125	1	25
1,1,1-Trichloroethane			50.0	46.93		ug/L		94	70 - 130	2	25
1,1,2,2-Tetrachloroethane			50.0	43.33		ug/L		87	74 - 125	8	25
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	53.68		ug/L		107	60 - 140	16	25
1,1,2-Trichloroethane			50.0	44.94		ug/L		90	75 - 130	9	25
1,1-Dichloroethane			50.0	46.54		ug/L		93	71 - 130	2	25
1,1-Dichloroethene			50.0	41.84		ug/L		84	50 - 150	0	25
1,2,3-Trichloropropane			50.0	45.30		ug/L		91	75 - 125	3	25
1,2,4-Trimethylbenzene			50.0	55.02		ug/L		110	75 - 125	2	25
1,2-Dibromo-3-Chloropropane			50.0	49.39		ug/L		99	59 - 125	0	25
1,2-Dibromoethane			50.0	48.40		ug/L		97	73 - 125	2	25
1,2-Dichloroethane			50.0	47.88		ug/L		96	72 - 130	2	25
1,2-Dichloropropane			50.0	46.43		ug/L		93	74 - 125	6	25
1,3,5-Trimethylbenzene			50.0	54.68		ug/L		109	60 - 140	2	25
1,3-Butadiene			50.0	46.28		ug/L		93	60 - 150	2	25
2,2,4-Trimethylpentane			50.0	46.54		ug/L		93	70 - 130	7	25
2-Butanone (MEK)			250	230.8		ug/L		92	60 - 140	0	25
2-Hexanone (MBK)			250	253.4		ug/L		101	60 - 140	5	25
2-Propanol			500	580.2		ug/L		116	70 - 120	0	25
3-Chloropropene (Allyl Chloride)			50.0	41.49		ug/L		83	70 - 130	24	25
4-Methyl-2-pentanone			250	286.2		ug/L		114	60 - 140	4	25
Acetone			250	239.5		ug/L		96	60 - 140	6	25
Acetonitrile			500	499.5		ug/L		100	60 - 140	8	25
Acrolein			250	160.3		ug/L		64	60 - 140	7	25
Acrylonitrile			500	454.6		ug/L		91	60 - 140	3	25
alpha-Chlorotoluene			50.0	60.22		ug/L		120	75 - 125	3	25
Benzene			50.0	45.57		ug/L		91	75 - 125	1	25
Bromodichloromethane			50.0	50.03		ug/L		100	75 - 125	2	25
Bromoform			50.0	54.55		ug/L		109	70 - 130	0	25
Bromomethane			50.0	53.61		ug/L		107	60 - 140	6	25
Carbon disulfide			50.0	50.41		ug/L		101	60 - 140	4	25
Carbon tetrachloride			50.0	48.82		ug/L		98	70 - 125	2	25
Chlorobenzene			50.0	46.70		ug/L		93	82 - 135	1	25
Chlorodibromomethane			50.0	51.48		ug/L		103	73 - 125	3	25
Chloroethane			50.0	53.99		ug/L		108	60 - 140	8	25
Chloroform			50.0	43.78		ug/L		88	70 - 121	0	25
Chloromethane			50.0	47.60		ug/L		95	60 - 140	4	25
Chloroprene			50.0	50.73		ug/L		101	70 - 130	4	25
cis-1,2-Dichloroethene			50.0	45.56		ug/L		91	75 - 125	2	25
cis-1,3-Dichloropropene			50.0	56.01		ug/L		112	74 - 125	1	25
Cumene (isopropylbenzene)			50.0	56.08		ug/L		112	75 - 125	2	25
Cyclohexane			50.0	45.30		ug/L		91	70 - 130	0	25
Dibromomethane			50.0	50.28		ug/L		101	69 - 127	3	25
Dichlorodifluoromethane			50.0	44.34		ug/L		89	50 - 150	5	25
Ethyl methacrylate			50.0	43.73		ug/L		87	70 - 130	1	25
Ethylbenzene			50.0	50.05		ug/L		100	75 - 125	2	25
Hexane			50.0	48.27		ug/L		97	72 - 125	3	25
Iodomethane			50.0	62.61		ug/L		125	75 - 125	2	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-199006/4
Matrix: Water
Analysis Batch: 199006

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isobutanol			1240	1385		ug/L		112	60 - 140	4	25
Methacrylonitrile			500	493.7		ug/L		99	70 - 130	1	25
Methyl methacrylate			100	96.39		ug/L		96	70 - 130	1	25
Methyl tert-butyl ether			50.0	48.37		ug/L		97	65 - 135	0	25
Methylene Chloride			50.0	44.44		ug/L		89	71 - 125	2	25
Propionitrile			500	426.5		ug/L		85	70 - 130	3	25
Propylbenzene			50.0	50.88		ug/L		102	75 - 125	2	25
Styrene			50.0	49.75		ug/L		99	75 - 125	0	25
Tetrachloroethene			50.0	48.70		ug/L		97	71 - 125	5	25
Tetrahydrofuran			100	84.98		ug/L		85	75 - 125	1	25
Toluene			50.0	45.35		ug/L		91	75 - 130	2	25
trans-1,2-Dichloroethene			50.0	48.31		ug/L		97	75 - 125	0	25
trans-1,3-Dichloropropene			50.0	52.31		ug/L		105	66 - 125	4	25
trans-1,4-Dichloro-2-butene			50.0	47.00		ug/L		94	70 - 130	1	25
Trichloroethene			50.0	50.76		ug/L		102	75 - 135	4	25
Trichlorofluoromethane			50.0	53.85		ug/L		108	60 - 140	6	25
Vinyl acetate			250	261.9		ug/L		105	60 - 140	3	25
Vinyl chloride			50.0	55.41		ug/L		111	60 - 140	8	25
Xylenes, Total			100	108.6		ug/L		109	75 - 125	1	25
m,p-Xylenes			0.0500	0.05402		mg/L		108	75 - 125	4	25
o-Xylene			0.0500	0.05462		mg/L		109	75 - 125	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*
Dibromofluoromethane (Surr)	*92*		*75 - 131*
Toluene-d8 (Surr)	*95*		*80 - 120*

Lab Sample ID: MB 860-199129/9
Matrix: Water
Analysis Batch: 199129

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 10:10	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 10:10	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 10:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/12/24 10:10	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 10:10	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 10:10	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 10:10	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 10:10	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 10:10	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 10:10	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 10:10	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 10:10	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 10:10	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 10:10	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 10:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-199129/9
Matrix: Water
Analysis Batch: 199129

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/12/24 10:10	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 10:10	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 10:10	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/12/24 10:10	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 10:10	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 10:10	1
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 10:10	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 10:10	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 10:10	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 10:10	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 10:10	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/12/24 10:10	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 10:10	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 10:10	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/12/24 10:10	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 10:10	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 10:10	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 10:10	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 10:10	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 10:10	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 10:10	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 10:10	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 10:10	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 10:10	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 10:10	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/12/24 10:10	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 10:10	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 10:10	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 10:10	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 10:10	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/12/24 10:10	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/12/24 10:10	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 10:10	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/12/24 10:10	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 10:10	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 10:10	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 10:10	1
Methylene Chloride	4.642	J	5.00	1.73	ug/L			11/12/24 10:10	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 10:10	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 10:10	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 10:10	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 10:10	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 10:10	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 10:10	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 10:10	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 10:10	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 10:10	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 10:10	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 10:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-199129/9
Matrix: Water
Analysis Batch: 199129

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 10:10	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 10:10	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 10:10	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 10:10	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 10:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*11/12/24 10:10*	*1*
4-Bromofluorobenzene (Surr)	*107*		*74 - 124*		*11/12/24 10:10*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 131*		*11/12/24 10:10*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/12/24 10:10*	*1*

Lab Sample ID: LCS 860-199129/3
Matrix: Water
Analysis Batch: 199129

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	47.43		ug/L		95	72 - 125
1,1,1-Trichloroethane	50.0	45.33		ug/L		91	70 - 130
1,1,2,2-Tetrachloroethane	50.0	50.63		ug/L		101	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.57		ug/L		89	60 - 140
1,1,2-Trichloroethane	50.0	43.38		ug/L		87	75 - 130
1,1-Dichloroethane	50.0	48.11		ug/L		96	71 - 130
1,1-Dichloroethene	50.0	44.84		ug/L		90	50 - 150
1,2,3-Trichloropropane	50.0	52.04		ug/L		104	75 - 125
1,2,4-Trimethylbenzene	50.0	50.30		ug/L		101	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	50.38		ug/L		101	59 - 125
1,2-Dibromoethane	50.0	50.42		ug/L		101	73 - 125
1,2-Dichloroethane	50.0	49.74		ug/L		99	72 - 130
1,2-Dichloropropane	50.0	45.07		ug/L		90	74 - 125
1,3,5-Trimethylbenzene	50.0	50.82		ug/L		102	60 - 140
1,3-Butadiene	50.0	44.17		ug/L		88	60 - 150
2,2,4-Trimethylpentane	50.0	50.84		ug/L		102	70 - 130
2-Butanone (MEK)	250	263.0		ug/L		105	60 - 140
2-Hexanone (MBK)	250	258.6		ug/L		103	60 - 140
2-Propanol	500	435.1		ug/L		87	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	48.83		ug/L		98	70 - 130
4-Methyl-2-pentanone	250	260.2		ug/L		104	60 - 140
Acetone	250	259.1		ug/L		104	60 - 140
Acetonitrile	500	488.3		ug/L		98	60 - 140
Acrolein	250	282.9		ug/L		113	60 - 140
Acrylonitrile	500	518.2		ug/L		104	60 - 140
alpha-Chlorotoluene	50.0	53.56		ug/L		107	75 - 125
Benzene	50.0	49.10		ug/L		98	75 - 125
Bromodichloromethane	50.0	47.04		ug/L		94	75 - 125
Bromoform	50.0	42.93		ug/L		86	70 - 130
Bromomethane	50.0	46.18		ug/L		92	60 - 140
Carbon disulfide	50.0	42.96		ug/L		86	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-199129/3
Matrix: Water
Analysis Batch: 199129

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon tetrachloride	50.0	44.89		ug/L		90	70 - 125
Chlorobenzene	50.0	48.62		ug/L		97	82 - 135
Chlorodibromomethane	50.0	45.73		ug/L		91	73 - 125
Chloroethane	50.0	46.44		ug/L		93	60 - 140
Chloroform	50.0	47.54		ug/L		95	70 - 121
Chloromethane	50.0	48.03		ug/L		96	60 - 140
Chloroprene	50.0	54.28		ug/L		109	70 - 130
cis-1,2-Dichloroethene	50.0	48.31		ug/L		97	75 - 125
cis-1,3-Dichloropropene	50.0	50.80		ug/L		102	74 - 125
Cumene (isopropylbenzene)	50.0	48.72		ug/L		97	75 - 125
Cyclohexane	50.0	46.56		ug/L		93	70 - 130
Dibromomethane	50.0	47.09		ug/L		94	69 - 127
Dichlorodifluoromethane	50.0	29.82		ug/L		60	50 - 150
Ethyl methacrylate	50.0	49.81		ug/L		100	70 - 130
Ethylbenzene	50.0	49.32		ug/L		99	75 - 125
Hexane	50.0	47.81		ug/L		96	72 - 125
Iodomethane	50.0	31.01	*-	ug/L		62	75 - 125
Isobutanol	1240	1157		ug/L		93	60 - 140
Methacrylonitrile	500	558.0		ug/L		112	70 - 130
Methyl methacrylate	100	106.8		ug/L		107	70 - 130
Methyl tert-butyl ether	50.0	51.61		ug/L		103	65 - 135
Methylene Chloride	50.0	47.95		ug/L		96	71 - 125
Propionitrile	500	523.4		ug/L		105	70 - 130
Propylbenzene	50.0	51.72		ug/L		103	75 - 125
Styrene	50.0	49.21		ug/L		98	75 - 125
Tetrachloroethene	50.0	41.82		ug/L		84	71 - 125
Tetrahydrofuran	100	100.0		ug/L		100	75 - 125
Toluene	50.0	48.49		ug/L		97	75 - 130
trans-1,2-Dichloroethene	50.0	50.15		ug/L		100	75 - 125
trans-1,3-Dichloropropene	50.0	50.62		ug/L		101	66 - 125
trans-1,4-Dichloro-2-butene	50.0	48.95		ug/L		98	70 - 130
Trichloroethene	50.0	41.91		ug/L		84	75 - 135
Trichlorofluoromethane	50.0	54.36		ug/L		109	60 - 140
Vinyl acetate	250	310.3		ug/L		124	60 - 140
Vinyl chloride	50.0	47.77		ug/L		96	60 - 140
Xylenes, Total	100	98.24		ug/L		98	75 - 125
m,p-Xylenes	0.0500	0.04880		mg/L		98	75 - 125
o-Xylene	0.0500	0.04944		mg/L		99	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*
Dibromofluoromethane (Surr)	*106*		*75 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-199129/4
Matrix: Water
Analysis Batch: 199129

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	46.61		ug/L		93	72 - 125	2	25
1,1,1-Trichloroethane			50.0	44.27		ug/L		89	70 - 130	2	25
1,1,2,2-Tetrachloroethane			50.0	49.13		ug/L		98	74 - 125	3	25
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	43.21		ug/L		86	60 - 140	3	25
1,1,2-Trichloroethane			50.0	42.67		ug/L		85	75 - 130	2	25
1,1-Dichloroethane			50.0	47.66		ug/L		95	71 - 130	1	25
1,1-Dichloroethene			50.0	44.43		ug/L		89	50 - 150	1	25
1,2,3-Trichloropropane			50.0	51.18		ug/L		102	75 - 125	2	25
1,2,4-Trimethylbenzene			50.0	50.00		ug/L		100	75 - 125	1	25
1,2-Dibromo-3-Chloropropane			50.0	48.48		ug/L		97	59 - 125	4	25
1,2-Dibromoethane			50.0	49.23		ug/L		98	73 - 125	2	25
1,2-Dichloroethane			50.0	49.49		ug/L		99	72 - 130	0	25
1,2-Dichloropropane			50.0	45.77		ug/L		92	74 - 125	2	25
1,3,5-Trimethylbenzene			50.0	50.17		ug/L		100	60 - 140	1	25
1,3-Butadiene			50.0	42.76		ug/L		86	60 - 150	3	25
2,2,4-Trimethylpentane			50.0	50.98		ug/L		102	70 - 130	0	25
2-Butanone (MEK)			250	249.3		ug/L		100	60 - 140	5	25
2-Hexanone (MBK)			250	248.9		ug/L		100	60 - 140	4	25
2-Propanol			500	444.9		ug/L		89	70 - 120	2	25
3-Chloropropene (Allyl Chloride)			50.0	47.36		ug/L		95	70 - 130	3	25
4-Methyl-2-pentanone			250	252.2		ug/L		101	60 - 140	3	25
Acetone			250	254.4		ug/L		102	60 - 140	2	25
Acetonitrile			500	473.6		ug/L		95	60 - 140	3	25
Acrolein			250	261.0		ug/L		104	60 - 140	8	25
Acrylonitrile			500	498.4		ug/L		100	60 - 140	4	25
alpha-Chlorotoluene			50.0	52.22		ug/L		104	75 - 125	3	25
Benzene			50.0	48.52		ug/L		97	75 - 125	1	25
Bromodichloromethane			50.0	46.97		ug/L		94	75 - 125	0	25
Bromoform			50.0	42.78		ug/L		86	70 - 130	0	25
Bromomethane			50.0	45.16		ug/L		90	60 - 140	2	25
Carbon disulfide			50.0	42.22		ug/L		84	60 - 140	2	25
Carbon tetrachloride			50.0	44.58		ug/L		89	70 - 125	1	25
Chlorobenzene			50.0	47.88		ug/L		96	82 - 135	2	25
Chlorodibromomethane			50.0	45.66		ug/L		91	73 - 125	0	25
Chloroethane			50.0	44.38		ug/L		89	60 - 140	5	25
Chloroform			50.0	46.72		ug/L		93	70 - 121	2	25
Chloromethane			50.0	46.09		ug/L		92	60 - 140	4	25
Chloroprene			50.0	52.99		ug/L		106	70 - 130	2	25
cis-1,2-Dichloroethene			50.0	47.47		ug/L		95	75 - 125	2	25
cis-1,3-Dichloropropene			50.0	50.37		ug/L		101	74 - 125	1	25
Cumene (isopropylbenzene)			50.0	48.01		ug/L		96	75 - 125	1	25
Cyclohexane			50.0	45.38		ug/L		91	70 - 130	3	25
Dibromomethane			50.0	46.67		ug/L		93	69 - 127	1	25
Dichlorodifluoromethane			50.0	29.59		ug/L		59	50 - 150	1	25
Ethyl methacrylate			50.0	48.76		ug/L		98	70 - 130	2	25
Ethylbenzene			50.0	48.41		ug/L		97	75 - 125	2	25
Hexane			50.0	46.77		ug/L		94	72 - 125	2	25
Iodomethane			50.0	32.74	*-	ug/L		65	75 - 125	5	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-199129/4
Matrix: Water
Analysis Batch: 199129

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isobutanol			1240	1112		ug/L		90	60 - 140	4	25
Methacrylonitrile			500	538.9		ug/L		108	70 - 130	3	25
Methyl methacrylate			100	104.6		ug/L		105	70 - 130	2	25
Methyl tert-butyl ether			50.0	51.38		ug/L		103	65 - 135	0	25
Methylene Chloride			50.0	47.99		ug/L		96	71 - 125	0	25
Propionitrile			500	505.8		ug/L		101	70 - 130	3	25
Propylbenzene			50.0	51.35		ug/L		103	75 - 125	1	25
Styrene			50.0	49.08		ug/L		98	75 - 125	0	25
Tetrachloroethene			50.0	41.47		ug/L		83	71 - 125	1	25
Tetrahydrofuran			100	91.64		ug/L		92	75 - 125	9	25
Toluene			50.0	48.01		ug/L		96	75 - 130	1	25
trans-1,2-Dichloroethene			50.0	47.80		ug/L		96	75 - 125	5	25
trans-1,3-Dichloropropene			50.0	50.37		ug/L		101	66 - 125	0	25
trans-1,4-Dichloro-2-butene			50.0	49.74		ug/L		99	70 - 130	2	25
Trichloroethene			50.0	41.59		ug/L		83	75 - 135	1	25
Trichlorofluoromethane			50.0	53.39		ug/L		107	60 - 140	2	25
Vinyl acetate			250	292.9		ug/L		117	60 - 140	6	25
Vinyl chloride			50.0	46.52		ug/L		93	60 - 140	3	25
Xylenes, Total			100	96.28		ug/L		96	75 - 125	2	25
m,p-Xylenes			0.0500	0.04780		mg/L		96	75 - 125	2	25
o-Xylene			0.0500	0.04848		mg/L		97	75 - 125	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*
Dibromofluoromethane (Surr)	*106*		*75 - 131*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 860-85968-C-1 MS
Matrix: Water
Analysis Batch: 199129

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.644	U	50.0	47.12		ug/L		94	72 - 125
1,1,1-Trichloroethane	<0.585	U	50.0	45.13		ug/L		90	75 - 125
1,1,2,2-Tetrachloroethane	<0.470	U	50.0	48.89		ug/L		98	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	50.0	38.95		ug/L		78	60 - 140
1,1,2-Trichloroethane	<0.411	U	50.0	41.78		ug/L		84	75 - 127
1,1-Dichloroethane	<0.635	U	50.0	48.41		ug/L		97	72 - 125
1,1-Dichloroethene	<0.738	U	50.0	43.45		ug/L		87	59 - 172
1,2,3-Trichloropropane	<0.470	U	50.0	50.29		ug/L		101	75 - 125
1,2,4-Trimethylbenzene	<0.417	U	50.0	50.25		ug/L		101	75 - 125
1,2-Dibromo-3-Chloropropane	<0.671	U	50.0	49.20		ug/L		98	59 - 125
1,2-Dibromoethane	<0.999	U	50.0	47.49		ug/L		95	73 - 125
1,2-Dichloroethane	<0.372	U	50.0	48.38		ug/L		97	68 - 127
1,2-Dichloropropane	2.04	J	50.0	47.03		ug/L		90	74 - 125
1,3,5-Trimethylbenzene	<0.411	U	50.0	50.40		ug/L		101	70 - 125
1,3-Butadiene	<0.568	U	50.0	59.57		ug/L		119	70 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-85968-C-1 MS
Matrix: Water
Analysis Batch: 199129

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,2,4-Trimethylpentane	<0.500	U	50.0	48.02		ug/L		96	70 - 130
2-Butanone (MEK)	<8.28	U	250	241.5		ug/L		97	60 - 140
2-Hexanone (MBK)	<5.00	U	250	234.5		ug/L		94	60 - 140
2-Propanol	<5.23	U	500	419.7		ug/L		84	70 - 120
3-Chloropropene (Allyl Chloride)	<0.597	U	50.0	48.11		ug/L		96	70 - 130
4-Methyl-2-pentanone	<5.00	U	250	241.8		ug/L		97	60 - 140
Acetone	<3.07	U	250	230.7		ug/L		92	60 - 140
Acetonitrile	<14.6	U	500	481.1		ug/L		96	60 - 140
Acrolein	<11.1	U	250	254.2		ug/L		102	50 - 150
Acrylonitrile	<14.3	U	500	484.5		ug/L		97	50 - 150
alpha-Chlorotoluene	<2.26	U	50.0	53.12		ug/L		106	70 - 130
Benzene	0.657	J	50.0	49.44		ug/L		98	66 - 142
Bromodichloromethane	<0.552	U	50.0	46.75		ug/L		94	75 - 125
Bromoform	<0.633	U	50.0	40.72		ug/L		81	75 - 125
Bromomethane	<1.42	U	50.0	56.53		ug/L		113	60 - 140
Carbon disulfide	<1.65	U	50.0	40.29		ug/L		81	60 - 140
Carbon tetrachloride	1.66	J	50.0	47.32		ug/L		91	62 - 125
Chlorobenzene	2.51		50.0	49.37		ug/L		94	60 - 133
Chlorodibromomethane	<0.547	U	50.0	43.68		ug/L		87	73 - 125
Chloroethane	<1.98	U	50.0	62.80		ug/L		126	60 - 140
Chloroform	1.27		50.0	48.78		ug/L		95	70 - 130
Chloromethane	<2.04	U	50.0	68.98		ug/L		138	60 - 140
Chloroprene	<0.598	U	50.0	53.21		ug/L		106	70 - 130
cis-1,2-Dichloroethene	1.11		50.0	49.06		ug/L		96	75 - 125
cis-1,3-Dichloropropene	<1.07	U	50.0	50.41		ug/L		101	74 - 125
Cumene (isopropylbenzene)	<0.592	U	50.0	47.90		ug/L		96	75 - 125
Cyclohexane	<1.29	U	50.0	45.53		ug/L		91	70 - 130
Dibromomethane	<0.357	U	50.0	45.42		ug/L		91	69 - 127
Dichlorodifluoromethane	<0.785	U F1	50.0	77.51	F1	ug/L		155	70 - 130
Ethyl methacrylate	<1.12	U	50.0	47.23		ug/L		94	70 - 130
Ethylbenzene	<0.385	U	50.0	48.52		ug/L		97	75 - 125
Hexane	<0.517	U	50.0	44.26		ug/L		89	72 - 125
Iodomethane	<5.00	U *-	50.0	38.43		ug/L		77	75 - 125
Isobutanol	<17.1	U	1240	1104		ug/L		89	60 - 140
Methacrylonitrile	<2.72	U	500	527.0		ug/L		105	70 - 130
Methyl methacrylate	<2.25	U	100	101.7		ug/L		102	70 - 130
Methyl tert-butyl ether	<1.39	U	50.0	49.71		ug/L		99	65 - 135
Methylene Chloride	<1.73	U	50.0	46.36		ug/L		93	75 - 125
Propionitrile	<3.34	U	500	497.7		ug/L		100	70 - 130
Propylbenzene	<0.429	U	50.0	52.24		ug/L		104	75 - 125
Styrene	<0.619	U F1	50.0	28.96	F1	ug/L		58	75 - 125
Tetrachloroethene	107	F1	50.0	101.2	F1	ug/L		-12	71 - 125
Tetrahydrofuran	<1.83	U	100	96.15		ug/L		96	75 - 125
Toluene	<0.475	U	50.0	47.43		ug/L		95	59 - 139
trans-1,2-Dichloroethene	<0.368	U	50.0	47.35		ug/L		95	75 - 125
trans-1,3-Dichloropropene	<1.27	U	50.0	48.74		ug/L		97	66 - 125
trans-1,4-Dichloro-2-butene	<1.35	U	50.0	49.06		ug/L		98	70 - 130
Trichloroethene	5.97		50.0	45.78		ug/L		80	62 - 137
Trichlorofluoromethane	<0.560	U	50.0	67.19		ug/L		134	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-85968-C-1 MS
Matrix: Water
Analysis Batch: 199129

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Vinyl acetate	<2.14	U	250	249.1		ug/L		100	60 - 140
Vinyl chloride	<0.428	U F1	50.0	70.94	F1	ug/L		142	60 - 140
Xylenes, Total	<1.24	U	100	96.14		ug/L		96	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.04773		mg/L		95	75 - 125
o-Xylene	<0.000502	U	0.0500	0.04841		mg/L		97	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*
4-Bromofluorobenzene (Surr)	*108*		*74 - 124*
Dibromofluoromethane (Surr)	*108*		*75 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS - DL

Lab Sample ID: 860-86517-7 MS
Matrix: Water
Analysis Batch: 199006

Client Sample ID: MW-66
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane - DL	<32.2	U	2500	2465		ug/L		99	72 - 125
1,1,1-Trichloroethane - DL	<29.3	U	2500	2406		ug/L		96	75 - 125
1,1,2,2-Tetrachloroethane - DL	<23.5	U	2500	2091		ug/L		84	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane - DL	<55.5	U	2500	2486		ug/L		99	60 - 140
1,1,2-Trichloroethane - DL	<20.6	U	2500	2201		ug/L		88	75 - 127
1,1-Dichloroethane - DL	<31.8	U	2500	2231		ug/L		89	72 - 125
1,1-Dichloroethene - DL	<36.9	U	2500	2242		ug/L		90	59 - 172
1,2,3-Trichloropropane - DL	<23.5	U	2500	2116		ug/L		85	75 - 125
1,2,4-Trimethylbenzene - DL	156		2500	2899		ug/L		110	75 - 125
1,2-Dibromo-3-Chloropropane - DL	<33.6	U	2500	2366		ug/L		95	59 - 125
1,2-Dibromoethane - DL	<50.0	U	2500	2364		ug/L		95	73 - 125
1,2-Dichloroethane - DL	<18.6	U	2500	2584		ug/L		103	68 - 127
1,2-Dichloropropane - DL	<27.8	U	2500	2227		ug/L		89	74 - 125
1,3,5-Trimethylbenzene - DL	67.3		2500	2685		ug/L		105	70 - 125
1,3-Butadiene - DL	<28.4	U F1	2500	1577	F1	ug/L		63	70 - 150
2,2,4-Trimethylpentane - DL	<25.0	U	2500	1927		ug/L		77	70 - 130
2-Butanone (MEK) - DL	<414	U	12500	10910		ug/L		87	60 - 140
2-Hexanone (MBK) - DL	<250	U	12500	12760		ug/L		102	60 - 140
2-Propanol - DL	<261	U	25000	25650		ug/L		103	70 - 120
3-Chloropropene (Allyl Chloride) - DL	<29.9	U F1	2500	1379	F1	ug/L		55	70 - 130
4-Methyl-2-pentanone - DL	<250	U	12500	15300		ug/L		122	60 - 140
Acetone - DL	<153	U	12500	10940		ug/L		87	60 - 140
Acetonitrile - DL	<730	U	25000	26170		ug/L		105	60 - 140
Acrolein - DL	<556	U *-	12500	9064		ug/L		73	50 - 150
Acrylonitrile - DL	<716	U	25000	22550		ug/L		90	50 - 150
alpha-Chlorotoluene - DL	<113	U	2500	2851		ug/L		114	70 - 130
Benzene - DL	1800		2500	4206		ug/L		96	66 - 142

Method: 8260D - Volatile Organic Compounds by GC/MS - DL (Continued)

Lab Sample ID: 860-86517-7 MS
Matrix: Water
Analysis Batch: 199006

Client Sample ID: MW-66
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane - DL	<27.6	U	2500	2614		ug/L		105	75 - 125
Bromoform - DL	<31.7	U	2500	2771		ug/L		111	75 - 125
Bromomethane - DL	<71.0	U	2500	2160		ug/L		86	60 - 140
Carbon disulfide - DL	<82.5	U	2500	2220		ug/L		89	60 - 140
Carbon tetrachloride - DL	<44.8	U	2500	2535		ug/L		101	62 - 125
Chlorobenzene - DL	<22.8	U	2500	2377		ug/L		95	60 - 133
Chlorodibromomethane - DL	<27.4	U	2500	2501		ug/L		100	73 - 125
Chloroethane - DL	<99.2	U	2500	2209		ug/L		88	60 - 140
Chloroform - DL	<23.2	U	2500	2289		ug/L		92	70 - 130
Chloromethane - DL	<102	U F1	2500	1426	F1	ug/L		57	60 - 140
Chloroprene - DL	<29.9	U	2500	2672		ug/L		107	70 - 130
cis-1,2-Dichloroethene - DL	<22.9	U	2500	2333		ug/L		93	75 - 125
cis-1,3-Dichloropropene - DL	<53.4	U	2500	2873		ug/L		115	74 - 125
Cumene (isopropylbenzene) - DL	<29.6	U	2500	2878		ug/L		115	75 - 125
Cyclohexane - DL	266		2500	2445		ug/L		87	70 - 130
Dibromomethane - DL	<17.9	U	2500	2525		ug/L		101	69 - 127
Dichlorodifluoromethane - DL	<39.3	U F1	2500	1003	F1	ug/L		40	70 - 130
Ethyl methacrylate - DL	<55.9	U	2500	2171		ug/L		87	70 - 130
Ethylbenzene - DL	325		2500	2894		ug/L		103	75 - 125
Hexane - DL	52.3	J	2500	2101		ug/L		82	72 - 125
Iodomethane - DL	<250	U	2500	2640		ug/L		106	75 - 125
Isobutanol - DL	<855	U F1 *+	62000	138100	F1	ug/L		223	60 - 140
Methacrylonitrile - DL	<136	U	25000	24600		ug/L		98	70 - 130
Methyl methacrylate - DL	<113	U F1 *-	5000	1315	F1	ug/L		26	70 - 130
Methyl tert-butyl ether - DL	<69.6	U	2500	2332		ug/L		93	65 - 135
Methylene Chloride - DL	<86.3	U	2500	2236		ug/L		89	75 - 125
Propionitrile - DL	<167	U	25000	22640		ug/L		91	70 - 130
Propylbenzene - DL	39.3	J	2500	2486		ug/L		98	75 - 125
Styrene - DL	<31.0	U	2500	2490		ug/L		100	75 - 125
Tetrachloroethene - DL	<32.8	U	2500	2459		ug/L		98	71 - 125
Tetrahydrofuran - DL	<91.7	U	5000	4189		ug/L		84	75 - 125
Toluene - DL	48.0	J	2500	2301		ug/L		90	59 - 139
trans-1,2-Dichloroethene - DL	<18.4	U	2500	2359		ug/L		94	75 - 125
trans-1,3-Dichloropropene - DL	<63.4	U	2500	2574		ug/L		103	66 - 125
trans-1,4-Dichloro-2-butene - DL	<67.5	U	2500	2325		ug/L		93	70 - 130
Trichloroethene - DL	<75.0	U	2500	2554		ug/L		102	62 - 137
Trichlorofluoromethane - DL	<28.0	U	2500	2355		ug/L		94	60 - 140
Vinyl acetate - DL	<107	U	12500	13280		ug/L		106	60 - 140
Vinyl chloride - DL	<21.4	U	2500	1891		ug/L		76	60 - 140
Xylenes, Total - DL	439	J	5000	5973		ug/L		111	75 - 125
m,p-Xylenes - DL	0.439	J	2.50	3.182		mg/L		110	75 - 125
o-Xylene - DL	<0.0251	U	2.50	2.791		mg/L		112	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr) - DL	*104*		*63 - 144*
4-Bromofluorobenzene (Surr) - DL	*95*		*74 - 124*

Method: 8260D - Volatile Organic Compounds by GC/MS - DL (Continued)

Lab Sample ID: 860-86517-7 MS
Matrix: Water
Analysis Batch: 199006

Client Sample ID: MW-66
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr) - DL	*94*		*75 - 131*
Toluene-d8 (Surr) - DL	*93*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-199125/1-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199125

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/12/24 06:44	11/13/24 04:32	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/12/24 06:44	11/13/24 04:32	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/12/24 06:44	11/13/24 04:32	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/12/24 06:44	11/13/24 04:32	1
2,2'-oxybis[1-chloropropane]	1.839	J I	2.86	1.43	ug/L		11/12/24 06:44	11/13/24 04:32	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/12/24 06:44	11/13/24 04:32	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/12/24 06:44	11/13/24 04:32	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/12/24 06:44	11/13/24 04:32	1
2,4-Dimethylphenol	<0.192	U	0.571	0.192	ug/L		11/12/24 06:44	11/13/24 04:32	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		11/12/24 06:44	11/13/24 04:32	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/12/24 06:44	11/13/24 04:32	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/12/24 06:44	11/13/24 04:32	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/12/24 06:44	11/13/24 04:32	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/12/24 06:44	11/13/24 04:32	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/12/24 06:44	11/13/24 04:32	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/12/24 06:44	11/13/24 04:32	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/12/24 06:44	11/13/24 04:32	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/12/24 06:44	11/13/24 04:32	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/12/24 06:44	11/13/24 04:32	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/12/24 06:44	11/13/24 04:32	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/12/24 06:44	11/13/24 04:32	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	11/13/24 04:32	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/12/24 06:44	11/13/24 04:32	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/12/24 06:44	11/13/24 04:32	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/12/24 06:44	11/13/24 04:32	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/12/24 06:44	11/13/24 04:32	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/12/24 06:44	11/13/24 04:32	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/12/24 06:44	11/13/24 04:32	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/12/24 06:44	11/13/24 04:32	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/12/24 06:44	11/13/24 04:32	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/12/24 06:44	11/13/24 04:32	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/12/24 06:44	11/13/24 04:32	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/12/24 06:44	11/13/24 04:32	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/12/24 06:44	11/13/24 04:32	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/12/24 06:44	11/13/24 04:32	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		11/12/24 06:44	11/13/24 04:32	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/12/24 06:44	11/13/24 04:32	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/12/24 06:44	11/13/24 04:32	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199125/1-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199125

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/12/24 06:44	11/13/24 04:32	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/12/24 06:44	11/13/24 04:32	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/12/24 06:44	11/13/24 04:32	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/12/24 06:44	11/13/24 04:32	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		11/12/24 06:44	11/13/24 04:32	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/12/24 06:44	11/13/24 04:32	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/12/24 06:44	11/13/24 04:32	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/12/24 06:44	11/13/24 04:32	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/12/24 06:44	11/13/24 04:32	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/12/24 06:44	11/13/24 04:32	1
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/12/24 06:44	11/13/24 04:32	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/12/24 06:44	11/13/24 04:32	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/12/24 06:44	11/13/24 04:32	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/12/24 06:44	11/13/24 04:32	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/12/24 06:44	11/13/24 04:32	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	11/13/24 04:32	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/12/24 06:44	11/13/24 04:32	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		11/12/24 06:44	11/13/24 04:32	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/12/24 06:44	11/13/24 04:32	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/12/24 06:44	11/13/24 04:32	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/12/24 06:44	11/13/24 04:32	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/12/24 06:44	11/13/24 04:32	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/12/24 06:44	11/13/24 04:32	1
Phenol	0.8931	J	2.86	0.448	ug/L		11/12/24 06:44	11/13/24 04:32	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/12/24 06:44	11/13/24 04:32	1
Pyridine	<1.44	U	2.86	1.44	ug/L		11/12/24 06:44	11/13/24 04:32	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/12/24 06:44	11/13/24 04:32	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/12/24 06:44	11/13/24 04:32	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/12/24 06:44	11/13/24 04:32	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/12/24 06:44	11/13/24 04:32	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/12/24 06:44	11/13/24 04:32	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		11/12/24 06:44	11/13/24 04:32	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/12/24 06:44	11/13/24 04:32	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/12/24 06:44	11/13/24 04:32	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/12/24 06:44	11/13/24 04:32	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/12/24 06:44	11/13/24 04:32	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/12/24 06:44	11/13/24 04:32	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/12/24 06:44	11/13/24 04:32	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/12/24 06:44	11/13/24 04:32	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/12/24 06:44	11/13/24 04:32	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		11/12/24 06:44	11/13/24 04:32	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/12/24 06:44	11/13/24 04:32	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/12/24 06:44	11/13/24 04:32	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/12/24 06:44	11/13/24 04:32	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/12/24 06:44	11/13/24 04:32	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/12/24 06:44	11/13/24 04:32	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/12/24 06:44	11/13/24 04:32	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/12/24 06:44	11/13/24 04:32	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/12/24 06:44	11/13/24 04:32	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199125/1-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199125

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/12/24 06:44	11/13/24 04:32	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		11/12/24 06:44	11/13/24 04:32	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		11/12/24 06:44	11/13/24 04:32	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/12/24 06:44	11/13/24 04:32	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/12/24 06:44	11/13/24 04:32	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/12/24 06:44	11/13/24 04:32	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/12/24 06:44	11/13/24 04:32	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/12/24 06:44	11/13/24 04:32	1
Dimethoate	<0.122	U	0.571	0.122	ug/L		11/12/24 06:44	11/13/24 04:32	1
Dinoseb	<0.570	U	2.86	0.570	ug/L		11/12/24 06:44	11/13/24 04:32	1
Disulfoton	<0.203	U	0.571	0.203	ug/L		11/12/24 06:44	11/13/24 04:32	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/12/24 06:44	11/13/24 04:32	1
Ethyl Parathion	<0.0502	U	0.229	0.0502	ug/L		11/12/24 06:44	11/13/24 04:32	1
Famphur	<0.151	U	1.14	0.151	ug/L		11/12/24 06:44	11/13/24 04:32	1
Hexachloropropene	<0.300	U	0.571	0.300	ug/L		11/12/24 06:44	11/13/24 04:32	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/12/24 06:44	11/13/24 04:32	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/12/24 06:44	11/13/24 04:32	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/12/24 06:44	11/13/24 04:32	1
Methapyrilene	<1.00	U	2.29	1.00	ug/L		11/12/24 06:44	11/13/24 04:32	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/12/24 06:44	11/13/24 04:32	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		11/12/24 06:44	11/13/24 04:32	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/12/24 06:44	11/13/24 04:32	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	11/13/24 04:32	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/12/24 06:44	11/13/24 04:32	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/12/24 06:44	11/13/24 04:32	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/12/24 06:44	11/13/24 04:32	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		11/12/24 06:44	11/13/24 04:32	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		11/12/24 06:44	11/13/24 04:32	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		11/12/24 06:44	11/13/24 04:32	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	11/13/24 04:32	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	11/13/24 04:32	1
Phorate	<0.221	U	0.571	0.221	ug/L		11/12/24 06:44	11/13/24 04:32	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		11/12/24 06:44	11/13/24 04:32	1
Pronamide	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	11/13/24 04:32	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/12/24 06:44	11/13/24 04:32	1
Sulfotepp	<0.147	U	0.571	0.147	ug/L		11/12/24 06:44	11/13/24 04:32	1
Thionazin	<0.208	U	1.14	0.208	ug/L		11/12/24 06:44	11/13/24 04:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*100*		*35 - 130*	*11/12/24 06:44*	*11/13/24 04:32*	*1*
2-Fluorobiphenyl	*103*		*43 - 130*	*11/12/24 06:44*	*11/13/24 04:32*	*1*
2-Fluorophenol (Surr)	*50*		*19 - 120*	*11/12/24 06:44*	*11/13/24 04:32*	*1*
Nitrobenzene-d5 (Surr)	*112*		*37 - 133*	*11/12/24 06:44*	*11/13/24 04:32*	*1*
Phenol-d5 (Surr)	*33*		*8 - 124*	*11/12/24 06:44*	*11/13/24 04:32*	*1*
p-Terphenyl-d14	*123*		*47 - 130*	*11/12/24 06:44*	*11/13/24 04:32*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199125/2-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199125

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	2.86	1.463		ug/L		51	32 - 130
1,2-Dichlorobenzene	2.86	1.515		ug/L		53	32 - 130
1,3-Dichlorobenzene	2.86	1.327		ug/L		46	26 - 130
1,4-Dichlorobenzene	2.86	1.383		ug/L		48	28 - 130
2,2'-oxybis[1-chloropropane]	2.86	5.041	I *+	ug/L		176	10 - 173
2,4,5-Trichlorophenol	2.86	3.364		ug/L		118	35 - 130
2,4,6-Trichlorophenol	2.86	2.774		ug/L		97	52 - 129
2,4-Dichlorophenol	2.86	3.166		ug/L		111	53 - 122
2,4-Dimethylphenol	2.86	4.010	*+	ug/L		140	42 - 120
1,4-Dioxane	2.86	0.8034		ug/L		28	27 - 130
2,4-Dinitrophenol	2.86	0.9341	J	ug/L		33	12 - 173
2,4-Dinitrotoluene	2.86	3.313		ug/L		116	48 - 127
2,6-Dinitrotoluene	2.86	3.242		ug/L		113	68 - 137
2-Chloronaphthalene	2.86	2.451		ug/L		86	10 - 130
2-Methylnaphthalene	2.86	2.030		ug/L		71	25 - 175
2-Methylphenol	2.86	2.460		ug/L		86	14 - 176
2-Nitroaniline	2.86	3.475		ug/L		122	59 - 130
2-Nitrophenol	2.86	3.311		ug/L		116	45 - 167
3 & 4 Methylphenol	2.86	2.372		ug/L		83	22 - 130
3-Nitroaniline	2.86	2.034		ug/L		71	30 - 130
4,6-Dinitro-2-methylphenol	2.86	0.9093	J	ug/L		32	10 - 130
4-Bromophenyl phenyl ether	2.86	3.033		ug/L		106	65 - 120
4-Chloro-3-methylphenol	2.86	3.113		ug/L		109	41 - 128
4-Chloroaniline	2.86	1.812		ug/L		63	30 - 130
4-Chlorophenyl phenyl ether	2.86	2.839		ug/L		99	38 - 145
4-Nitroaniline	2.86	2.518		ug/L		88	42 - 125
Acenaphthene	2.86	2.765		ug/L		97	60 - 132
Acenaphthylene	2.86	3.167		ug/L		111	54 - 126
Aniline	2.86	1.434		ug/L		50	15 - 130
Anthracene	2.86	3.316		ug/L		116	43 - 135
Benzo[a]anthracene	2.86	3.354		ug/L		117	42 - 133
Benzo[a]pyrene	2.86	3.362		ug/L		118	32 - 148
Benzo[b]fluoranthene	2.86	3.275		ug/L		115	42 - 140
Benzo[g,h,i]perylene	2.86	3.091		ug/L		108	25 - 195
Benzo[k]fluoranthene	2.86	3.054		ug/L		107	25 - 146
Benzyl alcohol	2.86	1.518	*-	ug/L		53	57 - 130
Bis(2-chloroethoxy)methane	2.86	3.371		ug/L		118	49 - 165
Bis(2-chloroethyl)ether	2.86	3.380		ug/L		118	43 - 126
Bis(2-ethylhexyl) phthalate	2.86	3.384		ug/L		118	29 - 137
Butyl benzyl phthalate	2.86	3.207		ug/L		112	28 - 130
Chrysene	2.86	3.334		ug/L		117	47 - 130
Dibenz(a,h)anthracene	2.86	3.287		ug/L		115	32 - 200
Dibenzofuran	2.86	2.917		ug/L		102	48 - 130
Diethyl phthalate	2.86	3.109		ug/L		109	53 - 120
Dimethyl phthalate	2.86	3.525	*+	ug/L		123	67 - 120
Di-n-butyl phthalate	2.86	3.266		ug/L		114	8 - 120
Di-n-octyl phthalate	2.86	3.713		ug/L		130	19 - 200
Fluoranthene	2.86	3.368		ug/L		118	43 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199125/2-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199125

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluorene	2.86	3.213		ug/L		112	70 - 130
Hexachlorobenzene	2.86	3.127		ug/L		109	8 - 142
Hexachlorobutadiene	2.86	1.022		ug/L		36	10 - 130
Hexachlorocyclopentadiene	2.86	1.901		ug/L		67	10 - 130
Hexachloroethane	2.86	1.142		ug/L		40	10 - 130
Indeno[1,2,3-cd]pyrene	2.86	3.110		ug/L		109	29 - 151
Isophorone	2.86	3.405		ug/L		119	47 - 180
Naphthalene	2.86	2.355		ug/L		82	36 - 120
Nitrobenzene	2.86	3.103		ug/L		109	54 - 130
N-Nitrosodi-n-propylamine	2.86	3.396		ug/L		119	14 - 198
N-Nitrosodiphenylamine	2.86	3.413		ug/L		119	40 - 127
Pentachlorophenol	2.86	2.662		ug/L		93	38 - 152
Phenanthrene	2.86	3.168		ug/L		111	65 - 120
Phenol	2.86	2.954		ug/L		103	17 - 120
Pyrene	2.86	3.435		ug/L		120	70 - 130
Pyridine	2.86	<1.44	U	ug/L		36	1 - 126
N-Nitro-o-toluidine	2.86	2.751		ug/L		96	47 - 130
2,3,4,6-Tetrachlorophenol	2.86	2.833		ug/L		99	33 - 132
Acetophenone	2.86	3.594		ug/L		126	58 - 130
N-Nitrosopiperidine	2.86	3.099		ug/L		108	54 - 130
Pentachlorobenzene	2.86	2.406		ug/L		84	47 - 130
Diphenyl ether	2.86	2.645		ug/L		93	61 - 130
1,1'-Biphenyl	2.86	2.565		ug/L		90	52 - 130
4-Aminobiphenyl	2.86	2.586		ug/L		91	35 - 130
1,2,4,5-Tetrachlorobenzene	2.86	1.573		ug/L		55	52 - 130
1,3,5-Trinitrobenzene	2.86	2.893		ug/L		101	42 - 130
1,3-Dinitrobenzene	2.86	3.332		ug/L		117	54 - 130
1,4-Naphthoquinone	2.86	3.236		ug/L		113	34 - 130
1-Naphthylamine	2.86	1.668		ug/L		58	40 - 130
2,6-Dichlorophenol	2.86	2.712		ug/L		95	40 - 130
2-Acetylaminofluorene	2.86	3.550		ug/L		124	50 - 150
2-Chlorophenol	2.86	2.910		ug/L		102	36 - 120
2-Naphthylamine	2.86	1.692		ug/L		59	30 - 130
2-Picoline	2.86	1.137		ug/L		40	22 - 130
2-Toluidine	2.86	1.488		ug/L		52	30 - 130
3,3'-Dichlorobenzidine	2.86	2.693		ug/L		94	20 - 150
3,3'-Dimethylbenzidine	2.86	1.367		ug/L		48	30 - 130
3-Methylcholanthrene	2.86	3.305		ug/L		116	53 - 130
4-Nitroquinoline-1-oxide	2.86	2.059		ug/L		72	39 - 130
7,12-Dimethylbenz(a)anthracene	2.86	3.244		ug/L		114	63 - 130
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U *-	ug/L		15	20 - 130
Aramite Peak 1	1.43	2.100	*+	ug/L		147	69 - 130
Aramite Peak 2	1.43	1.739		ug/L		122	65 - 130
Diallate Peak 1	2.11	2.696		ug/L		128	69 - 130
Diallate Peak 2	0.743	0.8985		ug/L		121	67 - 130
Ethyl methanesulfonate	2.86	2.220		ug/L		78	54 - 130
Hexachloropropene	2.86	1.073		ug/L		38	37 - 130
Isosafrole Peak 1	0.457	0.4862	J	ug/L		106	54 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199125/2-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199125

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isosafrole Peak 2	2.40	2.680		ug/L		112	62 - 130
Methyl methanesulfonate	2.86	0.9686		ug/L		34	30 - 130
N-Nitrosodiethylamine	2.86	3.145		ug/L		110	54 - 130
N-Nitrosodimethylamine	2.86	0.7286	*-	ug/L		26	28 - 126
N-Nitrosodi-n-butylamine	2.86	3.537		ug/L		124	58 - 130
N-Nitrosomethylethylamine	2.86	1.853		ug/L		65	45 - 130
N-Nitrosomorpholine	2.86	1.186		ug/L		41	37 - 130
N-Nitrosopyrrolidine	2.86	1.537		ug/L		54	47 - 130
p-Dimethylamino azobenzene	2.86	3.043		ug/L		106	61 - 130
Pentachloronitrobenzene	2.86	3.263		ug/L		114	56 - 130
Phenacetin	2.86	3.116		ug/L		109	70 - 130
p-Phenylene diamine	2.86	0.6173	J I	ug/L		22	3 - 120
Pronamide	2.86	3.510		ug/L		123	70 - 130
Safrole, Total	2.86	3.028		ug/L		106	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*108*		*35 - 130*
2-Fluorobiphenyl	*99*		*43 - 130*
2-Fluorophenol (Surr)	*50*		*19 - 120*
Nitrobenzene-d5 (Surr)	*115*		*37 - 133*
Phenol-d5 (Surr)	*33*		*8 - 124*
p-Terphenyl-d14	*119*		*47 - 130*

Lab Sample ID: LCS 860-199125/4-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199125

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethoate	2.86	8.632	*+	ug/L		302	45 - 138
Dinoseb	5.71	6.920		ug/L		121	49 - 130
Disulfoton	5.71	8.498	*+	ug/L		149	38 - 134
Ethyl Parathion	2.86	10.85	*+	ug/L		380	25 - 173
Famphur	2.86	5.440	*+	ug/L		190	43 - 142
Methapyrilene	5.71	15.10	*+	ug/L		264	70 - 183
Methyl parathion	5.71	10.60	*+	ug/L		186	26 - 159
o,o',o''-Triethylphosphorothioate	2.86	4.440	*+	ug/L		155	43 - 130
Phorate	5.71	8.845	*+	ug/L		155	37 - 140
Sulfotepp	2.86	9.454	*+	ug/L		331	28 - 158
Thionazin	2.86	4.867	*+	ug/L		170	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*94*		*35 - 130*
2-Fluorobiphenyl	*101*		*43 - 130*
2-Fluorophenol (Surr)	*44*		*19 - 120*
Nitrobenzene-d5 (Surr)	*111*		*37 - 133*
Phenol-d5 (Surr)	*32*		*8 - 124*
p-Terphenyl-d14	*118*		*47 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199125/3-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199125

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	2.86	1.391		ug/L		49	32 - 130	5	30
1,2-Dichlorobenzene	2.86	1.410		ug/L		49	32 - 130	7	30
1,3-Dichlorobenzene	2.86	1.255		ug/L		44	26 - 130	6	30
1,4-Dichlorobenzene	2.86	1.301		ug/L		46	28 - 130	6	30
2,2'-oxybis[1-chloropropane]	2.86	4.442	I	ug/L		155	10 - 173	13	30
2,4,5-Trichlorophenol	2.86	3.220		ug/L		113	35 - 130	4	30
2,4,6-Trichlorophenol	2.86	2.684		ug/L		94	52 - 129	3	30
2,4-Dichlorophenol	2.86	3.111		ug/L		109	53 - 122	2	30
2,4-Dimethylphenol	2.86	3.907	*+	ug/L		137	42 - 120	3	30
1,4-Dioxane	2.86	0.7895		ug/L		28	27 - 130	2	30
2,4-Dinitrophenol	2.86	0.8640	J	ug/L		30	12 - 173	8	30
2,4-Dinitrotoluene	2.86	3.118		ug/L		109	48 - 127	6	30
2,6-Dinitrotoluene	2.86	3.099		ug/L		108	68 - 137	5	30
2-Chloronaphthalene	2.86	2.396		ug/L		84	10 - 130	2	30
2-Methylnaphthalene	2.86	1.964		ug/L		69	25 - 175	3	30
2-Methylphenol	2.86	2.322		ug/L		81	14 - 176	6	30
2-Nitroaniline	2.86	3.357		ug/L		118	59 - 130	3	30
2-Nitrophenol	2.86	3.246		ug/L		114	45 - 167	2	30
3 & 4 Methylphenol	2.86	2.126		ug/L		74	22 - 130	11	30
3-Nitroaniline	2.86	1.933		ug/L		68	30 - 130	5	30
4,6-Dinitro-2-methylphenol	2.86	0.9094	J	ug/L		32	10 - 130	0	30
4-Bromophenyl phenyl ether	2.86	2.819		ug/L		99	65 - 120	7	30
4-Chloro-3-methylphenol	2.86	3.069		ug/L		107	41 - 128	1	30
4-Chloroaniline	2.86	1.802		ug/L		63	30 - 130	1	30
4-Chlorophenyl phenyl ether	2.86	2.719		ug/L		95	38 - 145	4	30
4-Nitroaniline	2.86	2.288		ug/L		80	42 - 125	10	30
Acenaphthene	2.86	2.668		ug/L		93	60 - 132	4	30
Acenaphthylene	2.86	3.044		ug/L		107	54 - 126	4	30
Aniline	2.86	1.466		ug/L		51	15 - 130	2	30
Anthracene	2.86	3.229		ug/L		113	43 - 135	3	30
Benzo[a]anthracene	2.86	3.324		ug/L		116	42 - 133	1	30
Benzo[a]pyrene	2.86	3.388		ug/L		119	32 - 148	1	30
Benzo[b]fluoranthene	2.86	3.238		ug/L		113	42 - 140	1	30
Benzo[g,h,i]perylene	2.86	3.062		ug/L		107	25 - 195	1	30
Benzo[k]fluoranthene	2.86	2.944		ug/L		103	25 - 146	4	30
Benzyl alcohol	2.86	1.442	*-	ug/L		50	57 - 130	5	30
Bis(2-chloroethoxy)methane	2.86	3.278		ug/L		115	49 - 165	3	30
Bis(2-chloroethyl)ether	2.86	3.230		ug/L		113	43 - 126	5	30
Bis(2-ethylhexyl) phthalate	2.86	3.327		ug/L		116	29 - 137	2	30
Butyl benzyl phthalate	2.86	3.097		ug/L		108	28 - 130	3	30
Chrysene	2.86	3.180		ug/L		111	47 - 130	5	30
Dibenz(a,h)anthracene	2.86	3.162		ug/L		111	32 - 200	4	30
Dibenzofuran	2.86	2.771		ug/L		97	48 - 130	5	30
Diethyl phthalate	2.86	2.957		ug/L		103	53 - 120	5	30
Dimethyl phthalate	2.86	3.416		ug/L		120	67 - 120	3	30
Di-n-butyl phthalate	2.86	3.175		ug/L		111	8 - 120	3	30
Di-n-octyl phthalate	2.86	3.589		ug/L		126	19 - 200	3	30
Fluoranthene	2.86	3.306		ug/L		116	43 - 130	2	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199125/3-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199125

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluorene	2.86	3.060		ug/L		107	70 - 130	5	30
Hexachlorobenzene	2.86	2.956		ug/L		103	8 - 142	6	30
Hexachlorobutadiene	2.86	1.006		ug/L		35	10 - 130	2	30
Hexachlorocyclopentadiene	2.86	1.859		ug/L		65	10 - 130	2	30
Hexachloroethane	2.86	1.111		ug/L		39	10 - 130	3	30
Indeno[1,2,3-cd]pyrene	2.86	3.074		ug/L		108	29 - 151	1	30
Isophorone	2.86	3.264		ug/L		114	47 - 180	4	30
Naphthalene	2.86	2.287		ug/L		80	36 - 120	3	30
Nitrobenzene	2.86	3.008		ug/L		105	54 - 130	3	30
N-Nitrosodi-n-propylamine	2.86	3.451		ug/L		121	14 - 198	2	30
N-Nitrosodiphenylamine	2.86	3.195		ug/L		112	40 - 127	7	30
Pentachlorophenol	2.86	2.392		ug/L		84	38 - 152	11	30
Phenanthrene	2.86	3.029		ug/L		106	65 - 120	4	30
Phenol	2.86	2.816	J	ug/L		99	17 - 120	5	30
Pyrene	2.86	3.303		ug/L		116	70 - 130	4	30
Pyridine	2.86	<1.44	U	ug/L		44	1 - 126	22	30
N-Nitro-o-toluidine	2.86	2.590		ug/L		91	47 - 130	6	30
2,3,4,6-Tetrachlorophenol	2.86	2.518		ug/L		88	33 - 132	12	30
Acetophenone	2.86	3.381		ug/L		118	58 - 130	6	30
N-Nitrosopiperidine	2.86	2.950		ug/L		103	54 - 130	5	30
Pentachlorobenzene	2.86	2.153		ug/L		75	47 - 130	11	30
Diphenyl ether	2.86	2.557		ug/L		89	61 - 130	3	30
1,1'-Biphenyl	2.86	2.421		ug/L		85	52 - 130	6	30
4-Aminobiphenyl	2.86	2.443		ug/L		85	35 - 130	6	30
1,2,4,5-Tetrachlorobenzene	2.86	1.501		ug/L		53	52 - 130	5	30
1,3,5-Trinitrobenzene	2.86	2.576		ug/L		90	42 - 130	12	30
1,3-Dinitrobenzene	2.86	3.195		ug/L		112	54 - 130	4	30
1,4-Naphthoquinone	2.86	3.101		ug/L		109	34 - 130	4	30
1-Naphthylamine	2.86	1.541		ug/L		54	40 - 130	8	30
2,6-Dichlorophenol	2.86	2.593		ug/L		91	40 - 130	4	30
2-Acetylaminofluorene	2.86	3.452		ug/L		121	50 - 150	3	30
2-Chlorophenol	2.86	2.754		ug/L		96	36 - 120	6	30
2-Naphthylamine	2.86	1.702		ug/L		60	30 - 130	1	30
2-Picoline	2.86	1.155		ug/L		40	22 - 130	2	30
2-Toluidine	2.86	1.470		ug/L		51	30 - 130	1	30
3,3'-Dichlorobenzidine	2.86	2.663		ug/L		93	20 - 150	1	30
3,3'-Dimethylbenzidine	2.86	1.379		ug/L		48	30 - 130	1	30
3-Methylcholanthrene	2.86	3.256		ug/L		114	53 - 130	1	30
4-Nitroquinoline-1-oxide	2.86	2.052		ug/L		72	39 - 130	0	30
7,12-Dimethylbenz(a)anthracene	2.86	3.094		ug/L		108	63 - 130	5	30
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U *- *1	ug/L		9	20 - 130	47	30
Aramite Peak 1	1.43	2.080	*+	ug/L		146	69 - 130	1	30
Aramite Peak 2	1.43	1.668		ug/L		117	65 - 130	4	30
Diallate Peak 1	2.11	2.481		ug/L		117	69 - 130	8	30
Diallate Peak 2	0.743	0.8591		ug/L		116	67 - 130	4	30
Ethyl methanesulfonate	2.86	2.098		ug/L		73	54 - 130	6	30
Hexachloropropene	2.86	1.015	*-	ug/L		36	37 - 130	6	30
Isosafrole Peak 1	0.457	0.4541	J	ug/L		99	54 - 130	7	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199125/3-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199125

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isosafrole Peak 2			2.40	2.553		ug/L		106	62 - 130	5	30
Methyl methanesulfonate			2.86	0.9185		ug/L		32	30 - 130	5	30
N-Nitrosodiethylamine			2.86	2.840		ug/L		99	54 - 130	10	30
N-Nitrosodimethylamine			2.86	0.6856	*-	ug/L		24	28 - 126	6	30
N-Nitrosodi-n-butylamine			2.86	3.475		ug/L		122	58 - 130	2	30
N-Nitrosomethylethylamine			2.86	1.731		ug/L		61	45 - 130	7	30
N-Nitrosomorpholine			2.86	1.137		ug/L		40	37 - 130	4	30
N-Nitrosopyrrolidine			2.86	1.430		ug/L		50	47 - 130	7	30
p-Dimethylamino azobenzene			2.86	2.871		ug/L		100	61 - 130	6	30
Pentachloronitrobenzene			2.86	3.095		ug/L		108	56 - 130	5	30
Phenacetin			2.86	2.899		ug/L		101	70 - 130	7	30
p-Phenylene diamine			2.86	<0.500	U *- *1	ug/L		0	3 - 120	200	30
Pronamide			2.86	3.358		ug/L		118	70 - 130	4	30
Safrole, Total			2.86	2.883		ug/L		101	70 - 130	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*104*		*35 - 130*
2-Fluorobiphenyl	*93*		*43 - 130*
2-Fluorophenol (Surr)	*47*		*19 - 120*
Nitrobenzene-d5 (Surr)	*109*		*37 - 133*
Phenol-d5 (Surr)	*30*		*8 - 124*
p-Terphenyl-d14	*115*		*47 - 130*

Lab Sample ID: LCSD 860-199125/5-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199125

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethoate			2.86	9.026	*+	ug/L		316	45 - 138	4	30
Dinoseb			5.71	7.568	*+	ug/L		132	49 - 130	9	30
Disulfoton			5.71	8.355	*+	ug/L		146	38 - 134	2	30
Ethyl Parathion			2.86	10.37	*+	ug/L		363	25 - 173	4	30
Famphur			2.86	5.355	*+	ug/L		187	43 - 142	2	30
Methapyrilene			5.71	14.80	*+	ug/L		259	70 - 183	2	30
Methyl parathion			5.71	10.30	*+	ug/L		180	26 - 159	3	30
o,o',o''-Triethylphosphorothioate			2.86	4.453	*+	ug/L		156	43 - 130	0	30
Phorate			5.71	9.063	*+	ug/L		159	37 - 140	2	30
Sulfotepp			2.86	9.316	*+	ug/L		326	28 - 158	1	30
Thionazin			2.86	4.801	*+	ug/L		168	50 - 150	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*91*		*35 - 130*
2-Fluorobiphenyl	*99*		*43 - 130*
2-Fluorophenol (Surr)	*49*		*19 - 120*
Nitrobenzene-d5 (Surr)	*107*		*37 - 133*
Phenol-d5 (Surr)	*36*		*8 - 124*
p-Terphenyl-d14	*102*		*47 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-200832/1-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,4-Dimethylphenol	<0.192	U	0.571	0.192	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/20/24 07:01	11/20/24 21:32	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/20/24 07:01	11/20/24 21:32	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/20/24 07:01	11/20/24 21:32	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/20/24 07:01	11/20/24 21:32	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/20/24 07:01	11/20/24 21:32	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/20/24 07:01	11/20/24 21:32	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/20/24 07:01	11/20/24 21:32	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/20/24 07:01	11/20/24 21:32	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/20/24 07:01	11/20/24 21:32	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/20/24 07:01	11/20/24 21:32	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/20/24 07:01	11/20/24 21:32	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/20/24 07:01	11/20/24 21:32	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/20/24 07:01	11/20/24 21:32	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		11/20/24 07:01	11/20/24 21:32	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/20/24 07:01	11/20/24 21:32	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/20/24 07:01	11/20/24 21:32	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/20/24 07:01	11/20/24 21:32	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/20/24 07:01	11/20/24 21:32	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/20/24 07:01	11/20/24 21:32	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/20/24 07:01	11/20/24 21:32	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		11/20/24 07:01	11/20/24 21:32	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/20/24 07:01	11/20/24 21:32	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/20/24 07:01	11/20/24 21:32	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/20/24 07:01	11/20/24 21:32	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/20/24 07:01	11/20/24 21:32	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/20/24 07:01	11/20/24 21:32	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-200832/1-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/20/24 07:01	11/20/24 21:32	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/20/24 07:01	11/20/24 21:32	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/20/24 07:01	11/20/24 21:32	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/20/24 07:01	11/20/24 21:32	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/20/24 07:01	11/20/24 21:32	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/20/24 07:01	11/20/24 21:32	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/20/24 07:01	11/20/24 21:32	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		11/20/24 07:01	11/20/24 21:32	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/20/24 07:01	11/20/24 21:32	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/20/24 07:01	11/20/24 21:32	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/20/24 07:01	11/20/24 21:32	1
Phenol	<0.448	U	2.86	0.448	ug/L		11/20/24 07:01	11/20/24 21:32	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/20/24 07:01	11/20/24 21:32	1
Pyridine	<1.44	U	2.86	1.44	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/20/24 07:01	11/20/24 21:32	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/20/24 07:01	11/20/24 21:32	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/20/24 07:01	11/20/24 21:32	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/20/24 07:01	11/20/24 21:32	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/20/24 07:01	11/20/24 21:32	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/20/24 07:01	11/20/24 21:32	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/20/24 07:01	11/20/24 21:32	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/20/24 07:01	11/20/24 21:32	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/20/24 07:01	11/20/24 21:32	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		11/20/24 07:01	11/20/24 21:32	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		11/20/24 07:01	11/20/24 21:32	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/20/24 07:01	11/20/24 21:32	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/20/24 07:01	11/20/24 21:32	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/20/24 07:01	11/20/24 21:32	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/20/24 07:01	11/20/24 21:32	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/20/24 07:01	11/20/24 21:32	1
Dimethoate	<0.122	U	0.571	0.122	ug/L		11/20/24 07:01	11/20/24 21:32	1
Dinoseb	<0.570	U	2.86	0.570	ug/L		11/20/24 07:01	11/20/24 21:32	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-200832/1-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Disulfoton	<0.203	U	0.571	0.203	ug/L		11/20/24 07:01	11/20/24 21:32	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/20/24 07:01	11/20/24 21:32	1
Ethyl Parathion	<0.0502	U	0.229	0.0502	ug/L		11/20/24 07:01	11/20/24 21:32	1
Famphur	<0.151	U	1.14	0.151	ug/L		11/20/24 07:01	11/20/24 21:32	1
Hexachloropropene	<0.300	U	0.571	0.300	ug/L		11/20/24 07:01	11/20/24 21:32	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/20/24 07:01	11/20/24 21:32	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/20/24 07:01	11/20/24 21:32	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/20/24 07:01	11/20/24 21:32	1
Methapyrilene	<1.00	U	2.29	1.00	ug/L		11/20/24 07:01	11/20/24 21:32	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/20/24 07:01	11/20/24 21:32	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		11/20/24 07:01	11/20/24 21:32	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		11/20/24 07:01	11/20/24 21:32	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		11/20/24 07:01	11/20/24 21:32	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/20/24 07:01	11/20/24 21:32	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/20/24 07:01	11/20/24 21:32	1
Phorate	<0.221	U	0.571	0.221	ug/L		11/20/24 07:01	11/20/24 21:32	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		11/20/24 07:01	11/20/24 21:32	1
Pronamide	<0.100	U	0.571	0.100	ug/L		11/20/24 07:01	11/20/24 21:32	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/20/24 07:01	11/20/24 21:32	1
Sulfotepp	<0.147	U	0.571	0.147	ug/L		11/20/24 07:01	11/20/24 21:32	1
Thionazin	<0.208	U	1.14	0.208	ug/L		11/20/24 07:01	11/20/24 21:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*138*	*S1+*	*35 - 130*	*11/20/24 07:01*	*11/20/24 21:32*	*1*
2-Fluorobiphenyl	*126*		*43 - 130*	*11/20/24 07:01*	*11/20/24 21:32*	*1*
2-Fluorophenol (Surr)	*67*		*19 - 120*	*11/20/24 07:01*	*11/20/24 21:32*	*1*
Nitrobenzene-d5 (Surr)	*100*		*37 - 133*	*11/20/24 07:01*	*11/20/24 21:32*	*1*
Phenol-d5 (Surr)	*45*		*8 - 124*	*11/20/24 07:01*	*11/20/24 21:32*	*1*
p-Terphenyl-d14	*99*		*47 - 130*	*11/20/24 07:01*	*11/20/24 21:32*	*1*

Lab Sample ID: LCS 860-200832/2-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	2.86	1.141		ug/L		40	32 - 130
1,2-Dichlorobenzene	2.86	1.318		ug/L		46	32 - 130
1,3-Dichlorobenzene	2.86	1.186		ug/L		42	26 - 130
1,4-Dichlorobenzene	2.86	1.270		ug/L		44	28 - 130
2,2'-oxybis[1-chloropropane]	2.86	4.387	I	ug/L		154	10 - 173
2,4,5-Trichlorophenol	2.86	4.037	*+	ug/L		141	35 - 130
2,4,6-Trichlorophenol	2.86	3.947	*+	ug/L		138	52 - 129

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-200832/2-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dichlorophenol	2.86	3.191		ug/L		112	53 - 122
2,4-Dimethylphenol	2.86	4.373	*+	ug/L		153	42 - 120
1,4-Dioxane	2.86	1.043		ug/L		37	27 - 130
2,4-Dinitrophenol	2.86	2.154	J	ug/L		75	12 - 173
2,4-Dinitrotoluene	2.86	3.795	*+	ug/L		133	48 - 127
2,6-Dinitrotoluene	2.86	3.187		ug/L		112	68 - 137
2-Chloronaphthalene	2.86	2.059		ug/L		72	10 - 130
2-Methylnaphthalene	2.86	1.663		ug/L		58	25 - 175
2-Methylphenol	2.86	3.159		ug/L		111	14 - 176
2-Nitroaniline	2.86	3.808	*+	ug/L		133	59 - 130
2-Nitrophenol	2.86	3.580		ug/L		125	45 - 167
3 & 4 Methylphenol	2.86	3.337	I	ug/L		117	22 - 130
3-Nitroaniline	2.86	2.510		ug/L		88	30 - 130
4,6-Dinitro-2-methylphenol	2.86	2.942		ug/L		103	10 - 130
4-Bromophenyl phenyl ether	2.86	3.852	*+	ug/L		135	65 - 120
4-Chloro-3-methylphenol	2.86	3.612		ug/L		126	41 - 128
4-Chloroaniline	2.86	2.017		ug/L		71	30 - 130
4-Chlorophenyl phenyl ether	2.86	3.848		ug/L		135	38 - 145
4-Nitroaniline	2.86	3.149		ug/L		110	42 - 125
Acenaphthene	2.86	2.911		ug/L		102	60 - 132
Acenaphthylene	2.86	3.018		ug/L		106	54 - 126
Aniline	2.86	1.871		ug/L		66	15 - 130
Anthracene	2.86	2.915		ug/L		102	43 - 135
Benzo[a]anthracene	2.86	4.117	*+	ug/L		144	42 - 133
Benzo[a]pyrene	2.86	3.876		ug/L		136	32 - 148
Benzo[b]fluoranthene	2.86	4.488	*+	ug/L		157	42 - 140
Benzo[g,h,i]perylene	2.86	3.536		ug/L		124	25 - 195
Benzo[k]fluoranthene	2.86	3.968		ug/L		139	25 - 146
Benzyl alcohol	2.86	2.313		ug/L		81	57 - 130
Bis(2-chloroethoxy)methane	2.86	3.828		ug/L		134	49 - 165
Bis(2-chloroethyl)ether	2.86	4.823	*+	ug/L		169	43 - 126
Bis(2-ethylhexyl) phthalate	2.86	3.755		ug/L		131	29 - 137
Butyl benzyl phthalate	2.86	3.532		ug/L		124	28 - 130
Chrysene	2.86	3.814	*+	ug/L		133	47 - 130
Dibenz(a,h)anthracene	2.86	3.690		ug/L		129	32 - 200
Dibenzofuran	2.86	3.641		ug/L		127	48 - 130
Diethyl phthalate	2.86	3.315		ug/L		116	53 - 120
Dimethyl phthalate	2.86	3.255		ug/L		114	67 - 120
Di-n-butyl phthalate	2.86	3.408		ug/L		119	8 - 120
Di-n-octyl phthalate	2.86	4.608		ug/L		161	19 - 200
Fluoranthene	2.86	3.737	*+	ug/L		131	43 - 130
Fluorene	2.86	3.039		ug/L		106	70 - 130
Hexachlorobenzene	2.86	3.737		ug/L		131	8 - 142
Hexachlorobutadiene	2.86	0.6449		ug/L		23	10 - 130
Hexachlorocyclopentadiene	2.86	1.499		ug/L		52	10 - 130
Hexachloroethane	2.86	0.6096		ug/L		21	10 - 130
Indeno[1,2,3-cd]pyrene	2.86	3.618		ug/L		127	29 - 151
Isophorone	2.86	3.244		ug/L		114	47 - 180
Naphthalene	2.86	1.769		ug/L		62	36 - 120

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-200832/2-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrobenzene	2.86	3.052		ug/L		107	54 - 130
N-Nitrosodi-n-propylamine	2.86	4.378		ug/L		153	14 - 198
N-Nitrosodiphenylamine	2.86	3.841	*+	ug/L		134	40 - 127
Pentachlorophenol	2.86	3.709		ug/L		130	38 - 152
Phenanthrene	2.86	3.306		ug/L		116	65 - 120
Phenol	2.86	1.412	J	ug/L		49	17 - 120
Pyrene	2.86	3.727		ug/L		130	70 - 130
Pyridine	2.86	1.980	J	ug/L		69	1 - 126
N-Nitro-o-toluidine	2.86	3.133		ug/L		110	47 - 130
2,3,4,6-Tetrachlorophenol	2.86	3.989	*+	ug/L		140	33 - 132
Acetophenone	2.86	4.378	*+	ug/L		153	58 - 130
N-Nitrosopiperidine	2.86	2.662		ug/L		93	54 - 130
Pentachlorobenzene	2.86	3.028		ug/L		106	47 - 130
Diphenyl ether	2.86	2.733		ug/L		96	61 - 130
1,1'-Biphenyl	2.86	2.791		ug/L		98	52 - 130
4-Aminobiphenyl	2.86	2.722		ug/L		95	35 - 130
1,2,4,5-Tetrachlorobenzene	2.86	1.829		ug/L		64	52 - 130
1,3,5-Trinitrobenzene	2.86	3.519		ug/L		123	42 - 130
1,3-Dinitrobenzene	2.86	3.248		ug/L		114	54 - 130
1,4-Naphthoquinone	2.86	2.845		ug/L		100	34 - 130
1-Naphthylamine	2.86	1.575		ug/L		55	40 - 130
2,6-Dichlorophenol	2.86	3.235		ug/L		113	40 - 130
2-Acetylaminofluorene	2.86	6.254	*+	ug/L		219	50 - 150
2-Chlorophenol	2.86	3.438		ug/L		120	36 - 120
2-Naphthylamine	2.86	2.085		ug/L		73	30 - 130
2-Picoline	2.86	1.030		ug/L		36	22 - 130
2-Toluidine	2.86	0.4979	J *-	ug/L		17	30 - 130
3,3'-Dichlorobenzidine	2.86	3.933		ug/L		138	20 - 150
3,3'-Dimethylbenzidine	2.86	1.783		ug/L		62	30 - 130
3-Methylcholanthrene	2.86	3.564		ug/L		125	53 - 130
4-Nitroquinoline-1-oxide	2.86	2.732		ug/L		96	39 - 130
7,12-Dimethylbenz(a)anthracene	2.86	4.151	*+	ug/L		145	63 - 130
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U *-	ug/L		0	20 - 130
Aramite Peak 1	1.43	2.093	*+	ug/L		147	69 - 130
Aramite Peak 2	1.43	2.224	*+	ug/L		156	65 - 130
Diallate Peak 1	2.11	2.876	*+	ug/L		136	69 - 130
Diallate Peak 2	0.743	0.8625		ug/L		116	67 - 130
Ethyl methanesulfonate	2.86	2.850		ug/L		100	54 - 130
Hexachloropropene	2.86	0.6494	*-	ug/L		23	37 - 130
Isosafrole Peak 1	0.457	0.4363	J	ug/L		95	54 - 130
Isosafrole Peak 2	2.40	2.377		ug/L		99	62 - 130
Methyl methanesulfonate	2.86	1.223		ug/L		43	30 - 130
N-Nitrosodiethylamine	2.86	3.716		ug/L		130	54 - 130
N-Nitrosodimethylamine	2.86	0.7050	*-	ug/L		25	28 - 126
N-Nitrosodi-n-butylamine	2.86	3.817	*+	ug/L		134	58 - 130
N-Nitrosomethylethylamine	2.86	2.103		ug/L		74	45 - 130
N-Nitrosomorpholine	2.86	1.562		ug/L		55	37 - 130
N-Nitrosopyrrolidine	2.86	1.756		ug/L		61	47 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-200832/2-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
p-Dimethylamino azobenzene	2.86	3.323		ug/L		116	61 - 130
Pentachloronitrobenzene	2.86	3.640		ug/L		127	56 - 130
Phenacetin	2.86	4.187	*+	ug/L		147	70 - 130
p-Phenylene diamine	2.86	<0.500	U *-	ug/L		0	3 - 120
Pronamide	2.86	4.345	*+	ug/L		152	70 - 130
Safrole, Total	2.86	2.542		ug/L		89	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*133*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*113*		*43 - 130*
2-Fluorophenol (Surr)	*71*		*19 - 120*
Nitrobenzene-d5 (Surr)	*112*		*37 - 133*
Phenol-d5 (Surr)	*50*		*8 - 124*
p-Terphenyl-d14	*96*		*47 - 130*

Lab Sample ID: LCS 860-200832/4-A
Matrix: Water
Analysis Batch: 201887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dinoseb	5.71	15.86	*+	ug/L		278	49 - 130
Disulfoton	5.71	10.32	*+	ug/L		181	38 - 134
Ethyl Parathion	2.86	15.16	*+	ug/L		531	25 - 173
Famphur	2.86	6.688	*+	ug/L		234	43 - 142
Methyl parathion	5.71	13.27	*+	ug/L		232	26 - 159
o,o',o''-Triethylphosphorothioate	2.86	4.381	*+	ug/L		153	43 - 130
Phorate	5.71	10.77	*+	ug/L		189	37 - 140
Sulfotepp	2.86	11.34	*+	ug/L		397	28 - 158
Thionazin	2.86	5.930	*+	ug/L		208	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*133*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*101*		*43 - 130*
2-Fluorophenol (Surr)	*76*		*19 - 120*
Nitrobenzene-d5 (Surr)	*111*		*37 - 133*
Phenol-d5 (Surr)	*64*		*8 - 124*
p-Terphenyl-d14	*104*		*47 - 130*

Lab Sample ID: LCSD 860-200832/3-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200832

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	2.86	1.091		ug/L		38	32 - 130	4	30
1,2-Dichlorobenzene	2.86	1.280		ug/L		45	32 - 130	3	30
1,3-Dichlorobenzene	2.86	1.174		ug/L		41	26 - 130	1	30
1,4-Dichlorobenzene	2.86	1.222		ug/L		43	28 - 130	4	30
2,2'-oxybis[1-chloropropane]	2.86	3.657	I	ug/L		128	10 - 173	18	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-200832/3-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200832

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-Trichlorophenol			2.86	3.941	*+	ug/L		138	35 - 130	2	30
2,4,6-Trichlorophenol			2.86	3.928	*+	ug/L		137	52 - 129	0	30
2,4-Dichlorophenol			2.86	3.031		ug/L		106	53 - 122	5	30
2,4-Dimethylphenol			2.86	4.217	*+	ug/L		148	42 - 120	4	30
1,4-Dioxane			2.86	0.9838		ug/L		34	27 - 130	6	30
2,4-Dinitrophenol			2.86	2.305	J	ug/L		81	12 - 173	7	30
2,4-Dinitrotoluene			2.86	3.922	*+	ug/L		137	48 - 127	3	30
2,6-Dinitrotoluene			2.86	3.202		ug/L		112	68 - 137	0	30
2-Chloronaphthalene			2.86	2.060		ug/L		72	10 - 130	0	30
2-Methylnaphthalene			2.86	1.583		ug/L		55	25 - 175	5	30
2-Methylphenol			2.86	3.101		ug/L		109	14 - 176	2	30
2-Nitroaniline			2.86	3.857	*+	ug/L		135	59 - 130	1	30
2-Nitrophenol			2.86	3.499		ug/L		122	45 - 167	2	30
3 & 4 Methylphenol			2.86	3.213	I	ug/L		112	22 - 130	4	30
3-Nitroaniline			2.86	2.746		ug/L		96	30 - 130	9	30
4,6-Dinitro-2-methylphenol			2.86	3.387		ug/L		119	10 - 130	14	30
4-Bromophenyl phenyl ether			2.86	3.948	*+	ug/L		138	65 - 120	2	30
4-Chloro-3-methylphenol			2.86	3.661		ug/L		128	41 - 128	1	30
4-Chloroaniline			2.86	2.007		ug/L		70	30 - 130	0	30
4-Chlorophenyl phenyl ether			2.86	4.005		ug/L		140	38 - 145	4	30
4-Nitroaniline			2.86	3.277		ug/L		115	42 - 125	4	30
Acenaphthene			2.86	3.083		ug/L		108	60 - 132	6	30
Acenaphthylene			2.86	2.996		ug/L		105	54 - 126	1	30
Aniline			2.86	1.807		ug/L		63	15 - 130	4	30
Anthracene			2.86	2.942		ug/L		103	43 - 135	1	30
Benzo[a]anthracene			2.86	4.247	*+	ug/L		149	42 - 133	3	30
Benzo[a]pyrene			2.86	3.785		ug/L		132	32 - 148	2	30
Benzo[b]fluoranthene			2.86	5.191	*+	ug/L		182	42 - 140	15	30
Benzo[g,h,i]perylene			2.86	3.182		ug/L		111	25 - 195	11	30
Benzo[k]fluoranthene			2.86	4.674	*+	ug/L		164	25 - 146	16	30
Benzyl alcohol			2.86	2.317		ug/L		81	57 - 130	0	30
Bis(2-chloroethoxy)methane			2.86	3.794		ug/L		133	49 - 165	1	30
Bis(2-chloroethyl)ether			2.86	4.660	*+	ug/L		163	43 - 126	3	30
Bis(2-ethylhexyl) phthalate			2.86	4.066	*+	ug/L		142	29 - 137	8	30
Butyl benzyl phthalate			2.86	3.683		ug/L		129	28 - 130	4	30
Chrysene			2.86	4.049	*+	ug/L		142	47 - 130	6	30
Dibenz(a,h)anthracene			2.86	3.269		ug/L		114	32 - 200	12	30
Dibenzofuran			2.86	3.809	*+	ug/L		133	48 - 130	4	30
Diethyl phthalate			2.86	3.456	*+	ug/L		121	53 - 120	4	30
Dimethyl phthalate			2.86	3.128		ug/L		109	67 - 120	4	30
Di-n-butyl phthalate			2.86	3.470	*+	ug/L		121	8 - 120	2	30
Di-n-octyl phthalate			2.86	21.73	*+ *1	ug/L		761	19 - 200	130	30
Fluoranthene			2.86	3.696		ug/L		129	43 - 130	1	30
Fluorene			2.86	3.203		ug/L		112	70 - 130	5	30
Hexachlorobenzene			2.86	3.840		ug/L		134	8 - 142	3	30
Hexachlorobutadiene			2.86	0.6160		ug/L		22	10 - 130	5	30
Hexachlorocyclopentadiene			2.86	1.515		ug/L		53	10 - 130	1	30
Hexachloroethane			2.86	0.5718		ug/L		20	10 - 130	6	30
Indeno[1,2,3-cd]pyrene			2.86	3.266		ug/L		114	29 - 151	10	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-200832/3-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200832

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isophorone			2.86	3.225		ug/L		113	47 - 180	1	30
Naphthalene			2.86	1.767		ug/L		62	36 - 120	0	30
Nitrobenzene			2.86	2.883		ug/L		101	54 - 130	6	30
N-Nitrosodi-n-propylamine			2.86	4.280		ug/L		150	14 - 198	2	30
N-Nitrosodiphenylamine			2.86	4.085	*+	ug/L		143	40 - 127	6	30
Pentachlorophenol			2.86	3.871		ug/L		135	38 - 152	4	30
Phenanthrene			2.86	3.365		ug/L		118	65 - 120	2	30
Phenol			2.86	2.901	*1	ug/L		102	17 - 120	69	30
Pyrene			2.86	3.744	*+	ug/L		131	70 - 130	0	30
Pyridine			2.86	2.013	J	ug/L		70	1 - 126	2	30
N-Nitro-o-toluidine			2.86	2.951		ug/L		103	47 - 130	6	30
2,3,4,6-Tetrachlorophenol			2.86	4.120	*+	ug/L		144	33 - 132	3	30
Acetophenone			2.86	4.216	*+	ug/L		148	58 - 130	4	30
N-Nitrosopiperidine			2.86	2.568		ug/L		90	54 - 130	4	30
Pentachlorobenzene			2.86	3.157		ug/L		110	47 - 130	4	30
Diphenyl ether			2.86	2.723		ug/L		95	61 - 130	0	30
1,1'-Biphenyl			2.86	2.703		ug/L		95	52 - 130	3	30
4-Aminobiphenyl			2.86	2.883		ug/L		101	35 - 130	6	30
1,2,4,5-Tetrachlorobenzene			2.86	1.813		ug/L		63	52 - 130	1	30
1,3,5-Trinitrobenzene			2.86	3.727		ug/L		130	42 - 130	6	30
1,3-Dinitrobenzene			2.86	3.356		ug/L		117	54 - 130	3	30
1,4-Naphthoquinone			2.86	2.813		ug/L		98	34 - 130	1	30
1-Naphthylamine			2.86	1.575		ug/L		55	40 - 130	0	30
2,6-Dichlorophenol			2.86	3.119		ug/L		109	40 - 130	4	30
2-Acetylaminofluorene			2.86	6.220	*+	ug/L		218	50 - 150	1	30
2-Chlorophenol			2.86	3.313		ug/L		116	36 - 120	4	30
2-Naphthylamine			2.86	2.202		ug/L		77	30 - 130	5	30
2-Picoline			2.86	0.9857		ug/L		35	22 - 130	4	30
2-Toluidine			2.86	2.272	*1	ug/L		80	30 - 130	128	30
3,3'-Dichlorobenzidine			2.86	4.045		ug/L		142	20 - 150	3	30
3,3'-Dimethylbenzidine			2.86	1.786		ug/L		63	30 - 130	0	30
3-Methylcholanthrene			2.86	3.304		ug/L		116	53 - 130	8	30
4-Nitroquinoline-1-oxide			2.86	2.909		ug/L		102	39 - 130	6	30
7,12-Dimethylbenz(a)anthracene			2.86	4.915	*+	ug/L		172	63 - 130	17	30
alpha,alpha-Dimethyl phenethylamine			2.86	<3.67	U *-	ug/L		0	20 - 130	NC	30
Aramite Peak 1			1.43	2.196	*+	ug/L		154	69 - 130	5	30
Aramite Peak 2			1.43	2.286	*+	ug/L		160	65 - 130	3	30
Diallate Peak 1			2.11	2.748		ug/L		130	69 - 130	5	30
Diallate Peak 2			0.743	0.9309		ug/L		125	67 - 130	8	30
Ethyl methanesulfonate			2.86	2.707		ug/L		95	54 - 130	5	30
Hexachloropropene			2.86	0.6218	*-	ug/L		22	37 - 130	4	30
Isosafrole Peak 1			0.457	0.4192	J	ug/L		92	54 - 130	4	30
Isosafrole Peak 2			2.40	2.419		ug/L		101	62 - 130	2	30
Methyl methanesulfonate			2.86	1.220		ug/L		43	30 - 130	0	30
N-Nitrosodiethylamine			2.86	3.399		ug/L		119	54 - 130	9	30
N-Nitrosodimethylamine			2.86	0.6518	*-	ug/L		23	28 - 126	8	30
N-Nitrosodi-n-butylamine			2.86	3.833	*+	ug/L		134	58 - 130	0	30
N-Nitrosomethylethylamine			2.86	2.127		ug/L		74	45 - 130	1	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-200832/3-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200832

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-Nitrosomorpholine			2.86	1.561		ug/L		55	37 - 130	0	30
N-Nitrosopyrrolidine			2.86	1.789		ug/L		63	47 - 130	2	30
p-Dimethylamino azobenzene			2.86	3.466		ug/L		121	61 - 130	4	30
Pentachloronitrobenzene			2.86	3.833	*+	ug/L		134	56 - 130	5	30
Phenacetin			2.86	4.233	*+	ug/L		148	70 - 130	1	30
p-Phenylene diamine			2.86	<0.500	U *-	ug/L		0	3 - 120	NC	30
Pronamide			2.86	4.462	*+	ug/L		156	70 - 130	3	30
Safrole, Total			2.86	2.494		ug/L		87	70 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*148*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*118*		*43 - 130*
2-Fluorophenol (Surr)	*68*		*19 - 120*
Nitrobenzene-d5 (Surr)	*109*		*37 - 133*
Phenol-d5 (Surr)	*46*		*8 - 124*
p-Terphenyl-d14	*96*		*47 - 130*

Lab Sample ID: LCSD 860-200832/5-A
Matrix: Water
Analysis Batch: 201887

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200832

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dinoseb			5.71	14.93	*+	ug/L		261	49 - 130	6	30
Disulfoton			5.71	9.731	*+	ug/L		170	38 - 134	6	30
Ethyl Parathion			2.86	13.84	*+	ug/L		484	25 - 173	9	30
Famphur			2.86	6.250	*+	ug/L		219	43 - 142	7	30
Methapyrilene			5.71	21.85	*+	ug/L		382	70 - 183	6	30
Methyl parathion			5.71	12.21	*+	ug/L		214	26 - 159	8	30
o,o',o''-Triethylphosphorothioate			2.86	4.173	*+	ug/L		146	43 - 130	5	30
Phorate			5.71	10.31	*+	ug/L		180	37 - 140	4	30
Sulfotepp			2.86	11.03	*+	ug/L		386	28 - 158	3	30
Thionazin			2.86	5.719	*+	ug/L		200	50 - 150	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*127*		*35 - 130*
2-Fluorobiphenyl	*93*		*43 - 130*
2-Fluorophenol (Surr)	*72*		*19 - 120*
Nitrobenzene-d5 (Surr)	*112*		*37 - 133*
Phenol-d5 (Surr)	*53*		*8 - 124*
p-Terphenyl-d14	*94*		*47 - 130*

GC/MS VOA

Analysis Batch: 198805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86517-1	MW-71	Total/NA	Water	8260D	
860-86517-2	MW-70	Total/NA	Water	8260D	
860-86517-3	RB-03	Total/NA	Water	8260D	
860-86517-4	MW-65	Total/NA	Water	8260D	
860-86517-5	MW-67	Total/NA	Water	8260D	
860-86517-6	MW-72	Total/NA	Water	8260D	
860-86517-7	MW-66	Total/NA	Water	8260D	
860-86517-8	MW-68	Total/NA	Water	8260D	
860-86517-9	MW-64	Total/NA	Water	8260D	
860-86517-11	MW-69	Total/NA	Water	8260D	
860-86517-12	FB-03	Total/NA	Water	8260D	
MB 860-198805/10	Method Blank	Total/NA	Water	8260D	
LCS 860-198805/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-198805/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-86517-1 MS	MW-71	Total/NA	Water	8260D	

Analysis Batch: 199006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86517-5 - DL	MW-67	Total/NA	Water	8260D	
860-86517-7 - DL	MW-66	Total/NA	Water	8260D	
860-86517-8 - DL	MW-68	Total/NA	Water	8260D	
860-86517-9 - DL	MW-64	Total/NA	Water	8260D	
860-86517-10	DUP-03	Total/NA	Water	8260D	
MB 860-199006/9	Method Blank	Total/NA	Water	8260D	
LCS 860-199006/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-199006/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-86517-7 MS - DL	MW-66	Total/NA	Water	8260D	

Analysis Batch: 199129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86517-10 - DL	DUP-03	Total/NA	Water	8260D	
MB 860-199129/9	Method Blank	Total/NA	Water	8260D	
LCS 860-199129/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-199129/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-85968-C-1 MS	Matrix Spike	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 199125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86517-1	MW-71	Total/NA	Water	3511	
860-86517-2	MW-70	Total/NA	Water	3511	
860-86517-3	RB-03	Total/NA	Water	3511	
860-86517-4	MW-65	Total/NA	Water	3511	
860-86517-5 - DL	MW-67	Total/NA	Water	3511	
860-86517-5	MW-67	Total/NA	Water	3511	
860-86517-5 - RA	MW-67	Total/NA	Water	3511	
860-86517-6	MW-72	Total/NA	Water	3511	
860-86517-7 - DL	MW-66	Total/NA	Water	3511	
860-86517-7	MW-66	Total/NA	Water	3511	
860-86517-7 - RA	MW-66	Total/NA	Water	3511	

GC/MS Semi VOA (Continued)

Prep Batch: 199125 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86517-8 - DL2	MW-68	Total/NA	Water	3511	
860-86517-8	MW-68	Total/NA	Water	3511	
860-86517-8 - DL	MW-68	Total/NA	Water	3511	
860-86517-9 - DL	MW-64	Total/NA	Water	3511	
860-86517-9	MW-64	Total/NA	Water	3511	
860-86517-9 - RA	MW-64	Total/NA	Water	3511	
860-86517-10 - DL2	DUP-03	Total/NA	Water	3511	
860-86517-10 - DL	DUP-03	Total/NA	Water	3511	
860-86517-10	DUP-03	Total/NA	Water	3511	
860-86517-11	MW-69	Total/NA	Water	3511	
MB 860-199125/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-199125/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-199125/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-199125/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-199125/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 199353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-199125/1-A	Method Blank	Total/NA	Water	8270E	199125
LCS 860-199125/2-A	Lab Control Sample	Total/NA	Water	8270E	199125
LCS 860-199125/4-A	Lab Control Sample	Total/NA	Water	8270E	199125
LCSD 860-199125/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	199125
LCSD 860-199125/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	199125

Analysis Batch: 200208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86517-1	MW-71	Total/NA	Water	8270E	199125
860-86517-2	MW-70	Total/NA	Water	8270E	199125
860-86517-3	RB-03	Total/NA	Water	8270E	199125
860-86517-4	MW-65	Total/NA	Water	8270E	199125
860-86517-5	MW-67	Total/NA	Water	8270E	199125
860-86517-6	MW-72	Total/NA	Water	8270E	199125
860-86517-7	MW-66	Total/NA	Water	8270E	199125
860-86517-8	MW-68	Total/NA	Water	8270E	199125
860-86517-9	MW-64	Total/NA	Water	8270E	199125
860-86517-10	DUP-03	Total/NA	Water	8270E	199125
860-86517-11	MW-69	Total/NA	Water	8270E	199125

Prep Batch: 200832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86517-7 - REDL	MW-66	Total/NA	Water	3511	
860-86517-7 - RE	MW-66	Total/NA	Water	3511	
860-86517-8 - REDL	MW-68	Total/NA	Water	3511	
860-86517-8 - RE	MW-68	Total/NA	Water	3511	
860-86517-9 - REDL	MW-64	Total/NA	Water	3511	
860-86517-9 - RE	MW-64	Total/NA	Water	3511	
860-86517-10 - REDL	DUP-03	Total/NA	Water	3511	
860-86517-10 - RE	DUP-03	Total/NA	Water	3511	
MB 860-200832/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-200832/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-200832/4-A	Lab Control Sample	Total/NA	Water	3511	

GC/MS Semi VOA (Continued)

Prep Batch: 200832 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-200832/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-200832/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 200999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-200832/1-A	Method Blank	Total/NA	Water	8270E	200832
LCS 860-200832/2-A	Lab Control Sample	Total/NA	Water	8270E	200832
LCSD 860-200832/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	200832

Analysis Batch: 201383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86517-7 - RE	MW-66	Total/NA	Water	8270E	200832
860-86517-8 - RE	MW-68	Total/NA	Water	8270E	200832
860-86517-9 - RE	MW-64	Total/NA	Water	8270E	200832
860-86517-10 - RE	DUP-03	Total/NA	Water	8270E	200832

Analysis Batch: 201734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86517-5 - RA	MW-67	Total/NA	Water	8270E	199125
860-86517-7 - RA	MW-66	Total/NA	Water	8270E	199125
860-86517-9 - RA	MW-64	Total/NA	Water	8270E	199125

Analysis Batch: 201873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86517-7 - REDL	MW-66	Total/NA	Water	8270E	200832
860-86517-8 - REDL	MW-68	Total/NA	Water	8270E	200832
860-86517-9 - REDL	MW-64	Total/NA	Water	8270E	200832
860-86517-10 - REDL	DUP-03	Total/NA	Water	8270E	200832

Analysis Batch: 201887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-200832/4-A	Lab Control Sample	Total/NA	Water	8270E	200832
LCSD 860-200832/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	200832

Analysis Batch: 202295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86517-5 - DL	MW-67	Total/NA	Water	8270E	199125
860-86517-7 - DL	MW-66	Total/NA	Water	8270E	199125
860-86517-9 - DL	MW-64	Total/NA	Water	8270E	199125

Analysis Batch: 203501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86517-8 - DL	MW-68	Total/NA	Water	8270E	199125
860-86517-8 - DL2	MW-68	Total/NA	Water	8270E	199125
860-86517-10 - DL	DUP-03	Total/NA	Water	8270E	199125
860-86517-10 - DL2	DUP-03	Total/NA	Water	8270E	199125

Client: Ashland LLC
Job ID: 860-86517-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: MW-71
Lab Sample ID: 860-86517-1
Date Collected: 11/05/24 11:00
Matrix: Water
Date Received: 11/07/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198805	11/10/24 06:29	A1S	EET HOU
Total/NA	Prep	3511			70.2 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	200208	11/17/24 19:25	T1S	EET HOU

Client Sample ID: MW-70
Lab Sample ID: 860-86517-2
Date Collected: 11/05/24 11:21
Matrix: Water
Date Received: 11/07/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198805	11/10/24 06:52	A1S	EET HOU
Total/NA	Prep	3511			70.4 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	200208	11/17/24 19:55	T1S	EET HOU

Client Sample ID: RB-03
Lab Sample ID: 860-86517-3
Date Collected: 11/05/24 11:45
Matrix: Water
Date Received: 11/07/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198805	11/10/24 05:43	A1S	EET HOU
Total/NA	Prep	3511			70.2 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	200208	11/17/24 20:26	T1S	EET HOU

Client Sample ID: MW-65
Lab Sample ID: 860-86517-4
Date Collected: 11/05/24 11:58
Matrix: Water
Date Received: 11/07/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198805	11/10/24 07:15	A1S	EET HOU
Total/NA	Prep	3511			69.9 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	200208	11/17/24 20:56	T1S	EET HOU

Client Sample ID: MW-67
Lab Sample ID: 860-86517-5
Date Collected: 11/05/24 13:01
Matrix: Water
Date Received: 11/07/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198805	11/10/24 07:38	A1S	EET HOU
Total/NA	Analysis	8260D	DL	5	5 mL	5 mL	199006	11/11/24 18:28	KLV	EET HOU
Total/NA	Prep	3511	DL		70.2 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E	DL	20	1 mL	1 mL	202295	11/26/24 23:35	PXS	EET HOU
Total/NA	Prep	3511			70.2 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	200208	11/17/24 21:26	T1S	EET HOU
Total/NA	Prep	3511	RA		70.2 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E	RA	1	1 mL	1 mL	201734	11/24/24 05:01	EM	EET HOU

Lab Chronicle

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Client Sample ID: MW-72

Date Collected: 11/05/24 13:41
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198805	11/10/24 08:01	A1S	EET HOU
Total/NA	Prep	3511			70.3 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	200208	11/17/24 21:57	T1S	EET HOU

Client Sample ID: MW-66

Date Collected: 11/05/24 13:56
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		5	5 mL	5 mL	198805	11/10/24 09:10	A1S	EET HOU
Total/NA	Analysis	8260D	DL	50	5 mL	5 mL	199006	11/11/24 17:06	KLV	EET HOU
Total/NA	Prep	3511	REDL		70.4 mL	4 mL	200832	11/20/24 07:01	DR	EET HOU
Total/NA	Analysis	8270E	REDL	20	1 mL	1 mL	201873	11/25/24 19:49	EM	EET HOU
Total/NA	Prep	3511	DL		70.1 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E	DL	20	1 mL	1 mL	202295	11/27/24 00:04	PXS	EET HOU
Total/NA	Prep	3511			70.1 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	200208	11/17/24 22:27	T1S	EET HOU
Total/NA	Prep	3511	RE		70.4 mL	4 mL	200832	11/20/24 07:01	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	201383	11/22/24 05:09	T1S	EET HOU
Total/NA	Prep	3511	RA		70.1 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E	RA	1	1 mL	1 mL	201734	11/24/24 05:31	EM	EET HOU

Client Sample ID: MW-68

Date Collected: 11/05/24 14:29
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		5	5 mL	5 mL	198805	11/10/24 09:33	A1S	EET HOU
Total/NA	Analysis	8260D	DL	50	5 mL	5 mL	199006	11/11/24 17:26	KLV	EET HOU
Total/NA	Prep	3511	REDL		70.9 mL	4 mL	200832	11/20/24 07:01	DR	EET HOU
Total/NA	Analysis	8270E	REDL	20	1 mL	1 mL	201873	11/25/24 20:17	EM	EET HOU
Total/NA	Prep	3511			69.4 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	200208	11/17/24 22:58	T1S	EET HOU
Total/NA	Prep	3511	RE		70.9 mL	4 mL	200832	11/20/24 07:01	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	201383	11/22/24 05:39	T1S	EET HOU
Total/NA	Prep	3511	DL		69.4 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E	DL	20	1 mL	1 mL	203501	12/05/24 13:44	LPL	EET HOU
Total/NA	Prep	3511	DL2		69.4 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E	DL2	100	1 mL	1 mL	203501	12/05/24 15:46	LPL	EET HOU

Lab Chronicle

Client: Ashland LLC
Job ID: 860-86517-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: MW-64
Lab Sample ID: 860-86517-9
Date Collected: 11/05/24 14:51
Matrix: Water
Date Received: 11/07/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		5	5 mL	5 mL	198805	11/10/24 09:56	A1S	EET HOU
Total/NA	Analysis	8260D	DL	50	5 mL	5 mL	199006	11/11/24 17:47	KLV	EET HOU
Total/NA	Prep	3511	REDL		70.2 mL	4 mL	200832	11/20/24 07:01	DR	EET HOU
Total/NA	Analysis	8270E	REDL	20	1 mL	1 mL	201873	11/25/24 20:46	EM	EET HOU
Total/NA	Prep	3511	DL		70.2 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E	DL	20	1 mL	1 mL	202295	11/27/24 00:32	PXS	EET HOU
Total/NA	Prep	3511			70.2 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	200208	11/17/24 23:28	T1S	EET HOU
Total/NA	Prep	3511	RE		70.2 mL	4 mL	200832	11/20/24 07:01	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	201383	11/22/24 06:10	T1S	EET HOU
Total/NA	Prep	3511	RA		70.2 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E	RA	1	1 mL	1 mL	201734	11/24/24 06:01	EM	EET HOU

Client Sample ID: DUP-03
Lab Sample ID: 860-86517-10
Date Collected: 11/05/24 00:00
Matrix: Water
Date Received: 11/07/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D	DL	50	5 mL	5 mL	199129	11/12/24 15:38	AN	EET HOU
Total/NA	Analysis	8260D		10	5 mL	5 mL	199006	11/11/24 18:07	KLV	EET HOU
Total/NA	Prep	3511	REDL		70 mL	4 mL	200832	11/20/24 07:01	DR	EET HOU
Total/NA	Analysis	8270E	REDL	10	1 mL	1 mL	201873	11/25/24 21:14	EM	EET HOU
Total/NA	Prep	3511			70.4 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	200208	11/17/24 23:59	T1S	EET HOU
Total/NA	Prep	3511	RE		70 mL	4 mL	200832	11/20/24 07:01	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	201383	11/22/24 06:40	T1S	EET HOU
Total/NA	Prep	3511	DL		70.4 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E	DL	10	1 mL	1 mL	203501	12/05/24 14:15	LPL	EET HOU
Total/NA	Prep	3511	DL2		70.4 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E	DL2	50	1 mL	1 mL	203501	12/05/24 16:16	LPL	EET HOU

Client Sample ID: MW-69
Lab Sample ID: 860-86517-11
Date Collected: 11/05/24 15:11
Matrix: Water
Date Received: 11/07/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198805	11/10/24 08:24	A1S	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	200208	11/18/24 00:30	T1S	EET HOU

Lab Chronicle

Client: Ashland LLC
Job ID: 860-86517-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: FB-03
Date Collected: 11/05/24 15:11
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86517-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198805	11/10/24 06:06	A1S	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Ashland LLC
Job ID: 860-86517-1
Project/Site: Hercules Hattiesburg, MS

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-03-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	06-30-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	06-30-25
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86517-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-86517-1	MW-71	Water	11/05/24 11:00	11/07/24 09:52
860-86517-2	MW-70	Water	11/05/24 11:21	11/07/24 09:52
860-86517-3	RB-03	Water	11/05/24 11:45	11/07/24 09:52
860-86517-4	MW-65	Water	11/05/24 11:58	11/07/24 09:52
860-86517-5	MW-67	Water	11/05/24 13:01	11/07/24 09:52
860-86517-6	MW-72	Water	11/05/24 13:41	11/07/24 09:52
860-86517-7	MW-66	Water	11/05/24 13:56	11/07/24 09:52
860-86517-8	MW-68	Water	11/05/24 14:29	11/07/24 09:52
860-86517-9	MW-64	Water	11/05/24 14:51	11/07/24 09:52
860-86517-10	DUP-03	Water	11/05/24 00:00	11/07/24 09:52
860-86517-11	MW-69	Water	11/05/24 15:11	11/07/24 09:52
860-86517-12	FB-03	Water	11/05/24 15:11	11/07/24 09:52

4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record NIKEN

Client Information	Sampler: K. Montgomery / B. Cassidy	Lab PM: Kudchadkar Sachin G	Carrier Tracking No(s):	COC No: 860-33465-10045.1
Client Contact: Mr Antonio Cardoso	Phone: 225-205-8246	E-Mail: Sachin.Kudchadkar@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Arcadis US Inc.	PWSID:	Analysis Requested		Job #:
Address: 4300 West Cypress Street Suite 450	Due Date Requested:			Preservation Codes: N None
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33607	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 1095575			Other
Email: antonio.cardoso@arcadis.com	WO #:			
Project Name: Hercules Hattiesburg, MS	Project #: 86006085			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Ww=water, Sw=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ (MOD) Appendix 9 SVOCs	8260D (MOD) Appendix 9 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
MW-71	11/5/24	1100	G	Water	N	N	X	X	4	
MW-70	"	1121	"	Water	N	N	X	X	4	
RB-03	"	1145	"	Water	N	N	X	X	4	
MW-65	"	1158	"	Water	N	N	X	X	4	
MW-67	"	1301	"	Water	N	N	X	X	4	
MW-72	"	1341	"	Water	N	N	X	X	4	
MW-66	"	1356	"	Water	N	N	X	X	4	
MW-68	"	1429	"	Water	N	N	X	X	4	
MW-64	"	1457	"	Water	N	N	X	X	4	
DUP-03	"	-	"	Water	N	N	X	X	4	
MW-69	"	1511	"	Water	N	N	X	X	4	
RB-03	"	1511	"	Water	N	N	X	X	4	

860-86517 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements: Shares TB-01 W/ MS Dedicated Well

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	11-6-24 / 1600	ARCADIS			
Relinquished by:	Date/Time:	Company	Received by: Nevaeh	Date/Time: 11/7/24 952	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 3.2 31 H6V 369

Ver 05/06/2024

Login Sample Receipt Checklist

Client: Ashland LLC

Job Number: 860-86517-1

Login Number: 86517
List Number: 1
Creator: Jimenez, Nicanor

List Source: Eurofins Houston

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Timothy Hassett
Ashland LLC
Ashland Hercules Research Center
500 Hercules Rd Bldg 8145
Wilmington, Delaware 19808

Generated 12/11/2024 12:38:47 PM

JOB DESCRIPTION

Hercules Hattiesburg, MS

JOB NUMBER

860-86520-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
12/11/2024 12:38:47 PM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Definitions/Glossary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86520-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
B	Compound was found in the blank and sample.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
860-86520-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/7/2024 9:52 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.1°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 860-199069 recovered above the upper control limit for 1,4-Dioxane (224.4%) and 2-Chloro-1,3-butadiene (31.3%). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-199069/2).

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-199069 recovered outside acceptance criteria, low biased, for Chloroethane (-22.4%), Chloromethane (-34.4%), and Dichloro difluoromethane (-24.1%). A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260D: The laboratory control sample (LCS) for analytical batch 860-199069 recovered outside control limits for the following analytes: Isopropyl alcohol. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 860-199069 recovered outside control limits for the following analytes: Bromomethane. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 860-199069 recovered outside control limits for the following analytes: Isobutyl alcohol.

Method 8260D: The matrix spike (MS) recoveries for analytical batch 860-199069 were outside control limits. Sample matrix interference is suspected.

Method 8260D: The following samples were diluted due to being a yellow cloudy color with floating particles and foaming: MW-79 (860-86520-1) and MW-39 (860-86520-3). Elevated reporting limits (RL) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200208 recovered above the upper control limit for alpha, alpha-Dimethyl phenethylamine, 2-Toluidine, Pronamide, N-Nitrosopyrrolidine, N-Nitrosomorpholine and 3 & 4 Methylphenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted. (CCVIS 860-200208/2).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200208 recovered above the upper control limit for Dimethoate, Methyl parathion, Methapyrilene and Dinoseb. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted. (CCV 860-200208/3).

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability

that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-199353 recovered above the upper control limit for Phenacetin and N-Nitrosodi-n-propylamine. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-199353/2).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-199353 recovered above the upper control limit for Methapyrilene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-199353/3).

Method 8270E_QQQ: The method blank for preparation batch 860-199125 contained 2,2'-oxybis[1-chloropropane] above the method reporting limit (MDL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 8270E_QQQ: The laboratory control sample (LCS) for preparation batch 860-199125 and analytical batch 860-199353 recovered outside control limits for the following analytes: 2,2'-oxybis[1-chloropropane], Dimethyl phthalate, Aramite Peak 1 and 2,4-Dimethylphenol. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-199125 and analytical batch 860-199353 recovered outside control limits for the following analytes: alpha,alpha-Dimethyl phenethylamine, N-Nitrosodimethylamine, p-Phenylene diamine and Benzyl alcohol. alpha,alpha-Dimethyl phenethylamine, N-Nitrosodimethylamine and Benzyl alcohol has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. Batch precision also exceeded control limits for these analytes. These results have been reported and qualified.

Method 8270E_QQQ: The laboratory control sample duplicate (LCSD) for preparation batch 860-199125 and analytical batch 860-199353 recovered outside control limits for the following analytes: Aramite Peak 1 and 2,4-Dimethylphenol. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-199125 and analytical batch 860-199353 recovered outside control limits for the following analytes: Famphur, Ethyl Parathion, Dimethoate, Pronamide, Methyl parathion, Methapyrilene, Thionazin, Disulfoton, o,o',o"-Triethylphosphorothioate, Phorate and Sulfotepp. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200531 recovered above the upper control limit for Dinoseb, Famphur and Methapyrilene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-200531/3).

Method 8270E_QQQ: The method blank for preparation batch 860-199125 and analytical batch 860-199353 contained Phenol above the method detection limit. This target analyte concentration was less than half the reporting limit (1/2RL) in the method blank; therefore, re-extraction and re-analysis of samples was not performed.

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: MW-79 (860-86520-1). These results have been reported and qualified.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The following sample required a dilution due to the nature of the sample matrix: MW-79 (860-86520-1). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E_QQQ: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-79 (860-86520-1). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability

Job ID: 860-86520-1 (Continued) Eurofins Houston

that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The laboratory control sample duplicate (LCSD) for preparation batch 860-199125 and analytical batch 860-199353 recovered outside acceptance limit for Hexachloropropene. There was insufficient sample to perform a re-extraction or re-analysis; therefore, the data have been reported.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-203992 recovered above the upper control limit for Anthracene, Methyl methanesulfonate, p-Terphenyl-d14, 3 & 4 Methylphenol, Phenanthrene, Chrysene and Isophorone. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-203992/2).

Method 8270E_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-39 (860-86520-3) and MW-87 (860-86520-4). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The following sample required a dilution due to the nature of the sample matrix: MW-39 (860-86520-3). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86520-1

Client Sample ID: MW-79 — Lab Sample ID: 860-86520-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	8.81	J	10.0	4.55	ug/L	10		8260D	Total/NA
1,2-Dichlorobenzene	0.344	J	0.571	0.0939	ug/L	1		8270E	Total/NA
1,4-Dichlorobenzene	0.356	J	0.571	0.0778	ug/L	1		8270E	Total/NA
1,4-Dioxane	3.15		0.571	0.0889	ug/L	1		8270E	Total/NA
Acenaphthene	0.542	J	0.571	0.107	ug/L	1		8270E	Total/NA
Phenol	3.26	B	2.85	0.447	ug/L	1		8270E	Total/NA
o,o',o''-Triethylphosphorothioate	0.589	*+	0.571	0.138	ug/L	1		8270E	Total/NA
Diphenyl ether - DL	530		57.1	9.09	ug/L	100		8270E	Total/NA

Client Sample ID: MW-86 — Lab Sample ID: 860-86520-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	2.12	J	5.00	1.39	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.272	J	0.577	0.0899	ug/L	1		8270E	Total/NA
2,4-Dinitrophenol	0.675	J I	2.89	0.105	ug/L	1		8270E	Total/NA
Diphenyl ether	9.08		0.577	0.0919	ug/L	1		8270E	Total/NA

Client Sample ID: MW-39 — Lab Sample ID: 860-86520-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	5.33	J	10.0	4.60	ug/L	10		8260D	Total/NA
Chlorobenzene	11.2		10.0	4.55	ug/L	10		8260D	Total/NA
1,2-Dichlorobenzene	0.371	J	0.576	0.0949	ug/L	1		8270E	Total/NA
1,4-Dichlorobenzene	0.417	J	0.576	0.0786	ug/L	1		8270E	Total/NA
1,4-Dioxane	4.51		0.576	0.0898	ug/L	1		8270E	Total/NA
Acenaphthene	0.316	J	0.576	0.108	ug/L	1		8270E	Total/NA
Aniline	0.135	J I	0.576	0.0585	ug/L	1		8270E	Total/NA
Fluorene	0.141	J	0.576	0.0956	ug/L	1		8270E	Total/NA
Naphthalene	0.225	J	0.576	0.0953	ug/L	1		8270E	Total/NA
Phenol	3.75	I B	2.88	0.452	ug/L	1		8270E	Total/NA
o,o',o''-Triethylphosphorothioate	0.313	J *+	0.576	0.139	ug/L	1		8270E	Total/NA
Diphenyl ether - DL	405		57.6	9.18	ug/L	100		8270E	Total/NA

Client Sample ID: MW-87 — Lab Sample ID: 860-86520-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	0.142	J	0.571	0.0941	ug/L	1		8270E	Total/NA
1,4-Dichlorobenzene	0.145	J	0.571	0.0779	ug/L	1		8270E	Total/NA
1,4-Dioxane	1.93		0.571	0.0890	ug/L	1		8270E	Total/NA
Acenaphthene	0.111	J	0.571	0.107	ug/L	1		8270E	Total/NA
Aniline	0.0759	J I	0.571	0.0580	ug/L	1		8270E	Total/NA
Phenol	1.72	J I B	2.86	0.448	ug/L	1		8270E	Total/NA
Diphenyl ether - DL	116		11.4	1.82	ug/L	20		8270E	Total/NA

Client Sample ID: MW-85 — Lab Sample ID: 860-86520-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.122	J I	0.571	0.0890	ug/L	1		8270E	Total/NA

Client Sample ID: TB-01 (110524) — Lab Sample ID: 860-86520-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	3.83	J	5.00	1.73	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86520-1

Client Sample ID: MW-79

Date Collected: 11/05/24 08:27
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-1

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<6.44	U	10.0	6.44	ug/L			11/12/24 10:17	10
1,1,1-Trichloroethane	<5.85	U	50.0	5.85	ug/L			11/12/24 10:17	10
1,1,2,2-Tetrachloroethane	<4.70	U	10.0	4.70	ug/L			11/12/24 10:17	10
1,1,2-Trichloro-1,2,2-trifluoroethane	<11.1	U	100	11.1	ug/L			11/12/24 10:17	10
1,1,2-Trichloroethane	<4.11	U	10.0	4.11	ug/L			11/12/24 10:17	10
1,1-Dichloroethane	<6.35	U	10.0	6.35	ug/L			11/12/24 10:17	10
1,1-Dichloroethene	<7.38	U	10.0	7.38	ug/L			11/12/24 10:17	10
1,2,3-Trichloropropane	<4.70	U	10.0	4.70	ug/L			11/12/24 10:17	10
1,2,4-Trimethylbenzene	<4.17	U	10.0	4.17	ug/L			11/12/24 10:17	10
1,2-Dibromo-3-Chloropropane	<6.71	U	50.0	6.71	ug/L			11/12/24 10:17	10
1,2-Dibromoethane	<9.99	U	50.0	9.99	ug/L			11/12/24 10:17	10
1,2-Dichloroethane	<3.72	U	10.0	3.72	ug/L			11/12/24 10:17	10
1,2-Dichloropropane	<5.56	U	50.0	5.56	ug/L			11/12/24 10:17	10
1,3,5-Trimethylbenzene	<4.11	U	10.0	4.11	ug/L			11/12/24 10:17	10
1,3-Butadiene	<5.68	U	10.0	5.68	ug/L			11/12/24 10:17	10
2,2,4-Trimethylpentane	<5.00	U	50.0	5.00	ug/L			11/12/24 10:17	10
2-Butanone (MEK)	<82.8	U	500	82.8	ug/L			11/12/24 10:17	10
2-Hexanone (MBK)	<50.0	U	500	50.0	ug/L			11/12/24 10:17	10
2-Propanol	<52.3	U *+	100	52.3	ug/L			11/12/24 10:17	10
3-Chloropropene (Allyl Chloride)	<5.97	U	50.0	5.97	ug/L			11/12/24 10:17	10
4-Methyl-2-pentanone	<50.0	U	500	50.0	ug/L			11/12/24 10:17	10
Acetone	<30.7	U	1000	30.7	ug/L			11/12/24 10:17	10
Acetonitrile	<146	U	1000	146	ug/L			11/12/24 10:17	10
Acrolein	<111	U	500	111	ug/L			11/12/24 10:17	10
Acrylonitrile	<143	U	500	143	ug/L			11/12/24 10:17	10
alpha-Chlorotoluene	<22.6	U	50.0	22.6	ug/L			11/12/24 10:17	10
Benzene	<4.60	U	10.0	4.60	ug/L			11/12/24 10:17	10
Bromodichloromethane	<5.52	U	10.0	5.52	ug/L			11/12/24 10:17	10
Bromoform	<6.33	U	50.0	6.33	ug/L			11/12/24 10:17	10
Bromomethane	<14.2	U *1	50.0	14.2	ug/L			11/12/24 10:17	10
Carbon disulfide	<16.5	U	50.0	16.5	ug/L			11/12/24 10:17	10
Carbon tetrachloride	<8.96	U	50.0	8.96	ug/L			11/12/24 10:17	10
Chlorobenzene	**8.81**	**J**	10.0	4.55	ug/L			11/12/24 10:17	10
Chlorodibromomethane	<5.47	U	50.0	5.47	ug/L			11/12/24 10:17	10
Chloroethane	<19.8	U	100	19.8	ug/L			11/12/24 10:17	10
Chloroform	<4.64	U	10.0	4.64	ug/L			11/12/24 10:17	10
Chloromethane	<20.4	U	100	20.4	ug/L			11/12/24 10:17	10
Chloroprene	<5.98	U	50.0	5.98	ug/L			11/12/24 10:17	10
cis-1,2-Dichloroethene	<4.57	U	10.0	4.57	ug/L			11/12/24 10:17	10
cis-1,3-Dichloropropene	<10.7	U	50.0	10.7	ug/L			11/12/24 10:17	10
Cumene (isopropylbenzene)	<5.92	U	10.0	5.92	ug/L			11/12/24 10:17	10
Cyclohexane	<12.9	U	50.0	12.9	ug/L			11/12/24 10:17	10
Dibromomethane	<3.57	U	10.0	3.57	ug/L			11/12/24 10:17	10
Dichlorodifluoromethane	<7.85	U	10.0	7.85	ug/L			11/12/24 10:17	10
Ethyl methacrylate	<11.2	U	50.0	11.2	ug/L			11/12/24 10:17	10
Ethylbenzene	<3.85	U	10.0	3.85	ug/L			11/12/24 10:17	10
Hexane	<5.17	U	50.0	5.17	ug/L			11/12/24 10:17	10
Iodomethane	<50.0	U	200	50.0	ug/L			11/12/24 10:17	10
Isobutanol	<171	U *1	500	171	ug/L			11/12/24 10:17	10

Client Sample ID: MW-79

Date Collected: 11/05/24 08:27
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-1

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<27.2	U	100	27.2	ug/L			11/12/24 10:17	10
Methyl methacrylate	<22.5	U	100	22.5	ug/L			11/12/24 10:17	10
Methyl tert-butyl ether	<13.9	U	50.0	13.9	ug/L			11/12/24 10:17	10
Methylene Chloride	<17.3	U	50.0	17.3	ug/L			11/12/24 10:17	10
Propionitrile	<33.4	U	100	33.4	ug/L			11/12/24 10:17	10
Propylbenzene	<4.29	U	10.0	4.29	ug/L			11/12/24 10:17	10
Styrene	<6.19	U	10.0	6.19	ug/L			11/12/24 10:17	10
Tetrachloroethene	<6.55	U	10.0	6.55	ug/L			11/12/24 10:17	10
Tetrahydrofuran	<18.3	U	100	18.3	ug/L			11/12/24 10:17	10
Toluene	<4.75	U	10.0	4.75	ug/L			11/12/24 10:17	10
trans-1,2-Dichloroethene	<3.68	U	10.0	3.68	ug/L			11/12/24 10:17	10
trans-1,3-Dichloropropene	<12.7	U	50.0	12.7	ug/L			11/12/24 10:17	10
trans-1,4-Dichloro-2-butene	<13.5	U	100	13.5	ug/L			11/12/24 10:17	10
Trichloroethene	<15.0	U	50.0	15.0	ug/L			11/12/24 10:17	10
Trichlorofluoromethane	<5.60	U	10.0	5.60	ug/L			11/12/24 10:17	10
Vinyl acetate	<21.4	U	200	21.4	ug/L			11/12/24 10:17	10
Vinyl chloride	<4.28	U	20.0	4.28	ug/L			11/12/24 10:17	10
Xylenes, Total	<12.4	U	100	12.4	ug/L			11/12/24 10:17	10
m,p-Xylenes	<0.0124	U	0.100	0.0124	mg/L			11/12/24 10:17	10
o-Xylene	<0.00502	U	0.0100	0.00502	mg/L			11/12/24 10:17	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*11/12/24 10:17*	*10*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*11/12/24 10:17*	*10*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*11/12/24 10:17*	*10*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/12/24 10:17*	*10*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0765	U	0.571	0.0765	ug/L		11/12/24 06:44	11/18/24 01:00	1
1,2-Dichlorobenzene	**0.344**	**J**	0.571	0.0939	ug/L		11/12/24 06:44	11/18/24 01:00	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/12/24 06:44	11/18/24 01:00	1
1,4-Dichlorobenzene	**0.356**	**J**	0.571	0.0778	ug/L		11/12/24 06:44	11/18/24 01:00	1
2,2'-oxybis[1-chloropropane]	<1.43	U *+	2.85	1.43	ug/L		11/12/24 06:44	11/18/24 01:00	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/12/24 06:44	11/18/24 01:00	1
2,4,6-Trichlorophenol	<0.230	U	0.571	0.230	ug/L		11/12/24 06:44	11/18/24 01:00	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/12/24 06:44	11/18/24 01:00	1
2,4-Dimethylphenol	<0.192	U *+	0.571	0.192	ug/L		11/12/24 06:44	11/18/24 01:00	1
1,4-Dioxane	**3.15**		0.571	0.0889	ug/L		11/12/24 06:44	11/18/24 01:00	1
2,4-Dinitrophenol	<0.104	U	2.85	0.104	ug/L		11/12/24 06:44	11/18/24 01:00	1
2,4-Dinitrotoluene	<0.204	U	0.571	0.204	ug/L		11/12/24 06:44	11/18/24 01:00	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/12/24 06:44	11/18/24 01:00	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/12/24 06:44	11/18/24 01:00	1
2-Methylnaphthalene	<0.0602	U	0.571	0.0602	ug/L		11/12/24 06:44	11/18/24 01:00	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/12/24 06:44	11/18/24 01:00	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/12/24 06:44	11/18/24 01:00	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/12/24 06:44	11/18/24 01:00	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/12/24 06:44	11/18/24 01:00	1
3-Nitroaniline	<0.0851	U	0.571	0.0851	ug/L		11/12/24 06:44	11/18/24 01:00	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/12/24 06:44	11/18/24 01:00	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86520-1

Client Sample ID: MW-79
Date Collected: 11/05/24 08:27
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	11/18/24 01:00	1
4-Chloro-3-methylphenol	<0.103	U	0.571	0.103	ug/L		11/12/24 06:44	11/18/24 01:00	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/12/24 06:44	11/18/24 01:00	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/12/24 06:44	11/18/24 01:00	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/12/24 06:44	11/18/24 01:00	1
Acenaphthene	**0.542**	**J**	0.571	0.107	ug/L		11/12/24 06:44	11/18/24 01:00	1
Acenaphthylene	<0.0995	U	0.571	0.0995	ug/L		11/12/24 06:44	11/18/24 01:00	1
Aniline	<0.0579	U	0.571	0.0579	ug/L		11/12/24 06:44	11/18/24 01:00	1
Anthracene	<0.0937	U	0.571	0.0937	ug/L		11/12/24 06:44	11/18/24 01:00	1
Benzo[a]anthracene	<0.0285	U	0.0285	0.0285	ug/L		11/12/24 06:44	11/18/24 01:00	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/12/24 06:44	11/18/24 01:00	1
Benzo[b]fluoranthene	<0.0663	U	0.571	0.0663	ug/L		11/12/24 06:44	11/18/24 01:00	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/12/24 06:44	11/18/24 01:00	1
Benzo[k]fluoranthene	<0.0472	U	0.571	0.0472	ug/L		11/12/24 06:44	11/18/24 01:00	1
Benzyl alcohol	<0.599	U *-	1.14	0.599	ug/L		11/12/24 06:44	11/18/24 01:00	1
Bis(2-chloroethoxy)methane	<0.0973	U	0.571	0.0973	ug/L		11/12/24 06:44	11/18/24 01:00	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/12/24 06:44	11/18/24 01:00	1
Bis(2-ethylhexyl) phthalate	<0.899	U	1.14	0.899	ug/L		11/12/24 06:44	11/18/24 01:00	1
Butyl benzyl phthalate	<0.499	U	1.14	0.499	ug/L		11/12/24 06:44	11/18/24 01:00	1
Chrysene	<0.0814	U	0.571	0.0814	ug/L		11/12/24 06:44	11/18/24 01:00	1
Dibenz(a,h)anthracene	<0.0508	U	0.114	0.0508	ug/L		11/12/24 06:44	11/18/24 01:00	1
Dibenzofuran	<0.106	U	0.571	0.106	ug/L		11/12/24 06:44	11/18/24 01:00	1
Diethyl phthalate	<0.154	U	1.14	0.154	ug/L		11/12/24 06:44	11/18/24 01:00	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/12/24 06:44	11/18/24 01:00	1
Di-n-butyl phthalate	<0.764	U	1.14	0.764	ug/L		11/12/24 06:44	11/18/24 01:00	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/12/24 06:44	11/18/24 01:00	1
Fluoranthene	<0.0882	U	0.571	0.0882	ug/L		11/12/24 06:44	11/18/24 01:00	1
Fluorene	<0.0947	U	0.571	0.0947	ug/L		11/12/24 06:44	11/18/24 01:00	1
Hexachlorobenzene	<0.0973	U	0.571	0.0973	ug/L		11/12/24 06:44	11/18/24 01:00	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/12/24 06:44	11/18/24 01:00	1
Hexachlorocyclopentadiene	<0.0511	U	0.571	0.0511	ug/L		11/12/24 06:44	11/18/24 01:00	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/12/24 06:44	11/18/24 01:00	1
Indeno[1,2,3-cd]pyrene	<0.0999	U	0.571	0.0999	ug/L		11/12/24 06:44	11/18/24 01:00	1
Isophorone	<0.106	U	0.571	0.106	ug/L		11/12/24 06:44	11/18/24 01:00	1
Naphthalene	<0.0943	U	0.571	0.0943	ug/L		11/12/24 06:44	11/18/24 01:00	1
Nitrobenzene	<0.0735	U	0.571	0.0735	ug/L		11/12/24 06:44	11/18/24 01:00	1
N-Nitrosodi-n-propylamine	<0.118	U	0.571	0.118	ug/L		11/12/24 06:44	11/18/24 01:00	1
N-Nitrosodiphenylamine	<0.144	U	0.571	0.144	ug/L		11/12/24 06:44	11/18/24 01:00	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/12/24 06:44	11/18/24 01:00	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/12/24 06:44	11/18/24 01:00	1
Phenol	**3.26**	**B**	2.85	0.447	ug/L		11/12/24 06:44	11/18/24 01:00	1
Pyrene	<0.0847	U	0.571	0.0847	ug/L		11/12/24 06:44	11/18/24 01:00	1
Pyridine	<1.44	U	2.85	1.44	ug/L		11/12/24 06:44	11/18/24 01:00	1
N-Nitro-o-toluidine	<0.519	U	1.14	0.519	ug/L		11/12/24 06:44	11/18/24 01:00	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.571	0.210	ug/L		11/12/24 06:44	11/18/24 01:00	1
Acetophenone	<0.623	U	1.14	0.623	ug/L		11/12/24 06:44	11/18/24 01:00	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/12/24 06:44	11/18/24 01:00	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/12/24 06:44	11/18/24 01:00	1
1,1'-Biphenyl	<0.0980	U	0.571	0.0980	ug/L		11/12/24 06:44	11/18/24 01:00	1

Client Sample ID: MW-79

Date Collected: 11/05/24 08:27
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-1

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Aminobiphenyl	<0.393	U	0.571	0.393	ug/L		11/12/24 06:44	11/18/24 01:00	1
1,2,4,5-Tetrachlorobenzene	<0.0956	U	0.571	0.0956	ug/L		11/12/24 06:44	11/18/24 01:00	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/12/24 06:44	11/18/24 01:00	1
1,3-Dinitrobenzene	<0.0772	U	0.571	0.0772	ug/L		11/12/24 06:44	11/18/24 01:00	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/12/24 06:44	11/18/24 01:00	1
1-Naphthylamine	<0.148	U	0.571	0.148	ug/L		11/12/24 06:44	11/18/24 01:00	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/12/24 06:44	11/18/24 01:00	1
2-Acetylaminofluorene	<1.26	U *+	2.85	1.26	ug/L		11/12/24 06:44	11/18/24 01:00	1
2-Chlorophenol	<0.0755	U	0.571	0.0755	ug/L		11/12/24 06:44	11/18/24 01:00	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/12/24 06:44	11/18/24 01:00	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/12/24 06:44	11/18/24 01:00	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/12/24 06:44	11/18/24 01:00	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/12/24 06:44	11/18/24 01:00	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/12/24 06:44	11/18/24 01:00	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/12/24 06:44	11/18/24 01:00	1
4-Nitroquinoline-1-oxide	<0.729	U	1.14	0.729	ug/L		11/12/24 06:44	11/18/24 01:00	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/12/24 06:44	11/18/24 01:00	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U *- *1	5.71	3.67	ug/L		11/12/24 06:44	11/18/24 01:00	1
Aramite Peak 1	<0.0784	U *+	0.571	0.0784	ug/L		11/12/24 06:44	11/18/24 01:00	1
Aramite Peak 2	<0.0952	U	0.571	0.0952	ug/L		11/12/24 06:44	11/18/24 01:00	1
Aramite, Total	<0.0952	U	0.571	0.0952	ug/L		11/12/24 06:44	11/18/24 01:00	1
Diallate	<0.0834	U	0.571	0.0834	ug/L		11/12/24 06:44	11/18/24 01:00	1
Diallate Peak 1	<0.0834	U	0.571	0.0834	ug/L		11/12/24 06:44	11/18/24 01:00	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/12/24 06:44	11/18/24 01:00	1
Dimethoate	<0.121	U *+	0.571	0.121	ug/L		11/12/24 06:44	11/18/24 01:00	1
Dinoseb	<0.569	U *+	2.85	0.569	ug/L		11/12/24 06:44	11/18/24 01:00	1
Disulfoton	<0.202	U *+	0.571	0.202	ug/L		11/12/24 06:44	11/18/24 01:00	1
Ethyl methanesulfonate	<0.226	U	0.571	0.226	ug/L		11/12/24 06:44	11/18/24 01:00	1
Ethyl Parathion	<0.0501	U *+	0.228	0.0501	ug/L		11/12/24 06:44	11/18/24 01:00	1
Famphur	<0.151	U *+	1.14	0.151	ug/L		11/12/24 06:44	11/18/24 01:00	1
Hexachloropropene	<0.299	U *-	0.571	0.299	ug/L		11/12/24 06:44	11/18/24 01:00	1
Isosafrole	<0.240	U	0.571	0.240	ug/L		11/12/24 06:44	11/18/24 01:00	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/12/24 06:44	11/18/24 01:00	1
Isosafrole Peak 2	<0.240	U	0.571	0.240	ug/L		11/12/24 06:44	11/18/24 01:00	1
Methapyrilene	<0.998	U *+	2.28	0.998	ug/L		11/12/24 06:44	11/18/24 01:00	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/12/24 06:44	11/18/24 01:00	1
Methyl parathion	<0.319	U *+	0.571	0.319	ug/L		11/12/24 06:44	11/18/24 01:00	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/12/24 06:44	11/18/24 01:00	1
N-Nitrosodimethylamine	<0.0999	U *-	0.571	0.0999	ug/L		11/12/24 06:44	11/18/24 01:00	1
N-Nitrosodi-n-butylamine	<0.515	U	1.14	0.515	ug/L		11/12/24 06:44	11/18/24 01:00	1
N-Nitrosomethylethylamine	<0.293	U	0.571	0.293	ug/L		11/12/24 06:44	11/18/24 01:00	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/12/24 06:44	11/18/24 01:00	1
N-Nitrosopyrrolidine	<0.267	U *- *1	0.571	0.267	ug/L		11/12/24 06:44	11/18/24 01:00	1
o,o',o''-Triethylphosphorothioate	**0.589**	***+**	0.571	0.138	ug/L		11/12/24 06:44	11/18/24 01:00	1
p-Dimethylamino azobenzene	<0.0237	U *+	0.571	0.0237	ug/L		11/12/24 06:44	11/18/24 01:00	1
Pentachloronitrobenzene	<0.0999	U	0.571	0.0999	ug/L		11/12/24 06:44	11/18/24 01:00	1
Phenacetin	<0.0999	U	0.571	0.0999	ug/L		11/12/24 06:44	11/18/24 01:00	1
Phorate	<0.221	U *+	0.571	0.221	ug/L		11/12/24 06:44	11/18/24 01:00	1
p-Phenylene diamine	<0.499	U *- *1	1.14	0.499	ug/L		11/12/24 06:44	11/18/24 01:00	1

Client Sample ID: MW-79

Date Collected: 11/05/24 08:27
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pronamide	<0.0999	U *+	0.571	0.0999	ug/L		11/12/24 06:44	11/18/24 01:00	1
Safrole, Total	<0.0570	U	0.571	0.0570	ug/L		11/12/24 06:44	11/18/24 01:00	1
Sulfotepp	<0.146	U *+	0.571	0.146	ug/L		11/12/24 06:44	11/18/24 01:00	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/12/24 06:44	11/18/24 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*150*	*S1+*	*35 - 130*	*11/12/24 06:44*	*11/18/24 01:00*	*1*
2-Fluorobiphenyl	*105*		*43 - 130*	*11/12/24 06:44*	*11/18/24 01:00*	*1*
2-Fluorophenol (Surr)	*80*		*19 - 120*	*11/12/24 06:44*	*11/18/24 01:00*	*1*
Nitrobenzene-d5 (Surr)	*144*	*S1+*	*37 - 133*	*11/12/24 06:44*	*11/18/24 01:00*	*1*
Phenol-d5 (Surr)	*50*		*8 - 124*	*11/12/24 06:44*	*11/18/24 01:00*	*1*
p-Terphenyl-d14	*122*		*47 - 130*	*11/12/24 06:44*	*11/18/24 01:00*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	**530**		57.1	9.09	ug/L		11/12/24 06:44	11/26/24 23:07	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*5*	*S1- I*	*35 - 130*	*11/12/24 06:44*	*11/26/24 23:07*	*100*
2-Fluorobiphenyl	*147*	*S1+*	*43 - 130*	*11/12/24 06:44*	*11/26/24 23:07*	*100*
2-Fluorophenol (Surr)	*95*		*19 - 120*	*11/12/24 06:44*	*11/26/24 23:07*	*100*
Nitrobenzene-d5 (Surr)	*198*	*S1+*	*37 - 133*	*11/12/24 06:44*	*11/26/24 23:07*	*100*
Phenol-d5 (Surr)	*242*	*I S1+*	*8 - 124*	*11/12/24 06:44*	*11/26/24 23:07*	*100*
p-Terphenyl-d14	*145*	*S1+*	*47 - 130*	*11/12/24 06:44*	*11/26/24 23:07*	*100*

Client Sample ID: MW-86

Date Collected: 11/05/24 08:58
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 07:13	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 07:13	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 07:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/12/24 07:13	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 07:13	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 07:13	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 07:13	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 07:13	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 07:13	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 07:13	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 07:13	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 07:13	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 07:13	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 07:13	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 07:13	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/12/24 07:13	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 07:13	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 07:13	1
2-Propanol	<5.23	U *+	10.0	5.23	ug/L			11/12/24 07:13	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 07:13	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86520-1

Client Sample ID: MW-86
Date Collected: 11/05/24 08:58
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 07:13	1
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 07:13	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 07:13	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 07:13	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 07:13	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 07:13	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/12/24 07:13	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 07:13	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 07:13	1
Bromomethane	<1.42	U *1	5.00	1.42	ug/L			11/12/24 07:13	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 07:13	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 07:13	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 07:13	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 07:13	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 07:13	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 07:13	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 07:13	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 07:13	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 07:13	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 07:13	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/12/24 07:13	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 07:13	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 07:13	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 07:13	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 07:13	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/12/24 07:13	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/12/24 07:13	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 07:13	1
Isobutanol	<17.1	U *1	50.0	17.1	ug/L			11/12/24 07:13	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 07:13	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 07:13	1
Methyl tert-butyl ether	**2.12**	**J**	5.00	1.39	ug/L			11/12/24 07:13	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/12/24 07:13	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 07:13	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 07:13	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 07:13	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 07:13	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 07:13	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 07:13	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 07:13	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 07:13	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 07:13	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 07:13	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 07:13	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 07:13	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 07:13	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 07:13	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 07:13	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 07:13	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86520-1

Client Sample ID: MW-86

Date Collected: 11/05/24 08:58
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-2

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*11/12/24 07:13*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*11/12/24 07:13*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*11/12/24 07:13*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/12/24 07:13*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0774	U	0.577	0.0774	ug/L		11/12/24 06:44	11/19/24 06:36	1
1,2-Dichlorobenzene	<0.0950	U	0.577	0.0950	ug/L		11/12/24 06:44	11/19/24 06:36	1
1,3-Dichlorobenzene	<0.103	U	0.577	0.103	ug/L		11/12/24 06:44	11/19/24 06:36	1
1,4-Dichlorobenzene	<0.0787	U	0.577	0.0787	ug/L		11/12/24 06:44	11/19/24 06:36	1
2,2'-oxybis[1-chloropropane]	<1.44	U *+	2.89	1.44	ug/L		11/12/24 06:44	11/19/24 06:36	1
2,4,5-Trichlorophenol	<0.145	U	0.577	0.145	ug/L		11/12/24 06:44	11/19/24 06:36	1
2,4,6-Trichlorophenol	<0.233	U	0.577	0.233	ug/L		11/12/24 06:44	11/19/24 06:36	1
2,4-Dichlorophenol	<0.141	U	0.577	0.141	ug/L		11/12/24 06:44	11/19/24 06:36	1
2,4-Dimethylphenol	<0.194	U *+	0.577	0.194	ug/L		11/12/24 06:44	11/19/24 06:36	1
1,4-Dioxane	**0.272**	**J**	0.577	0.0899	ug/L		11/12/24 06:44	11/19/24 06:36	1
2,4-Dinitrophenol	**0.675**	**J I**	2.89	0.105	ug/L		11/12/24 06:44	11/19/24 06:36	1
2,4-Dinitrotoluene	<0.207	U	0.577	0.207	ug/L		11/12/24 06:44	11/19/24 06:36	1
2,6-Dinitrotoluene	<0.117	U	0.577	0.117	ug/L		11/12/24 06:44	11/19/24 06:36	1
2-Chloronaphthalene	<0.382	U	0.577	0.382	ug/L		11/12/24 06:44	11/19/24 06:36	1
2-Methylnaphthalene	<0.0609	U	0.577	0.0609	ug/L		11/12/24 06:44	11/19/24 06:36	1
2-Methylphenol	<0.106	U	0.577	0.106	ug/L		11/12/24 06:44	11/19/24 06:36	1
2-Nitroaniline	<0.150	U	0.577	0.150	ug/L		11/12/24 06:44	11/19/24 06:36	1
2-Nitrophenol	<0.137	U	0.577	0.137	ug/L		11/12/24 06:44	11/19/24 06:36	1
3 & 4 Methylphenol	<0.140	U	0.577	0.140	ug/L		11/12/24 06:44	11/19/24 06:36	1
3-Nitroaniline	<0.0861	U	0.577	0.0861	ug/L		11/12/24 06:44	11/19/24 06:36	1
4,6-Dinitro-2-methylphenol	<0.203	U	1.15	0.203	ug/L		11/12/24 06:44	11/19/24 06:36	1
4-Bromophenyl phenyl ether	<0.101	U	0.577	0.101	ug/L		11/12/24 06:44	11/19/24 06:36	1
4-Chloro-3-methylphenol	<0.105	U	0.577	0.105	ug/L		11/12/24 06:44	11/19/24 06:36	1
4-Chloroaniline	<0.0389	U	0.577	0.0389	ug/L		11/12/24 06:44	11/19/24 06:36	1
4-Chlorophenyl phenyl ether	<0.132	U	0.577	0.132	ug/L		11/12/24 06:44	11/19/24 06:36	1
4-Nitroaniline	<0.110	U	0.577	0.110	ug/L		11/12/24 06:44	11/19/24 06:36	1
Acenaphthene	<0.109	U	0.577	0.109	ug/L		11/12/24 06:44	11/19/24 06:36	1
Acenaphthylene	<0.101	U	0.577	0.101	ug/L		11/12/24 06:44	11/19/24 06:36	1
Aniline	<0.0585	U	0.577	0.0585	ug/L		11/12/24 06:44	11/19/24 06:36	1
Anthracene	<0.0947	U	0.577	0.0947	ug/L		11/12/24 06:44	11/19/24 06:36	1
Benzo[a]anthracene	<0.0289	U	0.0289	0.0289	ug/L		11/12/24 06:44	11/19/24 06:36	1
Benzo[a]pyrene	<0.0303	U	0.0577	0.0303	ug/L		11/12/24 06:44	11/19/24 06:36	1
Benzo[b]fluoranthene	<0.0671	U	0.577	0.0671	ug/L		11/12/24 06:44	11/19/24 06:36	1
Benzo[g,h,i]perylene	<0.0349	U	0.577	0.0349	ug/L		11/12/24 06:44	11/19/24 06:36	1
Benzo[k]fluoranthene	<0.0477	U	0.577	0.0477	ug/L		11/12/24 06:44	11/19/24 06:36	1
Benzyl alcohol	<0.606	U *-	1.15	0.606	ug/L		11/12/24 06:44	11/19/24 06:36	1
Bis(2-chloroethoxy)methane	<0.0984	U	0.577	0.0984	ug/L		11/12/24 06:44	11/19/24 06:36	1
Bis(2-chloroethyl)ether	<0.216	U	0.577	0.216	ug/L		11/12/24 06:44	11/19/24 06:36	1
Bis(2-ethylhexyl) phthalate	<0.909	U	1.15	0.909	ug/L		11/12/24 06:44	11/19/24 06:36	1
Butyl benzyl phthalate	<0.505	U	1.15	0.505	ug/L		11/12/24 06:44	11/19/24 06:36	1
Chrysene	<0.0824	U	0.577	0.0824	ug/L		11/12/24 06:44	11/19/24 06:36	1
Dibenz(a,h)anthracene	<0.0514	U	0.115	0.0514	ug/L		11/12/24 06:44	11/19/24 06:36	1
Dibenzofuran	<0.108	U	0.577	0.108	ug/L		11/12/24 06:44	11/19/24 06:36	1

Client Sample ID: MW-86
Date Collected: 11/05/24 08:58
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	<0.156	U	1.15	0.156	ug/L		11/12/24 06:44	11/19/24 06:36	1
Dimethyl phthalate	<0.109	U *+	1.15	0.109	ug/L		11/12/24 06:44	11/19/24 06:36	1
Di-n-butyl phthalate	<0.773	U	1.15	0.773	ug/L		11/12/24 06:44	11/19/24 06:36	1
Di-n-octyl phthalate	<0.272	U	1.15	0.272	ug/L		11/12/24 06:44	11/19/24 06:36	1
Fluoranthene	<0.0892	U	0.577	0.0892	ug/L		11/12/24 06:44	11/19/24 06:36	1
Fluorene	<0.0958	U	0.577	0.0958	ug/L		11/12/24 06:44	11/19/24 06:36	1
Hexachlorobenzene	<0.0985	U	0.577	0.0985	ug/L		11/12/24 06:44	11/19/24 06:36	1
Hexachlorobutadiene	<0.104	U	0.577	0.104	ug/L		11/12/24 06:44	11/19/24 06:36	1
Hexachlorocyclopentadiene	<0.0517	U	0.577	0.0517	ug/L		11/12/24 06:44	11/19/24 06:36	1
Hexachloroethane	<0.103	U	0.577	0.103	ug/L		11/12/24 06:44	11/19/24 06:36	1
Indeno[1,2,3-cd]pyrene	<0.101	U	0.577	0.101	ug/L		11/12/24 06:44	11/19/24 06:36	1
Isophorone	<0.108	U	0.577	0.108	ug/L		11/12/24 06:44	11/19/24 06:36	1
Naphthalene	<0.0954	U	0.577	0.0954	ug/L		11/12/24 06:44	11/19/24 06:36	1
Nitrobenzene	<0.0744	U	0.577	0.0744	ug/L		11/12/24 06:44	11/19/24 06:36	1
N-Nitrosodi-n-propylamine	<0.120	U	0.577	0.120	ug/L		11/12/24 06:44	11/19/24 06:36	1
N-Nitrosodiphenylamine	<0.146	U	0.577	0.146	ug/L		11/12/24 06:44	11/19/24 06:36	1
Pentachlorophenol	<1.05	U	1.15	1.05	ug/L		11/12/24 06:44	11/19/24 06:36	1
Phenanthrene	<0.135	U	0.577	0.135	ug/L		11/12/24 06:44	11/19/24 06:36	1
Phenol	<0.453	U	2.89	0.453	ug/L		11/12/24 06:44	11/19/24 06:36	1
Pyrene	<0.0857	U	0.577	0.0857	ug/L		11/12/24 06:44	11/19/24 06:36	1
Pyridine	<1.45	U	2.89	1.45	ug/L		11/12/24 06:44	11/19/24 06:36	1
N-Nitro-o-toluidine	<0.525	U	1.15	0.525	ug/L		11/12/24 06:44	11/19/24 06:36	1
2,3,4,6-Tetrachlorophenol	<0.213	U	0.577	0.213	ug/L		11/12/24 06:44	11/19/24 06:36	1
Acetophenone	<0.630	U	1.15	0.630	ug/L		11/12/24 06:44	11/19/24 06:36	1
N-Nitrosopiperidine	<0.472	U	1.15	0.472	ug/L		11/12/24 06:44	11/19/24 06:36	1
Pentachlorobenzene	<0.269	U	0.577	0.269	ug/L		11/12/24 06:44	11/19/24 06:36	1
Diphenyl ether	**9.08**		0.577	0.0919	ug/L		11/12/24 06:44	11/19/24 06:36	1
1,1'-Biphenyl	<0.0991	U	0.577	0.0991	ug/L		11/12/24 06:44	11/19/24 06:36	1
4-Aminobiphenyl	<0.398	U	0.577	0.398	ug/L		11/12/24 06:44	11/19/24 06:36	1
1,2,4,5-Tetrachlorobenzene	<0.0967	U	0.577	0.0967	ug/L		11/12/24 06:44	11/19/24 06:36	1
1,3,5-Trinitrobenzene	<0.120	U	0.577	0.120	ug/L		11/12/24 06:44	11/19/24 06:36	1
1,3-Dinitrobenzene	<0.0781	U	0.577	0.0781	ug/L		11/12/24 06:44	11/19/24 06:36	1
1,4-Naphthoquinone	<0.317	U	0.577	0.317	ug/L		11/12/24 06:44	11/19/24 06:36	1
1-Naphthylamine	<0.150	U	0.577	0.150	ug/L		11/12/24 06:44	11/19/24 06:36	1
2,6-Dichlorophenol	<0.119	U	0.577	0.119	ug/L		11/12/24 06:44	11/19/24 06:36	1
2-Acetylaminofluorene	<1.28	U	2.89	1.28	ug/L		11/12/24 06:44	11/19/24 06:36	1
2-Chlorophenol	<0.0764	U	0.577	0.0764	ug/L		11/12/24 06:44	11/19/24 06:36	1
2-Naphthylamine	<0.291	U	0.577	0.291	ug/L		11/12/24 06:44	11/19/24 06:36	1
2-Picoline	<0.124	U	0.577	0.124	ug/L		11/12/24 06:44	11/19/24 06:36	1
2-Toluidine	<0.309	U	0.577	0.309	ug/L		11/12/24 06:44	11/19/24 06:36	1
3,3'-Dichlorobenzidine	<0.185	U	0.577	0.185	ug/L		11/12/24 06:44	11/19/24 06:36	1
3,3'-Dimethylbenzidine	<0.143	U	0.577	0.143	ug/L		11/12/24 06:44	11/19/24 06:36	1
3-Methylcholanthrene	<0.105	U	0.577	0.105	ug/L		11/12/24 06:44	11/19/24 06:36	1
4-Nitroquinoline-1-oxide	<0.738	U	1.15	0.738	ug/L		11/12/24 06:44	11/19/24 06:36	1
7,12-Dimethylbenz(a)anthracene	<0.244	U	0.577	0.244	ug/L		11/12/24 06:44	11/19/24 06:36	1
alpha,alpha-Dimethyl phenethylamine	<3.71	U *- *1	5.77	3.71	ug/L		11/12/24 06:44	11/19/24 06:36	1
Aramite Peak 1	<0.0793	U *+	0.577	0.0793	ug/L		11/12/24 06:44	11/19/24 06:36	1
Aramite Peak 2	<0.0963	U	0.577	0.0963	ug/L		11/12/24 06:44	11/19/24 06:36	1
Aramite, Total	<0.0963	U	0.577	0.0963	ug/L		11/12/24 06:44	11/19/24 06:36	1

Client Sample ID: MW-86

Date Collected: 11/05/24 08:58
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diallate	<0.0843	U	0.577	0.0843	ug/L		11/12/24 06:44	11/19/24 06:36	1
Diallate Peak 1	<0.0843	U	0.577	0.0843	ug/L		11/12/24 06:44	11/19/24 06:36	1
Diallate Peak 2	<0.0389	U	0.577	0.0389	ug/L		11/12/24 06:44	11/19/24 06:36	1
Dimethoate	<0.123	U *+	0.577	0.123	ug/L		11/12/24 06:44	11/19/24 06:36	1
Dinoseb	<0.575	U *+	2.89	0.575	ug/L		11/12/24 06:44	11/19/24 06:36	1
Disulfoton	<0.205	U *+	0.577	0.205	ug/L		11/12/24 06:44	11/19/24 06:36	1
Ethyl methanesulfonate	<0.229	U	0.577	0.229	ug/L		11/12/24 06:44	11/19/24 06:36	1
Ethyl Parathion	<0.0507	U *+	0.231	0.0507	ug/L		11/12/24 06:44	11/19/24 06:36	1
Famphur	<0.152	U *+	1.15	0.152	ug/L		11/12/24 06:44	11/19/24 06:36	1
Hexachloropropene	<0.303	U *-	0.577	0.303	ug/L		11/12/24 06:44	11/19/24 06:36	1
Isosafrole	<0.243	U	0.577	0.243	ug/L		11/12/24 06:44	11/19/24 06:36	1
Isosafrole Peak 1	<0.0468	U	0.577	0.0468	ug/L		11/12/24 06:44	11/19/24 06:36	1
Isosafrole Peak 2	<0.243	U	0.577	0.243	ug/L		11/12/24 06:44	11/19/24 06:36	1
Methapyrilene	<1.01	U *+	2.31	1.01	ug/L		11/12/24 06:44	11/19/24 06:36	1
Methyl methanesulfonate	<0.121	U	0.577	0.121	ug/L		11/12/24 06:44	11/19/24 06:36	1
Methyl parathion	<0.323	U *+	0.577	0.323	ug/L		11/12/24 06:44	11/19/24 06:36	1
N-Nitrosodiethylamine	<0.544	U	1.15	0.544	ug/L		11/12/24 06:44	11/19/24 06:36	1
N-Nitrosodimethylamine	<0.101	U *-	0.577	0.101	ug/L		11/12/24 06:44	11/19/24 06:36	1
N-Nitrosodi-n-butylamine	<0.521	U	1.15	0.521	ug/L		11/12/24 06:44	11/19/24 06:36	1
N-Nitrosomethylethylamine	<0.297	U	0.577	0.297	ug/L		11/12/24 06:44	11/19/24 06:36	1
N-Nitrosomorpholine	<0.222	U	0.577	0.222	ug/L		11/12/24 06:44	11/19/24 06:36	1
N-Nitrosopyrrolidine	<0.270	U *- *1	0.577	0.270	ug/L		11/12/24 06:44	11/19/24 06:36	1
o,o',o''-Triethylphosphorothioate	<0.140	U *+	0.577	0.140	ug/L		11/12/24 06:44	11/19/24 06:36	1
p-Dimethylamino azobenzene	<0.0240	U *+	0.577	0.0240	ug/L		11/12/24 06:44	11/19/24 06:36	1
Pentachloronitrobenzene	<0.101	U	0.577	0.101	ug/L		11/12/24 06:44	11/19/24 06:36	1
Phenacetin	<0.101	U	0.577	0.101	ug/L		11/12/24 06:44	11/19/24 06:36	1
Phorate	<0.224	U *+	0.577	0.224	ug/L		11/12/24 06:44	11/19/24 06:36	1
p-Phenylene diamine	<0.505	U *- *1	1.15	0.505	ug/L		11/12/24 06:44	11/19/24 06:36	1
Pronamide	<0.101	U *+	0.577	0.101	ug/L		11/12/24 06:44	11/19/24 06:36	1
Safrole, Total	<0.0577	U	0.577	0.0577	ug/L		11/12/24 06:44	11/19/24 06:36	1
Sulfotepp	<0.148	U *+	0.577	0.148	ug/L		11/12/24 06:44	11/19/24 06:36	1
Thionazin	<0.210	U *+	1.15	0.210	ug/L		11/12/24 06:44	11/19/24 06:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*93*		*35 - 130*	*11/12/24 06:44*	*11/19/24 06:36*	*1*
2-Fluorobiphenyl	*78*		*43 - 130*	*11/12/24 06:44*	*11/19/24 06:36*	*1*
2-Fluorophenol (Surr)	*58*		*19 - 120*	*11/12/24 06:44*	*11/19/24 06:36*	*1*
Nitrobenzene-d5 (Surr)	*83*		*37 - 133*	*11/12/24 06:44*	*11/19/24 06:36*	*1*
Phenol-d5 (Surr)	*37*		*8 - 124*	*11/12/24 06:44*	*11/19/24 06:36*	*1*
p-Terphenyl-d14	*72*		*47 - 130*	*11/12/24 06:44*	*11/19/24 06:36*	*1*

Client Sample ID: MW-39

Date Collected: 11/05/24 09:36
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<6.44	U	10.0	6.44	ug/L			11/12/24 10:40	10
1,1,1-Trichloroethane	<5.85	U	50.0	5.85	ug/L			11/12/24 10:40	10
1,1,2,2-Tetrachloroethane	<4.70	U	10.0	4.70	ug/L			11/12/24 10:40	10

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86520-1

Client Sample ID: MW-39
Date Collected: 11/05/24 09:36
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	<11.1	U	100	11.1	ug/L			11/12/24 10:40	10
1,1,2-Trichloroethane	<4.11	U	10.0	4.11	ug/L			11/12/24 10:40	10
1,1-Dichloroethane	<6.35	U	10.0	6.35	ug/L			11/12/24 10:40	10
1,1-Dichloroethene	<7.38	U	10.0	7.38	ug/L			11/12/24 10:40	10
1,2,3-Trichloropropane	<4.70	U	10.0	4.70	ug/L			11/12/24 10:40	10
1,2,4-Trimethylbenzene	<4.17	U	10.0	4.17	ug/L			11/12/24 10:40	10
1,2-Dibromo-3-Chloropropane	<6.71	U	50.0	6.71	ug/L			11/12/24 10:40	10
1,2-Dibromoethane	<9.99	U	50.0	9.99	ug/L			11/12/24 10:40	10
1,2-Dichloroethane	<3.72	U	10.0	3.72	ug/L			11/12/24 10:40	10
1,2-Dichloropropane	<5.56	U	50.0	5.56	ug/L			11/12/24 10:40	10
1,3,5-Trimethylbenzene	<4.11	U	10.0	4.11	ug/L			11/12/24 10:40	10
1,3-Butadiene	<5.68	U	10.0	5.68	ug/L			11/12/24 10:40	10
2,2,4-Trimethylpentane	<5.00	U	50.0	5.00	ug/L			11/12/24 10:40	10
2-Butanone (MEK)	<82.8	U	500	82.8	ug/L			11/12/24 10:40	10
2-Hexanone (MBK)	<50.0	U	500	50.0	ug/L			11/12/24 10:40	10
2-Propanol	<52.3	U *+	100	52.3	ug/L			11/12/24 10:40	10
3-Chloropropene (Allyl Chloride)	<5.97	U	50.0	5.97	ug/L			11/12/24 10:40	10
4-Methyl-2-pentanone	<50.0	U	500	50.0	ug/L			11/12/24 10:40	10
Acetone	<30.7	U	1000	30.7	ug/L			11/12/24 10:40	10
Acetonitrile	<146	U	1000	146	ug/L			11/12/24 10:40	10
Acrolein	<111	U	500	111	ug/L			11/12/24 10:40	10
Acrylonitrile	<143	U	500	143	ug/L			11/12/24 10:40	10
alpha-Chlorotoluene	<22.6	U	50.0	22.6	ug/L			11/12/24 10:40	10
Benzene	**5.33**	**J**	10.0	4.60	ug/L			11/12/24 10:40	10
Bromodichloromethane	<5.52	U	10.0	5.52	ug/L			11/12/24 10:40	10
Bromoform	<6.33	U	50.0	6.33	ug/L			11/12/24 10:40	10
Bromomethane	<14.2	U *1	50.0	14.2	ug/L			11/12/24 10:40	10
Carbon disulfide	<16.5	U	50.0	16.5	ug/L			11/12/24 10:40	10
Carbon tetrachloride	<8.96	U	50.0	8.96	ug/L			11/12/24 10:40	10
Chlorobenzene	**11.2**		10.0	4.55	ug/L			11/12/24 10:40	10
Chlorodibromomethane	<5.47	U	50.0	5.47	ug/L			11/12/24 10:40	10
Chloroethane	<19.8	U	100	19.8	ug/L			11/12/24 10:40	10
Chloroform	<4.64	U	10.0	4.64	ug/L			11/12/24 10:40	10
Chloromethane	<20.4	U	100	20.4	ug/L			11/12/24 10:40	10
Chloroprene	<5.98	U	50.0	5.98	ug/L			11/12/24 10:40	10
cis-1,2-Dichloroethene	<4.57	U	10.0	4.57	ug/L			11/12/24 10:40	10
cis-1,3-Dichloropropene	<10.7	U	50.0	10.7	ug/L			11/12/24 10:40	10
Cumene (isopropylbenzene)	<5.92	U	10.0	5.92	ug/L			11/12/24 10:40	10
Cyclohexane	<12.9	U	50.0	12.9	ug/L			11/12/24 10:40	10
Dibromomethane	<3.57	U	10.0	3.57	ug/L			11/12/24 10:40	10
Dichlorodifluoromethane	<7.85	U	10.0	7.85	ug/L			11/12/24 10:40	10
Ethyl methacrylate	<11.2	U	50.0	11.2	ug/L			11/12/24 10:40	10
Ethylbenzene	<3.85	U	10.0	3.85	ug/L			11/12/24 10:40	10
Hexane	<5.17	U	50.0	5.17	ug/L			11/12/24 10:40	10
Iodomethane	<50.0	U	200	50.0	ug/L			11/12/24 10:40	10
Isobutanol	<171	U *1	500	171	ug/L			11/12/24 10:40	10
Methacrylonitrile	<27.2	U	100	27.2	ug/L			11/12/24 10:40	10
Methyl methacrylate	<22.5	U	100	22.5	ug/L			11/12/24 10:40	10
Methyl tert-butyl ether	<13.9	U	50.0	13.9	ug/L			11/12/24 10:40	10

Client Sample ID: MW-39

Date Collected: 11/05/24 09:36
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<17.3	U	50.0	17.3	ug/L			11/12/24 10:40	10
Propionitrile	<33.4	U	100	33.4	ug/L			11/12/24 10:40	10
Propylbenzene	<4.29	U	10.0	4.29	ug/L			11/12/24 10:40	10
Styrene	<6.19	U	10.0	6.19	ug/L			11/12/24 10:40	10
Tetrachloroethene	<6.55	U	10.0	6.55	ug/L			11/12/24 10:40	10
Tetrahydrofuran	<18.3	U	100	18.3	ug/L			11/12/24 10:40	10
Toluene	<4.75	U	10.0	4.75	ug/L			11/12/24 10:40	10
trans-1,2-Dichloroethene	<3.68	U	10.0	3.68	ug/L			11/12/24 10:40	10
trans-1,3-Dichloropropene	<12.7	U	50.0	12.7	ug/L			11/12/24 10:40	10
trans-1,4-Dichloro-2-butene	<13.5	U	100	13.5	ug/L			11/12/24 10:40	10
Trichloroethene	<15.0	U	50.0	15.0	ug/L			11/12/24 10:40	10
Trichlorofluoromethane	<5.60	U	10.0	5.60	ug/L			11/12/24 10:40	10
Vinyl acetate	<21.4	U	200	21.4	ug/L			11/12/24 10:40	10
Vinyl chloride	<4.28	U	20.0	4.28	ug/L			11/12/24 10:40	10
Xylenes, Total	<12.4	U	100	12.4	ug/L			11/12/24 10:40	10
m,p-Xylenes	<0.0124	U	0.100	0.0124	mg/L			11/12/24 10:40	10
o-Xylene	<0.00502	U	0.0100	0.00502	mg/L			11/12/24 10:40	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 144*		*11/12/24 10:40*	*10*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*11/12/24 10:40*	*10*
Dibromofluoromethane (Surr)	*95*		*75 - 131*		*11/12/24 10:40*	*10*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/12/24 10:40*	*10*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0773	U	0.576	0.0773	ug/L		11/12/24 06:44	12/07/24 09:10	1
1,2-Dichlorobenzene	**0.371**	**J**	0.576	0.0949	ug/L		11/12/24 06:44	12/07/24 09:10	1
1,3-Dichlorobenzene	<0.103	U	0.576	0.103	ug/L		11/12/24 06:44	12/07/24 09:10	1
1,4-Dichlorobenzene	**0.417**	**J**	0.576	0.0786	ug/L		11/12/24 06:44	12/07/24 09:10	1
2,2'-oxybis[1-chloropropane]	<1.44	U *+	2.88	1.44	ug/L		11/12/24 06:44	12/07/24 09:10	1
2,4,5-Trichlorophenol	<0.144	U	0.576	0.144	ug/L		11/12/24 06:44	12/07/24 09:10	1
2,4,6-Trichlorophenol	<0.233	U	0.576	0.233	ug/L		11/12/24 06:44	12/07/24 09:10	1
2,4-Dichlorophenol	<0.141	U	0.576	0.141	ug/L		11/12/24 06:44	12/07/24 09:10	1
2,4-Dimethylphenol	<0.194	U *+	0.576	0.194	ug/L		11/12/24 06:44	12/07/24 09:10	1
1,4-Dioxane	**4.51**		0.576	0.0898	ug/L		11/12/24 06:44	12/07/24 09:10	1
2,4-Dinitrophenol	<0.105	U	2.88	0.105	ug/L		11/12/24 06:44	12/07/24 09:10	1
2,4-Dinitrotoluene	<0.206	U	0.576	0.206	ug/L		11/12/24 06:44	12/07/24 09:10	1
2,6-Dinitrotoluene	<0.117	U	0.576	0.117	ug/L		11/12/24 06:44	12/07/24 09:10	1
2-Chloronaphthalene	<0.382	U	0.576	0.382	ug/L		11/12/24 06:44	12/07/24 09:10	1
2-Methylnaphthalene	<0.0608	U	0.576	0.0608	ug/L		11/12/24 06:44	12/07/24 09:10	1
2-Methylphenol	<0.106	U	0.576	0.106	ug/L		11/12/24 06:44	12/07/24 09:10	1
2-Nitroaniline	<0.150	U	0.576	0.150	ug/L		11/12/24 06:44	12/07/24 09:10	1
2-Nitrophenol	<0.137	U	0.576	0.137	ug/L		11/12/24 06:44	12/07/24 09:10	1
3 & 4 Methylphenol	<0.140	U	0.576	0.140	ug/L		11/12/24 06:44	12/07/24 09:10	1
3-Nitroaniline	<0.0860	U	0.576	0.0860	ug/L		11/12/24 06:44	12/07/24 09:10	1
4,6-Dinitro-2-methylphenol	<0.203	U	1.15	0.203	ug/L		11/12/24 06:44	12/07/24 09:10	1
4-Bromophenyl phenyl ether	<0.101	U	0.576	0.101	ug/L		11/12/24 06:44	12/07/24 09:10	1
4-Chloro-3-methylphenol	<0.105	U	0.576	0.105	ug/L		11/12/24 06:44	12/07/24 09:10	1
4-Chloroaniline	<0.0389	U	0.576	0.0389	ug/L		11/12/24 06:44	12/07/24 09:10	1

Client Sample ID: MW-39
Lab Sample ID: 860-86520-3
Date Collected: 11/05/24 09:36
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	<0.132	U	0.576	0.132	ug/L		11/12/24 06:44	12/07/24 09:10	1
4-Nitroaniline	<0.110	U	0.576	0.110	ug/L		11/12/24 06:44	12/07/24 09:10	1
Acenaphthene	**0.316**	**J**	0.576	0.108	ug/L		11/12/24 06:44	12/07/24 09:10	1
Acenaphthylene	<0.101	U	0.576	0.101	ug/L		11/12/24 06:44	12/07/24 09:10	1
Aniline	**0.135**	**J I**	0.576	0.0585	ug/L		11/12/24 06:44	12/07/24 09:10	1
Anthracene	<0.0946	U	0.576	0.0946	ug/L		11/12/24 06:44	12/07/24 09:10	1
Benzo[a]anthracene	<0.0288	U	0.0288	0.0288	ug/L		11/12/24 06:44	12/07/24 09:10	1
Benzo[a]pyrene	<0.0303	U	0.0576	0.0303	ug/L		11/12/24 06:44	12/07/24 09:10	1
Benzo[b]fluoranthene	<0.0670	U	0.576	0.0670	ug/L		11/12/24 06:44	12/07/24 09:10	1
Benzo[g,h,i]perylene	<0.0348	U	0.576	0.0348	ug/L		11/12/24 06:44	12/07/24 09:10	1
Benzo[k]fluoranthene	<0.0477	U	0.576	0.0477	ug/L		11/12/24 06:44	12/07/24 09:10	1
Benzyl alcohol	<0.605	U *-	1.15	0.605	ug/L		11/12/24 06:44	12/07/24 09:10	1
Bis(2-chloroethoxy)methane	<0.0983	U	0.576	0.0983	ug/L		11/12/24 06:44	12/07/24 09:10	1
Bis(2-chloroethyl)ether	<0.216	U	0.576	0.216	ug/L		11/12/24 06:44	12/07/24 09:10	1
Bis(2-ethylhexyl) phthalate	<0.908	U	1.15	0.908	ug/L		11/12/24 06:44	12/07/24 09:10	1
Butyl benzyl phthalate	<0.504	U	1.15	0.504	ug/L		11/12/24 06:44	12/07/24 09:10	1
Chrysene	<0.0822	U	0.576	0.0822	ug/L		11/12/24 06:44	12/07/24 09:10	1
Dibenz(a,h)anthracene	<0.0513	U	0.115	0.0513	ug/L		11/12/24 06:44	12/07/24 09:10	1
Dibenzofuran	<0.107	U	0.576	0.107	ug/L		11/12/24 06:44	12/07/24 09:10	1
Diethyl phthalate	<0.156	U	1.15	0.156	ug/L		11/12/24 06:44	12/07/24 09:10	1
Dimethyl phthalate	<0.109	U *+	1.15	0.109	ug/L		11/12/24 06:44	12/07/24 09:10	1
Di-n-butyl phthalate	<0.772	U	1.15	0.772	ug/L		11/12/24 06:44	12/07/24 09:10	1
Di-n-octyl phthalate	<0.271	U	1.15	0.271	ug/L		11/12/24 06:44	12/07/24 09:10	1
Fluoranthene	<0.0891	U	0.576	0.0891	ug/L		11/12/24 06:44	12/07/24 09:10	1
Fluorene	**0.141**	**J**	0.576	0.0956	ug/L		11/12/24 06:44	12/07/24 09:10	1
Hexachlorobenzene	<0.0983	U	0.576	0.0983	ug/L		11/12/24 06:44	12/07/24 09:10	1
Hexachlorobutadiene	<0.104	U	0.576	0.104	ug/L		11/12/24 06:44	12/07/24 09:10	1
Hexachlorocyclopentadiene	<0.0516	U	0.576	0.0516	ug/L		11/12/24 06:44	12/07/24 09:10	1
Hexachloroethane	<0.103	U	0.576	0.103	ug/L		11/12/24 06:44	12/07/24 09:10	1
Indeno[1,2,3-cd]pyrene	<0.101	U	0.576	0.101	ug/L		11/12/24 06:44	12/07/24 09:10	1
Isophorone	<0.107	U	0.576	0.107	ug/L		11/12/24 06:44	12/07/24 09:10	1
Naphthalene	**0.225**	**J**	0.576	0.0953	ug/L		11/12/24 06:44	12/07/24 09:10	1
Nitrobenzene	<0.0743	U	0.576	0.0743	ug/L		11/12/24 06:44	12/07/24 09:10	1
N-Nitrosodi-n-propylamine	<0.120	U	0.576	0.120	ug/L		11/12/24 06:44	12/07/24 09:10	1
N-Nitrosodiphenylamine	<0.146	U	0.576	0.146	ug/L		11/12/24 06:44	12/07/24 09:10	1
Pentachlorophenol	<1.05	U	1.15	1.05	ug/L		11/12/24 06:44	12/07/24 09:10	1
Phenanthrene	<0.135	U	0.576	0.135	ug/L		11/12/24 06:44	12/07/24 09:10	1
Phenol	**3.75**	**I B**	2.88	0.452	ug/L		11/12/24 06:44	12/07/24 09:10	1
Pyrene	<0.0856	U	0.576	0.0856	ug/L		11/12/24 06:44	12/07/24 09:10	1
Pyridine	<1.45	U	2.88	1.45	ug/L		11/12/24 06:44	12/07/24 09:10	1
N-Nitro-o-toluidine	<0.525	U	1.15	0.525	ug/L		11/12/24 06:44	12/07/24 09:10	1
2,3,4,6-Tetrachlorophenol	<0.212	U	0.576	0.212	ug/L		11/12/24 06:44	12/07/24 09:10	1
Acetophenone	<0.629	U	1.15	0.629	ug/L		11/12/24 06:44	12/07/24 09:10	1
N-Nitrosopiperidine	<0.471	U	1.15	0.471	ug/L		11/12/24 06:44	12/07/24 09:10	1
Pentachlorobenzene	<0.268	U	0.576	0.268	ug/L		11/12/24 06:44	12/07/24 09:10	1
1,1'-Biphenyl	<0.0990	U	0.576	0.0990	ug/L		11/12/24 06:44	12/07/24 09:10	1
4-Aminobiphenyl	<0.397	U	0.576	0.397	ug/L		11/12/24 06:44	12/07/24 09:10	1
1,2,4,5-Tetrachlorobenzene	<0.0966	U	0.576	0.0966	ug/L		11/12/24 06:44	12/07/24 09:10	1
1,3,5-Trinitrobenzene	<0.120	U	0.576	0.120	ug/L		11/12/24 06:44	12/07/24 09:10	1

Client Sample ID: MW-39
Date Collected: 11/05/24 09:36
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dinitrobenzene	<0.0779	U	0.576	0.0779	ug/L		11/12/24 06:44	12/07/24 09:10	1
1,4-Naphthoquinone	<0.317	U	0.576	0.317	ug/L		11/12/24 06:44	12/07/24 09:10	1
1-Naphthylamine	<0.150	U	0.576	0.150	ug/L		11/12/24 06:44	12/07/24 09:10	1
2,6-Dichlorophenol	<0.119	U	0.576	0.119	ug/L		11/12/24 06:44	12/07/24 09:10	1
2-Acetylaminofluorene	<1.28	U	2.88	1.28	ug/L		11/12/24 06:44	12/07/24 09:10	1
2-Chlorophenol	<0.0763	U	0.576	0.0763	ug/L		11/12/24 06:44	12/07/24 09:10	1
2-Naphthylamine	<0.290	U	0.576	0.290	ug/L		11/12/24 06:44	12/07/24 09:10	1
2-Picoline	<0.124	U	0.576	0.124	ug/L		11/12/24 06:44	12/07/24 09:10	1
2-Toluidine	<0.309	U	0.576	0.309	ug/L		11/12/24 06:44	12/07/24 09:10	1
3,3'-Dichlorobenzidine	<0.185	U	0.576	0.185	ug/L		11/12/24 06:44	12/07/24 09:10	1
3,3'-Dimethylbenzidine	<0.143	U	0.576	0.143	ug/L		11/12/24 06:44	12/07/24 09:10	1
3-Methylcholanthrene	<0.105	U	0.576	0.105	ug/L		11/12/24 06:44	12/07/24 09:10	1
4-Nitroquinoline-1-oxide	<0.736	U	1.15	0.736	ug/L		11/12/24 06:44	12/07/24 09:10	1
7,12-Dimethylbenz(a)anthracene	<0.243	U	0.576	0.243	ug/L		11/12/24 06:44	12/07/24 09:10	1
alpha,alpha-Dimethyl phenethylamine	<3.70	U *- *1	5.76	3.70	ug/L		11/12/24 06:44	12/07/24 09:10	1
Aramite Peak 1	<0.0792	U *+	0.576	0.0792	ug/L		11/12/24 06:44	12/07/24 09:10	1
Aramite Peak 2	<0.0962	U	0.576	0.0962	ug/L		11/12/24 06:44	12/07/24 09:10	1
Aramite, Total	<0.0962	U	0.576	0.0962	ug/L		11/12/24 06:44	12/07/24 09:10	1
Diallate	<0.0842	U	0.576	0.0842	ug/L		11/12/24 06:44	12/07/24 09:10	1
Diallate Peak 1	<0.0842	U	0.576	0.0842	ug/L		11/12/24 06:44	12/07/24 09:10	1
Diallate Peak 2	<0.0389	U	0.576	0.0389	ug/L		11/12/24 06:44	12/07/24 09:10	1
Dimethoate	<0.123	U *+	0.576	0.123	ug/L		11/12/24 06:44	12/07/24 09:10	1
Dinoseb	<0.575	U *+	2.88	0.575	ug/L		11/12/24 06:44	12/07/24 09:10	1
Disulfoton	<0.204	U *+	0.576	0.204	ug/L		11/12/24 06:44	12/07/24 09:10	1
Ethyl methanesulfonate	<0.229	U	0.576	0.229	ug/L		11/12/24 06:44	12/07/24 09:10	1
Ethyl Parathion	<0.0506	U *+	0.231	0.0506	ug/L		11/12/24 06:44	12/07/24 09:10	1
Famphur	<0.152	U *+	1.15	0.152	ug/L		11/12/24 06:44	12/07/24 09:10	1
Hexachloropropene	<0.302	U *-	0.576	0.302	ug/L		11/12/24 06:44	12/07/24 09:10	1
Isosafrole	<0.243	U	0.576	0.243	ug/L		11/12/24 06:44	12/07/24 09:10	1
Isosafrole Peak 1	<0.0467	U	0.576	0.0467	ug/L		11/12/24 06:44	12/07/24 09:10	1
Isosafrole Peak 2	<0.243	U	0.576	0.243	ug/L		11/12/24 06:44	12/07/24 09:10	1
Methapyrilene	<1.01	U *+	2.31	1.01	ug/L		11/12/24 06:44	12/07/24 09:10	1
Methyl methanesulfonate	<0.121	U	0.576	0.121	ug/L		11/12/24 06:44	12/07/24 09:10	1
Methyl parathion	<0.322	U *+	0.576	0.322	ug/L		11/12/24 06:44	12/07/24 09:10	1
N-Nitrosodiethylamine	<0.543	U	1.15	0.543	ug/L		11/12/24 06:44	12/07/24 09:10	1
N-Nitrosodimethylamine	<0.101	U *-	0.576	0.101	ug/L		11/12/24 06:44	12/07/24 09:10	1
N-Nitrosodi-n-butylamine	<0.520	U	1.15	0.520	ug/L		11/12/24 06:44	12/07/24 09:10	1
N-Nitrosomethylethylamine	<0.296	U	0.576	0.296	ug/L		11/12/24 06:44	12/07/24 09:10	1
N-Nitrosomorpholine	<0.222	U	0.576	0.222	ug/L		11/12/24 06:44	12/07/24 09:10	1
N-Nitrosopyrrolidine	<0.270	U *- *1	0.576	0.270	ug/L		11/12/24 06:44	12/07/24 09:10	1
o,o',o''-Triethylphosphorothioate	**0.313**	**J *+**	0.576	0.139	ug/L		11/12/24 06:44	12/07/24 09:10	1
p-Dimethylamino azobenzene	<0.0240	U *+	0.576	0.0240	ug/L		11/12/24 06:44	12/07/24 09:10	1
Pentachloronitrobenzene	<0.101	U	0.576	0.101	ug/L		11/12/24 06:44	12/07/24 09:10	1
Phenacetin	<0.101	U	0.576	0.101	ug/L		11/12/24 06:44	12/07/24 09:10	1
Phorate	<0.223	U *+	0.576	0.223	ug/L		11/12/24 06:44	12/07/24 09:10	1
p-Phenylene diamine	<0.504	U *- *1	1.15	0.504	ug/L		11/12/24 06:44	12/07/24 09:10	1
Pronamide	<0.101	U *+	0.576	0.101	ug/L		11/12/24 06:44	12/07/24 09:10	1
Safrole, Total	<0.0576	U	0.576	0.0576	ug/L		11/12/24 06:44	12/07/24 09:10	1
Sulfotepp	<0.148	U *+	0.576	0.148	ug/L		11/12/24 06:44	12/07/24 09:10	1

Client Sample ID: MW-39

Date Collected: 11/05/24 09:36
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thionazin	<0.210	U *+	1.15	0.210	ug/L		11/12/24 06:44	12/07/24 09:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*94*		*35 - 130*	*11/12/24 06:44*	*12/07/24 09:10*	*1*
2-Fluorobiphenyl	*83*		*43 - 130*	*11/12/24 06:44*	*12/07/24 09:10*	*1*
2-Fluorophenol (Surr)	*77*		*19 - 120*	*11/12/24 06:44*	*12/07/24 09:10*	*1*
Nitrobenzene-d5 (Surr)	*100*		*37 - 133*	*11/12/24 06:44*	*12/07/24 09:10*	*1*
Phenol-d5 (Surr)	*54*		*8 - 124*	*11/12/24 06:44*	*12/07/24 09:10*	*1*
p-Terphenyl-d14	*101*		*47 - 130*	*11/12/24 06:44*	*12/07/24 09:10*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	**405**		57.6	9.18	ug/L		11/12/24 06:44	12/10/24 02:06	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*203*	*I S1+*	*35 - 130*	*11/12/24 06:44*	*12/10/24 02:06*	*100*
2-Fluorobiphenyl	*298*	*S1+*	*43 - 130*	*11/12/24 06:44*	*12/10/24 02:06*	*100*
2-Fluorophenol (Surr)	*209*	*S1+*	*19 - 120*	*11/12/24 06:44*	*12/10/24 02:06*	*100*
Nitrobenzene-d5 (Surr)	*225*	*S1+*	*37 - 133*	*11/12/24 06:44*	*12/10/24 02:06*	*100*
Phenol-d5 (Surr)	*314*	*S1+*	*8 - 124*	*11/12/24 06:44*	*12/10/24 02:06*	*100*
p-Terphenyl-d14	*279*	*S1+*	*47 - 130*	*11/12/24 06:44*	*12/10/24 02:06*	*100*

Client Sample ID: MW-87

Date Collected: 11/05/24 09:40
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 07:36	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 07:36	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 07:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/12/24 07:36	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 07:36	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 07:36	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 07:36	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 07:36	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 07:36	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 07:36	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 07:36	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 07:36	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 07:36	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 07:36	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 07:36	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/12/24 07:36	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 07:36	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 07:36	1
2-Propanol	<5.23	U *+	10.0	5.23	ug/L			11/12/24 07:36	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 07:36	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 07:36	1
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 07:36	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 07:36	1

Client Sample ID: MW-87
Lab Sample ID: 860-86520-4
Date Collected: 11/05/24 09:40
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 07:36	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 07:36	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 07:36	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/12/24 07:36	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 07:36	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 07:36	1
Bromomethane	<1.42	U *1	5.00	1.42	ug/L			11/12/24 07:36	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 07:36	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 07:36	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 07:36	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 07:36	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 07:36	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 07:36	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 07:36	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 07:36	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 07:36	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 07:36	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/12/24 07:36	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 07:36	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 07:36	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 07:36	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 07:36	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/12/24 07:36	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/12/24 07:36	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 07:36	1
Isobutanol	<17.1	U *1	50.0	17.1	ug/L			11/12/24 07:36	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 07:36	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 07:36	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 07:36	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/12/24 07:36	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 07:36	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 07:36	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 07:36	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 07:36	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 07:36	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 07:36	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 07:36	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 07:36	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 07:36	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 07:36	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 07:36	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 07:36	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 07:36	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 07:36	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 07:36	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 07:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 144*		*11/12/24 07:36*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*11/12/24 07:36*	*1*

Client Sample ID: MW-87

Date Collected: 11/05/24 09:40
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-4

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*93*		*75 - 131*		*11/12/24 07:36*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/12/24 07:36*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/12/24 06:44	12/07/24 09:40	1
1,2-Dichlorobenzene	**0.142**	**J**	0.571	0.0941	ug/L		11/12/24 06:44	12/07/24 09:40	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/12/24 06:44	12/07/24 09:40	1
1,4-Dichlorobenzene	**0.145**	**J**	0.571	0.0779	ug/L		11/12/24 06:44	12/07/24 09:40	1
2,2'-oxybis[1-chloropropane]	<1.43	U *+	2.86	1.43	ug/L		11/12/24 06:44	12/07/24 09:40	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/12/24 06:44	12/07/24 09:40	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/12/24 06:44	12/07/24 09:40	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/12/24 06:44	12/07/24 09:40	1
2,4-Dimethylphenol	<0.192	U *+	0.571	0.192	ug/L		11/12/24 06:44	12/07/24 09:40	1
1,4-Dioxane	**1.93**		0.571	0.0890	ug/L		11/12/24 06:44	12/07/24 09:40	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/12/24 06:44	12/07/24 09:40	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/12/24 06:44	12/07/24 09:40	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/12/24 06:44	12/07/24 09:40	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/12/24 06:44	12/07/24 09:40	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/12/24 06:44	12/07/24 09:40	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/12/24 06:44	12/07/24 09:40	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/12/24 06:44	12/07/24 09:40	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/12/24 06:44	12/07/24 09:40	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/12/24 06:44	12/07/24 09:40	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/12/24 06:44	12/07/24 09:40	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/12/24 06:44	12/07/24 09:40	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	12/07/24 09:40	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/12/24 06:44	12/07/24 09:40	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/12/24 06:44	12/07/24 09:40	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/12/24 06:44	12/07/24 09:40	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/12/24 06:44	12/07/24 09:40	1
Acenaphthene	**0.111**	**J**	0.571	0.107	ug/L		11/12/24 06:44	12/07/24 09:40	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/12/24 06:44	12/07/24 09:40	1
Aniline	**0.0759**	**J I**	0.571	0.0580	ug/L		11/12/24 06:44	12/07/24 09:40	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/12/24 06:44	12/07/24 09:40	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/12/24 06:44	12/07/24 09:40	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/12/24 06:44	12/07/24 09:40	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/12/24 06:44	12/07/24 09:40	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/12/24 06:44	12/07/24 09:40	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/12/24 06:44	12/07/24 09:40	1
Benzyl alcohol	<0.600	U *-	1.14	0.600	ug/L		11/12/24 06:44	12/07/24 09:40	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/12/24 06:44	12/07/24 09:40	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/12/24 06:44	12/07/24 09:40	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/12/24 06:44	12/07/24 09:40	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/12/24 06:44	12/07/24 09:40	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/12/24 06:44	12/07/24 09:40	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/12/24 06:44	12/07/24 09:40	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		11/12/24 06:44	12/07/24 09:40	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/12/24 06:44	12/07/24 09:40	1

Client Sample ID: MW-87
Lab Sample ID: 860-86520-4
Date Collected: 11/05/24 09:40
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/12/24 06:44	12/07/24 09:40	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/12/24 06:44	12/07/24 09:40	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/12/24 06:44	12/07/24 09:40	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/12/24 06:44	12/07/24 09:40	1
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/12/24 06:44	12/07/24 09:40	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/12/24 06:44	12/07/24 09:40	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/12/24 06:44	12/07/24 09:40	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/12/24 06:44	12/07/24 09:40	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/12/24 06:44	12/07/24 09:40	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	12/07/24 09:40	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/12/24 06:44	12/07/24 09:40	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		11/12/24 06:44	12/07/24 09:40	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/12/24 06:44	12/07/24 09:40	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/12/24 06:44	12/07/24 09:40	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/12/24 06:44	12/07/24 09:40	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/12/24 06:44	12/07/24 09:40	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/12/24 06:44	12/07/24 09:40	1
Phenol	**1.72**	**J I B**	2.86	0.448	ug/L		11/12/24 06:44	12/07/24 09:40	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/12/24 06:44	12/07/24 09:40	1
Pyridine	<1.44	U	2.86	1.44	ug/L		11/12/24 06:44	12/07/24 09:40	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/12/24 06:44	12/07/24 09:40	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/12/24 06:44	12/07/24 09:40	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/12/24 06:44	12/07/24 09:40	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/12/24 06:44	12/07/24 09:40	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/12/24 06:44	12/07/24 09:40	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/12/24 06:44	12/07/24 09:40	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/12/24 06:44	12/07/24 09:40	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/12/24 06:44	12/07/24 09:40	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/12/24 06:44	12/07/24 09:40	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/12/24 06:44	12/07/24 09:40	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/12/24 06:44	12/07/24 09:40	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/12/24 06:44	12/07/24 09:40	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/12/24 06:44	12/07/24 09:40	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		11/12/24 06:44	12/07/24 09:40	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/12/24 06:44	12/07/24 09:40	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/12/24 06:44	12/07/24 09:40	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/12/24 06:44	12/07/24 09:40	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/12/24 06:44	12/07/24 09:40	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/12/24 06:44	12/07/24 09:40	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/12/24 06:44	12/07/24 09:40	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/12/24 06:44	12/07/24 09:40	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/12/24 06:44	12/07/24 09:40	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/12/24 06:44	12/07/24 09:40	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U *- *1	5.71	3.67	ug/L		11/12/24 06:44	12/07/24 09:40	1
Aramite Peak 1	<0.0785	U *+	0.571	0.0785	ug/L		11/12/24 06:44	12/07/24 09:40	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/12/24 06:44	12/07/24 09:40	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/12/24 06:44	12/07/24 09:40	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/12/24 06:44	12/07/24 09:40	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/12/24 06:44	12/07/24 09:40	1

Client Sample ID: MW-87
Date Collected: 11/05/24 09:40
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/12/24 06:44	12/07/24 09:40	1
Dimethoate	<0.122	U *+	0.571	0.122	ug/L		11/12/24 06:44	12/07/24 09:40	1
Dinoseb	<0.570	U *+	2.86	0.570	ug/L		11/12/24 06:44	12/07/24 09:40	1
Disulfoton	<0.203	U *+	0.571	0.203	ug/L		11/12/24 06:44	12/07/24 09:40	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/12/24 06:44	12/07/24 09:40	1
Ethyl Parathion	<0.0502	U *+	0.229	0.0502	ug/L		11/12/24 06:44	12/07/24 09:40	1
Famphur	<0.151	U *+	1.14	0.151	ug/L		11/12/24 06:44	12/07/24 09:40	1
Hexachloropropene	<0.300	U *-	0.571	0.300	ug/L		11/12/24 06:44	12/07/24 09:40	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/12/24 06:44	12/07/24 09:40	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/12/24 06:44	12/07/24 09:40	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/12/24 06:44	12/07/24 09:40	1
Methapyrilene	<1.00	U *+	2.29	1.00	ug/L		11/12/24 06:44	12/07/24 09:40	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/12/24 06:44	12/07/24 09:40	1
Methyl parathion	<0.319	U *+	0.571	0.319	ug/L		11/12/24 06:44	12/07/24 09:40	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/12/24 06:44	12/07/24 09:40	1
N-Nitrosodimethylamine	<0.100	U *-	0.571	0.100	ug/L		11/12/24 06:44	12/07/24 09:40	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/12/24 06:44	12/07/24 09:40	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/12/24 06:44	12/07/24 09:40	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/12/24 06:44	12/07/24 09:40	1
N-Nitrosopyrrolidine	<0.268	U *- *1	0.571	0.268	ug/L		11/12/24 06:44	12/07/24 09:40	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.571	0.138	ug/L		11/12/24 06:44	12/07/24 09:40	1
p-Dimethylamino azobenzene	<0.0238	U *+	0.571	0.0238	ug/L		11/12/24 06:44	12/07/24 09:40	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	12/07/24 09:40	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	12/07/24 09:40	1
Phorate	<0.221	U *+	0.571	0.221	ug/L		11/12/24 06:44	12/07/24 09:40	1
p-Phenylene diamine	<0.500	U *- *1	1.14	0.500	ug/L		11/12/24 06:44	12/07/24 09:40	1
Pronamide	<0.100	U *+	0.571	0.100	ug/L		11/12/24 06:44	12/07/24 09:40	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/12/24 06:44	12/07/24 09:40	1
Sulfotepp	<0.147	U *+	0.571	0.147	ug/L		11/12/24 06:44	12/07/24 09:40	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/12/24 06:44	12/07/24 09:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*96*		*35 - 130*	*11/12/24 06:44*	*12/07/24 09:40*	*1*
2-Fluorobiphenyl	*83*		*43 - 130*	*11/12/24 06:44*	*12/07/24 09:40*	*1*
2-Fluorophenol (Surr)	*76*		*19 - 120*	*11/12/24 06:44*	*12/07/24 09:40*	*1*
Nitrobenzene-d5 (Surr)	*98*		*37 - 133*	*11/12/24 06:44*	*12/07/24 09:40*	*1*
Phenol-d5 (Surr)	*52*		*8 - 124*	*11/12/24 06:44*	*12/07/24 09:40*	*1*
p-Terphenyl-d14	*107*		*47 - 130*	*11/12/24 06:44*	*12/07/24 09:40*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	**116**		11.4	1.82	ug/L		11/12/24 06:44	12/10/24 02:35	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*35 - 130*	*11/12/24 06:44*	*12/10/24 02:35*	*20*
2-Fluorobiphenyl	*117*		*43 - 130*	*11/12/24 06:44*	*12/10/24 02:35*	*20*
2-Fluorophenol (Surr)	*87*		*19 - 120*	*11/12/24 06:44*	*12/10/24 02:35*	*20*
Nitrobenzene-d5 (Surr)	*111*		*37 - 133*	*11/12/24 06:44*	*12/10/24 02:35*	*20*
Phenol-d5 (Surr)	*81*		*8 - 124*	*11/12/24 06:44*	*12/10/24 02:35*	*20*
p-Terphenyl-d14	*122*		*47 - 130*	*11/12/24 06:44*	*12/10/24 02:35*	*20*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86520-1

Client Sample ID: MW-85

Date Collected: 11/05/24 10:13
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-5

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 07:59	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 07:59	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 07:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/12/24 07:59	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 07:59	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 07:59	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 07:59	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 07:59	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 07:59	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 07:59	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 07:59	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 07:59	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 07:59	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 07:59	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 07:59	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/12/24 07:59	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 07:59	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 07:59	1
2-Propanol	<5.23	U *+	10.0	5.23	ug/L			11/12/24 07:59	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 07:59	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 07:59	1
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 07:59	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 07:59	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 07:59	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 07:59	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 07:59	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/12/24 07:59	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 07:59	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 07:59	1
Bromomethane	<1.42	U *1	5.00	1.42	ug/L			11/12/24 07:59	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 07:59	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 07:59	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 07:59	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 07:59	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 07:59	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 07:59	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 07:59	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 07:59	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 07:59	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 07:59	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/12/24 07:59	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 07:59	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 07:59	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 07:59	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 07:59	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/12/24 07:59	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/12/24 07:59	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 07:59	1
Isobutanol	<17.1	U *1	50.0	17.1	ug/L			11/12/24 07:59	1

Client Sample ID: MW-85

Date Collected: 11/05/24 10:13
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-5

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 07:59	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 07:59	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 07:59	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/12/24 07:59	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 07:59	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 07:59	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 07:59	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 07:59	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 07:59	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 07:59	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 07:59	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 07:59	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 07:59	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 07:59	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 07:59	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 07:59	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 07:59	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 07:59	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 07:59	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 07:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*63 - 144*		*11/12/24 07:59*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*11/12/24 07:59*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*11/12/24 07:59*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/12/24 07:59*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/12/24 06:44	12/07/24 10:10	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/12/24 06:44	12/07/24 10:10	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/12/24 06:44	12/07/24 10:10	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/12/24 06:44	12/07/24 10:10	1
2,2'-oxybis[1-chloropropane]	<1.43	U *+	2.86	1.43	ug/L		11/12/24 06:44	12/07/24 10:10	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/12/24 06:44	12/07/24 10:10	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/12/24 06:44	12/07/24 10:10	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/12/24 06:44	12/07/24 10:10	1
2,4-Dimethylphenol	<0.192	U *+	0.571	0.192	ug/L		11/12/24 06:44	12/07/24 10:10	1
1,4-Dioxane	**0.122**	**J I**	0.571	0.0890	ug/L		11/12/24 06:44	12/07/24 10:10	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/12/24 06:44	12/07/24 10:10	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/12/24 06:44	12/07/24 10:10	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/12/24 06:44	12/07/24 10:10	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/12/24 06:44	12/07/24 10:10	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/12/24 06:44	12/07/24 10:10	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/12/24 06:44	12/07/24 10:10	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/12/24 06:44	12/07/24 10:10	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/12/24 06:44	12/07/24 10:10	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/12/24 06:44	12/07/24 10:10	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/12/24 06:44	12/07/24 10:10	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/12/24 06:44	12/07/24 10:10	1

Client Sample ID: MW-85
Lab Sample ID: 860-86520-5
Date Collected: 11/05/24 10:13
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	12/07/24 10:10	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/12/24 06:44	12/07/24 10:10	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/12/24 06:44	12/07/24 10:10	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/12/24 06:44	12/07/24 10:10	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/12/24 06:44	12/07/24 10:10	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/12/24 06:44	12/07/24 10:10	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/12/24 06:44	12/07/24 10:10	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/12/24 06:44	12/07/24 10:10	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/12/24 06:44	12/07/24 10:10	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/12/24 06:44	12/07/24 10:10	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/12/24 06:44	12/07/24 10:10	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/12/24 06:44	12/07/24 10:10	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/12/24 06:44	12/07/24 10:10	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/12/24 06:44	12/07/24 10:10	1
Benzyl alcohol	<0.600	U *-	1.14	0.600	ug/L		11/12/24 06:44	12/07/24 10:10	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/12/24 06:44	12/07/24 10:10	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/12/24 06:44	12/07/24 10:10	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/12/24 06:44	12/07/24 10:10	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/12/24 06:44	12/07/24 10:10	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/12/24 06:44	12/07/24 10:10	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/12/24 06:44	12/07/24 10:10	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		11/12/24 06:44	12/07/24 10:10	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/12/24 06:44	12/07/24 10:10	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/12/24 06:44	12/07/24 10:10	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/12/24 06:44	12/07/24 10:10	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/12/24 06:44	12/07/24 10:10	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/12/24 06:44	12/07/24 10:10	1
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/12/24 06:44	12/07/24 10:10	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/12/24 06:44	12/07/24 10:10	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/12/24 06:44	12/07/24 10:10	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/12/24 06:44	12/07/24 10:10	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/12/24 06:44	12/07/24 10:10	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	12/07/24 10:10	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/12/24 06:44	12/07/24 10:10	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		11/12/24 06:44	12/07/24 10:10	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/12/24 06:44	12/07/24 10:10	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/12/24 06:44	12/07/24 10:10	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/12/24 06:44	12/07/24 10:10	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/12/24 06:44	12/07/24 10:10	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/12/24 06:44	12/07/24 10:10	1
Phenol	<0.448	U	2.86	0.448	ug/L		11/12/24 06:44	12/07/24 10:10	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/12/24 06:44	12/07/24 10:10	1
Pyridine	<1.44	U	2.86	1.44	ug/L		11/12/24 06:44	12/07/24 10:10	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/12/24 06:44	12/07/24 10:10	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/12/24 06:44	12/07/24 10:10	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/12/24 06:44	12/07/24 10:10	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/12/24 06:44	12/07/24 10:10	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/12/24 06:44	12/07/24 10:10	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		11/12/24 06:44	12/07/24 10:10	1

Client Sample ID: MW-85
Lab Sample ID: 860-86520-5
Date Collected: 11/05/24 10:13
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/12/24 06:44	12/07/24 10:10	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/12/24 06:44	12/07/24 10:10	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/12/24 06:44	12/07/24 10:10	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/12/24 06:44	12/07/24 10:10	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/12/24 06:44	12/07/24 10:10	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/12/24 06:44	12/07/24 10:10	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/12/24 06:44	12/07/24 10:10	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/12/24 06:44	12/07/24 10:10	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		11/12/24 06:44	12/07/24 10:10	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/12/24 06:44	12/07/24 10:10	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/12/24 06:44	12/07/24 10:10	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/12/24 06:44	12/07/24 10:10	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/12/24 06:44	12/07/24 10:10	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/12/24 06:44	12/07/24 10:10	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/12/24 06:44	12/07/24 10:10	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/12/24 06:44	12/07/24 10:10	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/12/24 06:44	12/07/24 10:10	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/12/24 06:44	12/07/24 10:10	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U *- *1	5.71	3.67	ug/L		11/12/24 06:44	12/07/24 10:10	1
Aramite Peak 1	<0.0785	U *+	0.571	0.0785	ug/L		11/12/24 06:44	12/07/24 10:10	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/12/24 06:44	12/07/24 10:10	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/12/24 06:44	12/07/24 10:10	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/12/24 06:44	12/07/24 10:10	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/12/24 06:44	12/07/24 10:10	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/12/24 06:44	12/07/24 10:10	1
Dimethoate	<0.122	U *+	0.571	0.122	ug/L		11/12/24 06:44	12/07/24 10:10	1
Dinoseb	<0.570	U *+	2.86	0.570	ug/L		11/12/24 06:44	12/07/24 10:10	1
Disulfoton	<0.203	U *+	0.571	0.203	ug/L		11/12/24 06:44	12/07/24 10:10	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/12/24 06:44	12/07/24 10:10	1
Ethyl Parathion	<0.0502	U *+	0.229	0.0502	ug/L		11/12/24 06:44	12/07/24 10:10	1
Famphur	<0.151	U *+	1.14	0.151	ug/L		11/12/24 06:44	12/07/24 10:10	1
Hexachloropropene	<0.300	U *-	0.571	0.300	ug/L		11/12/24 06:44	12/07/24 10:10	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/12/24 06:44	12/07/24 10:10	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/12/24 06:44	12/07/24 10:10	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/12/24 06:44	12/07/24 10:10	1
Methapyrilene	<1.00	U *+	2.29	1.00	ug/L		11/12/24 06:44	12/07/24 10:10	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/12/24 06:44	12/07/24 10:10	1
Methyl parathion	<0.319	U *+	0.571	0.319	ug/L		11/12/24 06:44	12/07/24 10:10	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/12/24 06:44	12/07/24 10:10	1
N-Nitrosodimethylamine	<0.100	U *-	0.571	0.100	ug/L		11/12/24 06:44	12/07/24 10:10	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/12/24 06:44	12/07/24 10:10	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/12/24 06:44	12/07/24 10:10	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/12/24 06:44	12/07/24 10:10	1
N-Nitrosopyrrolidine	<0.268	U *- *1	0.571	0.268	ug/L		11/12/24 06:44	12/07/24 10:10	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.571	0.138	ug/L		11/12/24 06:44	12/07/24 10:10	1
p-Dimethylamino azobenzene	<0.0238	U *+	0.571	0.0238	ug/L		11/12/24 06:44	12/07/24 10:10	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	12/07/24 10:10	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	12/07/24 10:10	1
Phorate	<0.221	U *+	0.571	0.221	ug/L		11/12/24 06:44	12/07/24 10:10	1

Client Sample ID: MW-85

Date Collected: 11/05/24 10:13
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Phenylene diamine	<0.500	U *- *1	1.14	0.500	ug/L		11/12/24 06:44	12/07/24 10:10	1
Pronamide	<0.100	U *+	0.571	0.100	ug/L		11/12/24 06:44	12/07/24 10:10	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/12/24 06:44	12/07/24 10:10	1
Sulfotepp	<0.147	U *+	0.571	0.147	ug/L		11/12/24 06:44	12/07/24 10:10	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/12/24 06:44	12/07/24 10:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*96*		*35 - 130*	*11/12/24 06:44*	*12/07/24 10:10*	*1*
2-Fluorobiphenyl	*90*		*43 - 130*	*11/12/24 06:44*	*12/07/24 10:10*	*1*
2-Fluorophenol (Surr)	*56*		*19 - 120*	*11/12/24 06:44*	*12/07/24 10:10*	*1*
Nitrobenzene-d5 (Surr)	*107*		*37 - 133*	*11/12/24 06:44*	*12/07/24 10:10*	*1*
Phenol-d5 (Surr)	*28*		*8 - 124*	*11/12/24 06:44*	*12/07/24 10:10*	*1*
p-Terphenyl-d14	*127*		*47 - 130*	*11/12/24 06:44*	*12/07/24 10:10*	*1*

Client Sample ID: TB-01 (110524)

Date Collected: 11/05/24 00:00
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 06:03	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 06:03	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 06:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/12/24 06:03	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 06:03	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 06:03	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 06:03	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 06:03	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 06:03	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 06:03	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 06:03	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 06:03	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 06:03	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 06:03	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 06:03	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/12/24 06:03	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 06:03	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 06:03	1
2-Propanol	<5.23	U *+	10.0	5.23	ug/L			11/12/24 06:03	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 06:03	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 06:03	1
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 06:03	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 06:03	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 06:03	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 06:03	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 06:03	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/12/24 06:03	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 06:03	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 06:03	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/12/24 06:03	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86520-1

Client Sample ID: TB-01 (110524)

Date Collected: 11/05/24 00:00
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-6

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 06:03	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 06:03	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 06:03	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 06:03	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 06:03	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 06:03	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 06:03	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 06:03	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 06:03	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 06:03	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/12/24 06:03	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 06:03	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 06:03	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 06:03	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 06:03	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/12/24 06:03	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/12/24 06:03	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 06:03	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/12/24 06:03	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 06:03	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 06:03	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 06:03	1
Methylene Chloride	**3.83**	**J**	5.00	1.73	ug/L			11/12/24 06:03	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 06:03	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 06:03	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 06:03	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 06:03	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 06:03	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 06:03	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 06:03	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 06:03	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 06:03	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 06:03	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 06:03	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 06:03	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 06:03	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 06:03	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 06:03	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 06:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*63 - 144*		*11/12/24 06:03*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*11/12/24 06:03*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*11/12/24 06:03*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/12/24 06:03*	*1*

Surrogate Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86520-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
860-86362-E-1 MS	Matrix Spike	89	99	95	101
860-86520-1	MW-79	93	100	98	100
860-86520-2	MW-86	93	98	98	99
860-86520-3	MW-39	94	100	95	98
860-86520-4	MW-87	90	101	93	101
860-86520-5	MW-85	95	99	99	99
860-86520-6	TB-01 (110524)	95	99	103	97
LCS 860-199069/3	Lab Control Sample	98	100	102	100
LCSD 860-199069/4	Lab Control Sample Dup	98	98	101	98
MB 860-199069/12	Method Blank	97	97	98	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(35-130)	(43-130)	(19-120)	(37-133)	(8-124)	(47-130)
860-86520-1	MW-79	150 S1+	105	80	144 S1+	50	122
860-86520-1 - DL	MW-79	5 S1- I	147 S1+	95	198 S1+	242 I S1+	145 S1+
860-86520-2	MW-86	93	78	58	83	37	72
860-86520-3	MW-39	94	83	77	100	54	101
860-86520-3 - DL	MW-39	203 I S1+	298 S1+	209 S1+	225 S1+	314 S1+	279 S1+
860-86520-4	MW-87	96	83	76	98	52	107
860-86520-4 - DL	MW-87	67	117	87	111	81	122
860-86520-5	MW-85	96	90	56	107	28	127
LCS 860-199125/2-A	Lab Control Sample	108	99	50	115	33	119
LCS 860-199125/4-A	Lab Control Sample	94	101	44	111	32	118
LCSD 860-199125/3-A	Lab Control Sample Dup	104	93	47	109	30	115
LCSD 860-199125/5-A	Lab Control Sample Dup	91	99	49	107	36	102
MB 860-199125/1-A	Method Blank	100	103	50	112	33	123

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-199069/12
Matrix: Water
Analysis Batch: 199069

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 05:40	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 05:40	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 05:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/12/24 05:40	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 05:40	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 05:40	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 05:40	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 05:40	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 05:40	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 05:40	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 05:40	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 05:40	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 05:40	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 05:40	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 05:40	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/12/24 05:40	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 05:40	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 05:40	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/12/24 05:40	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 05:40	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 05:40	1
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 05:40	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 05:40	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 05:40	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 05:40	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 05:40	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/12/24 05:40	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 05:40	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 05:40	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/12/24 05:40	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 05:40	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 05:40	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 05:40	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 05:40	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 05:40	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 05:40	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 05:40	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 05:40	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 05:40	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 05:40	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/12/24 05:40	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 05:40	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 05:40	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 05:40	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 05:40	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/12/24 05:40	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/12/24 05:40	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 05:40	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-199069/12
Matrix: Water
Analysis Batch: 199069

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/12/24 05:40	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 05:40	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 05:40	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 05:40	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/12/24 05:40	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 05:40	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 05:40	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 05:40	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 05:40	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 05:40	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 05:40	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 05:40	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 05:40	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 05:40	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 05:40	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 05:40	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 05:40	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 05:40	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 05:40	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 05:40	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 05:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*		*11/12/24 05:40*	*1*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*11/12/24 05:40*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*11/12/24 05:40*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/12/24 05:40*	*1*

Lab Sample ID: LCS 860-199069/3
Matrix: Water
Analysis Batch: 199069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	50.20		ug/L		100	72 - 125
1,1,1-Trichloroethane	50.0	51.24		ug/L		102	70 - 130
1,1,2,2-Tetrachloroethane	50.0	46.03		ug/L		92	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.91		ug/L		96	60 - 140
1,1,2-Trichloroethane	50.0	49.16		ug/L		98	75 - 130
1,1-Dichloroethane	50.0	49.94		ug/L		100	71 - 130
1,1-Dichloroethene	50.0	50.86		ug/L		102	50 - 150
1,2,3-Trichloropropane	50.0	49.18		ug/L		98	75 - 125
1,2,4-Trimethylbenzene	50.0	51.68		ug/L		103	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	50.93		ug/L		102	59 - 125
1,2-Dibromoethane	50.0	49.53		ug/L		99	73 - 125
1,2-Dichloroethane	50.0	46.57		ug/L		93	72 - 130
1,2-Dichloropropane	50.0	49.00		ug/L		98	74 - 125
1,3,5-Trimethylbenzene	50.0	50.48		ug/L		101	60 - 140
1,3-Butadiene	50.0	48.15		ug/L		96	60 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-199069/3
Matrix: Water
Analysis Batch: 199069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,2,4-Trimethylpentane	50.0	43.38		ug/L		87	70 - 130
2-Butanone (MEK)	250	306.8		ug/L		123	60 - 140
2-Hexanone (MBK)	250	287.3		ug/L		115	60 - 140
2-Propanol	500	621.0	*+	ug/L		124	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	46.85		ug/L		94	70 - 130
4-Methyl-2-pentanone	250	287.2		ug/L		115	60 - 140
Acetone	250	265.4		ug/L		106	60 - 140
Acetonitrile	500	523.0		ug/L		105	60 - 140
Acrolein	250	242.9		ug/L		97	60 - 140
Acrylonitrile	500	510.9		ug/L		102	60 - 140
alpha-Chlorotoluene	50.0	44.29		ug/L		89	75 - 125
Benzene	50.0	48.70		ug/L		97	75 - 125
Bromodichloromethane	50.0	47.92		ug/L		96	75 - 125
Bromoform	50.0	47.44		ug/L		95	70 - 130
Bromomethane	50.0	51.82		ug/L		104	60 - 140
Carbon disulfide	50.0	47.80		ug/L		96	60 - 140
Carbon tetrachloride	50.0	49.10		ug/L		98	70 - 125
Chlorobenzene	50.0	47.82		ug/L		96	82 - 135
Chlorodibromomethane	50.0	49.35		ug/L		99	73 - 125
Chloroethane	50.0	37.37		ug/L		75	60 - 140
Chloroform	50.0	49.98		ug/L		100	70 - 121
Chloromethane	50.0	31.83		ug/L		64	60 - 140
Chloroprene	50.0	59.42		ug/L		119	70 - 130
cis-1,2-Dichloroethene	50.0	51.87		ug/L		104	75 - 125
cis-1,3-Dichloropropene	50.0	51.22		ug/L		102	74 - 125
Cumene (isopropylbenzene)	50.0	51.33		ug/L		103	75 - 125
Cyclohexane	50.0	44.74		ug/L		89	70 - 130
Dibromomethane	50.0	47.18		ug/L		94	69 - 127
Dichlorodifluoromethane	50.0	36.04		ug/L		72	50 - 150
Ethyl methacrylate	50.0	52.69		ug/L		105	70 - 130
Ethylbenzene	50.0	49.45		ug/L		99	75 - 125
Hexane	50.0	46.75		ug/L		94	72 - 125
Iodomethane	50.0	50.86		ug/L		102	75 - 125
Isobutanol	1240	1553		ug/L		125	60 - 140
Methacrylonitrile	500	586.4		ug/L		117	70 - 130
Methyl methacrylate	100	109.4		ug/L		109	70 - 130
Methyl tert-butyl ether	50.0	53.76		ug/L		108	65 - 135
Methylene Chloride	50.0	48.60		ug/L		97	71 - 125
Propionitrile	500	542.4		ug/L		108	70 - 130
Propylbenzene	50.0	50.31		ug/L		101	75 - 125
Styrene	50.0	51.72		ug/L		103	75 - 125
Tetrachloroethene	50.0	48.95		ug/L		98	71 - 125
Tetrahydrofuran	100	107.5		ug/L		107	75 - 125
Toluene	50.0	47.71		ug/L		95	75 - 130
trans-1,2-Dichloroethene	50.0	50.72		ug/L		101	75 - 125
trans-1,3-Dichloropropene	50.0	51.23		ug/L		102	66 - 125
trans-1,4-Dichloro-2-butene	50.0	49.02		ug/L		98	70 - 130
Trichloroethene	50.0	52.90		ug/L		106	75 - 135
Trichlorofluoromethane	50.0	50.29		ug/L		101	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-199069/3
Matrix: Water
Analysis Batch: 199069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Vinyl acetate			250	211.8		ug/L		85	60 - 140		
Vinyl chloride			50.0	49.79		ug/L		100	60 - 140		
Xylenes, Total			100	100.8		ug/L		101	75 - 125		
m,p-Xylenes			0.0500	0.05016		mg/L		100	75 - 125		
o-Xylene			0.0500	0.05067		mg/L		101	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*102*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 860-199069/4
Matrix: Water
Analysis Batch: 199069

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	48.82		ug/L		98	72 - 125	3	25
1,1,1-Trichloroethane			50.0	52.71		ug/L		105	70 - 130	3	25
1,1,2,2-Tetrachloroethane			50.0	43.35		ug/L		87	74 - 125	6	25
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	48.26		ug/L		97	60 - 140	1	25
1,1,2-Trichloroethane			50.0	47.89		ug/L		96	75 - 130	3	25
1,1-Dichloroethane			50.0	49.91		ug/L		100	71 - 130	0	25
1,1-Dichloroethene			50.0	51.69		ug/L		103	50 - 150	2	25
1,2,3-Trichloropropane			50.0	44.92		ug/L		90	75 - 125	9	25
1,2,4-Trimethylbenzene			50.0	51.92		ug/L		104	75 - 125	0	25
1,2-Dibromo-3-Chloropropane			50.0	46.32		ug/L		93	59 - 125	9	25
1,2-Dibromoethane			50.0	48.14		ug/L		96	73 - 125	3	25
1,2-Dichloroethane			50.0	45.68		ug/L		91	72 - 130	2	25
1,2-Dichloropropane			50.0	49.04		ug/L		98	74 - 125	0	25
1,3,5-Trimethylbenzene			50.0	50.94		ug/L		102	60 - 140	1	25
1,3-Butadiene			50.0	53.08		ug/L		106	60 - 150	10	25
2,2,4-Trimethylpentane			50.0	43.07		ug/L		86	70 - 130	1	25
2-Butanone (MEK)			250	257.5		ug/L		103	60 - 140	17	25
2-Hexanone (MBK)			250	244.3		ug/L		98	60 - 140	16	25
2-Propanol			500	521.1		ug/L		104	70 - 120	17	25
3-Chloropropene (Allyl Chloride)			50.0	49.89		ug/L		100	70 - 130	6	25
4-Methyl-2-pentanone			250	248.1		ug/L		99	60 - 140	15	25
Acetone			250	231.4		ug/L		93	60 - 140	14	25
Acetonitrile			500	478.2		ug/L		96	60 - 140	9	25
Acrolein			250	215.8		ug/L		86	60 - 140	12	25
Acrylonitrile			500	468.4		ug/L		94	60 - 140	9	25
alpha-Chlorotoluene			50.0	42.94		ug/L		86	75 - 125	3	25
Benzene			50.0	48.96		ug/L		98	75 - 125	1	25
Bromodichloromethane			50.0	48.54		ug/L		97	75 - 125	1	25
Bromoform			50.0	45.58		ug/L		91	70 - 130	4	25
Bromomethane			50.0	68.31	*1	ug/L		137	60 - 140	27	25
Carbon disulfide			50.0	48.31		ug/L		97	60 - 140	1	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-199069/4
Matrix: Water
Analysis Batch: 199069

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride			50.0	49.65		ug/L		99	70 - 125	1	25
Chlorobenzene			50.0	47.33		ug/L		95	82 - 135	1	25
Chlorodibromomethane			50.0	48.03		ug/L		96	73 - 125	3	25
Chloroethane			50.0	47.58		ug/L		95	60 - 140	24	25
Chloroform			50.0	49.53		ug/L		99	70 - 121	1	25
Chloromethane			50.0	35.02		ug/L		70	60 - 140	10	25
Chloroprene			50.0	59.47		ug/L		119	70 - 130	0	25
cis-1,2-Dichloroethene			50.0	50.21		ug/L		100	75 - 125	3	25
cis-1,3-Dichloropropene			50.0	50.77		ug/L		102	74 - 125	1	25
Cumene (isopropylbenzene)			50.0	52.94		ug/L		106	75 - 125	3	25
Cyclohexane			50.0	46.33		ug/L		93	70 - 130	3	25
Dibromomethane			50.0	47.04		ug/L		94	69 - 127	0	25
Dichlorodifluoromethane			50.0	35.80		ug/L		72	50 - 150	1	25
Ethyl methacrylate			50.0	48.73		ug/L		97	70 - 130	8	25
Ethylbenzene			50.0	49.60		ug/L		99	75 - 125	0	25
Hexane			50.0	44.32		ug/L		89	72 - 125	5	25
Iodomethane			50.0	58.48		ug/L		117	75 - 125	14	25
Isobutanol			1240	1162	*1	ug/L		94	60 - 140	29	25
Methacrylonitrile			500	525.0		ug/L		105	70 - 130	11	25
Methyl methacrylate			100	96.30		ug/L		96	70 - 130	13	25
Methyl tert-butyl ether			50.0	50.99		ug/L		102	65 - 135	5	25
Methylene Chloride			50.0	48.29		ug/L		97	71 - 125	1	25
Propionitrile			500	487.5		ug/L		97	70 - 130	11	25
Propylbenzene			50.0	50.92		ug/L		102	75 - 125	1	25
Styrene			50.0	52.04		ug/L		104	75 - 125	1	25
Tetrachloroethene			50.0	48.15		ug/L		96	71 - 125	2	25
Tetrahydrofuran			100	95.53		ug/L		96	75 - 125	12	25
Toluene			50.0	47.31		ug/L		95	75 - 130	1	25
trans-1,2-Dichloroethene			50.0	50.56		ug/L		101	75 - 125	0	25
trans-1,3-Dichloropropene			50.0	49.86		ug/L		100	66 - 125	3	25
trans-1,4-Dichloro-2-butene			50.0	44.65		ug/L		89	70 - 130	9	25
Trichloroethene			50.0	53.14		ug/L		106	75 - 135	0	25
Trichlorofluoromethane			50.0	55.25		ug/L		110	60 - 140	9	25
Vinyl acetate			250	238.7		ug/L		95	60 - 140	12	25
Vinyl chloride			50.0	53.53		ug/L		107	60 - 140	7	25
Xylenes, Total			100	102.5		ug/L		102	75 - 125	2	25
m,p-Xylenes			0.0500	0.05046		mg/L		101	75 - 125	1	25
o-Xylene			0.0500	0.05200		mg/L		104	75 - 125	3	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*101*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86362-E-1 MS
Matrix: Water
Analysis Batch: 199069

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.644	U	50.0	53.75		ug/L		107	72 - 125
1,1,1-Trichloroethane	<0.585	U	50.0	53.49		ug/L		107	75 - 125
1,1,2,2-Tetrachloroethane	<0.470	U	50.0	52.39		ug/L		105	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	50.0	47.19		ug/L		94	60 - 140
1,1,2-Trichloroethane	<0.411	U	50.0	53.21		ug/L		106	75 - 127
1,1-Dichloroethane	<0.635	U	50.0	50.79		ug/L		102	72 - 125
1,1-Dichloroethene	<0.738	U	50.0	48.70		ug/L		97	59 - 172
1,2,3-Trichloropropane	<0.470	U	50.0	51.23		ug/L		102	75 - 125
1,2,4-Trimethylbenzene	4.93		50.0	64.49		ug/L		119	75 - 125
1,2-Dibromo-3-Chloropropane	<0.671	U	50.0	55.37		ug/L		111	59 - 125
1,2-Dibromoethane	<0.999	U	50.0	53.10		ug/L		106	73 - 125
1,2-Dichloroethane	<0.372	U	50.0	47.85		ug/L		96	68 - 127
1,2-Dichloropropane	<0.556	U	50.0	52.49		ug/L		105	74 - 125
1,3,5-Trimethylbenzene	1.58		50.0	59.75		ug/L		116	70 - 125
1,3-Butadiene	<0.568	U	50.0	50.95		ug/L		102	70 - 150
2,2,4-Trimethylpentane	<0.500	U	50.0	37.17		ug/L		74	70 - 130
2-Butanone (MEK)	<8.28	U	250	255.4		ug/L		102	60 - 140
2-Hexanone (MBK)	<5.00	U	250	259.9		ug/L		104	60 - 140
2-Propanol	<5.23	U *+	500	507.3		ug/L		101	70 - 120
3-Chloropropene (Allyl Chloride)	<0.597	U	50.0	48.57		ug/L		97	70 - 130
4-Methyl-2-pentanone	<5.00	U	250	253.7		ug/L		101	60 - 140
Acetone	<3.07	U	250	226.8		ug/L		91	60 - 140
Acetonitrile	<14.6	U	500	494.7		ug/L		99	60 - 140
Acrolein	<11.1	U	250	251.8		ug/L		101	50 - 150
Acrylonitrile	<14.3	U	500	488.1		ug/L		98	50 - 150
alpha-Chlorotoluene	<2.26	U	50.0	45.12		ug/L		90	70 - 130
Benzene	2.06		50.0	53.86		ug/L		104	66 - 142
Bromodichloromethane	<0.552	U	50.0	50.64		ug/L		101	75 - 125
Bromoform	<0.633	U	50.0	50.85		ug/L		102	75 - 125
Bromomethane	<1.42	U *1	50.0	69.12		ug/L		138	60 - 140
Carbon disulfide	<1.65	U	50.0	43.32		ug/L		87	60 - 140
Carbon tetrachloride	<0.896	U	50.0	51.09		ug/L		102	62 - 125
Chlorobenzene	<0.455	U	50.0	52.96		ug/L		106	60 - 133
Chlorodibromomethane	<0.547	U	50.0	52.28		ug/L		105	73 - 125
Chloroethane	<1.98	U	50.0	49.87		ug/L		100	60 - 140
Chloroform	<0.464	U	50.0	50.82		ug/L		102	70 - 130
Chloromethane	<2.04	U	50.0	31.58		ug/L		63	60 - 140
Chloroprene	<0.598	U	50.0	53.36		ug/L		107	70 - 130
cis-1,2-Dichloroethene	<0.457	U	50.0	50.67		ug/L		101	75 - 125
cis-1,3-Dichloropropene	<1.07	U	50.0	53.49		ug/L		107	74 - 125
Cumene (isopropylbenzene)	<0.592	U	50.0	58.66		ug/L		117	75 - 125
Cyclohexane	<1.29	U	50.0	46.97		ug/L		94	70 - 130
Dibromomethane	<0.357	U	50.0	49.13		ug/L		98	69 - 127
Dichlorodifluoromethane	<0.785	U F1	50.0	30.17	F1	ug/L		60	70 - 130
Ethyl methacrylate	<1.12	U	50.0	55.09		ug/L		110	70 - 130
Ethylbenzene	2.64		50.0	59.09		ug/L		113	75 - 125
Hexane	<0.517	U F1	50.0	34.76	F1	ug/L		70	72 - 125
Iodomethane	<5.00	U	50.0	59.13		ug/L		118	75 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86362-E-1 MS
Matrix: Water
Analysis Batch: 199069

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Isobutanol	<17.1	U *1	1240	1279		ug/L		103	60 - 140
Methacrylonitrile	<2.72	U	500	514.5		ug/L		103	70 - 130
Methyl methacrylate	<2.25	U	100	101.4		ug/L		101	70 - 130
Methyl tert-butyl ether	<1.39	U	50.0	51.67		ug/L		103	65 - 135
Methylene Chloride	<1.73	U	50.0	47.41		ug/L		95	75 - 125
Propionitrile	<3.34	U	500	496.8		ug/L		99	70 - 130
Propylbenzene	0.845	J	50.0	57.72		ug/L		114	75 - 125
Styrene	<0.619	U	50.0	58.22		ug/L		116	75 - 125
Tetrachloroethene	<0.655	U	50.0	53.77		ug/L		108	71 - 125
Tetrahydrofuran	<1.83	U	100	97.14		ug/L		97	75 - 125
Toluene	11.6		50.0	65.44		ug/L		108	59 - 139
trans-1,2-Dichloroethene	<0.368	U	50.0	50.91		ug/L		102	75 - 125
trans-1,3-Dichloropropene	<1.27	U	50.0	54.48		ug/L		109	66 - 125
trans-1,4-Dichloro-2-butene	<1.35	U	50.0	49.76		ug/L		100	70 - 130
Trichloroethene	<1.50	U	50.0	53.24		ug/L		106	62 - 137
Trichlorofluoromethane	<0.560	U	50.0	56.63		ug/L		113	60 - 140
Vinyl acetate	<2.14	U	250	306.3		ug/L		123	60 - 140
Vinyl chloride	<0.428	U	50.0	51.01		ug/L		102	60 - 140
Xylenes, Total	16.6		100	133.4		ug/L		117	75 - 125
m,p-Xylenes	0.0108		0.0500	0.06878		mg/L		116	75 - 125
o-Xylene	0.00577		0.0500	0.06463		mg/L		118	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 144*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-199125/1-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199125

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/12/24 06:44	11/13/24 04:32	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/12/24 06:44	11/13/24 04:32	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/12/24 06:44	11/13/24 04:32	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/12/24 06:44	11/13/24 04:32	1
2,2'-oxybis[1-chloropropane]	1.839	J I	2.86	1.43	ug/L		11/12/24 06:44	11/13/24 04:32	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/12/24 06:44	11/13/24 04:32	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/12/24 06:44	11/13/24 04:32	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/12/24 06:44	11/13/24 04:32	1
2,4-Dimethylphenol	<0.192	U	0.571	0.192	ug/L		11/12/24 06:44	11/13/24 04:32	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		11/12/24 06:44	11/13/24 04:32	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/12/24 06:44	11/13/24 04:32	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/12/24 06:44	11/13/24 04:32	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/12/24 06:44	11/13/24 04:32	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/12/24 06:44	11/13/24 04:32	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199125/1-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199125

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/12/24 06:44	11/13/24 04:32	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/12/24 06:44	11/13/24 04:32	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/12/24 06:44	11/13/24 04:32	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/12/24 06:44	11/13/24 04:32	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/12/24 06:44	11/13/24 04:32	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/12/24 06:44	11/13/24 04:32	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/12/24 06:44	11/13/24 04:32	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	11/13/24 04:32	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/12/24 06:44	11/13/24 04:32	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/12/24 06:44	11/13/24 04:32	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/12/24 06:44	11/13/24 04:32	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/12/24 06:44	11/13/24 04:32	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/12/24 06:44	11/13/24 04:32	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/12/24 06:44	11/13/24 04:32	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/12/24 06:44	11/13/24 04:32	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/12/24 06:44	11/13/24 04:32	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/12/24 06:44	11/13/24 04:32	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/12/24 06:44	11/13/24 04:32	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/12/24 06:44	11/13/24 04:32	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/12/24 06:44	11/13/24 04:32	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/12/24 06:44	11/13/24 04:32	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		11/12/24 06:44	11/13/24 04:32	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/12/24 06:44	11/13/24 04:32	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/12/24 06:44	11/13/24 04:32	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/12/24 06:44	11/13/24 04:32	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/12/24 06:44	11/13/24 04:32	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/12/24 06:44	11/13/24 04:32	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/12/24 06:44	11/13/24 04:32	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		11/12/24 06:44	11/13/24 04:32	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/12/24 06:44	11/13/24 04:32	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/12/24 06:44	11/13/24 04:32	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/12/24 06:44	11/13/24 04:32	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/12/24 06:44	11/13/24 04:32	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/12/24 06:44	11/13/24 04:32	1
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/12/24 06:44	11/13/24 04:32	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/12/24 06:44	11/13/24 04:32	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/12/24 06:44	11/13/24 04:32	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/12/24 06:44	11/13/24 04:32	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/12/24 06:44	11/13/24 04:32	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	11/13/24 04:32	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/12/24 06:44	11/13/24 04:32	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		11/12/24 06:44	11/13/24 04:32	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/12/24 06:44	11/13/24 04:32	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/12/24 06:44	11/13/24 04:32	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/12/24 06:44	11/13/24 04:32	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/12/24 06:44	11/13/24 04:32	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/12/24 06:44	11/13/24 04:32	1
Phenol	0.8931	J	2.86	0.448	ug/L		11/12/24 06:44	11/13/24 04:32	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/12/24 06:44	11/13/24 04:32	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199125/1-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199125

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	<1.44	U	2.86	1.44	ug/L		11/12/24 06:44	11/13/24 04:32	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/12/24 06:44	11/13/24 04:32	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/12/24 06:44	11/13/24 04:32	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/12/24 06:44	11/13/24 04:32	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/12/24 06:44	11/13/24 04:32	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/12/24 06:44	11/13/24 04:32	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		11/12/24 06:44	11/13/24 04:32	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/12/24 06:44	11/13/24 04:32	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/12/24 06:44	11/13/24 04:32	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/12/24 06:44	11/13/24 04:32	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/12/24 06:44	11/13/24 04:32	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/12/24 06:44	11/13/24 04:32	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/12/24 06:44	11/13/24 04:32	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/12/24 06:44	11/13/24 04:32	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/12/24 06:44	11/13/24 04:32	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		11/12/24 06:44	11/13/24 04:32	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/12/24 06:44	11/13/24 04:32	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/12/24 06:44	11/13/24 04:32	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/12/24 06:44	11/13/24 04:32	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/12/24 06:44	11/13/24 04:32	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/12/24 06:44	11/13/24 04:32	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/12/24 06:44	11/13/24 04:32	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/12/24 06:44	11/13/24 04:32	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/12/24 06:44	11/13/24 04:32	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/12/24 06:44	11/13/24 04:32	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		11/12/24 06:44	11/13/24 04:32	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		11/12/24 06:44	11/13/24 04:32	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/12/24 06:44	11/13/24 04:32	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/12/24 06:44	11/13/24 04:32	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/12/24 06:44	11/13/24 04:32	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/12/24 06:44	11/13/24 04:32	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/12/24 06:44	11/13/24 04:32	1
Dimethoate	<0.122	U	0.571	0.122	ug/L		11/12/24 06:44	11/13/24 04:32	1
Dinoseb	<0.570	U	2.86	0.570	ug/L		11/12/24 06:44	11/13/24 04:32	1
Disulfoton	<0.203	U	0.571	0.203	ug/L		11/12/24 06:44	11/13/24 04:32	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/12/24 06:44	11/13/24 04:32	1
Ethyl Parathion	<0.0502	U	0.229	0.0502	ug/L		11/12/24 06:44	11/13/24 04:32	1
Famphur	<0.151	U	1.14	0.151	ug/L		11/12/24 06:44	11/13/24 04:32	1
Hexachloropropene	<0.300	U	0.571	0.300	ug/L		11/12/24 06:44	11/13/24 04:32	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/12/24 06:44	11/13/24 04:32	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/12/24 06:44	11/13/24 04:32	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/12/24 06:44	11/13/24 04:32	1
Methapyrilene	<1.00	U	2.29	1.00	ug/L		11/12/24 06:44	11/13/24 04:32	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/12/24 06:44	11/13/24 04:32	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		11/12/24 06:44	11/13/24 04:32	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/12/24 06:44	11/13/24 04:32	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	11/13/24 04:32	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/12/24 06:44	11/13/24 04:32	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/12/24 06:44	11/13/24 04:32	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199125/1-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199125

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/12/24 06:44	11/13/24 04:32	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		11/12/24 06:44	11/13/24 04:32	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		11/12/24 06:44	11/13/24 04:32	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		11/12/24 06:44	11/13/24 04:32	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	11/13/24 04:32	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	11/13/24 04:32	1
Phorate	<0.221	U	0.571	0.221	ug/L		11/12/24 06:44	11/13/24 04:32	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		11/12/24 06:44	11/13/24 04:32	1
Pronamide	<0.100	U	0.571	0.100	ug/L		11/12/24 06:44	11/13/24 04:32	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/12/24 06:44	11/13/24 04:32	1
Sulfotepp	<0.147	U	0.571	0.147	ug/L		11/12/24 06:44	11/13/24 04:32	1
Thionazin	<0.208	U	1.14	0.208	ug/L		11/12/24 06:44	11/13/24 04:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*100*		*35 - 130*	*11/12/24 06:44*	*11/13/24 04:32*	*1*
2-Fluorobiphenyl	*103*		*43 - 130*	*11/12/24 06:44*	*11/13/24 04:32*	*1*
2-Fluorophenol (Surr)	*50*		*19 - 120*	*11/12/24 06:44*	*11/13/24 04:32*	*1*
Nitrobenzene-d5 (Surr)	*112*		*37 - 133*	*11/12/24 06:44*	*11/13/24 04:32*	*1*
Phenol-d5 (Surr)	*33*		*8 - 124*	*11/12/24 06:44*	*11/13/24 04:32*	*1*
p-Terphenyl-d14	*123*		*47 - 130*	*11/12/24 06:44*	*11/13/24 04:32*	*1*

Lab Sample ID: LCS 860-199125/2-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199125

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	2.86	1.463		ug/L		51	32 - 130
1,2-Dichlorobenzene	2.86	1.515		ug/L		53	32 - 130
1,3-Dichlorobenzene	2.86	1.327		ug/L		46	26 - 130
1,4-Dichlorobenzene	2.86	1.383		ug/L		48	28 - 130
2,2'-oxybis[1-chloropropane]	2.86	5.041	I *+	ug/L		176	10 - 173
2,4,5-Trichlorophenol	2.86	3.364		ug/L		118	35 - 130
2,4,6-Trichlorophenol	2.86	2.774		ug/L		97	52 - 129
2,4-Dichlorophenol	2.86	3.166		ug/L		111	53 - 122
2,4-Dimethylphenol	2.86	4.010	*+	ug/L		140	42 - 120
1,4-Dioxane	2.86	0.8034		ug/L		28	27 - 130
2,4-Dinitrophenol	2.86	0.9341	J	ug/L		33	12 - 173
2,4-Dinitrotoluene	2.86	3.313		ug/L		116	48 - 127
2,6-Dinitrotoluene	2.86	3.242		ug/L		113	68 - 137
2-Chloronaphthalene	2.86	2.451		ug/L		86	10 - 130
2-Methylnaphthalene	2.86	2.030		ug/L		71	25 - 175
2-Methylphenol	2.86	2.460		ug/L		86	14 - 176
2-Nitroaniline	2.86	3.475		ug/L		122	59 - 130
2-Nitrophenol	2.86	3.311		ug/L		116	45 - 167
3 & 4 Methylphenol	2.86	2.372		ug/L		83	22 - 130
3-Nitroaniline	2.86	2.034		ug/L		71	30 - 130
4,6-Dinitro-2-methylphenol	2.86	0.9093	J	ug/L		32	10 - 130
4-Bromophenyl phenyl ether	2.86	3.033		ug/L		106	65 - 120

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199125/2-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199125

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chloro-3-methylphenol	2.86	3.113		ug/L		109	41 - 128
4-Chloroaniline	2.86	1.812		ug/L		63	30 - 130
4-Chlorophenyl phenyl ether	2.86	2.839		ug/L		99	38 - 145
4-Nitroaniline	2.86	2.518		ug/L		88	42 - 125
Acenaphthene	2.86	2.765		ug/L		97	60 - 132
Acenaphthylene	2.86	3.167		ug/L		111	54 - 126
Aniline	2.86	1.434		ug/L		50	15 - 130
Anthracene	2.86	3.316		ug/L		116	43 - 135
Benzo[a]anthracene	2.86	3.354		ug/L		117	42 - 133
Benzo[a]pyrene	2.86	3.362		ug/L		118	32 - 148
Benzo[b]fluoranthene	2.86	3.275		ug/L		115	42 - 140
Benzo[g,h,i]perylene	2.86	3.091		ug/L		108	25 - 195
Benzo[k]fluoranthene	2.86	3.054		ug/L		107	25 - 146
Benzyl alcohol	2.86	1.518	*-	ug/L		53	57 - 130
Bis(2-chloroethoxy)methane	2.86	3.371		ug/L		118	49 - 165
Bis(2-chloroethyl)ether	2.86	3.380		ug/L		118	43 - 126
Bis(2-ethylhexyl) phthalate	2.86	3.384		ug/L		118	29 - 137
Butyl benzyl phthalate	2.86	3.207		ug/L		112	28 - 130
Chrysene	2.86	3.334		ug/L		117	47 - 130
Dibenz(a,h)anthracene	2.86	3.287		ug/L		115	32 - 200
Dibenzofuran	2.86	2.917		ug/L		102	48 - 130
Diethyl phthalate	2.86	3.109		ug/L		109	53 - 120
Dimethyl phthalate	2.86	3.525	*+	ug/L		123	67 - 120
Di-n-butyl phthalate	2.86	3.266		ug/L		114	8 - 120
Di-n-octyl phthalate	2.86	3.713		ug/L		130	19 - 200
Fluoranthene	2.86	3.368		ug/L		118	43 - 130
Fluorene	2.86	3.213		ug/L		112	70 - 130
Hexachlorobenzene	2.86	3.127		ug/L		109	8 - 142
Hexachlorobutadiene	2.86	1.022		ug/L		36	10 - 130
Hexachlorocyclopentadiene	2.86	1.901		ug/L		67	10 - 130
Hexachloroethane	2.86	1.142		ug/L		40	10 - 130
Indeno[1,2,3-cd]pyrene	2.86	3.110		ug/L		109	29 - 151
Isophorone	2.86	3.405		ug/L		119	47 - 180
Naphthalene	2.86	2.355		ug/L		82	36 - 120
Nitrobenzene	2.86	3.103		ug/L		109	54 - 130
N-Nitrosodi-n-propylamine	2.86	3.396		ug/L		119	14 - 198
N-Nitrosodiphenylamine	2.86	3.413		ug/L		119	40 - 127
Pentachlorophenol	2.86	2.662		ug/L		93	38 - 152
Phenanthrene	2.86	3.168		ug/L		111	65 - 120
Phenol	2.86	2.954		ug/L		103	17 - 120
Pyrene	2.86	3.435		ug/L		120	70 - 130
Pyridine	2.86	<1.44	U	ug/L		36	1 - 126
N-Nitro-o-toluidine	2.86	2.751		ug/L		96	47 - 130
2,3,4,6-Tetrachlorophenol	2.86	2.833		ug/L		99	33 - 132
Acetophenone	2.86	3.594		ug/L		126	58 - 130
N-Nitrosopiperidine	2.86	3.099		ug/L		108	54 - 130
Pentachlorobenzene	2.86	2.406		ug/L		84	47 - 130
Diphenyl ether	2.86	2.645		ug/L		93	61 - 130
1,1'-Biphenyl	2.86	2.565		ug/L		90	52 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199125/2-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199125

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Aminobiphenyl	2.86	2.586		ug/L		91	35 - 130
1,2,4,5-Tetrachlorobenzene	2.86	1.573		ug/L		55	52 - 130
1,3,5-Trinitrobenzene	2.86	2.893		ug/L		101	42 - 130
1,3-Dinitrobenzene	2.86	3.332		ug/L		117	54 - 130
1,4-Naphthoquinone	2.86	3.236		ug/L		113	34 - 130
1-Naphthylamine	2.86	1.668		ug/L		58	40 - 130
2,6-Dichlorophenol	2.86	2.712		ug/L		95	40 - 130
2-Acetylaminofluorene	2.86	3.550		ug/L		124	50 - 150
2-Chlorophenol	2.86	2.910		ug/L		102	36 - 120
2-Naphthylamine	2.86	1.692		ug/L		59	30 - 130
2-Picoline	2.86	1.137		ug/L		40	22 - 130
2-Toluidine	2.86	1.488		ug/L		52	30 - 130
3,3'-Dichlorobenzidine	2.86	2.693		ug/L		94	20 - 150
3,3'-Dimethylbenzidine	2.86	1.367		ug/L		48	30 - 130
3-Methylcholanthrene	2.86	3.305		ug/L		116	53 - 130
4-Nitroquinoline-1-oxide	2.86	2.059		ug/L		72	39 - 130
7,12-Dimethylbenz(a)anthracene	2.86	3.244		ug/L		114	63 - 130
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U *-	ug/L		15	20 - 130
Aramite Peak 1	1.43	2.100	*+	ug/L		147	69 - 130
Aramite Peak 2	1.43	1.739		ug/L		122	65 - 130
Diallate Peak 1	2.11	2.696		ug/L		128	69 - 130
Diallate Peak 2	0.743	0.8985		ug/L		121	67 - 130
Ethyl methanesulfonate	2.86	2.220		ug/L		78	54 - 130
Hexachloropropene	2.86	1.073		ug/L		38	37 - 130
Isosafrole Peak 1	0.457	0.4862	J	ug/L		106	54 - 130
Isosafrole Peak 2	2.40	2.680		ug/L		112	62 - 130
Methyl methanesulfonate	2.86	0.9686		ug/L		34	30 - 130
N-Nitrosodiethylamine	2.86	3.145		ug/L		110	54 - 130
N-Nitrosodimethylamine	2.86	0.7286	*-	ug/L		26	28 - 126
N-Nitrosodi-n-butylamine	2.86	3.537		ug/L		124	58 - 130
N-Nitrosomethylethylamine	2.86	1.853		ug/L		65	45 - 130
N-Nitrosomorpholine	2.86	1.186		ug/L		41	37 - 130
N-Nitrosopyrrolidine	2.86	1.537		ug/L		54	47 - 130
p-Dimethylamino azobenzene	2.86	3.043		ug/L		106	61 - 130
Pentachloronitrobenzene	2.86	3.263		ug/L		114	56 - 130
Phenacetin	2.86	3.116		ug/L		109	70 - 130
p-Phenylene diamine	2.86	0.6173	J I	ug/L		22	3 - 120
Pronamide	2.86	3.510		ug/L		123	70 - 130
Safrole, Total	2.86	3.028		ug/L		106	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*108*		*35 - 130*
2-Fluorobiphenyl	*99*		*43 - 130*
2-Fluorophenol (Surr)	*50*		*19 - 120*
Nitrobenzene-d5 (Surr)	*115*		*37 - 133*
Phenol-d5 (Surr)	*33*		*8 - 124*
p-Terphenyl-d14	*119*		*47 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199125/4-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199125

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Dimethoate			2.86	8.632	*+	ug/L		302	45 - 138		
Dinoseb			5.71	6.920		ug/L		121	49 - 130		
Disulfoton			5.71	8.498	*+	ug/L		149	38 - 134		
Ethyl Parathion			2.86	10.85	*+	ug/L		380	25 - 173		
Famphur			2.86	5.440	*+	ug/L		190	43 - 142		
Methapyrilene			5.71	15.10	*+	ug/L		264	70 - 183		
Methyl parathion			5.71	10.60	*+	ug/L		186	26 - 159		
o,o',o''-Triethylphosphorothioate			2.86	4.440	*+	ug/L		155	43 - 130		
Phorate			5.71	8.845	*+	ug/L		155	37 - 140		
Sulfotepp			2.86	9.454	*+	ug/L		331	28 - 158		
Thionazin			2.86	4.867	*+	ug/L		170	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*94*		*35 - 130*
2-Fluorobiphenyl	*101*		*43 - 130*
2-Fluorophenol (Surr)	*44*		*19 - 120*
Nitrobenzene-d5 (Surr)	*111*		*37 - 133*
Phenol-d5 (Surr)	*32*		*8 - 124*
p-Terphenyl-d14	*118*		*47 - 130*

Lab Sample ID: LCSD 860-199125/3-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199125

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			2.86	1.391		ug/L		49	32 - 130	5	30
1,2-Dichlorobenzene			2.86	1.410		ug/L		49	32 - 130	7	30
1,3-Dichlorobenzene			2.86	1.255		ug/L		44	26 - 130	6	30
1,4-Dichlorobenzene			2.86	1.301		ug/L		46	28 - 130	6	30
2,2'-oxybis[1-chloropropane]			2.86	4.442	I	ug/L		155	10 - 173	13	30
2,4,5-Trichlorophenol			2.86	3.220		ug/L		113	35 - 130	4	30
2,4,6-Trichlorophenol			2.86	2.684		ug/L		94	52 - 129	3	30
2,4-Dichlorophenol			2.86	3.111		ug/L		109	53 - 122	2	30
2,4-Dimethylphenol			2.86	3.907	*+	ug/L		137	42 - 120	3	30
1,4-Dioxane			2.86	0.7895		ug/L		28	27 - 130	2	30
2,4-Dinitrophenol			2.86	0.8640	J	ug/L		30	12 - 173	8	30
2,4-Dinitrotoluene			2.86	3.118		ug/L		109	48 - 127	6	30
2,6-Dinitrotoluene			2.86	3.099		ug/L		108	68 - 137	5	30
2-Chloronaphthalene			2.86	2.396		ug/L		84	10 - 130	2	30
2-Methylnaphthalene			2.86	1.964		ug/L		69	25 - 175	3	30
2-Methylphenol			2.86	2.322		ug/L		81	14 - 176	6	30
2-Nitroaniline			2.86	3.357		ug/L		118	59 - 130	3	30
2-Nitrophenol			2.86	3.246		ug/L		114	45 - 167	2	30
3 & 4 Methylphenol			2.86	2.126		ug/L		74	22 - 130	11	30
3-Nitroaniline			2.86	1.933		ug/L		68	30 - 130	5	30
4,6-Dinitro-2-methylphenol			2.86	0.9094	J	ug/L		32	10 - 130	0	30
4-Bromophenyl phenyl ether			2.86	2.819		ug/L		99	65 - 120	7	30
4-Chloro-3-methylphenol			2.86	3.069		ug/L		107	41 - 128	1	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199125/3-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199125

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chloroaniline	2.86	1.802		ug/L		63	30 - 130	1	30
4-Chlorophenyl phenyl ether	2.86	2.719		ug/L		95	38 - 145	4	30
4-Nitroaniline	2.86	2.288		ug/L		80	42 - 125	10	30
Acenaphthene	2.86	2.668		ug/L		93	60 - 132	4	30
Acenaphthylene	2.86	3.044		ug/L		107	54 - 126	4	30
Aniline	2.86	1.466		ug/L		51	15 - 130	2	30
Anthracene	2.86	3.229		ug/L		113	43 - 135	3	30
Benzo[a]anthracene	2.86	3.324		ug/L		116	42 - 133	1	30
Benzo[a]pyrene	2.86	3.388		ug/L		119	32 - 148	1	30
Benzo[b]fluoranthene	2.86	3.238		ug/L		113	42 - 140	1	30
Benzo[g,h,i]perylene	2.86	3.062		ug/L		107	25 - 195	1	30
Benzo[k]fluoranthene	2.86	2.944		ug/L		103	25 - 146	4	30
Benzyl alcohol	2.86	1.442	*-	ug/L		50	57 - 130	5	30
Bis(2-chloroethoxy)methane	2.86	3.278		ug/L		115	49 - 165	3	30
Bis(2-chloroethyl)ether	2.86	3.230		ug/L		113	43 - 126	5	30
Bis(2-ethylhexyl) phthalate	2.86	3.327		ug/L		116	29 - 137	2	30
Butyl benzyl phthalate	2.86	3.097		ug/L		108	28 - 130	3	30
Chrysene	2.86	3.180		ug/L		111	47 - 130	5	30
Dibenz(a,h)anthracene	2.86	3.162		ug/L		111	32 - 200	4	30
Dibenzofuran	2.86	2.771		ug/L		97	48 - 130	5	30
Diethyl phthalate	2.86	2.957		ug/L		103	53 - 120	5	30
Dimethyl phthalate	2.86	3.416		ug/L		120	67 - 120	3	30
Di-n-butyl phthalate	2.86	3.175		ug/L		111	8 - 120	3	30
Di-n-octyl phthalate	2.86	3.589		ug/L		126	19 - 200	3	30
Fluoranthene	2.86	3.306		ug/L		116	43 - 130	2	30
Fluorene	2.86	3.060		ug/L		107	70 - 130	5	30
Hexachlorobenzene	2.86	2.956		ug/L		103	8 - 142	6	30
Hexachlorobutadiene	2.86	1.006		ug/L		35	10 - 130	2	30
Hexachlorocyclopentadiene	2.86	1.859		ug/L		65	10 - 130	2	30
Hexachloroethane	2.86	1.111		ug/L		39	10 - 130	3	30
Indeno[1,2,3-cd]pyrene	2.86	3.074		ug/L		108	29 - 151	1	30
Isophorone	2.86	3.264		ug/L		114	47 - 180	4	30
Naphthalene	2.86	2.287		ug/L		80	36 - 120	3	30
Nitrobenzene	2.86	3.008		ug/L		105	54 - 130	3	30
N-Nitrosodi-n-propylamine	2.86	3.451		ug/L		121	14 - 198	2	30
N-Nitrosodiphenylamine	2.86	3.195		ug/L		112	40 - 127	7	30
Pentachlorophenol	2.86	2.392		ug/L		84	38 - 152	11	30
Phenanthrene	2.86	3.029		ug/L		106	65 - 120	4	30
Phenol	2.86	2.816	J	ug/L		99	17 - 120	5	30
Pyrene	2.86	3.303		ug/L		116	70 - 130	4	30
Pyridine	2.86	<1.44	U	ug/L		44	1 - 126	22	30
N-Nitro-o-toluidine	2.86	2.590		ug/L		91	47 - 130	6	30
2,3,4,6-Tetrachlorophenol	2.86	2.518		ug/L		88	33 - 132	12	30
Acetophenone	2.86	3.381		ug/L		118	58 - 130	6	30
N-Nitrosopiperidine	2.86	2.950		ug/L		103	54 - 130	5	30
Pentachlorobenzene	2.86	2.153		ug/L		75	47 - 130	11	30
Diphenyl ether	2.86	2.557		ug/L		89	61 - 130	3	30
1,1'-Biphenyl	2.86	2.421		ug/L		85	52 - 130	6	30
4-Aminobiphenyl	2.86	2.443		ug/L		85	35 - 130	6	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199125/3-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199125

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4,5-Tetrachlorobenzene			2.86	1.501		ug/L		53	52 - 130	5	30
1,3,5-Trinitrobenzene			2.86	2.576		ug/L		90	42 - 130	12	30
1,3-Dinitrobenzene			2.86	3.195		ug/L		112	54 - 130	4	30
1,4-Naphthoquinone			2.86	3.101		ug/L		109	34 - 130	4	30
1-Naphthylamine			2.86	1.541		ug/L		54	40 - 130	8	30
2,6-Dichlorophenol			2.86	2.593		ug/L		91	40 - 130	4	30
2-Acetylaminofluorene			2.86	3.452		ug/L		121	50 - 150	3	30
2-Chlorophenol			2.86	2.754		ug/L		96	36 - 120	6	30
2-Naphthylamine			2.86	1.702		ug/L		60	30 - 130	1	30
2-Picoline			2.86	1.155		ug/L		40	22 - 130	2	30
2-Toluidine			2.86	1.470		ug/L		51	30 - 130	1	30
3,3'-Dichlorobenzidine			2.86	2.663		ug/L		93	20 - 150	1	30
3,3'-Dimethylbenzidine			2.86	1.379		ug/L		48	30 - 130	1	30
3-Methylcholanthrene			2.86	3.256		ug/L		114	53 - 130	1	30
4-Nitroquinoline-1-oxide			2.86	2.052		ug/L		72	39 - 130	0	30
7,12-Dimethylbenz(a)anthracene			2.86	3.094		ug/L		108	63 - 130	5	30
alpha,alpha-Dimethyl phenethylamine			2.86	<3.67	U *- *1	ug/L		9	20 - 130	47	30
Aramite Peak 1			1.43	2.080	*+	ug/L		146	69 - 130	1	30
Aramite Peak 2			1.43	1.668		ug/L		117	65 - 130	4	30
Diallate Peak 1			2.11	2.481		ug/L		117	69 - 130	8	30
Diallate Peak 2			0.743	0.8591		ug/L		116	67 - 130	4	30
Ethyl methanesulfonate			2.86	2.098		ug/L		73	54 - 130	6	30
Hexachloropropene			2.86	1.015	*-	ug/L		36	37 - 130	6	30
Isosafrole Peak 1			0.457	0.4541	J	ug/L		99	54 - 130	7	30
Isosafrole Peak 2			2.40	2.553		ug/L		106	62 - 130	5	30
Methyl methanesulfonate			2.86	0.9185		ug/L		32	30 - 130	5	30
N-Nitrosodiethylamine			2.86	2.840		ug/L		99	54 - 130	10	30
N-Nitrosodimethylamine			2.86	0.6856	*-	ug/L		24	28 - 126	6	30
N-Nitrosodi-n-butylamine			2.86	3.475		ug/L		122	58 - 130	2	30
N-Nitrosomethylethylamine			2.86	1.731		ug/L		61	45 - 130	7	30
N-Nitrosomorpholine			2.86	1.137		ug/L		40	37 - 130	4	30
N-Nitrosopyrrolidine			2.86	1.430		ug/L		50	47 - 130	7	30
p-Dimethylamino azobenzene			2.86	2.871		ug/L		100	61 - 130	6	30
Pentachloronitrobenzene			2.86	3.095		ug/L		108	56 - 130	5	30
Phenacetin			2.86	2.899		ug/L		101	70 - 130	7	30
p-Phenylene diamine			2.86	<0.500	U *- *1	ug/L		0	3 - 120	200	30
Pronamide			2.86	3.358		ug/L		118	70 - 130	4	30
Safrole, Total			2.86	2.883		ug/L		101	70 - 130	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*104*		*35 - 130*
2-Fluorobiphenyl	*93*		*43 - 130*
2-Fluorophenol (Surr)	*47*		*19 - 120*
Nitrobenzene-d5 (Surr)	*109*		*37 - 133*
Phenol-d5 (Surr)	*30*		*8 - 124*
p-Terphenyl-d14	*115*		*47 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199125/5-A
Matrix: Water
Analysis Batch: 199353

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199125

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethoate			2.86	9.026	*+	ug/L		316	45 - 138	4	30
Dinoseb			5.71	7.568	*+	ug/L		132	49 - 130	9	30
Disulfoton			5.71	8.355	*+	ug/L		146	38 - 134	2	30
Ethyl Parathion			2.86	10.37	*+	ug/L		363	25 - 173	4	30
Famphur			2.86	5.355	*+	ug/L		187	43 - 142	2	30
Methapyrilene			5.71	14.80	*+	ug/L		259	70 - 183	2	30
Methyl parathion			5.71	10.30	*+	ug/L		180	26 - 159	3	30
o,o',o''-Triethylphosphorothioate			2.86	4.453	*+	ug/L		156	43 - 130	0	30
Phorate			5.71	9.063	*+	ug/L		159	37 - 140	2	30
Sulfotepp			2.86	9.316	*+	ug/L		326	28 - 158	1	30
Thionazin			2.86	4.801	*+	ug/L		168	50 - 150	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*91*		*35 - 130*
2-Fluorobiphenyl	*99*		*43 - 130*
2-Fluorophenol (Surr)	*49*		*19 - 120*
Nitrobenzene-d5 (Surr)	*107*		*37 - 133*
Phenol-d5 (Surr)	*36*		*8 - 124*
p-Terphenyl-d14	*102*		*47 - 130*

GC/MS VOA

Analysis Batch: 199069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86520-1	MW-79	Total/NA	Water	8260D	
860-86520-2	MW-86	Total/NA	Water	8260D	
860-86520-3	MW-39	Total/NA	Water	8260D	
860-86520-4	MW-87	Total/NA	Water	8260D	
860-86520-5	MW-85	Total/NA	Water	8260D	
860-86520-6	TB-01 (110524)	Total/NA	Water	8260D	
MB 860-199069/12	Method Blank	Total/NA	Water	8260D	
LCS 860-199069/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-199069/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-86362-E-1 MS	Matrix Spike	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 199125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86520-1 - DL	MW-79	Total/NA	Water	3511	
860-86520-1	MW-79	Total/NA	Water	3511	
860-86520-2	MW-86	Total/NA	Water	3511	
860-86520-3	MW-39	Total/NA	Water	3511	
860-86520-3 - DL	MW-39	Total/NA	Water	3511	
860-86520-4	MW-87	Total/NA	Water	3511	
860-86520-4 - DL	MW-87	Total/NA	Water	3511	
860-86520-5	MW-85	Total/NA	Water	3511	
MB 860-199125/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-199125/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-199125/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-199125/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-199125/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 199353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-199125/1-A	Method Blank	Total/NA	Water	8270E	199125
LCS 860-199125/2-A	Lab Control Sample	Total/NA	Water	8270E	199125
LCS 860-199125/4-A	Lab Control Sample	Total/NA	Water	8270E	199125
LCSD 860-199125/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	199125
LCSD 860-199125/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	199125

Analysis Batch: 200208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86520-1	MW-79	Total/NA	Water	8270E	199125

Analysis Batch: 200531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86520-2	MW-86	Total/NA	Water	8270E	199125

Analysis Batch: 202295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86520-1 - DL	MW-79	Total/NA	Water	8270E	199125

QC Association Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86520-1

GC/MS Semi VOA

Analysis Batch: 203992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86520-3	MW-39	Total/NA	Water	8270E	199125
860-86520-4	MW-87	Total/NA	Water	8270E	199125
860-86520-5	MW-85	Total/NA	Water	8270E	199125

Analysis Batch: 204271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86520-3 - DL	MW-39	Total/NA	Water	8270E	199125
860-86520-4 - DL	MW-87	Total/NA	Water	8270E	199125

Lab Chronicle

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86520-1

Client Sample ID: MW-79
Date Collected: 11/05/24 08:27
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		10	5 mL	5 mL	199069	11/12/24 10:17	KLV	EET HOU
Total/NA	Prep	3511	DL		70.1 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E	DL	100	1 mL	1 mL	202295	11/26/24 23:07	PXS	EET HOU
Total/NA	Prep	3511			70.1 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	200208	11/18/24 01:00	T1S	EET HOU

Client Sample ID: MW-86
Date Collected: 11/05/24 08:58
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	199069	11/12/24 07:13	KLV	EET HOU
Total/NA	Prep	3511			69.3 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	200531	11/19/24 06:36	EM	EET HOU

Client Sample ID: MW-39
Date Collected: 11/05/24 09:36
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		10	5 mL	5 mL	199069	11/12/24 10:40	KLV	EET HOU
Total/NA	Prep	3511			69.4 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	203992	12/07/24 09:10	PXS	EET HOU
Total/NA	Prep	3511	DL		69.4 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E	DL	100	1 mL	1 mL	204271	12/10/24 02:06	LPL	EET HOU

Client Sample ID: MW-87
Date Collected: 11/05/24 09:40
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	199069	11/12/24 07:36	KLV	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	203992	12/07/24 09:40	PXS	EET HOU
Total/NA	Prep	3511	DL		70 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E	DL	20	1 mL	1 mL	204271	12/10/24 02:35	LPL	EET HOU

Client Sample ID: MW-85
Date Collected: 11/05/24 10:13
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86520-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	199069	11/12/24 07:59	KLV	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	199125	11/12/24 06:44	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	203992	12/07/24 10:10	PXS	EET HOU

Lab Chronicle

Client: Ashland LLC
Job ID: 860-86520-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: TB-01 (110524)
Lab Sample ID: 860-86520-6

Date Collected: 11/05/24 00:00
Matrix: Water

Date Received: 11/07/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	199069	11/12/24 06:03	KLV	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Ashland LLC
Job ID: 860-86520-1
Project/Site: Hercules Hattiesburg, MS

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-03-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	06-30-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	06-30-25
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86520-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86520-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-86520-1	MW-79	Water	11/05/24 08:27	11/07/24 09:52
860-86520-2	MW-86	Water	11/05/24 08:58	11/07/24 09:52
860-86520-3	MW-39	Water	11/05/24 09:36	11/07/24 09:52
860-86520-4	MW-87	Water	11/05/24 09:40	11/07/24 09:52
860-86520-5	MW-85	Water	11/05/24 10:13	11/07/24 09:52
860-86520-6	TB-01 (110524)	Water	11/05/24 00:00	11/07/24 09:52

Chain of Custody Record

Stafford, TX 77477
Phone (281) 240-4200

Client Information	Sampler: K. Montgomery B. Cat	Lab PM: Kudchadkar Sachin G	Carrier Tracking No(s):	COC No: 860-33465-10045.1
Client Contact: Mr Antonio Cardoso	Phone: 225-205-8124	E-Mail: Sachin.Kudchadkar@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Arcadis US Inc.	PWSID:			Job #:
Address: 4300 West Cypress Street Suite 450	Due Date Requested:			
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33607	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 1095575			
Email: antonio.cardoso@arcadis.com	WO #:			
Project Name: Hercules Hattiesburg, MS	Project #: 86006085			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ (MOD) Appendix 9 SVOCs	8260D (MOD) Appendix 9 VOCs	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N		
MW-79	11/5/24	0927	G	Water	N	N	X	X	3	
MW-81	"	0858	G	Water	N	N	X	X	3	
MW-30	"	0936	G	Water	N	N	X	X	3	
MW-84	"	0940	G	Water	N	N	X	X	3	
MW-85	"	1015	G	Water	N	N	X	X	3	
TB-01 (11052+)	"	--	G	Water	N			X	2	
				Water						
				Water						
				Water						
				Water						
				Water						

860-86520 Chain of Custody

Other

Preservation Codes: N None

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:		Method of Shipment:	
Relinquished by:	Date/Time: 11-6-24 / 1600	Company: ARCADIS	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Neamo	Date/Time: 11/7/24 952	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 3 2 3 1 HOJ 368

Ver: 05/06/2024

12/11/2024

Login Sample Receipt Checklist

Client: Ashland LLC

Job Number: 860-86520-1

Login Number: 86520
List Number: 1
Creator: Jimenez, Nicanor

List Source: Eurofins Houston

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Timothy Hassett
Ashland LLC
Ashland Hercules Research Center
500 Hercules Rd Bldg 8145
Wilmington, Delaware 19808

Generated 12/11/2024 2:02:39 PM

JOB DESCRIPTION

Hercules Hattiesburg, MS

JOB NUMBER

860-86555-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
12/11/2024 2:02:39 PM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Definitions/Glossary

Client: Ashland LLC
Job ID: 860-86555-1
Project/Site: Hercules Hattiesburg, MS

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
860-86555-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/7/2024 9:52 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.8°C.

GC/MS VOA
Method 8260D: The matrix spike/matrix spike duplicate (MS/MSD) for analytical batch 860-198955 exceeded control limits for the following analyte(s): Dichlorodifluoromethane, Note that this analyte is a known poor performer when analyzed using this method.

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-198955 recovered outside acceptance criteria, low biased, for Dichlorodifluoromethane, Chloromethane, Vinyl chloride, Acetone, Isopropyl alcohol, Isobutyl alcohol, Hexane, Butadiene and Bromomethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-199556 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: (CCV 860-199556/3) and (CCVIS 860-199556/2).

Method 8270E_QQQ: The surrogate recovery for the method blank, laboratory control sample, and laboratory control sample duplicate associated with preparation batch 860-199385 and analytical batch 860-199556 was outside the upper control limits.

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-199385 and analytical batch 860-199556 recovered outside acceptance limits for multiple analytes. There was insufficient sample to perform a re-extraction or re-analysis; therefore, the data have been reported.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-203992 recovered above the upper control limit for Anthracene, Methyl methanesulfonate, p-Terphenyl-d14, 3 & 4 Methylphenol, Phenanthrene, Chrysene and Isophorone. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-203992/2).

Method 8270E_QQQ: Surrogate recovery for the following sample was outside the upper control limit: MW-34-SR (860-86555-2). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-25 (860-86555-3), MW-129-D (860-86555-5), MW-32-S (860-86555-6) and MW-31-S (860-86555-11). These results have been reported and qualified.

Method 8270E_QQQ: Surrogate recovery for the following samples were outside of acceptance limits: MW-34-DR (860-86555-4),

Job ID: 860-86555-1 (Continued) Eurofins Houston

MW-32-D (860-86555-7), MW-27-D (860-86555-9) and RB-02 (860-86555-10). There was insufficient sample to perform a re-extraction; therefore, the data have been reported.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The method blank for preparation batch 860-199385 contained 2,2'-oxybis[1-chloropropane] above the method detection limit (MDL). There was insufficient sample to perform a re-extraction and re-analysis; therefore, the data have been reported.

Method 8270E_QQQ: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-34-DR (860-86555-4). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The following sample required a dilution due to the nature of the sample matrix: MW-34-DR (860-86555-4). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Ashland LLC
Job ID: 860-86555-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: TB-02 — Lab Sample ID: 860-86555-1

No Detections.

Client Sample ID: MW-34-SR — Lab Sample ID: 860-86555-2

No Detections.

Client Sample ID: MW-25 — Lab Sample ID: 860-86555-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.57		0.570	0.0887	ug/L	1		8270E	Total/NA
Benzyl alcohol	0.603	J	1.14	0.598	ug/L	1		8270E	Total/NA
Diphenyl ether	1.92		0.570	0.0907	ug/L	1		8270E	Total/NA
Sulfotepp	0.361	J *+	0.570	0.146	ug/L	1		8270E	Total/NA

Client Sample ID: MW-34-DR — Lab Sample ID: 860-86555-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dibenzofuran	0.204	J	0.563	0.105	ug/L	1		8270E	Total/NA
Phenol	1.26	J I	2.82	0.442	ug/L	1		8270E	Total/NA
Diphenyl ether - DL	207		28.2	4.48	ug/L	50		8270E	Total/NA
1,1'-Biphenyl - DL	57.1		28.2	4.84	ug/L	50		8270E	Total/NA

Client Sample ID: MW-129-D — Lab Sample ID: 860-86555-5

No Detections.

Client Sample ID: MW-32-S — Lab Sample ID: 860-86555-6

No Detections.

Client Sample ID: MW-32-D — Lab Sample ID: 860-86555-7

No Detections.

Client Sample ID: MW-27-S — Lab Sample ID: 860-86555-8

No Detections.

Client Sample ID: MW-27-D — Lab Sample ID: 860-86555-9

No Detections.

Client Sample ID: RB-02 — Lab Sample ID: 860-86555-10

No Detections.

Client Sample ID: MW-31-S — Lab Sample ID: 860-86555-11

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

Client Sample ID: TB-02

Date Collected: 11/06/24 00:00
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-1

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/11/24 21:51	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/11/24 21:51	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/11/24 21:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/11/24 21:51	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/11/24 21:51	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/11/24 21:51	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/11/24 21:51	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/11/24 21:51	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/11/24 21:51	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/11/24 21:51	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/11/24 21:51	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/11/24 21:51	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/11/24 21:51	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/11/24 21:51	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/11/24 21:51	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/11/24 21:51	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/11/24 21:51	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/11/24 21:51	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/11/24 21:51	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/11/24 21:51	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/11/24 21:51	1
Acetone	<3.07	U	100	3.07	ug/L			11/11/24 21:51	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/11/24 21:51	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/11/24 21:51	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/11/24 21:51	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/11/24 21:51	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/11/24 21:51	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/11/24 21:51	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/11/24 21:51	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/11/24 21:51	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/11/24 21:51	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/11/24 21:51	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/11/24 21:51	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/11/24 21:51	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/11/24 21:51	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/11/24 21:51	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/11/24 21:51	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/11/24 21:51	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/11/24 21:51	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/11/24 21:51	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/11/24 21:51	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/11/24 21:51	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/11/24 21:51	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/11/24 21:51	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/11/24 21:51	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/11/24 21:51	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/11/24 21:51	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/11/24 21:51	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/11/24 21:51	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

Client Sample ID: TB-02

Lab Sample ID: 860-86555-1

Date Collected: 11/06/24 00:00

Matrix: Water

Date Received: 11/07/24 09:52

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/11/24 21:51	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/11/24 21:51	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/11/24 21:51	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/11/24 21:51	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/11/24 21:51	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/11/24 21:51	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/11/24 21:51	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/11/24 21:51	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/11/24 21:51	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/11/24 21:51	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/11/24 21:51	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/11/24 21:51	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/11/24 21:51	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/11/24 21:51	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/11/24 21:51	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/11/24 21:51	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/11/24 21:51	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/11/24 21:51	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/11/24 21:51	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/11/24 21:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*11/11/24 21:51*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*11/11/24 21:51*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*11/11/24 21:51*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/11/24 21:51*	*1*

Client Sample ID: MW-34-SR

Lab Sample ID: 860-86555-2

Date Collected: 11/06/24 09:41

Matrix: Water

Date Received: 11/07/24 09:52

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/11/24 22:11	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/11/24 22:11	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/11/24 22:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/11/24 22:11	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/11/24 22:11	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/11/24 22:11	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/11/24 22:11	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/11/24 22:11	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/11/24 22:11	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/11/24 22:11	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/11/24 22:11	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/11/24 22:11	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/11/24 22:11	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/11/24 22:11	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/11/24 22:11	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/11/24 22:11	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/11/24 22:11	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

Client Sample ID: MW-34-SR

Date Collected: 11/06/24 09:41
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-2

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/11/24 22:11	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/11/24 22:11	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/11/24 22:11	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/11/24 22:11	1
Acetone	<3.07	U	100	3.07	ug/L			11/11/24 22:11	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/11/24 22:11	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/11/24 22:11	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/11/24 22:11	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/11/24 22:11	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/11/24 22:11	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/11/24 22:11	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/11/24 22:11	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/11/24 22:11	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/11/24 22:11	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/11/24 22:11	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/11/24 22:11	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/11/24 22:11	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/11/24 22:11	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/11/24 22:11	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/11/24 22:11	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/11/24 22:11	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/11/24 22:11	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/11/24 22:11	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/11/24 22:11	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/11/24 22:11	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/11/24 22:11	1
Dichlorodifluoromethane	<0.785	U F1	1.00	0.785	ug/L			11/11/24 22:11	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/11/24 22:11	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/11/24 22:11	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/11/24 22:11	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/11/24 22:11	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/11/24 22:11	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/11/24 22:11	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/11/24 22:11	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/11/24 22:11	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/11/24 22:11	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/11/24 22:11	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/11/24 22:11	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/11/24 22:11	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/11/24 22:11	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/11/24 22:11	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/11/24 22:11	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/11/24 22:11	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/11/24 22:11	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/11/24 22:11	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/11/24 22:11	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/11/24 22:11	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/11/24 22:11	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/11/24 22:11	1

Client Sample ID: MW-34-SR
Lab Sample ID: 860-86555-2
Date Collected: 11/06/24 09:41
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/11/24 22:11	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/11/24 22:11	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/11/24 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*		*11/11/24 22:11*	*1*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*11/11/24 22:11*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*11/11/24 22:11*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/11/24 22:11*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0761	U	0.567	0.0761	ug/L		11/13/24 05:08	12/07/24 10:40	1
1,2-Dichlorobenzene	<0.0934	U	0.567	0.0934	ug/L		11/13/24 05:08	12/07/24 10:40	1
1,3-Dichlorobenzene	<0.101	U	0.567	0.101	ug/L		11/13/24 05:08	12/07/24 10:40	1
1,4-Dichlorobenzene	<0.0774	U	0.567	0.0774	ug/L		11/13/24 05:08	12/07/24 10:40	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.84	1.42	ug/L		11/13/24 05:08	12/07/24 10:40	1
2,4,5-Trichlorophenol	<0.142	U *+	0.567	0.142	ug/L		11/13/24 05:08	12/07/24 10:40	1
2,4,6-Trichlorophenol	<0.229	U	0.567	0.229	ug/L		11/13/24 05:08	12/07/24 10:40	1
2,4-Dichlorophenol	<0.139	U	0.567	0.139	ug/L		11/13/24 05:08	12/07/24 10:40	1
2,4-Dimethylphenol	<0.191	U *+	0.567	0.191	ug/L		11/13/24 05:08	12/07/24 10:40	1
1,4-Dioxane	<0.0884	U	0.567	0.0884	ug/L		11/13/24 05:08	12/07/24 10:40	1
2,4-Dinitrophenol	<0.103	U	2.84	0.103	ug/L		11/13/24 05:08	12/07/24 10:40	1
2,4-Dinitrotoluene	<0.203	U *+	0.567	0.203	ug/L		11/13/24 05:08	12/07/24 10:40	1
2,6-Dinitrotoluene	<0.115	U	0.567	0.115	ug/L		11/13/24 05:08	12/07/24 10:40	1
2-Chloronaphthalene	<0.376	U	0.567	0.376	ug/L		11/13/24 05:08	12/07/24 10:40	1
2-Methylnaphthalene	<0.0598	U	0.567	0.0598	ug/L		11/13/24 05:08	12/07/24 10:40	1
2-Methylphenol	<0.104	U	0.567	0.104	ug/L		11/13/24 05:08	12/07/24 10:40	1
2-Nitroaniline	<0.148	U *+	0.567	0.148	ug/L		11/13/24 05:08	12/07/24 10:40	1
2-Nitrophenol	<0.135	U	0.567	0.135	ug/L		11/13/24 05:08	12/07/24 10:40	1
3 & 4 Methylphenol	<0.138	U	0.567	0.138	ug/L		11/13/24 05:08	12/07/24 10:40	1
3-Nitroaniline	<0.0846	U	0.567	0.0846	ug/L		11/13/24 05:08	12/07/24 10:40	1
4,6-Dinitro-2-methylphenol	<0.200	U	1.13	0.200	ug/L		11/13/24 05:08	12/07/24 10:40	1
4-Bromophenyl phenyl ether	<0.0996	U *+	0.567	0.0996	ug/L		11/13/24 05:08	12/07/24 10:40	1
4-Chloro-3-methylphenol	<0.103	U *+	0.567	0.103	ug/L		11/13/24 05:08	12/07/24 10:40	1
4-Chloroaniline	<0.0383	U	0.567	0.0383	ug/L		11/13/24 05:08	12/07/24 10:40	1
4-Chlorophenyl phenyl ether	<0.129	U	0.567	0.129	ug/L		11/13/24 05:08	12/07/24 10:40	1
4-Nitroaniline	<0.108	U	0.567	0.108	ug/L		11/13/24 05:08	12/07/24 10:40	1
Acenaphthene	<0.107	U	0.567	0.107	ug/L		11/13/24 05:08	12/07/24 10:40	1
Acenaphthylene	<0.0989	U *+	0.567	0.0989	ug/L		11/13/24 05:08	12/07/24 10:40	1
Aniline	<0.0575	U	0.567	0.0575	ug/L		11/13/24 05:08	12/07/24 10:40	1
Anthracene	<0.0931	U	0.567	0.0931	ug/L		11/13/24 05:08	12/07/24 10:40	1
Benzo[a]anthracene	<0.0284	U *+	0.0284	0.0284	ug/L		11/13/24 05:08	12/07/24 10:40	1
Benzo[a]pyrene	<0.0298	U	0.0567	0.0298	ug/L		11/13/24 05:08	12/07/24 10:40	1
Benzo[b]fluoranthene	<0.0659	U	0.567	0.0659	ug/L		11/13/24 05:08	12/07/24 10:40	1
Benzo[g,h,i]perylene	<0.0343	U	0.567	0.0343	ug/L		11/13/24 05:08	12/07/24 10:40	1
Benzo[k]fluoranthene	<0.0469	U	0.567	0.0469	ug/L		11/13/24 05:08	12/07/24 10:40	1
Benzyl alcohol	<0.596	U	1.13	0.596	ug/L		11/13/24 05:08	12/07/24 10:40	1
Bis(2-chloroethoxy)methane	<0.0967	U	0.567	0.0967	ug/L		11/13/24 05:08	12/07/24 10:40	1
Bis(2-chloroethyl)ether	<0.213	U	0.567	0.213	ug/L		11/13/24 05:08	12/07/24 10:40	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

Client Sample ID: MW-34-SR
Date Collected: 11/06/24 09:41
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<0.894	U *+	1.13	0.894	ug/L		11/13/24 05:08	12/07/24 10:40	1
Butyl benzyl phthalate	<0.496	U *+	1.13	0.496	ug/L		11/13/24 05:08	12/07/24 10:40	1
Chrysene	<0.0810	U	0.567	0.0810	ug/L		11/13/24 05:08	12/07/24 10:40	1
Dibenz(a,h)anthracene	<0.0505	U	0.113	0.0505	ug/L		11/13/24 05:08	12/07/24 10:40	1
Dibenzofuran	<0.106	U	0.567	0.106	ug/L		11/13/24 05:08	12/07/24 10:40	1
Diethyl phthalate	<0.154	U *+	1.13	0.154	ug/L		11/13/24 05:08	12/07/24 10:40	1
Dimethyl phthalate	<0.107	U *+	1.13	0.107	ug/L		11/13/24 05:08	12/07/24 10:40	1
Di-n-butyl phthalate	<0.760	U *+	1.13	0.760	ug/L		11/13/24 05:08	12/07/24 10:40	1
Di-n-octyl phthalate	<0.267	U	1.13	0.267	ug/L		11/13/24 05:08	12/07/24 10:40	1
Fluoranthene	<0.0877	U	0.567	0.0877	ug/L		11/13/24 05:08	12/07/24 10:40	1
Fluorene	<0.0941	U	0.567	0.0941	ug/L		11/13/24 05:08	12/07/24 10:40	1
Hexachlorobenzene	<0.0968	U	0.567	0.0968	ug/L		11/13/24 05:08	12/07/24 10:40	1
Hexachlorobutadiene	<0.102	U	0.567	0.102	ug/L		11/13/24 05:08	12/07/24 10:40	1
Hexachlorocyclopentadiene	<0.0508	U	0.567	0.0508	ug/L		11/13/24 05:08	12/07/24 10:40	1
Hexachloroethane	<0.101	U	0.567	0.101	ug/L		11/13/24 05:08	12/07/24 10:40	1
Indeno[1,2,3-cd]pyrene	<0.0993	U	0.567	0.0993	ug/L		11/13/24 05:08	12/07/24 10:40	1
Isophorone	<0.106	U	0.567	0.106	ug/L		11/13/24 05:08	12/07/24 10:40	1
Naphthalene	<0.0938	U	0.567	0.0938	ug/L		11/13/24 05:08	12/07/24 10:40	1
Nitrobenzene	<0.0731	U	0.567	0.0731	ug/L		11/13/24 05:08	12/07/24 10:40	1
N-Nitrosodi-n-propylamine	<0.118	U	0.567	0.118	ug/L		11/13/24 05:08	12/07/24 10:40	1
N-Nitrosodiphenylamine	<0.144	U	0.567	0.144	ug/L		11/13/24 05:08	12/07/24 10:40	1
Pentachlorophenol	<1.03	U	1.13	1.03	ug/L		11/13/24 05:08	12/07/24 10:40	1
Phenanthrene	<0.133	U *+	0.567	0.133	ug/L		11/13/24 05:08	12/07/24 10:40	1
Phenol	<0.445	U	2.84	0.445	ug/L		11/13/24 05:08	12/07/24 10:40	1
Pyrene	<0.0843	U	0.567	0.0843	ug/L		11/13/24 05:08	12/07/24 10:40	1
Pyridine	<1.43	U *1	2.84	1.43	ug/L		11/13/24 05:08	12/07/24 10:40	1
N-Nitro-o-toluidine	<0.516	U *+	1.13	0.516	ug/L		11/13/24 05:08	12/07/24 10:40	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.567	0.209	ug/L		11/13/24 05:08	12/07/24 10:40	1
Acetophenone	<0.619	U *+	1.13	0.619	ug/L		11/13/24 05:08	12/07/24 10:40	1
N-Nitrosopiperidine	<0.464	U *+	1.13	0.464	ug/L		11/13/24 05:08	12/07/24 10:40	1
Pentachlorobenzene	<0.264	U	0.567	0.264	ug/L		11/13/24 05:08	12/07/24 10:40	1
Diphenyl ether	<0.0903	U	0.567	0.0903	ug/L		11/13/24 05:08	12/07/24 10:40	1
1,1'-Biphenyl	<0.0974	U	0.567	0.0974	ug/L		11/13/24 05:08	12/07/24 10:40	1
4-Aminobiphenyl	<0.391	U *+	0.567	0.391	ug/L		11/13/24 05:08	12/07/24 10:40	1
1,2,4,5-Tetrachlorobenzene	<0.0951	U	0.567	0.0951	ug/L		11/13/24 05:08	12/07/24 10:40	1
1,3,5-Trinitrobenzene	<0.118	U *+	0.567	0.118	ug/L		11/13/24 05:08	12/07/24 10:40	1
1,3-Dinitrobenzene	<0.0767	U *+	0.567	0.0767	ug/L		11/13/24 05:08	12/07/24 10:40	1
1,4-Naphthoquinone	<0.312	U *+	0.567	0.312	ug/L		11/13/24 05:08	12/07/24 10:40	1
1-Naphthylamine	<0.148	U	0.567	0.148	ug/L		11/13/24 05:08	12/07/24 10:40	1
2,6-Dichlorophenol	<0.117	U	0.567	0.117	ug/L		11/13/24 05:08	12/07/24 10:40	1
2-Acetylaminofluorene	<1.26	U *+	2.84	1.26	ug/L		11/13/24 05:08	12/07/24 10:40	1
2-Chlorophenol	<0.0751	U	0.567	0.0751	ug/L		11/13/24 05:08	12/07/24 10:40	1
2-Naphthylamine	<0.286	U *+	0.567	0.286	ug/L		11/13/24 05:08	12/07/24 10:40	1
2-Picoline	<0.122	U	0.567	0.122	ug/L		11/13/24 05:08	12/07/24 10:40	1
2-Toluidine	<0.304	U *+	0.567	0.304	ug/L		11/13/24 05:08	12/07/24 10:40	1
3,3'-Dichlorobenzidine	<0.182	U	0.567	0.182	ug/L		11/13/24 05:08	12/07/24 10:40	1
3,3'-Dimethylbenzidine	<0.141	U *+	0.567	0.141	ug/L		11/13/24 05:08	12/07/24 10:40	1
3-Methylcholanthrene	<0.104	U *+	0.567	0.104	ug/L		11/13/24 05:08	12/07/24 10:40	1
4-Nitroquinoline-1-oxide	<0.725	U	1.13	0.725	ug/L		11/13/24 05:08	12/07/24 10:40	1

Client Sample ID: MW-34-SR
Date Collected: 11/06/24 09:41
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
7,12-Dimethylbenz(a)anthracene	<0.239	U *+	0.567	0.239	ug/L		11/13/24 05:08	12/07/24 10:40	1
alpha,alpha-Dimethyl phenethylamine	<3.64	U *- *1	5.67	3.64	ug/L		11/13/24 05:08	12/07/24 10:40	1
Aramite Peak 1	<0.0780	U *+	0.567	0.0780	ug/L		11/13/24 05:08	12/07/24 10:40	1
Aramite Peak 2	<0.0947	U *+	0.567	0.0947	ug/L		11/13/24 05:08	12/07/24 10:40	1
Aramite, Total	<0.0947	U	0.567	0.0947	ug/L		11/13/24 05:08	12/07/24 10:40	1
Diallate	<0.0829	U	0.567	0.0829	ug/L		11/13/24 05:08	12/07/24 10:40	1
Diallate Peak 1	<0.0829	U *+	0.567	0.0829	ug/L		11/13/24 05:08	12/07/24 10:40	1
Diallate Peak 2	<0.0383	U *+	0.567	0.0383	ug/L		11/13/24 05:08	12/07/24 10:40	1
Dimethoate	<0.121	U *+	0.567	0.121	ug/L		11/13/24 05:08	12/07/24 10:40	1
Dinoseb	<0.566	U *+	2.84	0.566	ug/L		11/13/24 05:08	12/07/24 10:40	1
Disulfoton	<0.201	U *+	0.567	0.201	ug/L		11/13/24 05:08	12/07/24 10:40	1
Ethyl methanesulfonate	<0.225	U	0.567	0.225	ug/L		11/13/24 05:08	12/07/24 10:40	1
Ethyl Parathion	<0.0498	U *+	0.227	0.0498	ug/L		11/13/24 05:08	12/07/24 10:40	1
Famphur	<0.150	U *+	1.13	0.150	ug/L		11/13/24 05:08	12/07/24 10:40	1
Hexachloropropene	<0.298	U *-	0.567	0.298	ug/L		11/13/24 05:08	12/07/24 10:40	1
Isosafrole	<0.239	U	0.567	0.239	ug/L		11/13/24 05:08	12/07/24 10:40	1
Isosafrole Peak 1	<0.0460	U	0.567	0.0460	ug/L		11/13/24 05:08	12/07/24 10:40	1
Isosafrole Peak 2	<0.239	U	0.567	0.239	ug/L		11/13/24 05:08	12/07/24 10:40	1
Methapyrilene	<0.993	U *+	2.27	0.993	ug/L		11/13/24 05:08	12/07/24 10:40	1
Methyl methanesulfonate	<0.119	U	0.567	0.119	ug/L		11/13/24 05:08	12/07/24 10:40	1
Methyl parathion	<0.317	U *+	0.567	0.317	ug/L		11/13/24 05:08	12/07/24 10:40	1
N-Nitrosodiethylamine	<0.535	U *+	1.13	0.535	ug/L		11/13/24 05:08	12/07/24 10:40	1
N-Nitrosodimethylamine	<0.0993	U	0.567	0.0993	ug/L		11/13/24 05:08	12/07/24 10:40	1
N-Nitrosodi-n-butylamine	<0.512	U *+	1.13	0.512	ug/L		11/13/24 05:08	12/07/24 10:40	1
N-Nitrosomethylethylamine	<0.292	U	0.567	0.292	ug/L		11/13/24 05:08	12/07/24 10:40	1
N-Nitrosomorpholine	<0.219	U	0.567	0.219	ug/L		11/13/24 05:08	12/07/24 10:40	1
N-Nitrosopyrrolidine	<0.266	U	0.567	0.266	ug/L		11/13/24 05:08	12/07/24 10:40	1
o,o',o''-Triethylphosphorothioate	<0.137	U *+	0.567	0.137	ug/L		11/13/24 05:08	12/07/24 10:40	1
p-Dimethylamino azobenzene	<0.0236	U *+	0.567	0.0236	ug/L		11/13/24 05:08	12/07/24 10:40	1
Pentachloronitrobenzene	<0.0993	U *+	0.567	0.0993	ug/L		11/13/24 05:08	12/07/24 10:40	1
Phenacetin	<0.0993	U *+	0.567	0.0993	ug/L		11/13/24 05:08	12/07/24 10:40	1
Phorate	<0.220	U *+	0.567	0.220	ug/L		11/13/24 05:08	12/07/24 10:40	1
p-Phenylene diamine	<0.496	U	1.13	0.496	ug/L		11/13/24 05:08	12/07/24 10:40	1
Pronamide	<0.0993	U *+	0.567	0.0993	ug/L		11/13/24 05:08	12/07/24 10:40	1
Safrole, Total	<0.0567	U	0.567	0.0567	ug/L		11/13/24 05:08	12/07/24 10:40	1
Sulfotepp	<0.146	U *+	0.567	0.146	ug/L		11/13/24 05:08	12/07/24 10:40	1
Thionazin	<0.207	U *+	1.13	0.207	ug/L		11/13/24 05:08	12/07/24 10:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*125*		*35 - 130*	*11/13/24 05:08*	*12/07/24 10:40*	*1*
2-Fluorobiphenyl	*112*		*43 - 130*	*11/13/24 05:08*	*12/07/24 10:40*	*1*
2-Fluorophenol (Surr)	*97*		*19 - 120*	*11/13/24 05:08*	*12/07/24 10:40*	*1*
Nitrobenzene-d5 (Surr)	*135*	*S1+*	*37 - 133*	*11/13/24 05:08*	*12/07/24 10:40*	*1*
Phenol-d5 (Surr)	*62*		*8 - 124*	*11/13/24 05:08*	*12/07/24 10:40*	*1*
p-Terphenyl-d14	*145*	*S1+*	*47 - 130*	*11/13/24 05:08*	*12/07/24 10:40*	*1*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

Client Sample ID: MW-25

Date Collected: 11/06/24 10:15
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/11/24 22:32	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/11/24 22:32	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/11/24 22:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/11/24 22:32	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/11/24 22:32	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/11/24 22:32	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/11/24 22:32	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/11/24 22:32	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/11/24 22:32	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/11/24 22:32	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/11/24 22:32	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/11/24 22:32	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/11/24 22:32	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/11/24 22:32	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/11/24 22:32	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/11/24 22:32	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/11/24 22:32	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/11/24 22:32	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/11/24 22:32	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/11/24 22:32	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/11/24 22:32	1
Acetone	<3.07	U	100	3.07	ug/L			11/11/24 22:32	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/11/24 22:32	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/11/24 22:32	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/11/24 22:32	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/11/24 22:32	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/11/24 22:32	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/11/24 22:32	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/11/24 22:32	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/11/24 22:32	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/11/24 22:32	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/11/24 22:32	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/11/24 22:32	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/11/24 22:32	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/11/24 22:32	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/11/24 22:32	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/11/24 22:32	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/11/24 22:32	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/11/24 22:32	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/11/24 22:32	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/11/24 22:32	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/11/24 22:32	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/11/24 22:32	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/11/24 22:32	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/11/24 22:32	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/11/24 22:32	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/11/24 22:32	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/11/24 22:32	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/11/24 22:32	1

Client Sample ID: MW-25

Date Collected: 11/06/24 10:15
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/11/24 22:32	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/11/24 22:32	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/11/24 22:32	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/11/24 22:32	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/11/24 22:32	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/11/24 22:32	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/11/24 22:32	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/11/24 22:32	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/11/24 22:32	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/11/24 22:32	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/11/24 22:32	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/11/24 22:32	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/11/24 22:32	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/11/24 22:32	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/11/24 22:32	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/11/24 22:32	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/11/24 22:32	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/11/24 22:32	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/11/24 22:32	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/11/24 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*		*11/11/24 22:32*	*1*
4-Bromofluorobenzene (Surr)	*94*		*74 - 124*		*11/11/24 22:32*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/11/24 22:32*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/11/24 22:32*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0764	U	0.570	0.0764	ug/L		11/13/24 05:08	12/07/24 11:10	1
1,2-Dichlorobenzene	<0.0938	U	0.570	0.0938	ug/L		11/13/24 05:08	12/07/24 11:10	1
1,3-Dichlorobenzene	<0.101	U	0.570	0.101	ug/L		11/13/24 05:08	12/07/24 11:10	1
1,4-Dichlorobenzene	<0.0777	U	0.570	0.0777	ug/L		11/13/24 05:08	12/07/24 11:10	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.85	1.42	ug/L		11/13/24 05:08	12/07/24 11:10	1
2,4,5-Trichlorophenol	<0.143	U *+	0.570	0.143	ug/L		11/13/24 05:08	12/07/24 11:10	1
2,4,6-Trichlorophenol	<0.230	U	0.570	0.230	ug/L		11/13/24 05:08	12/07/24 11:10	1
2,4-Dichlorophenol	<0.140	U	0.570	0.140	ug/L		11/13/24 05:08	12/07/24 11:10	1
2,4-Dimethylphenol	<0.192	U *+	0.570	0.192	ug/L		11/13/24 05:08	12/07/24 11:10	1
1,4-Dioxane	**3.57**		0.570	0.0887	ug/L		11/13/24 05:08	12/07/24 11:10	1
2,4-Dinitrophenol	<0.104	U	2.85	0.104	ug/L		11/13/24 05:08	12/07/24 11:10	1
2,4-Dinitrotoluene	<0.204	U *+	0.570	0.204	ug/L		11/13/24 05:08	12/07/24 11:10	1
2,6-Dinitrotoluene	<0.116	U	0.570	0.116	ug/L		11/13/24 05:08	12/07/24 11:10	1
2-Chloronaphthalene	<0.377	U	0.570	0.377	ug/L		11/13/24 05:08	12/07/24 11:10	1
2-Methylnaphthalene	<0.0601	U	0.570	0.0601	ug/L		11/13/24 05:08	12/07/24 11:10	1
2-Methylphenol	<0.104	U	0.570	0.104	ug/L		11/13/24 05:08	12/07/24 11:10	1
2-Nitroaniline	<0.149	U *+	0.570	0.149	ug/L		11/13/24 05:08	12/07/24 11:10	1
2-Nitrophenol	<0.136	U	0.570	0.136	ug/L		11/13/24 05:08	12/07/24 11:10	1
3 & 4 Methylphenol	<0.138	U	0.570	0.138	ug/L		11/13/24 05:08	12/07/24 11:10	1
3-Nitroaniline	<0.0850	U	0.570	0.0850	ug/L		11/13/24 05:08	12/07/24 11:10	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/13/24 05:08	12/07/24 11:10	1

Client Sample ID: MW-25
Date Collected: 11/06/24 10:15
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	<0.100	U *+	0.570	0.100	ug/L		11/13/24 05:08	12/07/24 11:10	1
4-Chloro-3-methylphenol	<0.103	U *+	0.570	0.103	ug/L		11/13/24 05:08	12/07/24 11:10	1
4-Chloroaniline	<0.0384	U	0.570	0.0384	ug/L		11/13/24 05:08	12/07/24 11:10	1
4-Chlorophenyl phenyl ether	<0.130	U	0.570	0.130	ug/L		11/13/24 05:08	12/07/24 11:10	1
4-Nitroaniline	<0.108	U	0.570	0.108	ug/L		11/13/24 05:08	12/07/24 11:10	1
Acenaphthene	<0.107	U	0.570	0.107	ug/L		11/13/24 05:08	12/07/24 11:10	1
Acenaphthylene	<0.0994	U *+	0.570	0.0994	ug/L		11/13/24 05:08	12/07/24 11:10	1
Aniline	<0.0578	U	0.570	0.0578	ug/L		11/13/24 05:08	12/07/24 11:10	1
Anthracene	<0.0935	U	0.570	0.0935	ug/L		11/13/24 05:08	12/07/24 11:10	1
Benzo[a]anthracene	<0.0285	U *+	0.0285	0.0285	ug/L		11/13/24 05:08	12/07/24 11:10	1
Benzo[a]pyrene	<0.0299	U	0.0570	0.0299	ug/L		11/13/24 05:08	12/07/24 11:10	1
Benzo[b]fluoranthene	<0.0662	U	0.570	0.0662	ug/L		11/13/24 05:08	12/07/24 11:10	1
Benzo[g,h,i]perylene	<0.0344	U	0.570	0.0344	ug/L		11/13/24 05:08	12/07/24 11:10	1
Benzo[k]fluoranthene	<0.0471	U	0.570	0.0471	ug/L		11/13/24 05:08	12/07/24 11:10	1
Benzyl alcohol	**0.603**	**J**	1.14	0.598	ug/L		11/13/24 05:08	12/07/24 11:10	1
Bis(2-chloroethoxy)methane	<0.0972	U	0.570	0.0972	ug/L		11/13/24 05:08	12/07/24 11:10	1
Bis(2-chloroethyl)ether	<0.214	U	0.570	0.214	ug/L		11/13/24 05:08	12/07/24 11:10	1
Bis(2-ethylhexyl) phthalate	<0.897	U *+	1.14	0.897	ug/L		11/13/24 05:08	12/07/24 11:10	1
Butyl benzyl phthalate	<0.499	U *+	1.14	0.499	ug/L		11/13/24 05:08	12/07/24 11:10	1
Chrysene	<0.0813	U	0.570	0.0813	ug/L		11/13/24 05:08	12/07/24 11:10	1
Dibenz(a,h)anthracene	<0.0507	U	0.114	0.0507	ug/L		11/13/24 05:08	12/07/24 11:10	1
Dibenzofuran	<0.106	U	0.570	0.106	ug/L		11/13/24 05:08	12/07/24 11:10	1
Diethyl phthalate	<0.154	U *+	1.14	0.154	ug/L		11/13/24 05:08	12/07/24 11:10	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/13/24 05:08	12/07/24 11:10	1
Di-n-butyl phthalate	<0.763	U *+	1.14	0.763	ug/L		11/13/24 05:08	12/07/24 11:10	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/13/24 05:08	12/07/24 11:10	1
Fluoranthene	<0.0881	U	0.570	0.0881	ug/L		11/13/24 05:08	12/07/24 11:10	1
Fluorene	<0.0945	U	0.570	0.0945	ug/L		11/13/24 05:08	12/07/24 11:10	1
Hexachlorobenzene	<0.0972	U	0.570	0.0972	ug/L		11/13/24 05:08	12/07/24 11:10	1
Hexachlorobutadiene	<0.102	U	0.570	0.102	ug/L		11/13/24 05:08	12/07/24 11:10	1
Hexachlorocyclopentadiene	<0.0511	U	0.570	0.0511	ug/L		11/13/24 05:08	12/07/24 11:10	1
Hexachloroethane	<0.102	U	0.570	0.102	ug/L		11/13/24 05:08	12/07/24 11:10	1
Indeno[1,2,3-cd]pyrene	<0.0997	U	0.570	0.0997	ug/L		11/13/24 05:08	12/07/24 11:10	1
Isophorone	<0.106	U	0.570	0.106	ug/L		11/13/24 05:08	12/07/24 11:10	1
Naphthalene	<0.0942	U	0.570	0.0942	ug/L		11/13/24 05:08	12/07/24 11:10	1
Nitrobenzene	<0.0734	U	0.570	0.0734	ug/L		11/13/24 05:08	12/07/24 11:10	1
N-Nitrosodi-n-propylamine	<0.118	U	0.570	0.118	ug/L		11/13/24 05:08	12/07/24 11:10	1
N-Nitrosodiphenylamine	<0.144	U	0.570	0.144	ug/L		11/13/24 05:08	12/07/24 11:10	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/13/24 05:08	12/07/24 11:10	1
Phenanthrene	<0.134	U *+	0.570	0.134	ug/L		11/13/24 05:08	12/07/24 11:10	1
Phenol	<0.447	U	2.85	0.447	ug/L		11/13/24 05:08	12/07/24 11:10	1
Pyrene	<0.0846	U	0.570	0.0846	ug/L		11/13/24 05:08	12/07/24 11:10	1
Pyridine	<1.43	U *1	2.85	1.43	ug/L		11/13/24 05:08	12/07/24 11:10	1
N-Nitro-o-toluidine	<0.519	U *+	1.14	0.519	ug/L		11/13/24 05:08	12/07/24 11:10	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.570	0.210	ug/L		11/13/24 05:08	12/07/24 11:10	1
Acetophenone	<0.622	U *+	1.14	0.622	ug/L		11/13/24 05:08	12/07/24 11:10	1
N-Nitrosopiperidine	<0.466	U *+	1.14	0.466	ug/L		11/13/24 05:08	12/07/24 11:10	1
Pentachlorobenzene	<0.265	U	0.570	0.265	ug/L		11/13/24 05:08	12/07/24 11:10	1
Diphenyl ether	**1.92**		0.570	0.0907	ug/L		11/13/24 05:08	12/07/24 11:10	1

Client Sample ID: MW-25
Date Collected: 11/06/24 10:15
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.0979	U	0.570	0.0979	ug/L		11/13/24 05:08	12/07/24 11:10	1
4-Aminobiphenyl	<0.393	U *+	0.570	0.393	ug/L		11/13/24 05:08	12/07/24 11:10	1
1,2,4,5-Tetrachlorobenzene	<0.0955	U	0.570	0.0955	ug/L		11/13/24 05:08	12/07/24 11:10	1
1,3,5-Trinitrobenzene	<0.118	U *+	0.570	0.118	ug/L		11/13/24 05:08	12/07/24 11:10	1
1,3-Dinitrobenzene	<0.0771	U *+	0.570	0.0771	ug/L		11/13/24 05:08	12/07/24 11:10	1
1,4-Naphthoquinone	<0.313	U *+	0.570	0.313	ug/L		11/13/24 05:08	12/07/24 11:10	1
1-Naphthylamine	<0.148	U	0.570	0.148	ug/L		11/13/24 05:08	12/07/24 11:10	1
2,6-Dichlorophenol	<0.118	U	0.570	0.118	ug/L		11/13/24 05:08	12/07/24 11:10	1
2-Acetylaminofluorene	<1.26	U *+	2.85	1.26	ug/L		11/13/24 05:08	12/07/24 11:10	1
2-Chlorophenol	<0.0754	U	0.570	0.0754	ug/L		11/13/24 05:08	12/07/24 11:10	1
2-Naphthylamine	<0.287	U *+	0.570	0.287	ug/L		11/13/24 05:08	12/07/24 11:10	1
2-Picoline	<0.122	U	0.570	0.122	ug/L		11/13/24 05:08	12/07/24 11:10	1
2-Toluidine	<0.305	U *+	0.570	0.305	ug/L		11/13/24 05:08	12/07/24 11:10	1
3,3'-Dichlorobenzidine	<0.183	U	0.570	0.183	ug/L		11/13/24 05:08	12/07/24 11:10	1
3,3'-Dimethylbenzidine	<0.141	U *+	0.570	0.141	ug/L		11/13/24 05:08	12/07/24 11:10	1
3-Methylcholanthrene	<0.104	U *+	0.570	0.104	ug/L		11/13/24 05:08	12/07/24 11:10	1
4-Nitroquinoline-1-oxide	<0.728	U	1.14	0.728	ug/L		11/13/24 05:08	12/07/24 11:10	1
7,12-Dimethylbenz(a)anthracene	<0.240	U *+	0.570	0.240	ug/L		11/13/24 05:08	12/07/24 11:10	1
alpha,alpha-Dimethyl phenethylamine	<3.66	U *- *1	5.70	3.66	ug/L		11/13/24 05:08	12/07/24 11:10	1
Aramite Peak 1	<0.0783	U *+	0.570	0.0783	ug/L		11/13/24 05:08	12/07/24 11:10	1
Aramite Peak 2	<0.0951	U *+	0.570	0.0951	ug/L		11/13/24 05:08	12/07/24 11:10	1
Aramite, Total	<0.0951	U	0.570	0.0951	ug/L		11/13/24 05:08	12/07/24 11:10	1
Diallate	<0.0832	U	0.570	0.0832	ug/L		11/13/24 05:08	12/07/24 11:10	1
Diallate Peak 1	<0.0832	U *+	0.570	0.0832	ug/L		11/13/24 05:08	12/07/24 11:10	1
Diallate Peak 2	<0.0384	U *+	0.570	0.0384	ug/L		11/13/24 05:08	12/07/24 11:10	1
Dimethoate	<0.121	U *+	0.570	0.121	ug/L		11/13/24 05:08	12/07/24 11:10	1
Dinoseb	<0.568	U *+	2.85	0.568	ug/L		11/13/24 05:08	12/07/24 11:10	1
Disulfoton	<0.202	U *+	0.570	0.202	ug/L		11/13/24 05:08	12/07/24 11:10	1
Ethyl methanesulfonate	<0.226	U	0.570	0.226	ug/L		11/13/24 05:08	12/07/24 11:10	1
Ethyl Parathion	<0.0501	U *+	0.228	0.0501	ug/L		11/13/24 05:08	12/07/24 11:10	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/13/24 05:08	12/07/24 11:10	1
Hexachloropropene	<0.299	U *-	0.570	0.299	ug/L		11/13/24 05:08	12/07/24 11:10	1
Isosafrole	<0.240	U	0.570	0.240	ug/L		11/13/24 05:08	12/07/24 11:10	1
Isosafrole Peak 1	<0.0462	U	0.570	0.0462	ug/L		11/13/24 05:08	12/07/24 11:10	1
Isosafrole Peak 2	<0.240	U	0.570	0.240	ug/L		11/13/24 05:08	12/07/24 11:10	1
Methapyrilene	<0.997	U *+	2.28	0.997	ug/L		11/13/24 05:08	12/07/24 11:10	1
Methyl methanesulfonate	<0.120	U	0.570	0.120	ug/L		11/13/24 05:08	12/07/24 11:10	1
Methyl parathion	<0.318	U *+	0.570	0.318	ug/L		11/13/24 05:08	12/07/24 11:10	1
N-Nitrosodiethylamine	<0.537	U *+	1.14	0.537	ug/L		11/13/24 05:08	12/07/24 11:10	1
N-Nitrosodimethylamine	<0.0997	U	0.570	0.0997	ug/L		11/13/24 05:08	12/07/24 11:10	1
N-Nitrosodi-n-butylamine	<0.514	U *+	1.14	0.514	ug/L		11/13/24 05:08	12/07/24 11:10	1
N-Nitrosomethylethylamine	<0.293	U	0.570	0.293	ug/L		11/13/24 05:08	12/07/24 11:10	1
N-Nitrosomorpholine	<0.220	U	0.570	0.220	ug/L		11/13/24 05:08	12/07/24 11:10	1
N-Nitrosopyrrolidine	<0.267	U	0.570	0.267	ug/L		11/13/24 05:08	12/07/24 11:10	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.570	0.138	ug/L		11/13/24 05:08	12/07/24 11:10	1
p-Dimethylamino azobenzene	<0.0237	U *+	0.570	0.0237	ug/L		11/13/24 05:08	12/07/24 11:10	1
Pentachloronitrobenzene	<0.0997	U *+	0.570	0.0997	ug/L		11/13/24 05:08	12/07/24 11:10	1
Phenacetin	<0.0997	U *+	0.570	0.0997	ug/L		11/13/24 05:08	12/07/24 11:10	1
Phorate	<0.221	U *+	0.570	0.221	ug/L		11/13/24 05:08	12/07/24 11:10	1

Client Sample ID: MW-25

Date Collected: 11/06/24 10:15
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Phenylene diamine	<0.499	U	1.14	0.499	ug/L		11/13/24 05:08	12/07/24 11:10	1
Pronamide	<0.0997	U *+	0.570	0.0997	ug/L		11/13/24 05:08	12/07/24 11:10	1
Safrole, Total	<0.0569	U	0.570	0.0569	ug/L		11/13/24 05:08	12/07/24 11:10	1
Sulfotepp	**0.361**	**J *+**	0.570	0.146	ug/L		11/13/24 05:08	12/07/24 11:10	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/13/24 05:08	12/07/24 11:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*122*		*35 - 130*	*11/13/24 05:08*	*12/07/24 11:10*	*1*
2-Fluorobiphenyl	*116*		*43 - 130*	*11/13/24 05:08*	*12/07/24 11:10*	*1*
2-Fluorophenol (Surr)	*100*		*19 - 120*	*11/13/24 05:08*	*12/07/24 11:10*	*1*
Nitrobenzene-d5 (Surr)	*138*	*S1+*	*37 - 133*	*11/13/24 05:08*	*12/07/24 11:10*	*1*
Phenol-d5 (Surr)	*65*		*8 - 124*	*11/13/24 05:08*	*12/07/24 11:10*	*1*
p-Terphenyl-d14	*125*		*47 - 130*	*11/13/24 05:08*	*12/07/24 11:10*	*1*

Client Sample ID: MW-34-DR

Date Collected: 11/06/24 10:25
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/11/24 22:52	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/11/24 22:52	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/11/24 22:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/11/24 22:52	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/11/24 22:52	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/11/24 22:52	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/11/24 22:52	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/11/24 22:52	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/11/24 22:52	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/11/24 22:52	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/11/24 22:52	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/11/24 22:52	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/11/24 22:52	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/11/24 22:52	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/11/24 22:52	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/11/24 22:52	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/11/24 22:52	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/11/24 22:52	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/11/24 22:52	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/11/24 22:52	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/11/24 22:52	1
Acetone	<3.07	U	100	3.07	ug/L			11/11/24 22:52	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/11/24 22:52	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/11/24 22:52	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/11/24 22:52	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/11/24 22:52	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/11/24 22:52	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/11/24 22:52	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/11/24 22:52	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/11/24 22:52	1

Client Sample ID: MW-34-DR
Lab Sample ID: 860-86555-4

Date Collected: 11/06/24 10:25
Matrix: Water

Date Received: 11/07/24 09:52

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/11/24 22:52	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/11/24 22:52	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/11/24 22:52	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/11/24 22:52	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/11/24 22:52	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/11/24 22:52	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/11/24 22:52	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/11/24 22:52	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/11/24 22:52	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/11/24 22:52	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/11/24 22:52	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/11/24 22:52	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/11/24 22:52	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/11/24 22:52	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/11/24 22:52	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/11/24 22:52	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/11/24 22:52	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/11/24 22:52	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/11/24 22:52	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/11/24 22:52	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/11/24 22:52	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/11/24 22:52	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/11/24 22:52	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/11/24 22:52	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/11/24 22:52	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/11/24 22:52	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/11/24 22:52	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/11/24 22:52	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/11/24 22:52	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/11/24 22:52	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/11/24 22:52	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/11/24 22:52	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/11/24 22:52	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/11/24 22:52	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/11/24 22:52	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/11/24 22:52	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/11/24 22:52	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/11/24 22:52	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/11/24 22:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*		*11/11/24 22:52*	*1*
4-Bromofluorobenzene (Surr)	*94*		*74 - 124*		*11/11/24 22:52*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/11/24 22:52*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/11/24 22:52*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0756	U	0.563	0.0756	ug/L		11/13/24 05:08	12/07/24 11:40	1
1,2-Dichlorobenzene	<0.0928	U	0.563	0.0928	ug/L		11/13/24 05:08	12/07/24 11:40	1

Client Sample ID: MW-34-DR
Date Collected: 11/06/24 10:25
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<0.100	U	0.563	0.100	ug/L		11/13/24 05:08	12/07/24 11:40	1
1,4-Dichlorobenzene	<0.0768	U	0.563	0.0768	ug/L		11/13/24 05:08	12/07/24 11:40	1
2,2'-oxybis[1-chloropropane]	<1.41	U	2.82	1.41	ug/L		11/13/24 05:08	12/07/24 11:40	1
2,4,5-Trichlorophenol	<0.141	U *+	0.563	0.141	ug/L		11/13/24 05:08	12/07/24 11:40	1
2,4,6-Trichlorophenol	<0.228	U	0.563	0.228	ug/L		11/13/24 05:08	12/07/24 11:40	1
2,4-Dichlorophenol	<0.138	U	0.563	0.138	ug/L		11/13/24 05:08	12/07/24 11:40	1
2,4-Dimethylphenol	<0.189	U *+	0.563	0.189	ug/L		11/13/24 05:08	12/07/24 11:40	1
1,4-Dioxane	<0.0877	U	0.563	0.0877	ug/L		11/13/24 05:08	12/07/24 11:40	1
2,4-Dinitrophenol	<0.103	U	2.82	0.103	ug/L		11/13/24 05:08	12/07/24 11:40	1
2,4-Dinitrotoluene	<0.202	U *+	0.563	0.202	ug/L		11/13/24 05:08	12/07/24 11:40	1
2,6-Dinitrotoluene	<0.115	U	0.563	0.115	ug/L		11/13/24 05:08	12/07/24 11:40	1
2-Chloronaphthalene	<0.373	U	0.563	0.373	ug/L		11/13/24 05:08	12/07/24 11:40	1
2-Methylnaphthalene	<0.0594	U	0.563	0.0594	ug/L		11/13/24 05:08	12/07/24 11:40	1
2-Methylphenol	<0.103	U	0.563	0.103	ug/L		11/13/24 05:08	12/07/24 11:40	1
2-Nitroaniline	<0.147	U *+	0.563	0.147	ug/L		11/13/24 05:08	12/07/24 11:40	1
2-Nitrophenol	<0.134	U	0.563	0.134	ug/L		11/13/24 05:08	12/07/24 11:40	1
3 & 4 Methylphenol	<0.137	U	0.563	0.137	ug/L		11/13/24 05:08	12/07/24 11:40	1
3-Nitroaniline	<0.0840	U	0.563	0.0840	ug/L		11/13/24 05:08	12/07/24 11:40	1
4,6-Dinitro-2-methylphenol	<0.199	U	1.13	0.199	ug/L		11/13/24 05:08	12/07/24 11:40	1
4-Bromophenyl phenyl ether	<0.0989	U *+	0.563	0.0989	ug/L		11/13/24 05:08	12/07/24 11:40	1
4-Chloro-3-methylphenol	<0.102	U *+	0.563	0.102	ug/L		11/13/24 05:08	12/07/24 11:40	1
4-Chloroaniline	<0.0380	U	0.563	0.0380	ug/L		11/13/24 05:08	12/07/24 11:40	1
4-Chlorophenyl phenyl ether	<0.129	U	0.563	0.129	ug/L		11/13/24 05:08	12/07/24 11:40	1
4-Nitroaniline	<0.107	U	0.563	0.107	ug/L		11/13/24 05:08	12/07/24 11:40	1
Acenaphthene	<0.106	U	0.563	0.106	ug/L		11/13/24 05:08	12/07/24 11:40	1
Acenaphthylene	<0.0982	U *+	0.563	0.0982	ug/L		11/13/24 05:08	12/07/24 11:40	1
Aniline	<0.0571	U	0.563	0.0571	ug/L		11/13/24 05:08	12/07/24 11:40	1
Anthracene	<0.0925	U	0.563	0.0925	ug/L		11/13/24 05:08	12/07/24 11:40	1
Benzo[a]anthracene	<0.0282	U *+	0.0282	0.0282	ug/L		11/13/24 05:08	12/07/24 11:40	1
Benzo[a]pyrene	<0.0296	U	0.0563	0.0296	ug/L		11/13/24 05:08	12/07/24 11:40	1
Benzo[b]fluoranthene	<0.0655	U	0.563	0.0655	ug/L		11/13/24 05:08	12/07/24 11:40	1
Benzo[g,h,i]perylene	<0.0340	U	0.563	0.0340	ug/L		11/13/24 05:08	12/07/24 11:40	1
Benzo[k]fluoranthene	<0.0466	U	0.563	0.0466	ug/L		11/13/24 05:08	12/07/24 11:40	1
Benzyl alcohol	<0.592	U	1.13	0.592	ug/L		11/13/24 05:08	12/07/24 11:40	1
Bis(2-chloroethoxy)methane	<0.0961	U	0.563	0.0961	ug/L		11/13/24 05:08	12/07/24 11:40	1
Bis(2-chloroethyl)ether	<0.211	U	0.563	0.211	ug/L		11/13/24 05:08	12/07/24 11:40	1
Bis(2-ethylhexyl) phthalate	<0.887	U *+	1.13	0.887	ug/L		11/13/24 05:08	12/07/24 11:40	1
Butyl benzyl phthalate	<0.493	U *+	1.13	0.493	ug/L		11/13/24 05:08	12/07/24 11:40	1
Chrysene	<0.0804	U	0.563	0.0804	ug/L		11/13/24 05:08	12/07/24 11:40	1
Dibenz(a,h)anthracene	<0.0502	U	0.113	0.0502	ug/L		11/13/24 05:08	12/07/24 11:40	1
Dibenzofuran	**0.204**	**J**	0.563	0.105	ug/L		11/13/24 05:08	12/07/24 11:40	1
Diethyl phthalate	<0.153	U *+	1.13	0.153	ug/L		11/13/24 05:08	12/07/24 11:40	1
Dimethyl phthalate	<0.107	U *+	1.13	0.107	ug/L		11/13/24 05:08	12/07/24 11:40	1
Di-n-butyl phthalate	<0.754	U *+	1.13	0.754	ug/L		11/13/24 05:08	12/07/24 11:40	1
Di-n-octyl phthalate	<0.265	U	1.13	0.265	ug/L		11/13/24 05:08	12/07/24 11:40	1
Fluoranthene	<0.0871	U	0.563	0.0871	ug/L		11/13/24 05:08	12/07/24 11:40	1
Fluorene	<0.0935	U	0.563	0.0935	ug/L		11/13/24 05:08	12/07/24 11:40	1
Hexachlorobenzene	<0.0961	U	0.563	0.0961	ug/L		11/13/24 05:08	12/07/24 11:40	1
Hexachlorobutadiene	<0.101	U	0.563	0.101	ug/L		11/13/24 05:08	12/07/24 11:40	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

Client Sample ID: MW-34-DR
Date Collected: 11/06/24 10:25
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.0505	U	0.563	0.0505	ug/L		11/13/24 05:08	12/07/24 11:40	1
Hexachloroethane	<0.100	U	0.563	0.100	ug/L		11/13/24 05:08	12/07/24 11:40	1
Indeno[1,2,3-cd]pyrene	<0.0986	U	0.563	0.0986	ug/L		11/13/24 05:08	12/07/24 11:40	1
Isophorone	<0.105	U	0.563	0.105	ug/L		11/13/24 05:08	12/07/24 11:40	1
Naphthalene	<0.0931	U	0.563	0.0931	ug/L		11/13/24 05:08	12/07/24 11:40	1
Nitrobenzene	<0.0726	U	0.563	0.0726	ug/L		11/13/24 05:08	12/07/24 11:40	1
N-Nitrosodi-n-propylamine	<0.117	U	0.563	0.117	ug/L		11/13/24 05:08	12/07/24 11:40	1
N-Nitrosodiphenylamine	<0.142	U	0.563	0.142	ug/L		11/13/24 05:08	12/07/24 11:40	1
Pentachlorophenol	<1.02	U	1.13	1.02	ug/L		11/13/24 05:08	12/07/24 11:40	1
Phenanthrene	<0.132	U *+	0.563	0.132	ug/L		11/13/24 05:08	12/07/24 11:40	1
Phenol	**1.26**	**J I**	2.82	0.442	ug/L		11/13/24 05:08	12/07/24 11:40	1
Pyrene	<0.0837	U	0.563	0.0837	ug/L		11/13/24 05:08	12/07/24 11:40	1
Pyridine	<1.42	U *1	2.82	1.42	ug/L		11/13/24 05:08	12/07/24 11:40	1
N-Nitro-o-toluidine	<0.513	U *+	1.13	0.513	ug/L		11/13/24 05:08	12/07/24 11:40	1
2,3,4,6-Tetrachlorophenol	<0.208	U	0.563	0.208	ug/L		11/13/24 05:08	12/07/24 11:40	1
Acetophenone	<0.615	U *+	1.13	0.615	ug/L		11/13/24 05:08	12/07/24 11:40	1
N-Nitrosopiperidine	<0.461	U *+	1.13	0.461	ug/L		11/13/24 05:08	12/07/24 11:40	1
Pentachlorobenzene	<0.262	U	0.563	0.262	ug/L		11/13/24 05:08	12/07/24 11:40	1
4-Aminobiphenyl	<0.388	U *+	0.563	0.388	ug/L		11/13/24 05:08	12/07/24 11:40	1
1,2,4,5-Tetrachlorobenzene	<0.0944	U	0.563	0.0944	ug/L		11/13/24 05:08	12/07/24 11:40	1
1,3,5-Trinitrobenzene	<0.117	U *+	0.563	0.117	ug/L		11/13/24 05:08	12/07/24 11:40	1
1,3-Dinitrobenzene	<0.0762	U *+	0.563	0.0762	ug/L		11/13/24 05:08	12/07/24 11:40	1
1,4-Naphthoquinone	<0.310	U *+	0.563	0.310	ug/L		11/13/24 05:08	12/07/24 11:40	1
1-Naphthylamine	<0.147	U	0.563	0.147	ug/L		11/13/24 05:08	12/07/24 11:40	1
2,6-Dichlorophenol	<0.117	U	0.563	0.117	ug/L		11/13/24 05:08	12/07/24 11:40	1
2-Acetylaminofluorene	<1.25	U *+	2.82	1.25	ug/L		11/13/24 05:08	12/07/24 11:40	1
2-Chlorophenol	<0.0746	U	0.563	0.0746	ug/L		11/13/24 05:08	12/07/24 11:40	1
2-Naphthylamine	<0.284	U *+	0.563	0.284	ug/L		11/13/24 05:08	12/07/24 11:40	1
2-Picoline	<0.121	U	0.563	0.121	ug/L		11/13/24 05:08	12/07/24 11:40	1
2-Toluidine	<0.302	U *+	0.563	0.302	ug/L		11/13/24 05:08	12/07/24 11:40	1
3,3'-Dichlorobenzidine	<0.181	U	0.563	0.181	ug/L		11/13/24 05:08	12/07/24 11:40	1
3,3'-Dimethylbenzidine	<0.140	U *+	0.563	0.140	ug/L		11/13/24 05:08	12/07/24 11:40	1
3-Methylcholanthrene	<0.103	U *+	0.563	0.103	ug/L		11/13/24 05:08	12/07/24 11:40	1
4-Nitroquinoline-1-oxide	<0.720	U	1.13	0.720	ug/L		11/13/24 05:08	12/07/24 11:40	1
7,12-Dimethylbenz(a)anthracene	<0.238	U *+	0.563	0.238	ug/L		11/13/24 05:08	12/07/24 11:40	1
alpha,alpha-Dimethyl phenethylamine	<3.62	U *- *1	5.63	3.62	ug/L		11/13/24 05:08	12/07/24 11:40	1
Aramite Peak 1	<0.0774	U *+	0.563	0.0774	ug/L		11/13/24 05:08	12/07/24 11:40	1
Aramite Peak 2	<0.0940	U *+	0.563	0.0940	ug/L		11/13/24 05:08	12/07/24 11:40	1
Aramite, Total	<0.0940	U	0.563	0.0940	ug/L		11/13/24 05:08	12/07/24 11:40	1
Diallate	<0.0823	U	0.563	0.0823	ug/L		11/13/24 05:08	12/07/24 11:40	1
Diallate Peak 1	<0.0823	U *+	0.563	0.0823	ug/L		11/13/24 05:08	12/07/24 11:40	1
Diallate Peak 2	<0.0380	U *+	0.563	0.0380	ug/L		11/13/24 05:08	12/07/24 11:40	1
Dimethoate	<0.120	U *+	0.563	0.120	ug/L		11/13/24 05:08	12/07/24 11:40	1
Dinoseb	<0.562	U *+	2.82	0.562	ug/L		11/13/24 05:08	12/07/24 11:40	1
Disulfoton	<0.200	U *+	0.563	0.200	ug/L		11/13/24 05:08	12/07/24 11:40	1
Ethyl methanesulfonate	<0.223	U	0.563	0.223	ug/L		11/13/24 05:08	12/07/24 11:40	1
Ethyl Parathion	<0.0495	U *+	0.225	0.0495	ug/L		11/13/24 05:08	12/07/24 11:40	1
Famphur	<0.149	U *+	1.13	0.149	ug/L		11/13/24 05:08	12/07/24 11:40	1
Hexachloropropene	<0.296	U *-	0.563	0.296	ug/L		11/13/24 05:08	12/07/24 11:40	1

Client Sample ID: MW-34-DR
Lab Sample ID: 860-86555-4
Date Collected: 11/06/24 10:25
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isosafrole	<0.237	U	0.563	0.237	ug/L		11/13/24 05:08	12/07/24 11:40	1
Isosafrole Peak 1	<0.0457	U	0.563	0.0457	ug/L		11/13/24 05:08	12/07/24 11:40	1
Isosafrole Peak 2	<0.237	U	0.563	0.237	ug/L		11/13/24 05:08	12/07/24 11:40	1
Methapyrilene	<0.986	U *+	2.25	0.986	ug/L		11/13/24 05:08	12/07/24 11:40	1
Methyl methanesulfonate	<0.118	U	0.563	0.118	ug/L		11/13/24 05:08	12/07/24 11:40	1
Methyl parathion	<0.315	U *+	0.563	0.315	ug/L		11/13/24 05:08	12/07/24 11:40	1
N-Nitrosodiethylamine	<0.531	U *+	1.13	0.531	ug/L		11/13/24 05:08	12/07/24 11:40	1
N-Nitrosodimethylamine	<0.0986	U	0.563	0.0986	ug/L		11/13/24 05:08	12/07/24 11:40	1
N-Nitrosodi-n-butylamine	<0.508	U *+	1.13	0.508	ug/L		11/13/24 05:08	12/07/24 11:40	1
N-Nitrosomethylethylamine	<0.290	U	0.563	0.290	ug/L		11/13/24 05:08	12/07/24 11:40	1
N-Nitrosomorpholine	<0.217	U	0.563	0.217	ug/L		11/13/24 05:08	12/07/24 11:40	1
N-Nitrosopyrrolidine	<0.264	U	0.563	0.264	ug/L		11/13/24 05:08	12/07/24 11:40	1
o,o',o''-Triethylphosphorothioate	<0.136	U *+	0.563	0.136	ug/L		11/13/24 05:08	12/07/24 11:40	1
p-Dimethylamino azobenzene	<0.0234	U *+	0.563	0.0234	ug/L		11/13/24 05:08	12/07/24 11:40	1
Pentachloronitrobenzene	<0.0986	U *+	0.563	0.0986	ug/L		11/13/24 05:08	12/07/24 11:40	1
Phenacetin	<0.0986	U *+	0.563	0.0986	ug/L		11/13/24 05:08	12/07/24 11:40	1
Phorate	<0.218	U *+	0.563	0.218	ug/L		11/13/24 05:08	12/07/24 11:40	1
p-Phenylene diamine	<0.493	U	1.13	0.493	ug/L		11/13/24 05:08	12/07/24 11:40	1
Pronamide	<0.0986	U *+	0.563	0.0986	ug/L		11/13/24 05:08	12/07/24 11:40	1
Safrole, Total	<0.0563	U	0.563	0.0563	ug/L		11/13/24 05:08	12/07/24 11:40	1
Sulfotepp	<0.144	U *+	0.563	0.144	ug/L		11/13/24 05:08	12/07/24 11:40	1
Thionazin	<0.205	U *+	1.13	0.205	ug/L		11/13/24 05:08	12/07/24 11:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*125*		*35 - 130*	*11/13/24 05:08*	*12/07/24 11:40*	*1*
2-Fluorobiphenyl	*112*		*43 - 130*	*11/13/24 05:08*	*12/07/24 11:40*	*1*
2-Fluorophenol (Surr)	*84*		*19 - 120*	*11/13/24 05:08*	*12/07/24 11:40*	*1*
Nitrobenzene-d5 (Surr)	*137*	*S1+*	*37 - 133*	*11/13/24 05:08*	*12/07/24 11:40*	*1*
Phenol-d5 (Surr)	*49*		*8 - 124*	*11/13/24 05:08*	*12/07/24 11:40*	*1*
p-Terphenyl-d14	*139*	*S1+*	*47 - 130*	*11/13/24 05:08*	*12/07/24 11:40*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	**207**		28.2	4.48	ug/L		11/13/24 05:08	12/10/24 03:04	50
1,1'-Biphenyl	**57.1**		28.2	4.84	ug/L		11/13/24 05:08	12/10/24 03:04	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*145*	*S1+*	*35 - 130*	*11/13/24 05:08*	*12/10/24 03:04*	*50*
2-Fluorobiphenyl	*212*	*S1+*	*43 - 130*	*11/13/24 05:08*	*12/10/24 03:04*	*50*
2-Fluorophenol (Surr)	*125*	*S1+*	*19 - 120*	*11/13/24 05:08*	*12/10/24 03:04*	*50*
Nitrobenzene-d5 (Surr)	*163*	*S1+*	*37 - 133*	*11/13/24 05:08*	*12/10/24 03:04*	*50*
Phenol-d5 (Surr)	*145*	*S1+*	*8 - 124*	*11/13/24 05:08*	*12/10/24 03:04*	*50*
p-Terphenyl-d14	*205*	*S1+*	*47 - 130*	*11/13/24 05:08*	*12/10/24 03:04*	*50*

Client Sample ID: MW-129-D
Lab Sample ID: 860-86555-5
Date Collected: 11/06/24 11:16
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/11/24 23:13	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

Client Sample ID: MW-129-D
Date Collected: 11/06/24 11:16
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/11/24 23:13	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/11/24 23:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/11/24 23:13	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/11/24 23:13	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/11/24 23:13	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/11/24 23:13	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/11/24 23:13	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/11/24 23:13	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/11/24 23:13	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/11/24 23:13	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/11/24 23:13	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/11/24 23:13	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/11/24 23:13	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/11/24 23:13	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/11/24 23:13	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/11/24 23:13	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/11/24 23:13	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/11/24 23:13	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/11/24 23:13	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/11/24 23:13	1
Acetone	<3.07	U	100	3.07	ug/L			11/11/24 23:13	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/11/24 23:13	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/11/24 23:13	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/11/24 23:13	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/11/24 23:13	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/11/24 23:13	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/11/24 23:13	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/11/24 23:13	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/11/24 23:13	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/11/24 23:13	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/11/24 23:13	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/11/24 23:13	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/11/24 23:13	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/11/24 23:13	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/11/24 23:13	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/11/24 23:13	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/11/24 23:13	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/11/24 23:13	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/11/24 23:13	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/11/24 23:13	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/11/24 23:13	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/11/24 23:13	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/11/24 23:13	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/11/24 23:13	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/11/24 23:13	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/11/24 23:13	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/11/24 23:13	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/11/24 23:13	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/11/24 23:13	1

Client Sample ID: MW-129-D

Date Collected: 11/06/24 11:16
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/11/24 23:13	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/11/24 23:13	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/11/24 23:13	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/11/24 23:13	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/11/24 23:13	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/11/24 23:13	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/11/24 23:13	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/11/24 23:13	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/11/24 23:13	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/11/24 23:13	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/11/24 23:13	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/11/24 23:13	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/11/24 23:13	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/11/24 23:13	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/11/24 23:13	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/11/24 23:13	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/11/24 23:13	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/11/24 23:13	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/11/24 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*11/11/24 23:13*	*1*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*		*11/11/24 23:13*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*11/11/24 23:13*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/11/24 23:13*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0764	U	0.570	0.0764	ug/L		11/13/24 05:08	12/07/24 12:10	1
1,2-Dichlorobenzene	<0.0938	U	0.570	0.0938	ug/L		11/13/24 05:08	12/07/24 12:10	1
1,3-Dichlorobenzene	<0.101	U	0.570	0.101	ug/L		11/13/24 05:08	12/07/24 12:10	1
1,4-Dichlorobenzene	<0.0777	U	0.570	0.0777	ug/L		11/13/24 05:08	12/07/24 12:10	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.85	1.42	ug/L		11/13/24 05:08	12/07/24 12:10	1
2,4,5-Trichlorophenol	<0.143	U *+	0.570	0.143	ug/L		11/13/24 05:08	12/07/24 12:10	1
2,4,6-Trichlorophenol	<0.230	U	0.570	0.230	ug/L		11/13/24 05:08	12/07/24 12:10	1
2,4-Dichlorophenol	<0.140	U	0.570	0.140	ug/L		11/13/24 05:08	12/07/24 12:10	1
2,4-Dimethylphenol	<0.192	U *+	0.570	0.192	ug/L		11/13/24 05:08	12/07/24 12:10	1
1,4-Dioxane	<0.0887	U	0.570	0.0887	ug/L		11/13/24 05:08	12/07/24 12:10	1
2,4-Dinitrophenol	<0.104	U	2.85	0.104	ug/L		11/13/24 05:08	12/07/24 12:10	1
2,4-Dinitrotoluene	<0.204	U *+	0.570	0.204	ug/L		11/13/24 05:08	12/07/24 12:10	1
2,6-Dinitrotoluene	<0.116	U	0.570	0.116	ug/L		11/13/24 05:08	12/07/24 12:10	1
2-Chloronaphthalene	<0.377	U	0.570	0.377	ug/L		11/13/24 05:08	12/07/24 12:10	1
2-Methylnaphthalene	<0.0601	U	0.570	0.0601	ug/L		11/13/24 05:08	12/07/24 12:10	1
2-Methylphenol	<0.104	U	0.570	0.104	ug/L		11/13/24 05:08	12/07/24 12:10	1
2-Nitroaniline	<0.149	U *+	0.570	0.149	ug/L		11/13/24 05:08	12/07/24 12:10	1
2-Nitrophenol	<0.136	U	0.570	0.136	ug/L		11/13/24 05:08	12/07/24 12:10	1
3 & 4 Methylphenol	<0.138	U	0.570	0.138	ug/L		11/13/24 05:08	12/07/24 12:10	1
3-Nitroaniline	<0.0850	U	0.570	0.0850	ug/L		11/13/24 05:08	12/07/24 12:10	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/13/24 05:08	12/07/24 12:10	1
4-Bromophenyl phenyl ether	<0.100	U *+	0.570	0.100	ug/L		11/13/24 05:08	12/07/24 12:10	1

Client Sample ID: MW-129-D
Lab Sample ID: 860-86555-5
Date Collected: 11/06/24 11:16
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	<0.103	U *+	0.570	0.103	ug/L		11/13/24 05:08	12/07/24 12:10	1
4-Chloroaniline	<0.0384	U	0.570	0.0384	ug/L		11/13/24 05:08	12/07/24 12:10	1
4-Chlorophenyl phenyl ether	<0.130	U	0.570	0.130	ug/L		11/13/24 05:08	12/07/24 12:10	1
4-Nitroaniline	<0.108	U	0.570	0.108	ug/L		11/13/24 05:08	12/07/24 12:10	1
Acenaphthene	<0.107	U	0.570	0.107	ug/L		11/13/24 05:08	12/07/24 12:10	1
Acenaphthylene	<0.0994	U *+	0.570	0.0994	ug/L		11/13/24 05:08	12/07/24 12:10	1
Aniline	<0.0578	U	0.570	0.0578	ug/L		11/13/24 05:08	12/07/24 12:10	1
Anthracene	<0.0935	U	0.570	0.0935	ug/L		11/13/24 05:08	12/07/24 12:10	1
Benzo[a]anthracene	<0.0285	U *+	0.0285	0.0285	ug/L		11/13/24 05:08	12/07/24 12:10	1
Benzo[a]pyrene	<0.0299	U	0.0570	0.0299	ug/L		11/13/24 05:08	12/07/24 12:10	1
Benzo[b]fluoranthene	<0.0662	U	0.570	0.0662	ug/L		11/13/24 05:08	12/07/24 12:10	1
Benzo[g,h,i]perylene	<0.0344	U	0.570	0.0344	ug/L		11/13/24 05:08	12/07/24 12:10	1
Benzo[k]fluoranthene	<0.0471	U	0.570	0.0471	ug/L		11/13/24 05:08	12/07/24 12:10	1
Benzyl alcohol	<0.598	U	1.14	0.598	ug/L		11/13/24 05:08	12/07/24 12:10	1
Bis(2-chloroethoxy)methane	<0.0972	U	0.570	0.0972	ug/L		11/13/24 05:08	12/07/24 12:10	1
Bis(2-chloroethyl)ether	<0.214	U	0.570	0.214	ug/L		11/13/24 05:08	12/07/24 12:10	1
Bis(2-ethylhexyl) phthalate	<0.897	U *+	1.14	0.897	ug/L		11/13/24 05:08	12/07/24 12:10	1
Butyl benzyl phthalate	<0.499	U *+	1.14	0.499	ug/L		11/13/24 05:08	12/07/24 12:10	1
Chrysene	<0.0813	U	0.570	0.0813	ug/L		11/13/24 05:08	12/07/24 12:10	1
Dibenz(a,h)anthracene	<0.0507	U	0.114	0.0507	ug/L		11/13/24 05:08	12/07/24 12:10	1
Dibenzofuran	<0.106	U	0.570	0.106	ug/L		11/13/24 05:08	12/07/24 12:10	1
Diethyl phthalate	<0.154	U *+	1.14	0.154	ug/L		11/13/24 05:08	12/07/24 12:10	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/13/24 05:08	12/07/24 12:10	1
Di-n-butyl phthalate	<0.763	U *+	1.14	0.763	ug/L		11/13/24 05:08	12/07/24 12:10	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/13/24 05:08	12/07/24 12:10	1
Fluoranthene	<0.0881	U	0.570	0.0881	ug/L		11/13/24 05:08	12/07/24 12:10	1
Fluorene	<0.0945	U	0.570	0.0945	ug/L		11/13/24 05:08	12/07/24 12:10	1
Hexachlorobenzene	<0.0972	U	0.570	0.0972	ug/L		11/13/24 05:08	12/07/24 12:10	1
Hexachlorobutadiene	<0.102	U	0.570	0.102	ug/L		11/13/24 05:08	12/07/24 12:10	1
Hexachlorocyclopentadiene	<0.0511	U	0.570	0.0511	ug/L		11/13/24 05:08	12/07/24 12:10	1
Hexachloroethane	<0.102	U	0.570	0.102	ug/L		11/13/24 05:08	12/07/24 12:10	1
Indeno[1,2,3-cd]pyrene	<0.0997	U	0.570	0.0997	ug/L		11/13/24 05:08	12/07/24 12:10	1
Isophorone	<0.106	U	0.570	0.106	ug/L		11/13/24 05:08	12/07/24 12:10	1
Naphthalene	<0.0942	U	0.570	0.0942	ug/L		11/13/24 05:08	12/07/24 12:10	1
Nitrobenzene	<0.0734	U	0.570	0.0734	ug/L		11/13/24 05:08	12/07/24 12:10	1
N-Nitrosodi-n-propylamine	<0.118	U	0.570	0.118	ug/L		11/13/24 05:08	12/07/24 12:10	1
N-Nitrosodiphenylamine	<0.144	U	0.570	0.144	ug/L		11/13/24 05:08	12/07/24 12:10	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/13/24 05:08	12/07/24 12:10	1
Phenanthrene	<0.134	U *+	0.570	0.134	ug/L		11/13/24 05:08	12/07/24 12:10	1
Phenol	<0.447	U	2.85	0.447	ug/L		11/13/24 05:08	12/07/24 12:10	1
Pyrene	<0.0846	U	0.570	0.0846	ug/L		11/13/24 05:08	12/07/24 12:10	1
Pyridine	<1.43	U *1	2.85	1.43	ug/L		11/13/24 05:08	12/07/24 12:10	1
N-Nitro-o-toluidine	<0.519	U *+	1.14	0.519	ug/L		11/13/24 05:08	12/07/24 12:10	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.570	0.210	ug/L		11/13/24 05:08	12/07/24 12:10	1
Acetophenone	<0.622	U *+	1.14	0.622	ug/L		11/13/24 05:08	12/07/24 12:10	1
N-Nitrosopiperidine	<0.466	U *+	1.14	0.466	ug/L		11/13/24 05:08	12/07/24 12:10	1
Pentachlorobenzene	<0.265	U	0.570	0.265	ug/L		11/13/24 05:08	12/07/24 12:10	1
Diphenyl ether	<0.0907	U	0.570	0.0907	ug/L		11/13/24 05:08	12/07/24 12:10	1
1,1'-Biphenyl	<0.0979	U	0.570	0.0979	ug/L		11/13/24 05:08	12/07/24 12:10	1

Client Sample ID: MW-129-D
Lab Sample ID: 860-86555-5

Date Collected: 11/06/24 11:16
Matrix: Water

Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Aminobiphenyl	<0.393	U *+	0.570	0.393	ug/L		11/13/24 05:08	12/07/24 12:10	1
1,2,4,5-Tetrachlorobenzene	<0.0955	U	0.570	0.0955	ug/L		11/13/24 05:08	12/07/24 12:10	1
1,3,5-Trinitrobenzene	<0.118	U *+	0.570	0.118	ug/L		11/13/24 05:08	12/07/24 12:10	1
1,3-Dinitrobenzene	<0.0771	U *+	0.570	0.0771	ug/L		11/13/24 05:08	12/07/24 12:10	1
1,4-Naphthoquinone	<0.313	U *+	0.570	0.313	ug/L		11/13/24 05:08	12/07/24 12:10	1
1-Naphthylamine	<0.148	U	0.570	0.148	ug/L		11/13/24 05:08	12/07/24 12:10	1
2,6-Dichlorophenol	<0.118	U	0.570	0.118	ug/L		11/13/24 05:08	12/07/24 12:10	1
2-Acetylaminofluorene	<1.26	U *+	2.85	1.26	ug/L		11/13/24 05:08	12/07/24 12:10	1
2-Chlorophenol	<0.0754	U	0.570	0.0754	ug/L		11/13/24 05:08	12/07/24 12:10	1
2-Naphthylamine	<0.287	U *+	0.570	0.287	ug/L		11/13/24 05:08	12/07/24 12:10	1
2-Picoline	<0.122	U	0.570	0.122	ug/L		11/13/24 05:08	12/07/24 12:10	1
2-Toluidine	<0.305	U *+	0.570	0.305	ug/L		11/13/24 05:08	12/07/24 12:10	1
3,3'-Dichlorobenzidine	<0.183	U	0.570	0.183	ug/L		11/13/24 05:08	12/07/24 12:10	1
3,3'-Dimethylbenzidine	<0.141	U *+	0.570	0.141	ug/L		11/13/24 05:08	12/07/24 12:10	1
3-Methylcholanthrene	<0.104	U *+	0.570	0.104	ug/L		11/13/24 05:08	12/07/24 12:10	1
4-Nitroquinoline-1-oxide	<0.728	U	1.14	0.728	ug/L		11/13/24 05:08	12/07/24 12:10	1
7,12-Dimethylbenz(a)anthracene	<0.240	U *+	0.570	0.240	ug/L		11/13/24 05:08	12/07/24 12:10	1
alpha,alpha-Dimethyl phenethylamine	<3.66	U *- *1	5.70	3.66	ug/L		11/13/24 05:08	12/07/24 12:10	1
Aramite Peak 1	<0.0783	U *+	0.570	0.0783	ug/L		11/13/24 05:08	12/07/24 12:10	1
Aramite Peak 2	<0.0951	U *+	0.570	0.0951	ug/L		11/13/24 05:08	12/07/24 12:10	1
Aramite, Total	<0.0951	U	0.570	0.0951	ug/L		11/13/24 05:08	12/07/24 12:10	1
Diallate	<0.0832	U	0.570	0.0832	ug/L		11/13/24 05:08	12/07/24 12:10	1
Diallate Peak 1	<0.0832	U *+	0.570	0.0832	ug/L		11/13/24 05:08	12/07/24 12:10	1
Diallate Peak 2	<0.0384	U *+	0.570	0.0384	ug/L		11/13/24 05:08	12/07/24 12:10	1
Dimethoate	<0.121	U *+	0.570	0.121	ug/L		11/13/24 05:08	12/07/24 12:10	1
Dinoseb	<0.568	U *+	2.85	0.568	ug/L		11/13/24 05:08	12/07/24 12:10	1
Disulfoton	<0.202	U *+	0.570	0.202	ug/L		11/13/24 05:08	12/07/24 12:10	1
Ethyl methanesulfonate	<0.226	U	0.570	0.226	ug/L		11/13/24 05:08	12/07/24 12:10	1
Ethyl Parathion	<0.0501	U *+	0.228	0.0501	ug/L		11/13/24 05:08	12/07/24 12:10	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/13/24 05:08	12/07/24 12:10	1
Hexachloropropene	<0.299	U *-	0.570	0.299	ug/L		11/13/24 05:08	12/07/24 12:10	1
Isosafrole	<0.240	U	0.570	0.240	ug/L		11/13/24 05:08	12/07/24 12:10	1
Isosafrole Peak 1	<0.0462	U	0.570	0.0462	ug/L		11/13/24 05:08	12/07/24 12:10	1
Isosafrole Peak 2	<0.240	U	0.570	0.240	ug/L		11/13/24 05:08	12/07/24 12:10	1
Methapyrilene	<0.997	U *+	2.28	0.997	ug/L		11/13/24 05:08	12/07/24 12:10	1
Methyl methanesulfonate	<0.120	U	0.570	0.120	ug/L		11/13/24 05:08	12/07/24 12:10	1
Methyl parathion	<0.318	U *+	0.570	0.318	ug/L		11/13/24 05:08	12/07/24 12:10	1
N-Nitrosodiethylamine	<0.537	U *+	1.14	0.537	ug/L		11/13/24 05:08	12/07/24 12:10	1
N-Nitrosodimethylamine	<0.0997	U	0.570	0.0997	ug/L		11/13/24 05:08	12/07/24 12:10	1
N-Nitrosodi-n-butylamine	<0.514	U *+	1.14	0.514	ug/L		11/13/24 05:08	12/07/24 12:10	1
N-Nitrosomethylethylamine	<0.293	U	0.570	0.293	ug/L		11/13/24 05:08	12/07/24 12:10	1
N-Nitrosomorpholine	<0.220	U	0.570	0.220	ug/L		11/13/24 05:08	12/07/24 12:10	1
N-Nitrosopyrrolidine	<0.267	U	0.570	0.267	ug/L		11/13/24 05:08	12/07/24 12:10	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.570	0.138	ug/L		11/13/24 05:08	12/07/24 12:10	1
p-Dimethylamino azobenzene	<0.0237	U *+	0.570	0.0237	ug/L		11/13/24 05:08	12/07/24 12:10	1
Pentachloronitrobenzene	<0.0997	U *+	0.570	0.0997	ug/L		11/13/24 05:08	12/07/24 12:10	1
Phenacetin	<0.0997	U *+	0.570	0.0997	ug/L		11/13/24 05:08	12/07/24 12:10	1
Phorate	<0.221	U *+	0.570	0.221	ug/L		11/13/24 05:08	12/07/24 12:10	1
p-Phenylene diamine	<0.499	U	1.14	0.499	ug/L		11/13/24 05:08	12/07/24 12:10	1

Client Sample ID: MW-129-D

Date Collected: 11/06/24 11:16
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-5

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pronamide	<0.0997	U *+	0.570	0.0997	ug/L		11/13/24 05:08	12/07/24 12:10	1
Safrole, Total	<0.0569	U	0.570	0.0569	ug/L		11/13/24 05:08	12/07/24 12:10	1
Sulfotepp	<0.146	U *+	0.570	0.146	ug/L		11/13/24 05:08	12/07/24 12:10	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/13/24 05:08	12/07/24 12:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*108*		*35 - 130*	*11/13/24 05:08*	*12/07/24 12:10*	*1*
2-Fluorobiphenyl	*108*		*43 - 130*	*11/13/24 05:08*	*12/07/24 12:10*	*1*
2-Fluorophenol (Surr)	*110*		*19 - 120*	*11/13/24 05:08*	*12/07/24 12:10*	*1*
Nitrobenzene-d5 (Surr)	*128*		*37 - 133*	*11/13/24 05:08*	*12/07/24 12:10*	*1*
Phenol-d5 (Surr)	*81*		*8 - 124*	*11/13/24 05:08*	*12/07/24 12:10*	*1*
p-Terphenyl-d14	*146*	*S1+*	*47 - 130*	*11/13/24 05:08*	*12/07/24 12:10*	*1*

Client Sample ID: MW-32-S

Date Collected: 11/06/24 11:43
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-6

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/11/24 23:33	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/11/24 23:33	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/11/24 23:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/11/24 23:33	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/11/24 23:33	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/11/24 23:33	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/11/24 23:33	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/11/24 23:33	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/11/24 23:33	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/11/24 23:33	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/11/24 23:33	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/11/24 23:33	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/11/24 23:33	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/11/24 23:33	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/11/24 23:33	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/11/24 23:33	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/11/24 23:33	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/11/24 23:33	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/11/24 23:33	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/11/24 23:33	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/11/24 23:33	1
Acetone	<3.07	U	100	3.07	ug/L			11/11/24 23:33	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/11/24 23:33	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/11/24 23:33	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/11/24 23:33	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/11/24 23:33	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/11/24 23:33	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/11/24 23:33	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/11/24 23:33	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/11/24 23:33	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/11/24 23:33	1

Client Sample ID: MW-32-S
Date Collected: 11/06/24 11:43
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/11/24 23:33	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/11/24 23:33	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/11/24 23:33	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/11/24 23:33	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/11/24 23:33	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/11/24 23:33	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/11/24 23:33	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/11/24 23:33	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/11/24 23:33	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/11/24 23:33	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/11/24 23:33	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/11/24 23:33	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/11/24 23:33	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/11/24 23:33	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/11/24 23:33	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/11/24 23:33	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/11/24 23:33	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/11/24 23:33	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/11/24 23:33	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/11/24 23:33	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/11/24 23:33	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/11/24 23:33	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/11/24 23:33	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/11/24 23:33	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/11/24 23:33	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/11/24 23:33	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/11/24 23:33	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/11/24 23:33	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/11/24 23:33	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/11/24 23:33	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/11/24 23:33	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/11/24 23:33	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/11/24 23:33	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/11/24 23:33	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/11/24 23:33	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/11/24 23:33	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/11/24 23:33	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/11/24 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*11/11/24 23:33*	*1*
4-Bromofluorobenzene (Surr)	*92*		*74 - 124*		*11/11/24 23:33*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*11/11/24 23:33*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/11/24 23:33*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0763	U	0.569	0.0763	ug/L		11/13/24 05:08	12/07/24 12:41	1
1,2-Dichlorobenzene	<0.0937	U	0.569	0.0937	ug/L		11/13/24 05:08	12/07/24 12:41	1
1,3-Dichlorobenzene	<0.101	U	0.569	0.101	ug/L		11/13/24 05:08	12/07/24 12:41	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

Client Sample ID: MW-32-S
Date Collected: 11/06/24 11:43
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.0776	U	0.569	0.0776	ug/L		11/13/24 05:08	12/07/24 12:41	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.84	1.42	ug/L		11/13/24 05:08	12/07/24 12:41	1
2,4,5-Trichlorophenol	<0.143	U *+	0.569	0.143	ug/L		11/13/24 05:08	12/07/24 12:41	1
2,4,6-Trichlorophenol	<0.230	U	0.569	0.230	ug/L		11/13/24 05:08	12/07/24 12:41	1
2,4-Dichlorophenol	<0.139	U	0.569	0.139	ug/L		11/13/24 05:08	12/07/24 12:41	1
2,4-Dimethylphenol	<0.191	U *+	0.569	0.191	ug/L		11/13/24 05:08	12/07/24 12:41	1
1,4-Dioxane	<0.0886	U	0.569	0.0886	ug/L		11/13/24 05:08	12/07/24 12:41	1
2,4-Dinitrophenol	<0.104	U	2.84	0.104	ug/L		11/13/24 05:08	12/07/24 12:41	1
2,4-Dinitrotoluene	<0.204	U *+	0.569	0.204	ug/L		11/13/24 05:08	12/07/24 12:41	1
2,6-Dinitrotoluene	<0.116	U	0.569	0.116	ug/L		11/13/24 05:08	12/07/24 12:41	1
2-Chloronaphthalene	<0.377	U	0.569	0.377	ug/L		11/13/24 05:08	12/07/24 12:41	1
2-Methylnaphthalene	<0.0600	U	0.569	0.0600	ug/L		11/13/24 05:08	12/07/24 12:41	1
2-Methylphenol	<0.104	U	0.569	0.104	ug/L		11/13/24 05:08	12/07/24 12:41	1
2-Nitroaniline	<0.148	U *+	0.569	0.148	ug/L		11/13/24 05:08	12/07/24 12:41	1
2-Nitrophenol	<0.135	U	0.569	0.135	ug/L		11/13/24 05:08	12/07/24 12:41	1
3 & 4 Methylphenol	<0.138	U	0.569	0.138	ug/L		11/13/24 05:08	12/07/24 12:41	1
3-Nitroaniline	<0.0849	U	0.569	0.0849	ug/L		11/13/24 05:08	12/07/24 12:41	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/13/24 05:08	12/07/24 12:41	1
4-Bromophenyl phenyl ether	<0.0999	U *+	0.569	0.0999	ug/L		11/13/24 05:08	12/07/24 12:41	1
4-Chloro-3-methylphenol	<0.103	U *+	0.569	0.103	ug/L		11/13/24 05:08	12/07/24 12:41	1
4-Chloroaniline	<0.0384	U	0.569	0.0384	ug/L		11/13/24 05:08	12/07/24 12:41	1
4-Chlorophenyl phenyl ether	<0.130	U	0.569	0.130	ug/L		11/13/24 05:08	12/07/24 12:41	1
4-Nitroaniline	<0.108	U	0.569	0.108	ug/L		11/13/24 05:08	12/07/24 12:41	1
Acenaphthene	<0.107	U	0.569	0.107	ug/L		11/13/24 05:08	12/07/24 12:41	1
Acenaphthylene	<0.0992	U *+	0.569	0.0992	ug/L		11/13/24 05:08	12/07/24 12:41	1
Aniline	<0.0577	U	0.569	0.0577	ug/L		11/13/24 05:08	12/07/24 12:41	1
Anthracene	<0.0934	U	0.569	0.0934	ug/L		11/13/24 05:08	12/07/24 12:41	1
Benzo[a]anthracene	<0.0284	U *+	0.0284	0.0284	ug/L		11/13/24 05:08	12/07/24 12:41	1
Benzo[a]pyrene	<0.0299	U	0.0569	0.0299	ug/L		11/13/24 05:08	12/07/24 12:41	1
Benzo[b]fluoranthene	<0.0661	U	0.569	0.0661	ug/L		11/13/24 05:08	12/07/24 12:41	1
Benzo[g,h,i]perylene	<0.0344	U	0.569	0.0344	ug/L		11/13/24 05:08	12/07/24 12:41	1
Benzo[k]fluoranthene	<0.0470	U	0.569	0.0470	ug/L		11/13/24 05:08	12/07/24 12:41	1
Benzyl alcohol	<0.597	U	1.14	0.597	ug/L		11/13/24 05:08	12/07/24 12:41	1
Bis(2-chloroethoxy)methane	<0.0970	U	0.569	0.0970	ug/L		11/13/24 05:08	12/07/24 12:41	1
Bis(2-chloroethyl)ether	<0.213	U	0.569	0.213	ug/L		11/13/24 05:08	12/07/24 12:41	1
Bis(2-ethylhexyl) phthalate	<0.896	U *+	1.14	0.896	ug/L		11/13/24 05:08	12/07/24 12:41	1
Butyl benzyl phthalate	<0.498	U *+	1.14	0.498	ug/L		11/13/24 05:08	12/07/24 12:41	1
Chrysene	<0.0812	U	0.569	0.0812	ug/L		11/13/24 05:08	12/07/24 12:41	1
Dibenz(a,h)anthracene	<0.0507	U	0.114	0.0507	ug/L		11/13/24 05:08	12/07/24 12:41	1
Dibenzofuran	<0.106	U	0.569	0.106	ug/L		11/13/24 05:08	12/07/24 12:41	1
Diethyl phthalate	<0.154	U *+	1.14	0.154	ug/L		11/13/24 05:08	12/07/24 12:41	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/13/24 05:08	12/07/24 12:41	1
Di-n-butyl phthalate	<0.762	U *+	1.14	0.762	ug/L		11/13/24 05:08	12/07/24 12:41	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/13/24 05:08	12/07/24 12:41	1
Fluoranthene	<0.0879	U	0.569	0.0879	ug/L		11/13/24 05:08	12/07/24 12:41	1
Fluorene	<0.0944	U	0.569	0.0944	ug/L		11/13/24 05:08	12/07/24 12:41	1
Hexachlorobenzene	<0.0971	U	0.569	0.0971	ug/L		11/13/24 05:08	12/07/24 12:41	1
Hexachlorobutadiene	<0.102	U	0.569	0.102	ug/L		11/13/24 05:08	12/07/24 12:41	1
Hexachlorocyclopentadiene	<0.0510	U	0.569	0.0510	ug/L		11/13/24 05:08	12/07/24 12:41	1

Client Sample ID: MW-32-S
Lab Sample ID: 860-86555-6
Date Collected: 11/06/24 11:43
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	<0.101	U	0.569	0.101	ug/L		11/13/24 05:08	12/07/24 12:41	1
Indeno[1,2,3-cd]pyrene	<0.0996	U	0.569	0.0996	ug/L		11/13/24 05:08	12/07/24 12:41	1
Isophorone	<0.106	U	0.569	0.106	ug/L		11/13/24 05:08	12/07/24 12:41	1
Naphthalene	<0.0940	U	0.569	0.0940	ug/L		11/13/24 05:08	12/07/24 12:41	1
Nitrobenzene	<0.0733	U	0.569	0.0733	ug/L		11/13/24 05:08	12/07/24 12:41	1
N-Nitrosodi-n-propylamine	<0.118	U	0.569	0.118	ug/L		11/13/24 05:08	12/07/24 12:41	1
N-Nitrosodiphenylamine	<0.144	U	0.569	0.144	ug/L		11/13/24 05:08	12/07/24 12:41	1
Pentachlorophenol	<1.03	U	1.14	1.03	ug/L		11/13/24 05:08	12/07/24 12:41	1
Phenanthrene	<0.133	U *+	0.569	0.133	ug/L		11/13/24 05:08	12/07/24 12:41	1
Phenol	<0.446	U	2.84	0.446	ug/L		11/13/24 05:08	12/07/24 12:41	1
Pyrene	<0.0845	U	0.569	0.0845	ug/L		11/13/24 05:08	12/07/24 12:41	1
Pyridine	<1.43	U *1	2.84	1.43	ug/L		11/13/24 05:08	12/07/24 12:41	1
N-Nitro-o-toluidine	<0.518	U *+	1.14	0.518	ug/L		11/13/24 05:08	12/07/24 12:41	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.569	0.210	ug/L		11/13/24 05:08	12/07/24 12:41	1
Acetophenone	<0.621	U *+	1.14	0.621	ug/L		11/13/24 05:08	12/07/24 12:41	1
N-Nitrosopiperidine	<0.465	U *+	1.14	0.465	ug/L		11/13/24 05:08	12/07/24 12:41	1
Pentachlorobenzene	<0.265	U	0.569	0.265	ug/L		11/13/24 05:08	12/07/24 12:41	1
Diphenyl ether	<0.0906	U	0.569	0.0906	ug/L		11/13/24 05:08	12/07/24 12:41	1
1,1'-Biphenyl	<0.0977	U	0.569	0.0977	ug/L		11/13/24 05:08	12/07/24 12:41	1
4-Aminobiphenyl	<0.392	U *+	0.569	0.392	ug/L		11/13/24 05:08	12/07/24 12:41	1
1,2,4,5-Tetrachlorobenzene	<0.0953	U	0.569	0.0953	ug/L		11/13/24 05:08	12/07/24 12:41	1
1,3,5-Trinitrobenzene	<0.118	U *+	0.569	0.118	ug/L		11/13/24 05:08	12/07/24 12:41	1
1,3-Dinitrobenzene	<0.0770	U *+	0.569	0.0770	ug/L		11/13/24 05:08	12/07/24 12:41	1
1,4-Naphthoquinone	<0.313	U *+	0.569	0.313	ug/L		11/13/24 05:08	12/07/24 12:41	1
1-Naphthylamine	<0.148	U	0.569	0.148	ug/L		11/13/24 05:08	12/07/24 12:41	1
2,6-Dichlorophenol	<0.118	U	0.569	0.118	ug/L		11/13/24 05:08	12/07/24 12:41	1
2-Acetylaminofluorene	<1.26	U *+	2.84	1.26	ug/L		11/13/24 05:08	12/07/24 12:41	1
2-Chlorophenol	<0.0753	U	0.569	0.0753	ug/L		11/13/24 05:08	12/07/24 12:41	1
2-Naphthylamine	<0.287	U *+	0.569	0.287	ug/L		11/13/24 05:08	12/07/24 12:41	1
2-Picoline	<0.122	U	0.569	0.122	ug/L		11/13/24 05:08	12/07/24 12:41	1
2-Toluidine	<0.305	U *+	0.569	0.305	ug/L		11/13/24 05:08	12/07/24 12:41	1
3,3'-Dichlorobenzidine	<0.182	U	0.569	0.182	ug/L		11/13/24 05:08	12/07/24 12:41	1
3,3'-Dimethylbenzidine	<0.141	U *+	0.569	0.141	ug/L		11/13/24 05:08	12/07/24 12:41	1
3-Methylcholanthrene	<0.104	U *+	0.569	0.104	ug/L		11/13/24 05:08	12/07/24 12:41	1
4-Nitroquinoline-1-oxide	<0.727	U	1.14	0.727	ug/L		11/13/24 05:08	12/07/24 12:41	1
7,12-Dimethylbenz(a)anthracene	<0.240	U *+	0.569	0.240	ug/L		11/13/24 05:08	12/07/24 12:41	1
alpha,alpha-Dimethyl phenethylamine	<3.65	U *- *1	5.69	3.65	ug/L		11/13/24 05:08	12/07/24 12:41	1
Aramite Peak 1	<0.0782	U *+	0.569	0.0782	ug/L		11/13/24 05:08	12/07/24 12:41	1
Aramite Peak 2	<0.0950	U *+	0.569	0.0950	ug/L		11/13/24 05:08	12/07/24 12:41	1
Aramite, Total	<0.0950	U	0.569	0.0950	ug/L		11/13/24 05:08	12/07/24 12:41	1
Diallate	<0.0831	U	0.569	0.0831	ug/L		11/13/24 05:08	12/07/24 12:41	1
Diallate Peak 1	<0.0831	U *+	0.569	0.0831	ug/L		11/13/24 05:08	12/07/24 12:41	1
Diallate Peak 2	<0.0384	U *+	0.569	0.0384	ug/L		11/13/24 05:08	12/07/24 12:41	1
Dimethoate	<0.121	U *+	0.569	0.121	ug/L		11/13/24 05:08	12/07/24 12:41	1
Dinoseb	<0.567	U *+	2.84	0.567	ug/L		11/13/24 05:08	12/07/24 12:41	1
Disulfoton	<0.202	U *+	0.569	0.202	ug/L		11/13/24 05:08	12/07/24 12:41	1
Ethyl methanesulfonate	<0.226	U	0.569	0.226	ug/L		11/13/24 05:08	12/07/24 12:41	1
Ethyl Parathion	<0.0500	U *+	0.228	0.0500	ug/L		11/13/24 05:08	12/07/24 12:41	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/13/24 05:08	12/07/24 12:41	1

Client Sample ID: MW-32-S
Lab Sample ID: 860-86555-6
Date Collected: 11/06/24 11:43
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloropropene	<0.298	U *-	0.569	0.298	ug/L		11/13/24 05:08	12/07/24 12:41	1
Isosafrole	<0.240	U	0.569	0.240	ug/L		11/13/24 05:08	12/07/24 12:41	1
Isosafrole Peak 1	<0.0461	U	0.569	0.0461	ug/L		11/13/24 05:08	12/07/24 12:41	1
Isosafrole Peak 2	<0.240	U	0.569	0.240	ug/L		11/13/24 05:08	12/07/24 12:41	1
Methapyrilene	<0.995	U *+	2.28	0.995	ug/L		11/13/24 05:08	12/07/24 12:41	1
Methyl methanesulfonate	<0.119	U	0.569	0.119	ug/L		11/13/24 05:08	12/07/24 12:41	1
Methyl parathion	<0.318	U *+	0.569	0.318	ug/L		11/13/24 05:08	12/07/24 12:41	1
N-Nitrosodiethylamine	<0.536	U *+	1.14	0.536	ug/L		11/13/24 05:08	12/07/24 12:41	1
N-Nitrosodimethylamine	<0.0996	U	0.569	0.0996	ug/L		11/13/24 05:08	12/07/24 12:41	1
N-Nitrosodi-n-butylamine	<0.513	U *+	1.14	0.513	ug/L		11/13/24 05:08	12/07/24 12:41	1
N-Nitrosomethylethylamine	<0.293	U	0.569	0.293	ug/L		11/13/24 05:08	12/07/24 12:41	1
N-Nitrosomorpholine	<0.219	U	0.569	0.219	ug/L		11/13/24 05:08	12/07/24 12:41	1
N-Nitrosopyrrolidine	<0.267	U	0.569	0.267	ug/L		11/13/24 05:08	12/07/24 12:41	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.569	0.138	ug/L		11/13/24 05:08	12/07/24 12:41	1
p-Dimethylamino azobenzene	<0.0237	U *+	0.569	0.0237	ug/L		11/13/24 05:08	12/07/24 12:41	1
Pentachloronitrobenzene	<0.0996	U *+	0.569	0.0996	ug/L		11/13/24 05:08	12/07/24 12:41	1
Phenacetin	<0.0996	U *+	0.569	0.0996	ug/L		11/13/24 05:08	12/07/24 12:41	1
Phorate	<0.220	U *+	0.569	0.220	ug/L		11/13/24 05:08	12/07/24 12:41	1
p-Phenylene diamine	<0.498	U	1.14	0.498	ug/L		11/13/24 05:08	12/07/24 12:41	1
Pronamide	<0.0996	U *+	0.569	0.0996	ug/L		11/13/24 05:08	12/07/24 12:41	1
Safrole, Total	<0.0569	U	0.569	0.0569	ug/L		11/13/24 05:08	12/07/24 12:41	1
Sulfotepp	<0.146	U *+	0.569	0.146	ug/L		11/13/24 05:08	12/07/24 12:41	1
Thionazin	<0.207	U *+	1.14	0.207	ug/L		11/13/24 05:08	12/07/24 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*109*		*35 - 130*	*11/13/24 05:08*	*12/07/24 12:41*	*1*
2-Fluorobiphenyl	*112*		*43 - 130*	*11/13/24 05:08*	*12/07/24 12:41*	*1*
2-Fluorophenol (Surr)	*79*		*19 - 120*	*11/13/24 05:08*	*12/07/24 12:41*	*1*
Nitrobenzene-d5 (Surr)	*136*	*S1+*	*37 - 133*	*11/13/24 05:08*	*12/07/24 12:41*	*1*
Phenol-d5 (Surr)	*45*		*8 - 124*	*11/13/24 05:08*	*12/07/24 12:41*	*1*
p-Terphenyl-d14	*128*		*47 - 130*	*11/13/24 05:08*	*12/07/24 12:41*	*1*

Client Sample ID: MW-32-D
Lab Sample ID: 860-86555-7
Date Collected: 11/06/24 13:15
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/11/24 23:54	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/11/24 23:54	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/11/24 23:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/11/24 23:54	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/11/24 23:54	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/11/24 23:54	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/11/24 23:54	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/11/24 23:54	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/11/24 23:54	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/11/24 23:54	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/11/24 23:54	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/11/24 23:54	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

Client Sample ID: MW-32-D
Date Collected: 11/06/24 13:15
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/11/24 23:54	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/11/24 23:54	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/11/24 23:54	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/11/24 23:54	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/11/24 23:54	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/11/24 23:54	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/11/24 23:54	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/11/24 23:54	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/11/24 23:54	1
Acetone	<3.07	U	100	3.07	ug/L			11/11/24 23:54	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/11/24 23:54	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/11/24 23:54	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/11/24 23:54	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/11/24 23:54	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/11/24 23:54	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/11/24 23:54	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/11/24 23:54	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/11/24 23:54	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/11/24 23:54	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/11/24 23:54	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/11/24 23:54	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/11/24 23:54	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/11/24 23:54	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/11/24 23:54	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/11/24 23:54	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/11/24 23:54	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/11/24 23:54	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/11/24 23:54	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/11/24 23:54	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/11/24 23:54	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/11/24 23:54	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/11/24 23:54	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/11/24 23:54	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/11/24 23:54	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/11/24 23:54	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/11/24 23:54	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/11/24 23:54	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/11/24 23:54	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/11/24 23:54	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/11/24 23:54	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/11/24 23:54	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/11/24 23:54	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/11/24 23:54	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/11/24 23:54	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/11/24 23:54	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/11/24 23:54	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/11/24 23:54	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/11/24 23:54	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/11/24 23:54	1

Client Sample ID: MW-32-D
Date Collected: 11/06/24 13:15
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/11/24 23:54	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/11/24 23:54	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/11/24 23:54	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/11/24 23:54	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/11/24 23:54	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/11/24 23:54	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/11/24 23:54	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/11/24 23:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*		*11/11/24 23:54*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*11/11/24 23:54*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*11/11/24 23:54*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/11/24 23:54*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0760	U	0.567	0.0760	ug/L		11/13/24 05:08	12/07/24 13:11	1
1,2-Dichlorobenzene	<0.0933	U	0.567	0.0933	ug/L		11/13/24 05:08	12/07/24 13:11	1
1,3-Dichlorobenzene	<0.101	U	0.567	0.101	ug/L		11/13/24 05:08	12/07/24 13:11	1
1,4-Dichlorobenzene	<0.0772	U	0.567	0.0772	ug/L		11/13/24 05:08	12/07/24 13:11	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.83	1.42	ug/L		11/13/24 05:08	12/07/24 13:11	1
2,4,5-Trichlorophenol	<0.142	U *+	0.567	0.142	ug/L		11/13/24 05:08	12/07/24 13:11	1
2,4,6-Trichlorophenol	<0.229	U	0.567	0.229	ug/L		11/13/24 05:08	12/07/24 13:11	1
2,4-Dichlorophenol	<0.139	U	0.567	0.139	ug/L		11/13/24 05:08	12/07/24 13:11	1
2,4-Dimethylphenol	<0.191	U *+	0.567	0.191	ug/L		11/13/24 05:08	12/07/24 13:11	1
1,4-Dioxane	<0.0882	U	0.567	0.0882	ug/L		11/13/24 05:08	12/07/24 13:11	1
2,4-Dinitrophenol	<0.103	U	2.83	0.103	ug/L		11/13/24 05:08	12/07/24 13:11	1
2,4-Dinitrotoluene	<0.203	U *+	0.567	0.203	ug/L		11/13/24 05:08	12/07/24 13:11	1
2,6-Dinitrotoluene	<0.115	U	0.567	0.115	ug/L		11/13/24 05:08	12/07/24 13:11	1
2-Chloronaphthalene	<0.375	U	0.567	0.375	ug/L		11/13/24 05:08	12/07/24 13:11	1
2-Methylnaphthalene	<0.0597	U	0.567	0.0597	ug/L		11/13/24 05:08	12/07/24 13:11	1
2-Methylphenol	<0.104	U	0.567	0.104	ug/L		11/13/24 05:08	12/07/24 13:11	1
2-Nitroaniline	<0.148	U *+	0.567	0.148	ug/L		11/13/24 05:08	12/07/24 13:11	1
2-Nitrophenol	<0.135	U	0.567	0.135	ug/L		11/13/24 05:08	12/07/24 13:11	1
3 & 4 Methylphenol	<0.138	U	0.567	0.138	ug/L		11/13/24 05:08	12/07/24 13:11	1
3-Nitroaniline	<0.0845	U	0.567	0.0845	ug/L		11/13/24 05:08	12/07/24 13:11	1
4,6-Dinitro-2-methylphenol	<0.200	U	1.13	0.200	ug/L		11/13/24 05:08	12/07/24 13:11	1
4-Bromophenyl phenyl ether	<0.0994	U *+	0.567	0.0994	ug/L		11/13/24 05:08	12/07/24 13:11	1
4-Chloro-3-methylphenol	<0.103	U *+	0.567	0.103	ug/L		11/13/24 05:08	12/07/24 13:11	1
4-Chloroaniline	<0.0382	U	0.567	0.0382	ug/L		11/13/24 05:08	12/07/24 13:11	1
4-Chlorophenyl phenyl ether	<0.129	U	0.567	0.129	ug/L		11/13/24 05:08	12/07/24 13:11	1
4-Nitroaniline	<0.108	U	0.567	0.108	ug/L		11/13/24 05:08	12/07/24 13:11	1
Acenaphthene	<0.107	U	0.567	0.107	ug/L		11/13/24 05:08	12/07/24 13:11	1
Acenaphthylene	<0.0988	U *+	0.567	0.0988	ug/L		11/13/24 05:08	12/07/24 13:11	1
Aniline	<0.0575	U	0.567	0.0575	ug/L		11/13/24 05:08	12/07/24 13:11	1
Anthracene	<0.0930	U	0.567	0.0930	ug/L		11/13/24 05:08	12/07/24 13:11	1
Benzo[a]anthracene	<0.0283	U *+	0.0283	0.0283	ug/L		11/13/24 05:08	12/07/24 13:11	1
Benzo[a]pyrene	<0.0297	U	0.0567	0.0297	ug/L		11/13/24 05:08	12/07/24 13:11	1
Benzo[b]fluoranthene	<0.0658	U	0.567	0.0658	ug/L		11/13/24 05:08	12/07/24 13:11	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

Client Sample ID: MW-32-D
Date Collected: 11/06/24 13:15
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-7
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	<0.0342	U	0.567	0.0342	ug/L		11/13/24 05:08	12/07/24 13:11	1
Benzo[k]fluoranthene	<0.0468	U	0.567	0.0468	ug/L		11/13/24 05:08	12/07/24 13:11	1
Benzyl alcohol	<0.595	U	1.13	0.595	ug/L		11/13/24 05:08	12/07/24 13:11	1
Bis(2-chloroethoxy)methane	<0.0966	U	0.567	0.0966	ug/L		11/13/24 05:08	12/07/24 13:11	1
Bis(2-chloroethyl)ether	<0.212	U	0.567	0.212	ug/L		11/13/24 05:08	12/07/24 13:11	1
Bis(2-ethylhexyl) phthalate	<0.892	U *+	1.13	0.892	ug/L		11/13/24 05:08	12/07/24 13:11	1
Butyl benzyl phthalate	<0.496	U *+	1.13	0.496	ug/L		11/13/24 05:08	12/07/24 13:11	1
Chrysene	<0.0808	U	0.567	0.0808	ug/L		11/13/24 05:08	12/07/24 13:11	1
Dibenz(a,h)anthracene	<0.0505	U	0.113	0.0505	ug/L		11/13/24 05:08	12/07/24 13:11	1
Dibenzofuran	<0.106	U	0.567	0.106	ug/L		11/13/24 05:08	12/07/24 13:11	1
Diethyl phthalate	<0.153	U *+	1.13	0.153	ug/L		11/13/24 05:08	12/07/24 13:11	1
Dimethyl phthalate	<0.107	U *+	1.13	0.107	ug/L		11/13/24 05:08	12/07/24 13:11	1
Di-n-butyl phthalate	<0.759	U *+	1.13	0.759	ug/L		11/13/24 05:08	12/07/24 13:11	1
Di-n-octyl phthalate	<0.267	U	1.13	0.267	ug/L		11/13/24 05:08	12/07/24 13:11	1
Fluoranthene	<0.0876	U	0.567	0.0876	ug/L		11/13/24 05:08	12/07/24 13:11	1
Fluorene	<0.0940	U	0.567	0.0940	ug/L		11/13/24 05:08	12/07/24 13:11	1
Hexachlorobenzene	<0.0967	U	0.567	0.0967	ug/L		11/13/24 05:08	12/07/24 13:11	1
Hexachlorobutadiene	<0.102	U	0.567	0.102	ug/L		11/13/24 05:08	12/07/24 13:11	1
Hexachlorocyclopentadiene	<0.0508	U	0.567	0.0508	ug/L		11/13/24 05:08	12/07/24 13:11	1
Hexachloroethane	<0.101	U	0.567	0.101	ug/L		11/13/24 05:08	12/07/24 13:11	1
Indeno[1,2,3-cd]pyrene	<0.0992	U	0.567	0.0992	ug/L		11/13/24 05:08	12/07/24 13:11	1
Isophorone	<0.106	U	0.567	0.106	ug/L		11/13/24 05:08	12/07/24 13:11	1
Naphthalene	<0.0936	U	0.567	0.0936	ug/L		11/13/24 05:08	12/07/24 13:11	1
Nitrobenzene	<0.0730	U	0.567	0.0730	ug/L		11/13/24 05:08	12/07/24 13:11	1
N-Nitrosodi-n-propylamine	<0.118	U	0.567	0.118	ug/L		11/13/24 05:08	12/07/24 13:11	1
N-Nitrosodiphenylamine	<0.143	U	0.567	0.143	ug/L		11/13/24 05:08	12/07/24 13:11	1
Pentachlorophenol	<1.03	U	1.13	1.03	ug/L		11/13/24 05:08	12/07/24 13:11	1
Phenanthrene	<0.133	U *+	0.567	0.133	ug/L		11/13/24 05:08	12/07/24 13:11	1
Phenol	<0.444	U	2.83	0.444	ug/L		11/13/24 05:08	12/07/24 13:11	1
Pyrene	<0.0841	U	0.567	0.0841	ug/L		11/13/24 05:08	12/07/24 13:11	1
Pyridine	<1.42	U *1	2.83	1.42	ug/L		11/13/24 05:08	12/07/24 13:11	1
N-Nitro-o-toluidine	<0.516	U *+	1.13	0.516	ug/L		11/13/24 05:08	12/07/24 13:11	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.567	0.209	ug/L		11/13/24 05:08	12/07/24 13:11	1
Acetophenone	<0.618	U *+	1.13	0.618	ug/L		11/13/24 05:08	12/07/24 13:11	1
N-Nitrosopiperidine	<0.463	U *+	1.13	0.463	ug/L		11/13/24 05:08	12/07/24 13:11	1
Pentachlorobenzene	<0.264	U	0.567	0.264	ug/L		11/13/24 05:08	12/07/24 13:11	1
Diphenyl ether	<0.0902	U	0.567	0.0902	ug/L		11/13/24 05:08	12/07/24 13:11	1
1,1'-Biphenyl	<0.0973	U	0.567	0.0973	ug/L		11/13/24 05:08	12/07/24 13:11	1
4-Aminobiphenyl	<0.391	U *+	0.567	0.391	ug/L		11/13/24 05:08	12/07/24 13:11	1
1,2,4,5-Tetrachlorobenzene	<0.0949	U	0.567	0.0949	ug/L		11/13/24 05:08	12/07/24 13:11	1
1,3,5-Trinitrobenzene	<0.118	U *+	0.567	0.118	ug/L		11/13/24 05:08	12/07/24 13:11	1
1,3-Dinitrobenzene	<0.0766	U *+	0.567	0.0766	ug/L		11/13/24 05:08	12/07/24 13:11	1
1,4-Naphthoquinone	<0.312	U *+	0.567	0.312	ug/L		11/13/24 05:08	12/07/24 13:11	1
1-Naphthylamine	<0.147	U	0.567	0.147	ug/L		11/13/24 05:08	12/07/24 13:11	1
2,6-Dichlorophenol	<0.117	U	0.567	0.117	ug/L		11/13/24 05:08	12/07/24 13:11	1
2-Acetylaminofluorene	<1.25	U *+	2.83	1.25	ug/L		11/13/24 05:08	12/07/24 13:11	1
2-Chlorophenol	<0.0750	U	0.567	0.0750	ug/L		11/13/24 05:08	12/07/24 13:11	1
2-Naphthylamine	<0.286	U *+	0.567	0.286	ug/L		11/13/24 05:08	12/07/24 13:11	1
2-Picoline	<0.122	U	0.567	0.122	ug/L		11/13/24 05:08	12/07/24 13:11	1

Client Sample ID: MW-32-D
Lab Sample ID: 860-86555-7
Date Collected: 11/06/24 13:15
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Toluidine	<0.303	U *+	0.567	0.303	ug/L		11/13/24 05:08	12/07/24 13:11	1
3,3'-Dichlorobenzidine	<0.182	U	0.567	0.182	ug/L		11/13/24 05:08	12/07/24 13:11	1
3,3'-Dimethylbenzidine	<0.141	U *+	0.567	0.141	ug/L		11/13/24 05:08	12/07/24 13:11	1
3-Methylcholanthrene	<0.103	U *+	0.567	0.103	ug/L		11/13/24 05:08	12/07/24 13:11	1
4-Nitroquinoline-1-oxide	<0.724	U	1.13	0.724	ug/L		11/13/24 05:08	12/07/24 13:11	1
7,12-Dimethylbenz(a)anthracene	<0.239	U *+	0.567	0.239	ug/L		11/13/24 05:08	12/07/24 13:11	1
alpha,alpha-Dimethyl phenethylamine	<3.64	U *- *1	5.67	3.64	ug/L		11/13/24 05:08	12/07/24 13:11	1
Aramite Peak 1	<0.0779	U *+	0.567	0.0779	ug/L		11/13/24 05:08	12/07/24 13:11	1
Aramite Peak 2	<0.0945	U *+	0.567	0.0945	ug/L		11/13/24 05:08	12/07/24 13:11	1
Aramite, Total	<0.0945	U	0.567	0.0945	ug/L		11/13/24 05:08	12/07/24 13:11	1
Diallate	<0.0828	U	0.567	0.0828	ug/L		11/13/24 05:08	12/07/24 13:11	1
Diallate Peak 1	<0.0828	U *+	0.567	0.0828	ug/L		11/13/24 05:08	12/07/24 13:11	1
Diallate Peak 2	<0.0382	U *+	0.567	0.0382	ug/L		11/13/24 05:08	12/07/24 13:11	1
Dimethoate	<0.121	U *+	0.567	0.121	ug/L		11/13/24 05:08	12/07/24 13:11	1
Dinoseb	<0.565	U *+	2.83	0.565	ug/L		11/13/24 05:08	12/07/24 13:11	1
Disulfoton	<0.201	U *+	0.567	0.201	ug/L		11/13/24 05:08	12/07/24 13:11	1
Ethyl methanesulfonate	<0.225	U	0.567	0.225	ug/L		11/13/24 05:08	12/07/24 13:11	1
Ethyl Parathion	<0.0498	U *+	0.227	0.0498	ug/L		11/13/24 05:08	12/07/24 13:11	1
Famphur	<0.149	U *+	1.13	0.149	ug/L		11/13/24 05:08	12/07/24 13:11	1
Hexachloropropene	<0.297	U *-	0.567	0.297	ug/L		11/13/24 05:08	12/07/24 13:11	1
Isosafrole	<0.239	U	0.567	0.239	ug/L		11/13/24 05:08	12/07/24 13:11	1
Isosafrole Peak 1	<0.0459	U	0.567	0.0459	ug/L		11/13/24 05:08	12/07/24 13:11	1
Isosafrole Peak 2	<0.239	U	0.567	0.239	ug/L		11/13/24 05:08	12/07/24 13:11	1
Methapyrilene	<0.991	U *+	2.27	0.991	ug/L		11/13/24 05:08	12/07/24 13:11	1
Methyl methanesulfonate	<0.119	U	0.567	0.119	ug/L		11/13/24 05:08	12/07/24 13:11	1
Methyl parathion	<0.317	U *+	0.567	0.317	ug/L		11/13/24 05:08	12/07/24 13:11	1
N-Nitrosodiethylamine	<0.534	U *+	1.13	0.534	ug/L		11/13/24 05:08	12/07/24 13:11	1
N-Nitrosodimethylamine	<0.0992	U	0.567	0.0992	ug/L		11/13/24 05:08	12/07/24 13:11	1
N-Nitrosodi-n-butylamine	<0.511	U *+	1.13	0.511	ug/L		11/13/24 05:08	12/07/24 13:11	1
N-Nitrosomethylethylamine	<0.291	U	0.567	0.291	ug/L		11/13/24 05:08	12/07/24 13:11	1
N-Nitrosomorpholine	<0.218	U	0.567	0.218	ug/L		11/13/24 05:08	12/07/24 13:11	1
N-Nitrosopyrrolidine	<0.265	U	0.567	0.265	ug/L		11/13/24 05:08	12/07/24 13:11	1
o,o',o''-Triethylphosphorothioate	<0.137	U *+	0.567	0.137	ug/L		11/13/24 05:08	12/07/24 13:11	1
p-Dimethylamino azobenzene	<0.0236	U *+	0.567	0.0236	ug/L		11/13/24 05:08	12/07/24 13:11	1
Pentachloronitrobenzene	<0.0992	U *+	0.567	0.0992	ug/L		11/13/24 05:08	12/07/24 13:11	1
Phenacetin	<0.0992	U *+	0.567	0.0992	ug/L		11/13/24 05:08	12/07/24 13:11	1
Phorate	<0.219	U *+	0.567	0.219	ug/L		11/13/24 05:08	12/07/24 13:11	1
p-Phenylene diamine	<0.496	U	1.13	0.496	ug/L		11/13/24 05:08	12/07/24 13:11	1
Pronamide	<0.0992	U *+	0.567	0.0992	ug/L		11/13/24 05:08	12/07/24 13:11	1
Safrole, Total	<0.0566	U	0.567	0.0566	ug/L		11/13/24 05:08	12/07/24 13:11	1
Sulfotepp	<0.145	U *+	0.567	0.145	ug/L		11/13/24 05:08	12/07/24 13:11	1
Thionazin	<0.206	U *+	1.13	0.206	ug/L		11/13/24 05:08	12/07/24 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*119*		*35 - 130*	*11/13/24 05:08*	*12/07/24 13:11*	*1*
2-Fluorobiphenyl	*119*		*43 - 130*	*11/13/24 05:08*	*12/07/24 13:11*	*1*
2-Fluorophenol (Surr)	*77*		*19 - 120*	*11/13/24 05:08*	*12/07/24 13:11*	*1*
Nitrobenzene-d5 (Surr)	*139*	*S1+*	*37 - 133*	*11/13/24 05:08*	*12/07/24 13:11*	*1*
Phenol-d5 (Surr)	*46*		*8 - 124*	*11/13/24 05:08*	*12/07/24 13:11*	*1*
p-Terphenyl-d14	*138*	*S1+*	*47 - 130*	*11/13/24 05:08*	*12/07/24 13:11*	*1*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

Client Sample ID: MW-27-S

Date Collected: 11/06/24 13:29
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-8

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 00:14	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 00:14	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 00:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/12/24 00:14	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 00:14	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 00:14	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 00:14	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 00:14	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 00:14	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 00:14	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 00:14	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 00:14	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 00:14	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 00:14	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 00:14	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/12/24 00:14	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 00:14	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 00:14	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/12/24 00:14	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 00:14	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 00:14	1
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 00:14	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 00:14	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 00:14	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 00:14	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 00:14	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/12/24 00:14	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 00:14	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 00:14	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/12/24 00:14	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 00:14	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 00:14	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 00:14	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 00:14	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 00:14	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 00:14	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 00:14	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 00:14	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 00:14	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 00:14	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/12/24 00:14	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 00:14	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 00:14	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 00:14	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 00:14	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/12/24 00:14	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/12/24 00:14	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 00:14	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/12/24 00:14	1

Client Sample ID: MW-27-S
Date Collected: 11/06/24 13:29
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 00:14	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 00:14	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 00:14	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/12/24 00:14	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 00:14	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 00:14	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 00:14	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 00:14	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 00:14	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 00:14	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 00:14	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 00:14	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 00:14	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 00:14	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 00:14	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 00:14	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 00:14	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 00:14	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 00:14	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 00:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*11/12/24 00:14*	*1*
4-Bromofluorobenzene (Surr)	*90*		*74 - 124*		*11/12/24 00:14*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*11/12/24 00:14*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/12/24 00:14*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0759	U	0.566	0.0759	ug/L		11/13/24 05:08	12/07/24 13:41	1
1,2-Dichlorobenzene	<0.0931	U	0.566	0.0931	ug/L		11/13/24 05:08	12/07/24 13:41	1
1,3-Dichlorobenzene	<0.101	U	0.566	0.101	ug/L		11/13/24 05:08	12/07/24 13:41	1
1,4-Dichlorobenzene	<0.0771	U	0.566	0.0771	ug/L		11/13/24 05:08	12/07/24 13:41	1
2,2'-oxybis[1-chloropropane]	<1.41	U	2.83	1.41	ug/L		11/13/24 05:08	12/07/24 13:41	1
2,4,5-Trichlorophenol	<0.142	U *+	0.566	0.142	ug/L		11/13/24 05:08	12/07/24 13:41	1
2,4,6-Trichlorophenol	<0.228	U	0.566	0.228	ug/L		11/13/24 05:08	12/07/24 13:41	1
2,4-Dichlorophenol	<0.139	U	0.566	0.139	ug/L		11/13/24 05:08	12/07/24 13:41	1
2,4-Dimethylphenol	<0.190	U *+	0.566	0.190	ug/L		11/13/24 05:08	12/07/24 13:41	1
1,4-Dioxane	<0.0881	U	0.566	0.0881	ug/L		11/13/24 05:08	12/07/24 13:41	1
2,4-Dinitrophenol	<0.103	U	2.83	0.103	ug/L		11/13/24 05:08	12/07/24 13:41	1
2,4-Dinitrotoluene	<0.203	U *+	0.566	0.203	ug/L		11/13/24 05:08	12/07/24 13:41	1
2,6-Dinitrotoluene	<0.115	U	0.566	0.115	ug/L		11/13/24 05:08	12/07/24 13:41	1
2-Chloronaphthalene	<0.374	U	0.566	0.374	ug/L		11/13/24 05:08	12/07/24 13:41	1
2-Methylnaphthalene	<0.0597	U	0.566	0.0597	ug/L		11/13/24 05:08	12/07/24 13:41	1
2-Methylphenol	<0.104	U	0.566	0.104	ug/L		11/13/24 05:08	12/07/24 13:41	1
2-Nitroaniline	<0.147	U *+	0.566	0.147	ug/L		11/13/24 05:08	12/07/24 13:41	1
2-Nitrophenol	<0.135	U	0.566	0.135	ug/L		11/13/24 05:08	12/07/24 13:41	1
3 & 4 Methylphenol	<0.138	U	0.566	0.138	ug/L		11/13/24 05:08	12/07/24 13:41	1
3-Nitroaniline	<0.0844	U	0.566	0.0844	ug/L		11/13/24 05:08	12/07/24 13:41	1
4,6-Dinitro-2-methylphenol	<0.199	U	1.13	0.199	ug/L		11/13/24 05:08	12/07/24 13:41	1

Client Sample ID: MW-27-S
Lab Sample ID: 860-86555-8
Date Collected: 11/06/24 13:29
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	<0.0993	U *+	0.566	0.0993	ug/L		11/13/24 05:08	12/07/24 13:41	1
4-Chloro-3-methylphenol	<0.103	U *+	0.566	0.103	ug/L		11/13/24 05:08	12/07/24 13:41	1
4-Chloroaniline	<0.0382	U	0.566	0.0382	ug/L		11/13/24 05:08	12/07/24 13:41	1
4-Chlorophenyl phenyl ether	<0.129	U	0.566	0.129	ug/L		11/13/24 05:08	12/07/24 13:41	1
4-Nitroaniline	<0.108	U	0.566	0.108	ug/L		11/13/24 05:08	12/07/24 13:41	1
Acenaphthene	<0.106	U	0.566	0.106	ug/L		11/13/24 05:08	12/07/24 13:41	1
Acenaphthylene	<0.0987	U *+	0.566	0.0987	ug/L		11/13/24 05:08	12/07/24 13:41	1
Aniline	<0.0574	U	0.566	0.0574	ug/L		11/13/24 05:08	12/07/24 13:41	1
Anthracene	<0.0929	U	0.566	0.0929	ug/L		11/13/24 05:08	12/07/24 13:41	1
Benzo[a]anthracene	<0.0283	U *+	0.0283	0.0283	ug/L		11/13/24 05:08	12/07/24 13:41	1
Benzo[a]pyrene	<0.0297	U	0.0566	0.0297	ug/L		11/13/24 05:08	12/07/24 13:41	1
Benzo[b]fluoranthene	<0.0657	U	0.566	0.0657	ug/L		11/13/24 05:08	12/07/24 13:41	1
Benzo[g,h,i]perylene	<0.0342	U	0.566	0.0342	ug/L		11/13/24 05:08	12/07/24 13:41	1
Benzo[k]fluoranthene	<0.0468	U	0.566	0.0468	ug/L		11/13/24 05:08	12/07/24 13:41	1
Benzyl alcohol	<0.594	U	1.13	0.594	ug/L		11/13/24 05:08	12/07/24 13:41	1
Bis(2-chloroethoxy)methane	<0.0965	U	0.566	0.0965	ug/L		11/13/24 05:08	12/07/24 13:41	1
Bis(2-chloroethyl)ether	<0.212	U	0.566	0.212	ug/L		11/13/24 05:08	12/07/24 13:41	1
Bis(2-ethylhexyl) phthalate	<0.891	U *+	1.13	0.891	ug/L		11/13/24 05:08	12/07/24 13:41	1
Butyl benzyl phthalate	<0.495	U *+	1.13	0.495	ug/L		11/13/24 05:08	12/07/24 13:41	1
Chrysene	<0.0807	U	0.566	0.0807	ug/L		11/13/24 05:08	12/07/24 13:41	1
Dibenz(a,h)anthracene	<0.0504	U	0.113	0.0504	ug/L		11/13/24 05:08	12/07/24 13:41	1
Dibenzofuran	<0.105	U	0.566	0.105	ug/L		11/13/24 05:08	12/07/24 13:41	1
Diethyl phthalate	<0.153	U *+	1.13	0.153	ug/L		11/13/24 05:08	12/07/24 13:41	1
Dimethyl phthalate	<0.107	U *+	1.13	0.107	ug/L		11/13/24 05:08	12/07/24 13:41	1
Di-n-butyl phthalate	<0.757	U *+	1.13	0.757	ug/L		11/13/24 05:08	12/07/24 13:41	1
Di-n-octyl phthalate	<0.266	U	1.13	0.266	ug/L		11/13/24 05:08	12/07/24 13:41	1
Fluoranthene	<0.0874	U	0.566	0.0874	ug/L		11/13/24 05:08	12/07/24 13:41	1
Fluorene	<0.0939	U	0.566	0.0939	ug/L		11/13/24 05:08	12/07/24 13:41	1
Hexachlorobenzene	<0.0965	U	0.566	0.0965	ug/L		11/13/24 05:08	12/07/24 13:41	1
Hexachlorobutadiene	<0.102	U	0.566	0.102	ug/L		11/13/24 05:08	12/07/24 13:41	1
Hexachlorocyclopentadiene	<0.0507	U	0.566	0.0507	ug/L		11/13/24 05:08	12/07/24 13:41	1
Hexachloroethane	<0.101	U	0.566	0.101	ug/L		11/13/24 05:08	12/07/24 13:41	1
Indeno[1,2,3-cd]pyrene	<0.0990	U	0.566	0.0990	ug/L		11/13/24 05:08	12/07/24 13:41	1
Isophorone	<0.105	U	0.566	0.105	ug/L		11/13/24 05:08	12/07/24 13:41	1
Naphthalene	<0.0935	U	0.566	0.0935	ug/L		11/13/24 05:08	12/07/24 13:41	1
Nitrobenzene	<0.0729	U	0.566	0.0729	ug/L		11/13/24 05:08	12/07/24 13:41	1
N-Nitrosodi-n-propylamine	<0.117	U	0.566	0.117	ug/L		11/13/24 05:08	12/07/24 13:41	1
N-Nitrosodiphenylamine	<0.143	U	0.566	0.143	ug/L		11/13/24 05:08	12/07/24 13:41	1
Pentachlorophenol	<1.03	U	1.13	1.03	ug/L		11/13/24 05:08	12/07/24 13:41	1
Phenanthrene	<0.133	U *+	0.566	0.133	ug/L		11/13/24 05:08	12/07/24 13:41	1
Phenol	<0.444	U	2.83	0.444	ug/L		11/13/24 05:08	12/07/24 13:41	1
Pyrene	<0.0840	U	0.566	0.0840	ug/L		11/13/24 05:08	12/07/24 13:41	1
Pyridine	<1.42	U *1	2.83	1.42	ug/L		11/13/24 05:08	12/07/24 13:41	1
N-Nitro-o-toluidine	<0.515	U *+	1.13	0.515	ug/L		11/13/24 05:08	12/07/24 13:41	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.566	0.209	ug/L		11/13/24 05:08	12/07/24 13:41	1
Acetophenone	<0.618	U *+	1.13	0.618	ug/L		11/13/24 05:08	12/07/24 13:41	1
N-Nitrosopiperidine	<0.463	U *+	1.13	0.463	ug/L		11/13/24 05:08	12/07/24 13:41	1
Pentachlorobenzene	<0.263	U	0.566	0.263	ug/L		11/13/24 05:08	12/07/24 13:41	1
Diphenyl ether	<0.0901	U	0.566	0.0901	ug/L		11/13/24 05:08	12/07/24 13:41	1

Client Sample ID: MW-27-S
Lab Sample ID: 860-86555-8
Date Collected: 11/06/24 13:29
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.0972	U	0.566	0.0972	ug/L		11/13/24 05:08	12/07/24 13:41	1
4-Aminobiphenyl	<0.390	U *+	0.566	0.390	ug/L		11/13/24 05:08	12/07/24 13:41	1
1,2,4,5-Tetrachlorobenzene	<0.0948	U	0.566	0.0948	ug/L		11/13/24 05:08	12/07/24 13:41	1
1,3,5-Trinitrobenzene	<0.118	U *+	0.566	0.118	ug/L		11/13/24 05:08	12/07/24 13:41	1
1,3-Dinitrobenzene	<0.0765	U *+	0.566	0.0765	ug/L		11/13/24 05:08	12/07/24 13:41	1
1,4-Naphthoquinone	<0.311	U *+	0.566	0.311	ug/L		11/13/24 05:08	12/07/24 13:41	1
1-Naphthylamine	<0.147	U	0.566	0.147	ug/L		11/13/24 05:08	12/07/24 13:41	1
2,6-Dichlorophenol	<0.117	U	0.566	0.117	ug/L		11/13/24 05:08	12/07/24 13:41	1
2-Acetylaminofluorene	<1.25	U *+	2.83	1.25	ug/L		11/13/24 05:08	12/07/24 13:41	1
2-Chlorophenol	<0.0749	U	0.566	0.0749	ug/L		11/13/24 05:08	12/07/24 13:41	1
2-Naphthylamine	<0.285	U *+	0.566	0.285	ug/L		11/13/24 05:08	12/07/24 13:41	1
2-Picoline	<0.121	U	0.566	0.121	ug/L		11/13/24 05:08	12/07/24 13:41	1
2-Toluidine	<0.303	U *+	0.566	0.303	ug/L		11/13/24 05:08	12/07/24 13:41	1
3,3'-Dichlorobenzidine	<0.181	U	0.566	0.181	ug/L		11/13/24 05:08	12/07/24 13:41	1
3,3'-Dimethylbenzidine	<0.140	U *+	0.566	0.140	ug/L		11/13/24 05:08	12/07/24 13:41	1
3-Methylcholanthrene	<0.103	U *+	0.566	0.103	ug/L		11/13/24 05:08	12/07/24 13:41	1
4-Nitroquinoline-1-oxide	<0.723	U	1.13	0.723	ug/L		11/13/24 05:08	12/07/24 13:41	1
7,12-Dimethylbenz(a)anthracene	<0.239	U *+	0.566	0.239	ug/L		11/13/24 05:08	12/07/24 13:41	1
alpha,alpha-Dimethyl phenethylamine	<3.63	U *- *1	5.66	3.63	ug/L		11/13/24 05:08	12/07/24 13:41	1
Aramite Peak 1	<0.0777	U *+	0.566	0.0777	ug/L		11/13/24 05:08	12/07/24 13:41	1
Aramite Peak 2	<0.0944	U *+	0.566	0.0944	ug/L		11/13/24 05:08	12/07/24 13:41	1
Aramite, Total	<0.0944	U	0.566	0.0944	ug/L		11/13/24 05:08	12/07/24 13:41	1
Diallate	<0.0827	U	0.566	0.0827	ug/L		11/13/24 05:08	12/07/24 13:41	1
Diallate Peak 1	<0.0827	U *+	0.566	0.0827	ug/L		11/13/24 05:08	12/07/24 13:41	1
Diallate Peak 2	<0.0381	U *+	0.566	0.0381	ug/L		11/13/24 05:08	12/07/24 13:41	1
Dimethoate	<0.120	U *+	0.566	0.120	ug/L		11/13/24 05:08	12/07/24 13:41	1
Dinoseb	<0.564	U *+	2.83	0.564	ug/L		11/13/24 05:08	12/07/24 13:41	1
Disulfoton	<0.201	U *+	0.566	0.201	ug/L		11/13/24 05:08	12/07/24 13:41	1
Ethyl methanesulfonate	<0.224	U	0.566	0.224	ug/L		11/13/24 05:08	12/07/24 13:41	1
Ethyl Parathion	<0.0497	U *+	0.226	0.0497	ug/L		11/13/24 05:08	12/07/24 13:41	1
Famphur	<0.149	U *+	1.13	0.149	ug/L		11/13/24 05:08	12/07/24 13:41	1
Hexachloropropene	<0.297	U *-	0.566	0.297	ug/L		11/13/24 05:08	12/07/24 13:41	1
Isosafrole	<0.238	U	0.566	0.238	ug/L		11/13/24 05:08	12/07/24 13:41	1
Isosafrole Peak 1	<0.0459	U	0.566	0.0459	ug/L		11/13/24 05:08	12/07/24 13:41	1
Isosafrole Peak 2	<0.238	U	0.566	0.238	ug/L		11/13/24 05:08	12/07/24 13:41	1
Methapyrilene	<0.990	U *+	2.26	0.990	ug/L		11/13/24 05:08	12/07/24 13:41	1
Methyl methanesulfonate	<0.119	U	0.566	0.119	ug/L		11/13/24 05:08	12/07/24 13:41	1
Methyl parathion	<0.316	U *+	0.566	0.316	ug/L		11/13/24 05:08	12/07/24 13:41	1
N-Nitrosodiethylamine	<0.533	U *+	1.13	0.533	ug/L		11/13/24 05:08	12/07/24 13:41	1
N-Nitrosodimethylamine	<0.0990	U	0.566	0.0990	ug/L		11/13/24 05:08	12/07/24 13:41	1
N-Nitrosodi-n-butylamine	<0.510	U *+	1.13	0.510	ug/L		11/13/24 05:08	12/07/24 13:41	1
N-Nitrosomethylethylamine	<0.291	U	0.566	0.291	ug/L		11/13/24 05:08	12/07/24 13:41	1
N-Nitrosomorpholine	<0.218	U	0.566	0.218	ug/L		11/13/24 05:08	12/07/24 13:41	1
N-Nitrosopyrrolidine	<0.265	U	0.566	0.265	ug/L		11/13/24 05:08	12/07/24 13:41	1
o,o',o''-Triethylphosphorothioate	<0.137	U *+	0.566	0.137	ug/L		11/13/24 05:08	12/07/24 13:41	1
p-Dimethylamino azobenzene	<0.0235	U *+	0.566	0.0235	ug/L		11/13/24 05:08	12/07/24 13:41	1
Pentachloronitrobenzene	<0.0990	U *+	0.566	0.0990	ug/L		11/13/24 05:08	12/07/24 13:41	1
Phenacetin	<0.0990	U *+	0.566	0.0990	ug/L		11/13/24 05:08	12/07/24 13:41	1
Phorate	<0.219	U *+	0.566	0.219	ug/L		11/13/24 05:08	12/07/24 13:41	1

Client Sample ID: MW-27-S

Date Collected: 11/06/24 13:29
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-8
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Phenylene diamine	<0.495	U	1.13	0.495	ug/L		11/13/24 05:08	12/07/24 13:41	1
Pronamide	<0.0990	U *+	0.566	0.0990	ug/L		11/13/24 05:08	12/07/24 13:41	1
Safrole, Total	<0.0565	U	0.566	0.0565	ug/L		11/13/24 05:08	12/07/24 13:41	1
Sulfotepp	<0.145	U *+	0.566	0.145	ug/L		11/13/24 05:08	12/07/24 13:41	1
Thionazin	<0.206	U *+	1.13	0.206	ug/L		11/13/24 05:08	12/07/24 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*118*		*35 - 130*	*11/13/24 05:08*	*12/07/24 13:41*	*1*
2-Fluorobiphenyl	*110*		*43 - 130*	*11/13/24 05:08*	*12/07/24 13:41*	*1*
2-Fluorophenol (Surr)	*85*		*19 - 120*	*11/13/24 05:08*	*12/07/24 13:41*	*1*
Nitrobenzene-d5 (Surr)	*133*		*37 - 133*	*11/13/24 05:08*	*12/07/24 13:41*	*1*
Phenol-d5 (Surr)	*48*		*8 - 124*	*11/13/24 05:08*	*12/07/24 13:41*	*1*
p-Terphenyl-d14	*127*		*47 - 130*	*11/13/24 05:08*	*12/07/24 13:41*	*1*

Client Sample ID: MW-27-D

Date Collected: 11/06/24 14:08
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 00:35	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 00:35	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 00:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/12/24 00:35	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 00:35	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 00:35	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 00:35	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 00:35	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 00:35	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 00:35	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 00:35	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 00:35	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 00:35	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 00:35	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 00:35	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/12/24 00:35	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 00:35	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 00:35	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/12/24 00:35	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 00:35	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 00:35	1
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 00:35	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 00:35	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 00:35	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 00:35	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 00:35	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/12/24 00:35	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 00:35	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 00:35	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/12/24 00:35	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

Client Sample ID: MW-27-D
Date Collected: 11/06/24 14:08
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 00:35	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 00:35	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 00:35	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 00:35	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 00:35	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 00:35	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 00:35	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 00:35	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 00:35	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 00:35	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/12/24 00:35	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 00:35	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 00:35	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 00:35	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 00:35	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/12/24 00:35	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/12/24 00:35	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 00:35	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/12/24 00:35	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 00:35	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 00:35	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 00:35	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/12/24 00:35	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 00:35	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 00:35	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 00:35	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 00:35	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 00:35	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 00:35	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 00:35	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 00:35	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 00:35	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 00:35	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 00:35	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 00:35	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 00:35	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 00:35	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 00:35	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 00:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*11/12/24 00:35*	*1*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*		*11/12/24 00:35*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*11/12/24 00:35*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/12/24 00:35*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0762	U	0.568	0.0762	ug/L		11/13/24 05:08	12/07/24 14:11	1
1,2-Dichlorobenzene	<0.0935	U	0.568	0.0935	ug/L		11/13/24 05:08	12/07/24 14:11	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

Client Sample ID: MW-27-D
Date Collected: 11/06/24 14:08
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-9
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<0.101	U	0.568	0.101	ug/L		11/13/24 05:08	12/07/24 14:11	1
1,4-Dichlorobenzene	<0.0775	U	0.568	0.0775	ug/L		11/13/24 05:08	12/07/24 14:11	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.84	1.42	ug/L		11/13/24 05:08	12/07/24 14:11	1
2,4,5-Trichlorophenol	<0.142	U *+	0.568	0.142	ug/L		11/13/24 05:08	12/07/24 14:11	1
2,4,6-Trichlorophenol	<0.229	U	0.568	0.229	ug/L		11/13/24 05:08	12/07/24 14:11	1
2,4-Dichlorophenol	<0.139	U	0.568	0.139	ug/L		11/13/24 05:08	12/07/24 14:11	1
2,4-Dimethylphenol	<0.191	U *+	0.568	0.191	ug/L		11/13/24 05:08	12/07/24 14:11	1
1,4-Dioxane	<0.0885	U	0.568	0.0885	ug/L		11/13/24 05:08	12/07/24 14:11	1
2,4-Dinitrophenol	<0.104	U	2.84	0.104	ug/L		11/13/24 05:08	12/07/24 14:11	1
2,4-Dinitrotoluene	<0.203	U *+	0.568	0.203	ug/L		11/13/24 05:08	12/07/24 14:11	1
2,6-Dinitrotoluene	<0.116	U	0.568	0.116	ug/L		11/13/24 05:08	12/07/24 14:11	1
2-Chloronaphthalene	<0.376	U	0.568	0.376	ug/L		11/13/24 05:08	12/07/24 14:11	1
2-Methylnaphthalene	<0.0599	U	0.568	0.0599	ug/L		11/13/24 05:08	12/07/24 14:11	1
2-Methylphenol	<0.104	U	0.568	0.104	ug/L		11/13/24 05:08	12/07/24 14:11	1
2-Nitroaniline	<0.148	U *+	0.568	0.148	ug/L		11/13/24 05:08	12/07/24 14:11	1
2-Nitrophenol	<0.135	U	0.568	0.135	ug/L		11/13/24 05:08	12/07/24 14:11	1
3 & 4 Methylphenol	<0.138	U	0.568	0.138	ug/L		11/13/24 05:08	12/07/24 14:11	1
3-Nitroaniline	<0.0848	U	0.568	0.0848	ug/L		11/13/24 05:08	12/07/24 14:11	1
4,6-Dinitro-2-methylphenol	<0.200	U	1.14	0.200	ug/L		11/13/24 05:08	12/07/24 14:11	1
4-Bromophenyl phenyl ether	<0.0997	U *+	0.568	0.0997	ug/L		11/13/24 05:08	12/07/24 14:11	1
4-Chloro-3-methylphenol	<0.103	U *+	0.568	0.103	ug/L		11/13/24 05:08	12/07/24 14:11	1
4-Chloroaniline	<0.0383	U	0.568	0.0383	ug/L		11/13/24 05:08	12/07/24 14:11	1
4-Chlorophenyl phenyl ether	<0.130	U	0.568	0.130	ug/L		11/13/24 05:08	12/07/24 14:11	1
4-Nitroaniline	<0.108	U	0.568	0.108	ug/L		11/13/24 05:08	12/07/24 14:11	1
Acenaphthene	<0.107	U	0.568	0.107	ug/L		11/13/24 05:08	12/07/24 14:11	1
Acenaphthylene	<0.0991	U *+	0.568	0.0991	ug/L		11/13/24 05:08	12/07/24 14:11	1
Aniline	<0.0576	U	0.568	0.0576	ug/L		11/13/24 05:08	12/07/24 14:11	1
Anthracene	<0.0933	U	0.568	0.0933	ug/L		11/13/24 05:08	12/07/24 14:11	1
Benzo[a]anthracene	<0.0284	U *+	0.0284	0.0284	ug/L		11/13/24 05:08	12/07/24 14:11	1
Benzo[a]pyrene	<0.0298	U	0.0568	0.0298	ug/L		11/13/24 05:08	12/07/24 14:11	1
Benzo[b]fluoranthene	<0.0660	U	0.568	0.0660	ug/L		11/13/24 05:08	12/07/24 14:11	1
Benzo[g,h,i]perylene	<0.0343	U	0.568	0.0343	ug/L		11/13/24 05:08	12/07/24 14:11	1
Benzo[k]fluoranthene	<0.0470	U	0.568	0.0470	ug/L		11/13/24 05:08	12/07/24 14:11	1
Benzyl alcohol	<0.597	U	1.14	0.597	ug/L		11/13/24 05:08	12/07/24 14:11	1
Bis(2-chloroethoxy)methane	<0.0969	U	0.568	0.0969	ug/L		11/13/24 05:08	12/07/24 14:11	1
Bis(2-chloroethyl)ether	<0.213	U	0.568	0.213	ug/L		11/13/24 05:08	12/07/24 14:11	1
Bis(2-ethylhexyl) phthalate	<0.895	U *+	1.14	0.895	ug/L		11/13/24 05:08	12/07/24 14:11	1
Butyl benzyl phthalate	<0.497	U *+	1.14	0.497	ug/L		11/13/24 05:08	12/07/24 14:11	1
Chrysene	<0.0811	U	0.568	0.0811	ug/L		11/13/24 05:08	12/07/24 14:11	1
Dibenz(a,h)anthracene	<0.0506	U	0.114	0.0506	ug/L		11/13/24 05:08	12/07/24 14:11	1
Dibenzofuran	<0.106	U	0.568	0.106	ug/L		11/13/24 05:08	12/07/24 14:11	1
Diethyl phthalate	<0.154	U *+	1.14	0.154	ug/L		11/13/24 05:08	12/07/24 14:11	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/13/24 05:08	12/07/24 14:11	1
Di-n-butyl phthalate	<0.761	U *+	1.14	0.761	ug/L		11/13/24 05:08	12/07/24 14:11	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/13/24 05:08	12/07/24 14:11	1
Fluoranthene	<0.0878	U	0.568	0.0878	ug/L		11/13/24 05:08	12/07/24 14:11	1
Fluorene	<0.0943	U	0.568	0.0943	ug/L		11/13/24 05:08	12/07/24 14:11	1
Hexachlorobenzene	<0.0969	U	0.568	0.0969	ug/L		11/13/24 05:08	12/07/24 14:11	1
Hexachlorobutadiene	<0.102	U	0.568	0.102	ug/L		11/13/24 05:08	12/07/24 14:11	1

Client Sample ID: MW-27-D
Lab Sample ID: 860-86555-9
Date Collected: 11/06/24 14:08
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.0509	U	0.568	0.0509	ug/L		11/13/24 05:08	12/07/24 14:11	1
Hexachloroethane	<0.101	U	0.568	0.101	ug/L		11/13/24 05:08	12/07/24 14:11	1
Indeno[1,2,3-cd]pyrene	<0.0994	U	0.568	0.0994	ug/L		11/13/24 05:08	12/07/24 14:11	1
Isophorone	<0.106	U	0.568	0.106	ug/L		11/13/24 05:08	12/07/24 14:11	1
Naphthalene	<0.0939	U	0.568	0.0939	ug/L		11/13/24 05:08	12/07/24 14:11	1
Nitrobenzene	<0.0732	U	0.568	0.0732	ug/L		11/13/24 05:08	12/07/24 14:11	1
N-Nitrosodi-n-propylamine	<0.118	U	0.568	0.118	ug/L		11/13/24 05:08	12/07/24 14:11	1
N-Nitrosodiphenylamine	<0.144	U	0.568	0.144	ug/L		11/13/24 05:08	12/07/24 14:11	1
Pentachlorophenol	<1.03	U	1.14	1.03	ug/L		11/13/24 05:08	12/07/24 14:11	1
Phenanthrene	<0.133	U *+	0.568	0.133	ug/L		11/13/24 05:08	12/07/24 14:11	1
Phenol	<0.446	U	2.84	0.446	ug/L		11/13/24 05:08	12/07/24 14:11	1
Pyrene	<0.0844	U	0.568	0.0844	ug/L		11/13/24 05:08	12/07/24 14:11	1
Pyridine	<1.43	U *1	2.84	1.43	ug/L		11/13/24 05:08	12/07/24 14:11	1
N-Nitro-o-toluidine	<0.517	U *+	1.14	0.517	ug/L		11/13/24 05:08	12/07/24 14:11	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.568	0.209	ug/L		11/13/24 05:08	12/07/24 14:11	1
Acetophenone	<0.620	U *+	1.14	0.620	ug/L		11/13/24 05:08	12/07/24 14:11	1
N-Nitrosopiperidine	<0.465	U *+	1.14	0.465	ug/L		11/13/24 05:08	12/07/24 14:11	1
Pentachlorobenzene	<0.264	U	0.568	0.264	ug/L		11/13/24 05:08	12/07/24 14:11	1
Diphenyl ether	<0.0905	U	0.568	0.0905	ug/L		11/13/24 05:08	12/07/24 14:11	1
1,1'-Biphenyl	<0.0976	U	0.568	0.0976	ug/L		11/13/24 05:08	12/07/24 14:11	1
4-Aminobiphenyl	<0.392	U *+	0.568	0.392	ug/L		11/13/24 05:08	12/07/24 14:11	1
1,2,4,5-Tetrachlorobenzene	<0.0952	U	0.568	0.0952	ug/L		11/13/24 05:08	12/07/24 14:11	1
1,3,5-Trinitrobenzene	<0.118	U *+	0.568	0.118	ug/L		11/13/24 05:08	12/07/24 14:11	1
1,3-Dinitrobenzene	<0.0768	U *+	0.568	0.0768	ug/L		11/13/24 05:08	12/07/24 14:11	1
1,4-Naphthoquinone	<0.313	U *+	0.568	0.313	ug/L		11/13/24 05:08	12/07/24 14:11	1
1-Naphthylamine	<0.148	U	0.568	0.148	ug/L		11/13/24 05:08	12/07/24 14:11	1
2,6-Dichlorophenol	<0.117	U	0.568	0.117	ug/L		11/13/24 05:08	12/07/24 14:11	1
2-Acetylaminofluorene	<1.26	U *+	2.84	1.26	ug/L		11/13/24 05:08	12/07/24 14:11	1
2-Chlorophenol	<0.0752	U	0.568	0.0752	ug/L		11/13/24 05:08	12/07/24 14:11	1
2-Naphthylamine	<0.286	U *+	0.568	0.286	ug/L		11/13/24 05:08	12/07/24 14:11	1
2-Picoline	<0.122	U	0.568	0.122	ug/L		11/13/24 05:08	12/07/24 14:11	1
2-Toluidine	<0.304	U *+	0.568	0.304	ug/L		11/13/24 05:08	12/07/24 14:11	1
3,3'-Dichlorobenzidine	<0.182	U	0.568	0.182	ug/L		11/13/24 05:08	12/07/24 14:11	1
3,3'-Dimethylbenzidine	<0.141	U *+	0.568	0.141	ug/L		11/13/24 05:08	12/07/24 14:11	1
3-Methylcholanthrene	<0.104	U *+	0.568	0.104	ug/L		11/13/24 05:08	12/07/24 14:11	1
4-Nitroquinoline-1-oxide	<0.726	U	1.14	0.726	ug/L		11/13/24 05:08	12/07/24 14:11	1
7,12-Dimethylbenz(a)anthracene	<0.240	U *+	0.568	0.240	ug/L		11/13/24 05:08	12/07/24 14:11	1
alpha,alpha-Dimethyl phenethylamine	<3.65	U *- *1	5.68	3.65	ug/L		11/13/24 05:08	12/07/24 14:11	1
Aramite Peak 1	<0.0781	U *+	0.568	0.0781	ug/L		11/13/24 05:08	12/07/24 14:11	1
Aramite Peak 2	<0.0948	U *+	0.568	0.0948	ug/L		11/13/24 05:08	12/07/24 14:11	1
Aramite, Total	<0.0948	U	0.568	0.0948	ug/L		11/13/24 05:08	12/07/24 14:11	1
Diallate	<0.0830	U	0.568	0.0830	ug/L		11/13/24 05:08	12/07/24 14:11	1
Diallate Peak 1	<0.0830	U *+	0.568	0.0830	ug/L		11/13/24 05:08	12/07/24 14:11	1
Diallate Peak 2	<0.0383	U *+	0.568	0.0383	ug/L		11/13/24 05:08	12/07/24 14:11	1
Dimethoate	<0.121	U *+	0.568	0.121	ug/L		11/13/24 05:08	12/07/24 14:11	1
Dinoseb	<0.566	U *+	2.84	0.566	ug/L		11/13/24 05:08	12/07/24 14:11	1
Disulfoton	<0.202	U *+	0.568	0.202	ug/L		11/13/24 05:08	12/07/24 14:11	1
Ethyl methanesulfonate	<0.225	U	0.568	0.225	ug/L		11/13/24 05:08	12/07/24 14:11	1
Ethyl Parathion	<0.0499	U *+	0.227	0.0499	ug/L		11/13/24 05:08	12/07/24 14:11	1

Client Sample ID: MW-27-D
Lab Sample ID: 860-86555-9
Date Collected: 11/06/24 14:08
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/13/24 05:08	12/07/24 14:11	1
Hexachloropropene	<0.298	U *-	0.568	0.298	ug/L		11/13/24 05:08	12/07/24 14:11	1
Isosafrole	<0.239	U	0.568	0.239	ug/L		11/13/24 05:08	12/07/24 14:11	1
Isosafrole Peak 1	<0.0461	U	0.568	0.0461	ug/L		11/13/24 05:08	12/07/24 14:11	1
Isosafrole Peak 2	<0.239	U	0.568	0.239	ug/L		11/13/24 05:08	12/07/24 14:11	1
Methapyrilene	<0.994	U *+	2.27	0.994	ug/L		11/13/24 05:08	12/07/24 14:11	1
Methyl methanesulfonate	<0.119	U	0.568	0.119	ug/L		11/13/24 05:08	12/07/24 14:11	1
Methyl parathion	<0.318	U *+	0.568	0.318	ug/L		11/13/24 05:08	12/07/24 14:11	1
N-Nitrosodiethylamine	<0.535	U *+	1.14	0.535	ug/L		11/13/24 05:08	12/07/24 14:11	1
N-Nitrosodimethylamine	<0.0994	U	0.568	0.0994	ug/L		11/13/24 05:08	12/07/24 14:11	1
N-Nitrosodi-n-butylamine	<0.513	U *+	1.14	0.513	ug/L		11/13/24 05:08	12/07/24 14:11	1
N-Nitrosomethylethylamine	<0.292	U	0.568	0.292	ug/L		11/13/24 05:08	12/07/24 14:11	1
N-Nitrosomorpholine	<0.219	U	0.568	0.219	ug/L		11/13/24 05:08	12/07/24 14:11	1
N-Nitrosopyrrolidine	<0.266	U	0.568	0.266	ug/L		11/13/24 05:08	12/07/24 14:11	1
o,o',o''-Triethylphosphorothioate	<0.137	U *+	0.568	0.137	ug/L		11/13/24 05:08	12/07/24 14:11	1
p-Dimethylamino azobenzene	<0.0236	U *+	0.568	0.0236	ug/L		11/13/24 05:08	12/07/24 14:11	1
Pentachloronitrobenzene	<0.0994	U *+	0.568	0.0994	ug/L		11/13/24 05:08	12/07/24 14:11	1
Phenacetin	<0.0994	U *+	0.568	0.0994	ug/L		11/13/24 05:08	12/07/24 14:11	1
Phorate	<0.220	U *+	0.568	0.220	ug/L		11/13/24 05:08	12/07/24 14:11	1
p-Phenylene diamine	<0.497	U	1.14	0.497	ug/L		11/13/24 05:08	12/07/24 14:11	1
Pronamide	<0.0994	U *+	0.568	0.0994	ug/L		11/13/24 05:08	12/07/24 14:11	1
Safrole, Total	<0.0568	U	0.568	0.0568	ug/L		11/13/24 05:08	12/07/24 14:11	1
Sulfotepp	<0.146	U *+	0.568	0.146	ug/L		11/13/24 05:08	12/07/24 14:11	1
Thionazin	<0.207	U *+	1.14	0.207	ug/L		11/13/24 05:08	12/07/24 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*121*		*35 - 130*	*11/13/24 05:08*	*12/07/24 14:11*	*1*
2-Fluorobiphenyl	*122*		*43 - 130*	*11/13/24 05:08*	*12/07/24 14:11*	*1*
2-Fluorophenol (Surr)	*86*		*19 - 120*	*11/13/24 05:08*	*12/07/24 14:11*	*1*
Nitrobenzene-d5 (Surr)	*136*	*S1+*	*37 - 133*	*11/13/24 05:08*	*12/07/24 14:11*	*1*
Phenol-d5 (Surr)	*46*		*8 - 124*	*11/13/24 05:08*	*12/07/24 14:11*	*1*
p-Terphenyl-d14	*132*	*S1+*	*47 - 130*	*11/13/24 05:08*	*12/07/24 14:11*	*1*

Client Sample ID: RB-02
Lab Sample ID: 860-86555-10
Date Collected: 11/06/24 14:38
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 00:55	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 00:55	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 00:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/12/24 00:55	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 00:55	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 00:55	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 00:55	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 00:55	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 00:55	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 00:55	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 00:55	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

Client Sample ID: RB-02
Date Collected: 11/06/24 14:38
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 00:55	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 00:55	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 00:55	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 00:55	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/12/24 00:55	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 00:55	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 00:55	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/12/24 00:55	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 00:55	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 00:55	1
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 00:55	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 00:55	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 00:55	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 00:55	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 00:55	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/12/24 00:55	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 00:55	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 00:55	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/12/24 00:55	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 00:55	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 00:55	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 00:55	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 00:55	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 00:55	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 00:55	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 00:55	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 00:55	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 00:55	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 00:55	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/12/24 00:55	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 00:55	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 00:55	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 00:55	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 00:55	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/12/24 00:55	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/12/24 00:55	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 00:55	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/12/24 00:55	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 00:55	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 00:55	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 00:55	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/12/24 00:55	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 00:55	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 00:55	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 00:55	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 00:55	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 00:55	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 00:55	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 00:55	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

Client Sample ID: RB-02

Date Collected: 11/06/24 14:38
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-10

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 00:55	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 00:55	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 00:55	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 00:55	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 00:55	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 00:55	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 00:55	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 00:55	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*11/12/24 00:55*	*1*
4-Bromofluorobenzene (Surr)	*92*		*74 - 124*		*11/12/24 00:55*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*11/12/24 00:55*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/12/24 00:55*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0764	U	0.570	0.0764	ug/L		11/13/24 05:08	12/07/24 14:41	1
1,2-Dichlorobenzene	<0.0938	U	0.570	0.0938	ug/L		11/13/24 05:08	12/07/24 14:41	1
1,3-Dichlorobenzene	<0.101	U	0.570	0.101	ug/L		11/13/24 05:08	12/07/24 14:41	1
1,4-Dichlorobenzene	<0.0777	U	0.570	0.0777	ug/L		11/13/24 05:08	12/07/24 14:41	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.85	1.42	ug/L		11/13/24 05:08	12/07/24 14:41	1
2,4,5-Trichlorophenol	<0.143	U *+	0.570	0.143	ug/L		11/13/24 05:08	12/07/24 14:41	1
2,4,6-Trichlorophenol	<0.230	U	0.570	0.230	ug/L		11/13/24 05:08	12/07/24 14:41	1
2,4-Dichlorophenol	<0.140	U	0.570	0.140	ug/L		11/13/24 05:08	12/07/24 14:41	1
2,4-Dimethylphenol	<0.192	U *+	0.570	0.192	ug/L		11/13/24 05:08	12/07/24 14:41	1
1,4-Dioxane	<0.0887	U	0.570	0.0887	ug/L		11/13/24 05:08	12/07/24 14:41	1
2,4-Dinitrophenol	<0.104	U	2.85	0.104	ug/L		11/13/24 05:08	12/07/24 14:41	1
2,4-Dinitrotoluene	<0.204	U *+	0.570	0.204	ug/L		11/13/24 05:08	12/07/24 14:41	1
2,6-Dinitrotoluene	<0.116	U	0.570	0.116	ug/L		11/13/24 05:08	12/07/24 14:41	1
2-Chloronaphthalene	<0.377	U	0.570	0.377	ug/L		11/13/24 05:08	12/07/24 14:41	1
2-Methylnaphthalene	<0.0601	U	0.570	0.0601	ug/L		11/13/24 05:08	12/07/24 14:41	1
2-Methylphenol	<0.104	U	0.570	0.104	ug/L		11/13/24 05:08	12/07/24 14:41	1
2-Nitroaniline	<0.149	U *+	0.570	0.149	ug/L		11/13/24 05:08	12/07/24 14:41	1
2-Nitrophenol	<0.136	U	0.570	0.136	ug/L		11/13/24 05:08	12/07/24 14:41	1
3 & 4 Methylphenol	<0.138	U	0.570	0.138	ug/L		11/13/24 05:08	12/07/24 14:41	1
3-Nitroaniline	<0.0850	U	0.570	0.0850	ug/L		11/13/24 05:08	12/07/24 14:41	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/13/24 05:08	12/07/24 14:41	1
4-Bromophenyl phenyl ether	<0.100	U *+	0.570	0.100	ug/L		11/13/24 05:08	12/07/24 14:41	1
4-Chloro-3-methylphenol	<0.103	U *+	0.570	0.103	ug/L		11/13/24 05:08	12/07/24 14:41	1
4-Chloroaniline	<0.0384	U	0.570	0.0384	ug/L		11/13/24 05:08	12/07/24 14:41	1
4-Chlorophenyl phenyl ether	<0.130	U	0.570	0.130	ug/L		11/13/24 05:08	12/07/24 14:41	1
4-Nitroaniline	<0.108	U	0.570	0.108	ug/L		11/13/24 05:08	12/07/24 14:41	1
Acenaphthene	<0.107	U	0.570	0.107	ug/L		11/13/24 05:08	12/07/24 14:41	1
Acenaphthylene	<0.0994	U *+	0.570	0.0994	ug/L		11/13/24 05:08	12/07/24 14:41	1
Aniline	<0.0578	U	0.570	0.0578	ug/L		11/13/24 05:08	12/07/24 14:41	1
Anthracene	<0.0935	U	0.570	0.0935	ug/L		11/13/24 05:08	12/07/24 14:41	1
Benzo[a]anthracene	<0.0285	U *+	0.0285	0.0285	ug/L		11/13/24 05:08	12/07/24 14:41	1
Benzo[a]pyrene	<0.0299	U	0.0570	0.0299	ug/L		11/13/24 05:08	12/07/24 14:41	1

Client Sample ID: RB-02
Lab Sample ID: 860-86555-10
Date Collected: 11/06/24 14:38
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<0.0662	U	0.570	0.0662	ug/L		11/13/24 05:08	12/07/24 14:41	1
Benzo[g,h,i]perylene	<0.0344	U	0.570	0.0344	ug/L		11/13/24 05:08	12/07/24 14:41	1
Benzo[k]fluoranthene	<0.0471	U	0.570	0.0471	ug/L		11/13/24 05:08	12/07/24 14:41	1
Benzyl alcohol	<0.598	U	1.14	0.598	ug/L		11/13/24 05:08	12/07/24 14:41	1
Bis(2-chloroethoxy)methane	<0.0972	U	0.570	0.0972	ug/L		11/13/24 05:08	12/07/24 14:41	1
Bis(2-chloroethyl)ether	<0.214	U	0.570	0.214	ug/L		11/13/24 05:08	12/07/24 14:41	1
Bis(2-ethylhexyl) phthalate	<0.897	U *+	1.14	0.897	ug/L		11/13/24 05:08	12/07/24 14:41	1
Butyl benzyl phthalate	<0.499	U *+	1.14	0.499	ug/L		11/13/24 05:08	12/07/24 14:41	1
Chrysene	<0.0813	U	0.570	0.0813	ug/L		11/13/24 05:08	12/07/24 14:41	1
Dibenz(a,h)anthracene	<0.0507	U	0.114	0.0507	ug/L		11/13/24 05:08	12/07/24 14:41	1
Dibenzofuran	<0.106	U	0.570	0.106	ug/L		11/13/24 05:08	12/07/24 14:41	1
Diethyl phthalate	<0.154	U *+	1.14	0.154	ug/L		11/13/24 05:08	12/07/24 14:41	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/13/24 05:08	12/07/24 14:41	1
Di-n-butyl phthalate	<0.763	U *+	1.14	0.763	ug/L		11/13/24 05:08	12/07/24 14:41	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/13/24 05:08	12/07/24 14:41	1
Fluoranthene	<0.0881	U	0.570	0.0881	ug/L		11/13/24 05:08	12/07/24 14:41	1
Fluorene	<0.0945	U	0.570	0.0945	ug/L		11/13/24 05:08	12/07/24 14:41	1
Hexachlorobenzene	<0.0972	U	0.570	0.0972	ug/L		11/13/24 05:08	12/07/24 14:41	1
Hexachlorobutadiene	<0.102	U	0.570	0.102	ug/L		11/13/24 05:08	12/07/24 14:41	1
Hexachlorocyclopentadiene	<0.0511	U	0.570	0.0511	ug/L		11/13/24 05:08	12/07/24 14:41	1
Hexachloroethane	<0.102	U	0.570	0.102	ug/L		11/13/24 05:08	12/07/24 14:41	1
Indeno[1,2,3-cd]pyrene	<0.0997	U	0.570	0.0997	ug/L		11/13/24 05:08	12/07/24 14:41	1
Isophorone	<0.106	U	0.570	0.106	ug/L		11/13/24 05:08	12/07/24 14:41	1
Naphthalene	<0.0942	U	0.570	0.0942	ug/L		11/13/24 05:08	12/07/24 14:41	1
Nitrobenzene	<0.0734	U	0.570	0.0734	ug/L		11/13/24 05:08	12/07/24 14:41	1
N-Nitrosodi-n-propylamine	<0.118	U	0.570	0.118	ug/L		11/13/24 05:08	12/07/24 14:41	1
N-Nitrosodiphenylamine	<0.144	U	0.570	0.144	ug/L		11/13/24 05:08	12/07/24 14:41	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/13/24 05:08	12/07/24 14:41	1
Phenanthrene	<0.134	U *+	0.570	0.134	ug/L		11/13/24 05:08	12/07/24 14:41	1
Phenol	<0.447	U	2.85	0.447	ug/L		11/13/24 05:08	12/07/24 14:41	1
Pyrene	<0.0846	U	0.570	0.0846	ug/L		11/13/24 05:08	12/07/24 14:41	1
Pyridine	<1.43	U *1	2.85	1.43	ug/L		11/13/24 05:08	12/07/24 14:41	1
N-Nitro-o-toluidine	<0.519	U *+	1.14	0.519	ug/L		11/13/24 05:08	12/07/24 14:41	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.570	0.210	ug/L		11/13/24 05:08	12/07/24 14:41	1
Acetophenone	<0.622	U *+	1.14	0.622	ug/L		11/13/24 05:08	12/07/24 14:41	1
N-Nitrosopiperidine	<0.466	U *+	1.14	0.466	ug/L		11/13/24 05:08	12/07/24 14:41	1
Pentachlorobenzene	<0.265	U	0.570	0.265	ug/L		11/13/24 05:08	12/07/24 14:41	1
Diphenyl ether	<0.0907	U	0.570	0.0907	ug/L		11/13/24 05:08	12/07/24 14:41	1
1,1'-Biphenyl	<0.0979	U	0.570	0.0979	ug/L		11/13/24 05:08	12/07/24 14:41	1
4-Aminobiphenyl	<0.393	U *+	0.570	0.393	ug/L		11/13/24 05:08	12/07/24 14:41	1
1,2,4,5-Tetrachlorobenzene	<0.0955	U	0.570	0.0955	ug/L		11/13/24 05:08	12/07/24 14:41	1
1,3,5-Trinitrobenzene	<0.118	U *+	0.570	0.118	ug/L		11/13/24 05:08	12/07/24 14:41	1
1,3-Dinitrobenzene	<0.0771	U *+	0.570	0.0771	ug/L		11/13/24 05:08	12/07/24 14:41	1
1,4-Naphthoquinone	<0.313	U *+	0.570	0.313	ug/L		11/13/24 05:08	12/07/24 14:41	1
1-Naphthylamine	<0.148	U	0.570	0.148	ug/L		11/13/24 05:08	12/07/24 14:41	1
2,6-Dichlorophenol	<0.118	U	0.570	0.118	ug/L		11/13/24 05:08	12/07/24 14:41	1
2-Acetylaminofluorene	<1.26	U *+	2.85	1.26	ug/L		11/13/24 05:08	12/07/24 14:41	1
2-Chlorophenol	<0.0754	U	0.570	0.0754	ug/L		11/13/24 05:08	12/07/24 14:41	1
2-Naphthylamine	<0.287	U *+	0.570	0.287	ug/L		11/13/24 05:08	12/07/24 14:41	1

Client Sample ID: RB-02

Date Collected: 11/06/24 14:38
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-10

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Picoline	<0.122	U	0.570	0.122	ug/L		11/13/24 05:08	12/07/24 14:41	1
2-Toluidine	<0.305	U *+	0.570	0.305	ug/L		11/13/24 05:08	12/07/24 14:41	1
3,3'-Dichlorobenzidine	<0.183	U	0.570	0.183	ug/L		11/13/24 05:08	12/07/24 14:41	1
3,3'-Dimethylbenzidine	<0.141	U *+	0.570	0.141	ug/L		11/13/24 05:08	12/07/24 14:41	1
3-Methylcholanthrene	<0.104	U *+	0.570	0.104	ug/L		11/13/24 05:08	12/07/24 14:41	1
4-Nitroquinoline-1-oxide	<0.728	U	1.14	0.728	ug/L		11/13/24 05:08	12/07/24 14:41	1
7,12-Dimethylbenz(a)anthracene	<0.240	U *+	0.570	0.240	ug/L		11/13/24 05:08	12/07/24 14:41	1
alpha,alpha-Dimethyl phenethylamine	<3.66	U *- *1	5.70	3.66	ug/L		11/13/24 05:08	12/07/24 14:41	1
Aramite Peak 1	<0.0783	U *+	0.570	0.0783	ug/L		11/13/24 05:08	12/07/24 14:41	1
Aramite Peak 2	<0.0951	U *+	0.570	0.0951	ug/L		11/13/24 05:08	12/07/24 14:41	1
Aramite, Total	<0.0951	U	0.570	0.0951	ug/L		11/13/24 05:08	12/07/24 14:41	1
Diallate	<0.0832	U	0.570	0.0832	ug/L		11/13/24 05:08	12/07/24 14:41	1
Diallate Peak 1	<0.0832	U *+	0.570	0.0832	ug/L		11/13/24 05:08	12/07/24 14:41	1
Diallate Peak 2	<0.0384	U *+	0.570	0.0384	ug/L		11/13/24 05:08	12/07/24 14:41	1
Dimethoate	<0.121	U *+	0.570	0.121	ug/L		11/13/24 05:08	12/07/24 14:41	1
Dinoseb	<0.568	U *+	2.85	0.568	ug/L		11/13/24 05:08	12/07/24 14:41	1
Disulfoton	<0.202	U *+	0.570	0.202	ug/L		11/13/24 05:08	12/07/24 14:41	1
Ethyl methanesulfonate	<0.226	U	0.570	0.226	ug/L		11/13/24 05:08	12/07/24 14:41	1
Ethyl Parathion	<0.0501	U *+	0.228	0.0501	ug/L		11/13/24 05:08	12/07/24 14:41	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/13/24 05:08	12/07/24 14:41	1
Hexachloropropene	<0.299	U *-	0.570	0.299	ug/L		11/13/24 05:08	12/07/24 14:41	1
Isosafrole	<0.240	U	0.570	0.240	ug/L		11/13/24 05:08	12/07/24 14:41	1
Isosafrole Peak 1	<0.0462	U	0.570	0.0462	ug/L		11/13/24 05:08	12/07/24 14:41	1
Isosafrole Peak 2	<0.240	U	0.570	0.240	ug/L		11/13/24 05:08	12/07/24 14:41	1
Methapyrilene	<0.997	U *+	2.28	0.997	ug/L		11/13/24 05:08	12/07/24 14:41	1
Methyl methanesulfonate	<0.120	U	0.570	0.120	ug/L		11/13/24 05:08	12/07/24 14:41	1
Methyl parathion	<0.318	U *+	0.570	0.318	ug/L		11/13/24 05:08	12/07/24 14:41	1
N-Nitrosodiethylamine	<0.537	U *+	1.14	0.537	ug/L		11/13/24 05:08	12/07/24 14:41	1
N-Nitrosodimethylamine	<0.0997	U	0.570	0.0997	ug/L		11/13/24 05:08	12/07/24 14:41	1
N-Nitrosodi-n-butylamine	<0.514	U *+	1.14	0.514	ug/L		11/13/24 05:08	12/07/24 14:41	1
N-Nitrosomethylethylamine	<0.293	U	0.570	0.293	ug/L		11/13/24 05:08	12/07/24 14:41	1
N-Nitrosomorpholine	<0.220	U	0.570	0.220	ug/L		11/13/24 05:08	12/07/24 14:41	1
N-Nitrosopyrrolidine	<0.267	U	0.570	0.267	ug/L		11/13/24 05:08	12/07/24 14:41	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.570	0.138	ug/L		11/13/24 05:08	12/07/24 14:41	1
p-Dimethylamino azobenzene	<0.0237	U *+	0.570	0.0237	ug/L		11/13/24 05:08	12/07/24 14:41	1
Pentachloronitrobenzene	<0.0997	U *+	0.570	0.0997	ug/L		11/13/24 05:08	12/07/24 14:41	1
Phenacetin	<0.0997	U *+	0.570	0.0997	ug/L		11/13/24 05:08	12/07/24 14:41	1
Phorate	<0.221	U *+	0.570	0.221	ug/L		11/13/24 05:08	12/07/24 14:41	1
p-Phenylene diamine	<0.499	U	1.14	0.499	ug/L		11/13/24 05:08	12/07/24 14:41	1
Pronamide	<0.0997	U *+	0.570	0.0997	ug/L		11/13/24 05:08	12/07/24 14:41	1
Safrole, Total	<0.0569	U	0.570	0.0569	ug/L		11/13/24 05:08	12/07/24 14:41	1
Sulfotepp	<0.146	U *+	0.570	0.146	ug/L		11/13/24 05:08	12/07/24 14:41	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/13/24 05:08	12/07/24 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*35 - 130*	*11/13/24 05:08*	*12/07/24 14:41*	*1*
2-Fluorobiphenyl	*125*		*43 - 130*	*11/13/24 05:08*	*12/07/24 14:41*	*1*
2-Fluorophenol (Surr)	*62*		*19 - 120*	*11/13/24 05:08*	*12/07/24 14:41*	*1*
Nitrobenzene-d5 (Surr)	*135*	*S1+*	*37 - 133*	*11/13/24 05:08*	*12/07/24 14:41*	*1*
Phenol-d5 (Surr)	*49*		*8 - 124*	*11/13/24 05:08*	*12/07/24 14:41*	*1*

Client Sample ID: RB-02

Lab Sample ID: 860-86555-10

Date Collected: 11/06/24 14:38
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14	*142*	*S1+*	*47 - 130*	*11/13/24 05:08*	*12/07/24 14:41*	*1*

Client Sample ID: MW-31-S

Lab Sample ID: 860-86555-11

Date Collected: 11/06/24 15:03
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 01:16	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 01:16	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 01:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/12/24 01:16	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 01:16	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 01:16	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 01:16	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 01:16	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 01:16	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 01:16	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 01:16	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 01:16	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 01:16	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 01:16	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 01:16	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/12/24 01:16	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 01:16	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 01:16	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/12/24 01:16	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 01:16	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 01:16	1
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 01:16	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 01:16	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 01:16	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 01:16	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 01:16	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/12/24 01:16	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 01:16	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 01:16	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/12/24 01:16	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 01:16	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 01:16	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 01:16	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 01:16	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 01:16	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 01:16	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 01:16	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 01:16	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 01:16	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 01:16	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/12/24 01:16	1

Client Sample ID: MW-31-S
Lab Sample ID: 860-86555-11

Date Collected: 11/06/24 15:03
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 01:16	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 01:16	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 01:16	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 01:16	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/12/24 01:16	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/12/24 01:16	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 01:16	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/12/24 01:16	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 01:16	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 01:16	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 01:16	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/12/24 01:16	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 01:16	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 01:16	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 01:16	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 01:16	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 01:16	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 01:16	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 01:16	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 01:16	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 01:16	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 01:16	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 01:16	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 01:16	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 01:16	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 01:16	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 01:16	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*11/12/24 01:16*	*1*
4-Bromofluorobenzene (Surr)	*92*		*74 - 124*		*11/12/24 01:16*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/12/24 01:16*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/12/24 01:16*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/13/24 05:08	12/07/24 15:11	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/13/24 05:08	12/07/24 15:11	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/13/24 05:08	12/07/24 15:11	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/13/24 05:08	12/07/24 15:11	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		11/13/24 05:08	12/07/24 15:11	1
2,4,5-Trichlorophenol	<0.143	U *+	0.571	0.143	ug/L		11/13/24 05:08	12/07/24 15:11	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/13/24 05:08	12/07/24 15:11	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/13/24 05:08	12/07/24 15:11	1
2,4-Dimethylphenol	<0.192	U *+	0.571	0.192	ug/L		11/13/24 05:08	12/07/24 15:11	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		11/13/24 05:08	12/07/24 15:11	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/13/24 05:08	12/07/24 15:11	1
2,4-Dinitrotoluene	<0.205	U *+	0.571	0.205	ug/L		11/13/24 05:08	12/07/24 15:11	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/13/24 05:08	12/07/24 15:11	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

Client Sample ID: MW-31-S
Date Collected: 11/06/24 15:03
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-11
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/13/24 05:08	12/07/24 15:11	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/13/24 05:08	12/07/24 15:11	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/13/24 05:08	12/07/24 15:11	1
2-Nitroaniline	<0.149	U *+	0.571	0.149	ug/L		11/13/24 05:08	12/07/24 15:11	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/13/24 05:08	12/07/24 15:11	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/13/24 05:08	12/07/24 15:11	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/13/24 05:08	12/07/24 15:11	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/13/24 05:08	12/07/24 15:11	1
4-Bromophenyl phenyl ether	<0.100	U *+	0.571	0.100	ug/L		11/13/24 05:08	12/07/24 15:11	1
4-Chloro-3-methylphenol	<0.104	U *+	0.571	0.104	ug/L		11/13/24 05:08	12/07/24 15:11	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/13/24 05:08	12/07/24 15:11	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/13/24 05:08	12/07/24 15:11	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/13/24 05:08	12/07/24 15:11	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/13/24 05:08	12/07/24 15:11	1
Acenaphthylene	<0.0996	U *+	0.571	0.0996	ug/L		11/13/24 05:08	12/07/24 15:11	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/13/24 05:08	12/07/24 15:11	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/13/24 05:08	12/07/24 15:11	1
Benzo[a]anthracene	<0.0286	U *+	0.0286	0.0286	ug/L		11/13/24 05:08	12/07/24 15:11	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/13/24 05:08	12/07/24 15:11	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/13/24 05:08	12/07/24 15:11	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/13/24 05:08	12/07/24 15:11	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/13/24 05:08	12/07/24 15:11	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		11/13/24 05:08	12/07/24 15:11	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/13/24 05:08	12/07/24 15:11	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/13/24 05:08	12/07/24 15:11	1
Bis(2-ethylhexyl) phthalate	<0.900	U *+	1.14	0.900	ug/L		11/13/24 05:08	12/07/24 15:11	1
Butyl benzyl phthalate	<0.500	U *+	1.14	0.500	ug/L		11/13/24 05:08	12/07/24 15:11	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/13/24 05:08	12/07/24 15:11	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/13/24 05:08	12/07/24 15:11	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		11/13/24 05:08	12/07/24 15:11	1
Diethyl phthalate	<0.155	U *+	1.14	0.155	ug/L		11/13/24 05:08	12/07/24 15:11	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/13/24 05:08	12/07/24 15:11	1
Di-n-butyl phthalate	<0.765	U *+	1.14	0.765	ug/L		11/13/24 05:08	12/07/24 15:11	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/13/24 05:08	12/07/24 15:11	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/13/24 05:08	12/07/24 15:11	1
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/13/24 05:08	12/07/24 15:11	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/13/24 05:08	12/07/24 15:11	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/13/24 05:08	12/07/24 15:11	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/13/24 05:08	12/07/24 15:11	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/13/24 05:08	12/07/24 15:11	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/13/24 05:08	12/07/24 15:11	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/13/24 05:08	12/07/24 15:11	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		11/13/24 05:08	12/07/24 15:11	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/13/24 05:08	12/07/24 15:11	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/13/24 05:08	12/07/24 15:11	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/13/24 05:08	12/07/24 15:11	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/13/24 05:08	12/07/24 15:11	1
Phenanthrene	<0.134	U *+	0.571	0.134	ug/L		11/13/24 05:08	12/07/24 15:11	1
Phenol	<0.448	U	2.86	0.448	ug/L		11/13/24 05:08	12/07/24 15:11	1

Client Sample ID: MW-31-S
Lab Sample ID: 860-86555-11
Date Collected: 11/06/24 15:03
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/13/24 05:08	12/07/24 15:11	1
Pyridine	<1.44	U *1	2.86	1.44	ug/L		11/13/24 05:08	12/07/24 15:11	1
N-Nitro-o-toluidine	<0.520	U *+	1.14	0.520	ug/L		11/13/24 05:08	12/07/24 15:11	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/13/24 05:08	12/07/24 15:11	1
Acetophenone	<0.624	U *+	1.14	0.624	ug/L		11/13/24 05:08	12/07/24 15:11	1
N-Nitrosopiperidine	<0.467	U *+	1.14	0.467	ug/L		11/13/24 05:08	12/07/24 15:11	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/13/24 05:08	12/07/24 15:11	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		11/13/24 05:08	12/07/24 15:11	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/13/24 05:08	12/07/24 15:11	1
4-Aminobiphenyl	<0.394	U *+	0.571	0.394	ug/L		11/13/24 05:08	12/07/24 15:11	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/13/24 05:08	12/07/24 15:11	1
1,3,5-Trinitrobenzene	<0.119	U *+	0.571	0.119	ug/L		11/13/24 05:08	12/07/24 15:11	1
1,3-Dinitrobenzene	<0.0773	U *+	0.571	0.0773	ug/L		11/13/24 05:08	12/07/24 15:11	1
1,4-Naphthoquinone	<0.314	U *+	0.571	0.314	ug/L		11/13/24 05:08	12/07/24 15:11	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/13/24 05:08	12/07/24 15:11	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/13/24 05:08	12/07/24 15:11	1
2-Acetylaminofluorene	<1.26	U *+	2.86	1.26	ug/L		11/13/24 05:08	12/07/24 15:11	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/13/24 05:08	12/07/24 15:11	1
2-Naphthylamine	<0.288	U *+	0.571	0.288	ug/L		11/13/24 05:08	12/07/24 15:11	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/13/24 05:08	12/07/24 15:11	1
2-Toluidine	<0.306	U *+	0.571	0.306	ug/L		11/13/24 05:08	12/07/24 15:11	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/13/24 05:08	12/07/24 15:11	1
3,3'-Dimethylbenzidine	<0.142	U *+	0.571	0.142	ug/L		11/13/24 05:08	12/07/24 15:11	1
3-Methylcholanthrene	<0.104	U *+	0.571	0.104	ug/L		11/13/24 05:08	12/07/24 15:11	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/13/24 05:08	12/07/24 15:11	1
7,12-Dimethylbenz(a)anthracene	<0.241	U *+	0.571	0.241	ug/L		11/13/24 05:08	12/07/24 15:11	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U *- *1	5.71	3.67	ug/L		11/13/24 05:08	12/07/24 15:11	1
Aramite Peak 1	<0.0785	U *+	0.571	0.0785	ug/L		11/13/24 05:08	12/07/24 15:11	1
Aramite Peak 2	<0.0954	U *+	0.571	0.0954	ug/L		11/13/24 05:08	12/07/24 15:11	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/13/24 05:08	12/07/24 15:11	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/13/24 05:08	12/07/24 15:11	1
Diallate Peak 1	<0.0835	U *+	0.571	0.0835	ug/L		11/13/24 05:08	12/07/24 15:11	1
Diallate Peak 2	<0.0385	U *+	0.571	0.0385	ug/L		11/13/24 05:08	12/07/24 15:11	1
Dimethoate	<0.122	U *+	0.571	0.122	ug/L		11/13/24 05:08	12/07/24 15:11	1
Dinoseb	<0.570	U *+	2.86	0.570	ug/L		11/13/24 05:08	12/07/24 15:11	1
Disulfoton	<0.203	U *+	0.571	0.203	ug/L		11/13/24 05:08	12/07/24 15:11	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/13/24 05:08	12/07/24 15:11	1
Ethyl Parathion	<0.0502	U *+	0.229	0.0502	ug/L		11/13/24 05:08	12/07/24 15:11	1
Famphur	<0.151	U *+	1.14	0.151	ug/L		11/13/24 05:08	12/07/24 15:11	1
Hexachloropropene	<0.300	U *-	0.571	0.300	ug/L		11/13/24 05:08	12/07/24 15:11	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/13/24 05:08	12/07/24 15:11	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/13/24 05:08	12/07/24 15:11	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/13/24 05:08	12/07/24 15:11	1
Methapyrilene	<1.00	U *+	2.29	1.00	ug/L		11/13/24 05:08	12/07/24 15:11	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/13/24 05:08	12/07/24 15:11	1
Methyl parathion	<0.319	U *+	0.571	0.319	ug/L		11/13/24 05:08	12/07/24 15:11	1
N-Nitrosodiethylamine	<0.538	U *+	1.14	0.538	ug/L		11/13/24 05:08	12/07/24 15:11	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		11/13/24 05:08	12/07/24 15:11	1
N-Nitrosodi-n-butylamine	<0.516	U *+	1.14	0.516	ug/L		11/13/24 05:08	12/07/24 15:11	1

Client Sample ID: MW-31-S
Lab Sample ID: 860-86555-11
Date Collected: 11/06/24 15:03
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/13/24 05:08	12/07/24 15:11	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/13/24 05:08	12/07/24 15:11	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		11/13/24 05:08	12/07/24 15:11	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.571	0.138	ug/L		11/13/24 05:08	12/07/24 15:11	1
p-Dimethylamino azobenzene	<0.0238	U *+	0.571	0.0238	ug/L		11/13/24 05:08	12/07/24 15:11	1
Pentachloronitrobenzene	<0.100	U *+	0.571	0.100	ug/L		11/13/24 05:08	12/07/24 15:11	1
Phenacetin	<0.100	U *+	0.571	0.100	ug/L		11/13/24 05:08	12/07/24 15:11	1
Phorate	<0.221	U *+	0.571	0.221	ug/L		11/13/24 05:08	12/07/24 15:11	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		11/13/24 05:08	12/07/24 15:11	1
Pronamide	<0.100	U *+	0.571	0.100	ug/L		11/13/24 05:08	12/07/24 15:11	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/13/24 05:08	12/07/24 15:11	1
Sulfotepp	<0.147	U *+	0.571	0.147	ug/L		11/13/24 05:08	12/07/24 15:11	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/13/24 05:08	12/07/24 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*35 - 130*	*11/13/24 05:08*	*12/07/24 15:11*	*1*
2-Fluorobiphenyl	*99*		*43 - 130*	*11/13/24 05:08*	*12/07/24 15:11*	*1*
2-Fluorophenol (Surr)	*80*		*19 - 120*	*11/13/24 05:08*	*12/07/24 15:11*	*1*
Nitrobenzene-d5 (Surr)	*114*		*37 - 133*	*11/13/24 05:08*	*12/07/24 15:11*	*1*
Phenol-d5 (Surr)	*47*		*8 - 124*	*11/13/24 05:08*	*12/07/24 15:11*	*1*
p-Terphenyl-d14	*140*	*S1+*	*47 - 130*	*11/13/24 05:08*	*12/07/24 15:11*	*1*

Surrogate Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
860-86555-1	TB-02	100	99	97	101
860-86555-2	MW-34-SR	99	96	102	100
860-86555-2 MS	MW-34-SR	93	96	98	101
860-86555-3	MW-25	99	94	101	98
860-86555-4	MW-34-DR	99	94	101	97
860-86555-5	MW-129-D	102	95	100	100
860-86555-6	MW-32-S	102	92	102	97
860-86555-7	MW-32-D	99	100	100	101
860-86555-8	MW-27-S	100	90	103	99
860-86555-9	MW-27-D	101	95	100	101
860-86555-10	RB-02	101	92	102	102
860-86555-11	MW-31-S	100	92	101	97
LCS 860-198955/3	Lab Control Sample	95	99	99	103
LCSD 860-198955/4	Lab Control Sample Dup	93	99	99	101
MB 860-198955/9	Method Blank	96	92	101	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(35-130)	(43-130)	(19-120)	(37-133)	(8-124)	(47-130)
860-86555-2	MW-34-SR	125	112	97	135 S1+	62	145 S1+
860-86555-3	MW-25	122	116	100	138 S1+	65	125
860-86555-4	MW-34-DR	125	112	84	137 S1+	49	139 S1+
860-86555-4 - DL	MW-34-DR	145 S1+	212 S1+	125 S1+	163 S1+	145 S1+	205 S1+
860-86555-5	MW-129-D	108	108	110	128	81	146 S1+
860-86555-6	MW-32-S	109	112	79	136 S1+	45	128
860-86555-7	MW-32-D	119	119	77	139 S1+	46	138 S1+
860-86555-8	MW-27-S	118	110	85	133	48	127
860-86555-9	MW-27-D	121	122	86	136 S1+	46	132 S1+
860-86555-10	RB-02	98	125	62	135 S1+	49	142 S1+
860-86555-11	MW-31-S	97	99	80	114	47	140 S1+
LCS 860-199385/2-A	Lab Control Sample	130	116	76	119	50	116
LCS 860-199385/4-A	Lab Control Sample	133 S1+	140 S1+	74	147 S1+	52	118
LCSD 860-199385/3-A	Lab Control Sample Dup	130	117	73	128	48	117
LCSD 860-199385/5-A	Lab Control Sample Dup	140 S1+	150 S1+	69	150 S1+	46	137 S1+
MB 860-199385/1-A	Method Blank	131 S1+	137 S1+	59	136 S1+	34	130

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)

Surrogate Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

TPHd14 = p-Terphenyl-d14

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-198955/9
Matrix: Water
Analysis Batch: 198955

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/11/24 21:10	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/11/24 21:10	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/11/24 21:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/11/24 21:10	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/11/24 21:10	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/11/24 21:10	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/11/24 21:10	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/11/24 21:10	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/11/24 21:10	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/11/24 21:10	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/11/24 21:10	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/11/24 21:10	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/11/24 21:10	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/11/24 21:10	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/11/24 21:10	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/11/24 21:10	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/11/24 21:10	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/11/24 21:10	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/11/24 21:10	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/11/24 21:10	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/11/24 21:10	1
Acetone	<3.07	U	100	3.07	ug/L			11/11/24 21:10	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/11/24 21:10	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/11/24 21:10	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/11/24 21:10	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/11/24 21:10	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/11/24 21:10	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/11/24 21:10	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/11/24 21:10	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/11/24 21:10	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/11/24 21:10	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/11/24 21:10	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/11/24 21:10	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/11/24 21:10	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/11/24 21:10	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/11/24 21:10	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/11/24 21:10	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/11/24 21:10	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/11/24 21:10	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/11/24 21:10	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/11/24 21:10	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/11/24 21:10	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/11/24 21:10	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/11/24 21:10	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/11/24 21:10	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/11/24 21:10	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/11/24 21:10	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/11/24 21:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-198955/9
Matrix: Water
Analysis Batch: 198955

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/11/24 21:10	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/11/24 21:10	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/11/24 21:10	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/11/24 21:10	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/11/24 21:10	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/11/24 21:10	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/11/24 21:10	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/11/24 21:10	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/11/24 21:10	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/11/24 21:10	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/11/24 21:10	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/11/24 21:10	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/11/24 21:10	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/11/24 21:10	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/11/24 21:10	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/11/24 21:10	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/11/24 21:10	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/11/24 21:10	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/11/24 21:10	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/11/24 21:10	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/11/24 21:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 144*		*11/11/24 21:10*	*1*
4-Bromofluorobenzene (Surr)	*92*		*74 - 124*		*11/11/24 21:10*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/11/24 21:10*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/11/24 21:10*	*1*

Lab Sample ID: LCS 860-198955/3
Matrix: Water
Analysis Batch: 198955

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	47.90		ug/L		96	72 - 125
1,1,1-Trichloroethane	50.0	48.02		ug/L		96	70 - 130
1,1,2,2-Tetrachloroethane	50.0	45.82		ug/L		92	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.61		ug/L		105	60 - 140
1,1,2-Trichloroethane	50.0	49.18		ug/L		98	75 - 130
1,1-Dichloroethane	50.0	47.65		ug/L		95	71 - 130
1,1-Dichloroethene	50.0	47.40		ug/L		95	50 - 150
1,2,3-Trichloropropane	50.0	45.78		ug/L		92	75 - 125
1,2,4-Trimethylbenzene	50.0	47.87		ug/L		96	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	48.94		ug/L		98	59 - 125
1,2-Dibromoethane	50.0	49.77		ug/L		100	73 - 125
1,2-Dichloroethane	50.0	45.27		ug/L		91	72 - 130
1,2-Dichloropropane	50.0	47.85		ug/L		96	74 - 125
1,3,5-Trimethylbenzene	50.0	49.32		ug/L		99	60 - 140
1,3-Butadiene	50.0	42.01		ug/L		84	60 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-198955/3
Matrix: Water
Analysis Batch: 198955

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,2,4-Trimethylpentane	50.0	53.10		ug/L		106	70 - 130
2-Butanone (MEK)	250	246.9		ug/L		99	60 - 140
2-Hexanone (MBK)	250	234.2		ug/L		94	60 - 140
2-Propanol	500	408.7		ug/L		82	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	47.33		ug/L		95	70 - 130
4-Methyl-2-pentanone	250	234.8		ug/L		94	60 - 140
Acetone	250	209.4		ug/L		84	60 - 140
Acetonitrile	500	439.9		ug/L		88	60 - 140
Acrolein	250	219.3		ug/L		88	60 - 140
Acrylonitrile	500	462.2		ug/L		92	60 - 140
alpha-Chlorotoluene	50.0	51.99		ug/L		104	75 - 125
Benzene	50.0	47.99		ug/L		96	75 - 125
Bromodichloromethane	50.0	47.42		ug/L		95	75 - 125
Bromoform	50.0	45.24		ug/L		90	70 - 130
Bromomethane	50.0	41.46		ug/L		83	60 - 140
Carbon disulfide	50.0	44.27		ug/L		89	60 - 140
Carbon tetrachloride	50.0	47.65		ug/L		95	70 - 125
Chlorobenzene	50.0	49.97		ug/L		100	82 - 135
Chlorodibromomethane	50.0	48.60		ug/L		97	73 - 125
Chloroethane	50.0	45.25		ug/L		91	60 - 140
Chloroform	50.0	48.09		ug/L		96	70 - 121
Chloromethane	50.0	40.30		ug/L		81	60 - 140
Chloroprene	50.0	47.95		ug/L		96	70 - 130
cis-1,2-Dichloroethene	50.0	47.24		ug/L		94	75 - 125
cis-1,3-Dichloropropene	50.0	48.85		ug/L		98	74 - 125
Cumene (isopropylbenzene)	50.0	51.08		ug/L		102	75 - 125
Cyclohexane	50.0	49.10		ug/L		98	70 - 130
Dibromomethane	50.0	48.22		ug/L		96	69 - 127
Dichlorodifluoromethane	50.0	37.56		ug/L		75	50 - 150
Ethyl methacrylate	50.0	49.82		ug/L		100	70 - 130
Ethylbenzene	50.0	51.71		ug/L		103	75 - 125
Hexane	50.0	46.38		ug/L		93	72 - 125
Iodomethane	50.0	47.33		ug/L		95	75 - 125
Isobutanol	1240	1078		ug/L		87	60 - 140
Methacrylonitrile	500	485.6		ug/L		97	70 - 130
Methyl methacrylate	100	98.37		ug/L		98	70 - 130
Methyl tert-butyl ether	50.0	45.13		ug/L		90	65 - 135
Methylene Chloride	50.0	43.63		ug/L		87	71 - 125
Propionitrile	500	458.5		ug/L		92	70 - 130
Propylbenzene	50.0	51.75		ug/L		104	75 - 125
Styrene	50.0	51.04		ug/L		102	75 - 125
Tetrachloroethene	50.0	53.09		ug/L		106	71 - 125
Tetrahydrofuran	100	83.34		ug/L		83	75 - 125
Toluene	50.0	51.45		ug/L		103	75 - 130
trans-1,2-Dichloroethene	50.0	48.80		ug/L		98	75 - 125
trans-1,3-Dichloropropene	50.0	49.04		ug/L		98	66 - 125
trans-1,4-Dichloro-2-butene	50.0	47.54		ug/L		95	70 - 130
Trichloroethene	50.0	49.96		ug/L		100	75 - 135
Trichlorofluoromethane	50.0	47.22		ug/L		94	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-198955/3
Matrix: Water
Analysis Batch: 198955

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Vinyl acetate			250	272.8		ug/L		109	60 - 140		
Vinyl chloride			50.0	41.61		ug/L		83	60 - 140		
Xylenes, Total			100	102.6		ug/L		103	75 - 125		
m,p-Xylenes			0.0500	0.05262		mg/L		105	75 - 125		
o-Xylene			0.0500	0.04995		mg/L		100	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*63 - 144*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 860-198955/4
Matrix: Water
Analysis Batch: 198955

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	48.17		ug/L		96	72 - 125	1	25
1,1,1-Trichloroethane			50.0	48.49		ug/L		97	70 - 130	1	25
1,1,2,2-Tetrachloroethane			50.0	43.36		ug/L		87	74 - 125	6	25
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	52.86		ug/L		106	60 - 140	0	25
1,1,2-Trichloroethane			50.0	48.97		ug/L		98	75 - 130	0	25
1,1-Dichloroethane			50.0	46.62		ug/L		93	71 - 130	2	25
1,1-Dichloroethene			50.0	47.44		ug/L		95	50 - 150	0	25
1,2,3-Trichloropropane			50.0	44.62		ug/L		89	75 - 125	3	25
1,2,4-Trimethylbenzene			50.0	48.47		ug/L		97	75 - 125	1	25
1,2-Dibromo-3-Chloropropane			50.0	48.67		ug/L		97	59 - 125	1	25
1,2-Dibromoethane			50.0	49.47		ug/L		99	73 - 125	1	25
1,2-Dichloroethane			50.0	44.51		ug/L		89	72 - 130	2	25
1,2-Dichloropropane			50.0	47.92		ug/L		96	74 - 125	0	25
1,3,5-Trimethylbenzene			50.0	49.15		ug/L		98	60 - 140	0	25
1,3-Butadiene			50.0	42.17		ug/L		84	60 - 150	0	25
2,2,4-Trimethylpentane			50.0	53.76		ug/L		108	70 - 130	1	25
2-Butanone (MEK)			250	243.1		ug/L		97	60 - 140	2	25
2-Hexanone (MBK)			250	228.7		ug/L		91	60 - 140	2	25
2-Propanol			500	414.8		ug/L		83	70 - 120	1	25
3-Chloropropene (Allyl Chloride)			50.0	47.06		ug/L		94	70 - 130	1	25
4-Methyl-2-pentanone			250	226.9		ug/L		91	60 - 140	3	25
Acetone			250	207.1		ug/L		83	60 - 140	1	25
Acetonitrile			500	440.0		ug/L		88	60 - 140	0	25
Acrolein			250	213.7		ug/L		85	60 - 140	3	25
Acrylonitrile			500	454.2		ug/L		91	60 - 140	2	25
alpha-Chlorotoluene			50.0	50.75		ug/L		101	75 - 125	2	25
Benzene			50.0	48.63		ug/L		97	75 - 125	1	25
Bromodichloromethane			50.0	47.41		ug/L		95	75 - 125	0	25
Bromoform			50.0	46.24		ug/L		92	70 - 130	2	25
Bromomethane			50.0	41.26		ug/L		83	60 - 140	0	25
Carbon disulfide			50.0	44.78		ug/L		90	60 - 140	1	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-198955/4
Matrix: Water
Analysis Batch: 198955

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride			50.0	48.52		ug/L		97	70 - 125	2	25
Chlorobenzene			50.0	50.19		ug/L		100	82 - 135	0	25
Chlorodibromomethane			50.0	47.51		ug/L		95	73 - 125	2	25
Chloroethane			50.0	42.44		ug/L		85	60 - 140	6	25
Chloroform			50.0	48.58		ug/L		97	70 - 121	1	25
Chloromethane			50.0	37.28		ug/L		75	60 - 140	8	25
Chloroprene			50.0	47.67		ug/L		95	70 - 130	1	25
cis-1,2-Dichloroethene			50.0	48.05		ug/L		96	75 - 125	2	25
cis-1,3-Dichloropropene			50.0	49.03		ug/L		98	74 - 125	0	25
Cumene (isopropylbenzene)			50.0	51.96		ug/L		104	75 - 125	2	25
Cyclohexane			50.0	50.69		ug/L		101	70 - 130	3	25
Dibromomethane			50.0	49.55		ug/L		99	69 - 127	3	25
Dichlorodifluoromethane			50.0	35.38		ug/L		71	50 - 150	6	25
Ethyl methacrylate			50.0	50.50		ug/L		101	70 - 130	1	25
Ethylbenzene			50.0	52.04		ug/L		104	75 - 125	1	25
Hexane			50.0	46.09		ug/L		92	72 - 125	1	25
Iodomethane			50.0	47.73		ug/L		95	75 - 125	1	25
Isobutanol			1240	1078		ug/L		87	60 - 140	0	25
Methacrylonitrile			500	471.8		ug/L		94	70 - 130	3	25
Methyl methacrylate			100	97.26		ug/L		97	70 - 130	1	25
Methyl tert-butyl ether			50.0	45.14		ug/L		90	65 - 135	0	25
Methylene Chloride			50.0	42.20		ug/L		84	71 - 125	3	25
Propionitrile			500	453.3		ug/L		91	70 - 130	1	25
Propylbenzene			50.0	50.80		ug/L		102	75 - 125	2	25
Styrene			50.0	51.86		ug/L		104	75 - 125	2	25
Tetrachloroethene			50.0	54.76		ug/L		110	71 - 125	3	25
Tetrahydrofuran			100	84.83		ug/L		85	75 - 125	2	25
Toluene			50.0	52.21		ug/L		104	75 - 130	1	25
trans-1,2-Dichloroethene			50.0	50.26		ug/L		101	75 - 125	3	25
trans-1,3-Dichloropropene			50.0	50.14		ug/L		100	66 - 125	2	25
trans-1,4-Dichloro-2-butene			50.0	44.92		ug/L		90	70 - 130	6	25
Trichloroethene			50.0	51.44		ug/L		103	75 - 135	3	25
Trichlorofluoromethane			50.0	46.21		ug/L		92	60 - 140	2	25
Vinyl acetate			250	245.8		ug/L		98	60 - 140	10	25
Vinyl chloride			50.0	41.83		ug/L		84	60 - 140	1	25
Xylenes, Total			100	103.9		ug/L		104	75 - 125	1	25
m,p-Xylenes			0.0500	0.05320		mg/L		106	75 - 125	1	25
o-Xylene			0.0500	0.05074		mg/L		101	75 - 125	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86555-2 MS
Matrix: Water
Analysis Batch: 198955

Client Sample ID: MW-34-SR
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.644	U	50.0	52.42		ug/L		105	72 - 125
1,1,1-Trichloroethane	<0.585	U	50.0	51.43		ug/L		103	75 - 125
1,1,2,2-Tetrachloroethane	<0.470	U	50.0	47.44		ug/L		95	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	50.0	47.01		ug/L		94	60 - 140
1,1,2-Trichloroethane	<0.411	U	50.0	53.39		ug/L		107	75 - 127
1,1-Dichloroethane	<0.635	U	50.0	52.17		ug/L		104	72 - 125
1,1-Dichloroethene	<0.738	U	50.0	52.26		ug/L		105	59 - 172
1,2,3-Trichloropropane	<0.470	U	50.0	46.91		ug/L		94	75 - 125
1,2,4-Trimethylbenzene	<0.417	U	50.0	49.82		ug/L		100	75 - 125
1,2-Dibromo-3-Chloropropane	<0.671	U	50.0	51.20		ug/L		102	59 - 125
1,2-Dibromoethane	<0.999	U	50.0	54.52		ug/L		109	73 - 125
1,2-Dichloroethane	<0.372	U	50.0	48.53		ug/L		97	68 - 127
1,2-Dichloropropane	<0.556	U	50.0	52.04		ug/L		104	74 - 125
1,3,5-Trimethylbenzene	<0.411	U	50.0	50.18		ug/L		100	70 - 125
1,3-Butadiene	<0.568	U	50.0	41.18		ug/L		82	70 - 150
2,2,4-Trimethylpentane	<0.500	U	50.0	44.34		ug/L		89	70 - 130
2-Butanone (MEK)	<8.28	U	250	267.7		ug/L		107	60 - 140
2-Hexanone (MBK)	<5.00	U	250	241.1		ug/L		96	60 - 140
2-Propanol	<5.23	U	500	442.9		ug/L		89	70 - 120
3-Chloropropene (Allyl Chloride)	<0.597	U	50.0	51.93		ug/L		104	70 - 130
4-Methyl-2-pentanone	<5.00	U	250	239.0		ug/L		96	60 - 140
Acetone	<3.07	U	250	217.0		ug/L		87	60 - 140
Acetonitrile	<14.6	U	500	482.7		ug/L		97	60 - 140
Acrolein	<11.1	U	250	236.2		ug/L		94	50 - 150
Acrylonitrile	<14.3	U	500	491.0		ug/L		98	50 - 150
alpha-Chlorotoluene	<2.26	U	50.0	45.27		ug/L		91	70 - 130
Benzene	<0.460	U	50.0	52.71		ug/L		105	66 - 142
Bromodichloromethane	<0.552	U	50.0	51.40		ug/L		103	75 - 125
Bromoform	<0.633	U	50.0	52.78		ug/L		106	75 - 125
Bromomethane	<1.42	U	50.0	43.56		ug/L		87	60 - 140
Carbon disulfide	<1.65	U	50.0	49.93		ug/L		100	60 - 140
Carbon tetrachloride	<0.896	U	50.0	50.49		ug/L		101	62 - 125
Chlorobenzene	<0.455	U	50.0	54.74		ug/L		109	60 - 133
Chlorodibromomethane	<0.547	U	50.0	52.31		ug/L		105	73 - 125
Chloroethane	<1.98	U	50.0	44.59		ug/L		89	60 - 140
Chloroform	<0.464	U	50.0	52.96		ug/L		106	70 - 130
Chloromethane	<2.04	U	50.0	40.04		ug/L		80	60 - 140
Chloroprene	<0.598	U	50.0	50.36		ug/L		101	70 - 130
cis-1,2-Dichloroethene	<0.457	U	50.0	51.21		ug/L		102	75 - 125
cis-1,3-Dichloropropene	<1.07	U	50.0	52.90		ug/L		106	74 - 125
Cumene (isopropylbenzene)	<0.592	U	50.0	54.80		ug/L		110	75 - 125
Cyclohexane	<1.29	U	50.0	45.85		ug/L		92	70 - 130
Dibromomethane	<0.357	U	50.0	52.77		ug/L		106	69 - 127
Dichlorodifluoromethane	<0.785	U F1	50.0	29.17	F1	ug/L		58	70 - 130
Ethyl methacrylate	<1.12	U	50.0	53.68		ug/L		107	70 - 130
Ethylbenzene	<0.385	U	50.0	55.36		ug/L		111	75 - 125
Hexane	<0.517	U	50.0	39.64		ug/L		79	72 - 125
Iodomethane	<5.00	U	50.0	53.87		ug/L		108	75 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86555-2 MS
Matrix: Water
Analysis Batch: 198955

Client Sample ID: MW-34-SR
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Isobutanol	<17.1	U	1240	1110		ug/L		90	60 - 140
Methacrylonitrile	<2.72	U	500	516.8		ug/L		103	70 - 130
Methyl methacrylate	<2.25	U	100	104.3		ug/L		104	70 - 130
Methyl tert-butyl ether	<1.39	U	50.0	49.26		ug/L		99	65 - 135
Methylene Chloride	<1.73	U	50.0	47.18		ug/L		94	75 - 125
Propionitrile	<3.34	U	500	491.7		ug/L		98	70 - 130
Propylbenzene	<0.429	U	50.0	51.35		ug/L		103	75 - 125
Styrene	<0.619	U	50.0	55.80		ug/L		112	75 - 125
Tetrachloroethene	<0.655	U	50.0	57.59		ug/L		115	71 - 125
Tetrahydrofuran	<1.83	U	100	88.03		ug/L		88	75 - 125
Toluene	<0.475	U	50.0	55.87		ug/L		112	59 - 139
trans-1,2-Dichloroethene	<0.368	U	50.0	53.53		ug/L		107	75 - 125
trans-1,3-Dichloropropene	<1.27	U	50.0	52.65		ug/L		105	66 - 125
trans-1,4-Dichloro-2-butene	<1.35	U	50.0	47.48		ug/L		95	70 - 130
Trichloroethene	<1.50	U	50.0	54.36		ug/L		109	62 - 137
Trichlorofluoromethane	<0.560	U	50.0	42.31		ug/L		85	60 - 140
Vinyl acetate	<2.14	U	250	297.7		ug/L		119	60 - 140
Vinyl chloride	<0.428	U	50.0	41.48		ug/L		83	60 - 140
Xylenes, Total	<1.24	U	100	110.4		ug/L		110	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.05627		mg/L		113	75 - 125
o-Xylene	<0.000502	U	0.0500	0.05408		mg/L		108	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-199385/1-A
Matrix: Water
Analysis Batch: 199556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199385

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/13/24 05:08	11/13/24 23:24	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/13/24 05:08	11/13/24 23:24	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/13/24 05:08	11/13/24 23:24	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/13/24 05:08	11/13/24 23:24	1
2,2'-oxybis[1-chloropropane]	1.599	J I	2.86	1.43	ug/L		11/13/24 05:08	11/13/24 23:24	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/13/24 05:08	11/13/24 23:24	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/13/24 05:08	11/13/24 23:24	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/13/24 05:08	11/13/24 23:24	1
2,4-Dimethylphenol	<0.192	U	0.571	0.192	ug/L		11/13/24 05:08	11/13/24 23:24	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		11/13/24 05:08	11/13/24 23:24	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/13/24 05:08	11/13/24 23:24	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/13/24 05:08	11/13/24 23:24	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/13/24 05:08	11/13/24 23:24	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/13/24 05:08	11/13/24 23:24	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199385/1-A
Matrix: Water
Analysis Batch: 199556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199385

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/13/24 05:08	11/13/24 23:24	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/13/24 05:08	11/13/24 23:24	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/13/24 05:08	11/13/24 23:24	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/13/24 05:08	11/13/24 23:24	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/13/24 05:08	11/13/24 23:24	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/13/24 05:08	11/13/24 23:24	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/13/24 05:08	11/13/24 23:24	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/13/24 05:08	11/13/24 23:24	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/13/24 05:08	11/13/24 23:24	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/13/24 05:08	11/13/24 23:24	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/13/24 05:08	11/13/24 23:24	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/13/24 05:08	11/13/24 23:24	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/13/24 05:08	11/13/24 23:24	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/13/24 05:08	11/13/24 23:24	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/13/24 05:08	11/13/24 23:24	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/13/24 05:08	11/13/24 23:24	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/13/24 05:08	11/13/24 23:24	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/13/24 05:08	11/13/24 23:24	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/13/24 05:08	11/13/24 23:24	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/13/24 05:08	11/13/24 23:24	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/13/24 05:08	11/13/24 23:24	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		11/13/24 05:08	11/13/24 23:24	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/13/24 05:08	11/13/24 23:24	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/13/24 05:08	11/13/24 23:24	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/13/24 05:08	11/13/24 23:24	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/13/24 05:08	11/13/24 23:24	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/13/24 05:08	11/13/24 23:24	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/13/24 05:08	11/13/24 23:24	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		11/13/24 05:08	11/13/24 23:24	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/13/24 05:08	11/13/24 23:24	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/13/24 05:08	11/13/24 23:24	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/13/24 05:08	11/13/24 23:24	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/13/24 05:08	11/13/24 23:24	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/13/24 05:08	11/13/24 23:24	1
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/13/24 05:08	11/13/24 23:24	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/13/24 05:08	11/13/24 23:24	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/13/24 05:08	11/13/24 23:24	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/13/24 05:08	11/13/24 23:24	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/13/24 05:08	11/13/24 23:24	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/13/24 05:08	11/13/24 23:24	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/13/24 05:08	11/13/24 23:24	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		11/13/24 05:08	11/13/24 23:24	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/13/24 05:08	11/13/24 23:24	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/13/24 05:08	11/13/24 23:24	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/13/24 05:08	11/13/24 23:24	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/13/24 05:08	11/13/24 23:24	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/13/24 05:08	11/13/24 23:24	1
Phenol	<0.448	U	2.86	0.448	ug/L		11/13/24 05:08	11/13/24 23:24	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/13/24 05:08	11/13/24 23:24	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199385/1-A
Matrix: Water
Analysis Batch: 199556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199385

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	<1.44	U	2.86	1.44	ug/L		11/13/24 05:08	11/13/24 23:24	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/13/24 05:08	11/13/24 23:24	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/13/24 05:08	11/13/24 23:24	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/13/24 05:08	11/13/24 23:24	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/13/24 05:08	11/13/24 23:24	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/13/24 05:08	11/13/24 23:24	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		11/13/24 05:08	11/13/24 23:24	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/13/24 05:08	11/13/24 23:24	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/13/24 05:08	11/13/24 23:24	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/13/24 05:08	11/13/24 23:24	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/13/24 05:08	11/13/24 23:24	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/13/24 05:08	11/13/24 23:24	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/13/24 05:08	11/13/24 23:24	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/13/24 05:08	11/13/24 23:24	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/13/24 05:08	11/13/24 23:24	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		11/13/24 05:08	11/13/24 23:24	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/13/24 05:08	11/13/24 23:24	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/13/24 05:08	11/13/24 23:24	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/13/24 05:08	11/13/24 23:24	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/13/24 05:08	11/13/24 23:24	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/13/24 05:08	11/13/24 23:24	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/13/24 05:08	11/13/24 23:24	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/13/24 05:08	11/13/24 23:24	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/13/24 05:08	11/13/24 23:24	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/13/24 05:08	11/13/24 23:24	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		11/13/24 05:08	11/13/24 23:24	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		11/13/24 05:08	11/13/24 23:24	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/13/24 05:08	11/13/24 23:24	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/13/24 05:08	11/13/24 23:24	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/13/24 05:08	11/13/24 23:24	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/13/24 05:08	11/13/24 23:24	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/13/24 05:08	11/13/24 23:24	1
Dimethoate	<0.122	U	0.571	0.122	ug/L		11/13/24 05:08	11/13/24 23:24	1
Dinoseb	<0.570	U	2.86	0.570	ug/L		11/13/24 05:08	11/13/24 23:24	1
Disulfoton	<0.203	U	0.571	0.203	ug/L		11/13/24 05:08	11/13/24 23:24	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/13/24 05:08	11/13/24 23:24	1
Ethyl Parathion	<0.0502	U	0.229	0.0502	ug/L		11/13/24 05:08	11/13/24 23:24	1
Famphur	<0.151	U	1.14	0.151	ug/L		11/13/24 05:08	11/13/24 23:24	1
Hexachloropropene	<0.300	U	0.571	0.300	ug/L		11/13/24 05:08	11/13/24 23:24	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/13/24 05:08	11/13/24 23:24	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/13/24 05:08	11/13/24 23:24	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/13/24 05:08	11/13/24 23:24	1
Methapyrilene	<1.00	U	2.29	1.00	ug/L		11/13/24 05:08	11/13/24 23:24	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/13/24 05:08	11/13/24 23:24	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		11/13/24 05:08	11/13/24 23:24	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/13/24 05:08	11/13/24 23:24	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		11/13/24 05:08	11/13/24 23:24	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/13/24 05:08	11/13/24 23:24	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/13/24 05:08	11/13/24 23:24	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199385/1-A
Matrix: Water
Analysis Batch: 199556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199385

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/13/24 05:08	11/13/24 23:24	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		11/13/24 05:08	11/13/24 23:24	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		11/13/24 05:08	11/13/24 23:24	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		11/13/24 05:08	11/13/24 23:24	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/13/24 05:08	11/13/24 23:24	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/13/24 05:08	11/13/24 23:24	1
Phorate	<0.221	U	0.571	0.221	ug/L		11/13/24 05:08	11/13/24 23:24	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		11/13/24 05:08	11/13/24 23:24	1
Pronamide	<0.100	U	0.571	0.100	ug/L		11/13/24 05:08	11/13/24 23:24	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/13/24 05:08	11/13/24 23:24	1
Sulfotepp	<0.147	U	0.571	0.147	ug/L		11/13/24 05:08	11/13/24 23:24	1
Thionazin	<0.208	U	1.14	0.208	ug/L		11/13/24 05:08	11/13/24 23:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*131*	*S1+*	*35 - 130*	*11/13/24 05:08*	*11/13/24 23:24*	*1*
2-Fluorobiphenyl	*137*	*S1+*	*43 - 130*	*11/13/24 05:08*	*11/13/24 23:24*	*1*
2-Fluorophenol (Surr)	*59*		*19 - 120*	*11/13/24 05:08*	*11/13/24 23:24*	*1*
Nitrobenzene-d5 (Surr)	*136*	*S1+*	*37 - 133*	*11/13/24 05:08*	*11/13/24 23:24*	*1*
Phenol-d5 (Surr)	*34*		*8 - 124*	*11/13/24 05:08*	*11/13/24 23:24*	*1*
p-Terphenyl-d14	*130*		*47 - 130*	*11/13/24 05:08*	*11/13/24 23:24*	*1*

Lab Sample ID: LCS 860-199385/2-A
Matrix: Water
Analysis Batch: 199556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199385

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	2.86	1.531		ug/L		54	32 - 130
1,2-Dichlorobenzene	2.86	1.661		ug/L		58	32 - 130
1,3-Dichlorobenzene	2.86	1.393		ug/L		49	26 - 130
1,4-Dichlorobenzene	2.86	1.514		ug/L		53	28 - 130
2,2'-oxybis[1-chloropropane]	2.86	4.670	I	ug/L		163	10 - 173
2,4,5-Trichlorophenol	2.86	3.498		ug/L		122	35 - 130
2,4,6-Trichlorophenol	2.86	3.156		ug/L		110	52 - 129
2,4-Dichlorophenol	2.86	3.229		ug/L		113	53 - 122
2,4-Dimethylphenol	2.86	4.573	*+	ug/L		160	42 - 120
1,4-Dioxane	2.86	0.9204		ug/L		32	27 - 130
2,4-Dinitrophenol	2.86	1.681	J	ug/L		59	12 - 173
2,4-Dinitrotoluene	2.86	3.881	*+	ug/L		136	48 - 127
2,6-Dinitrotoluene	2.86	3.350		ug/L		117	68 - 137
2-Chloronaphthalene	2.86	2.747		ug/L		96	10 - 130
2-Methylnaphthalene	2.86	2.255		ug/L		79	25 - 175
2-Methylphenol	2.86	3.283		ug/L		115	14 - 176
2-Nitroaniline	2.86	3.973	*+	ug/L		139	59 - 130
2-Nitrophenol	2.86	4.055		ug/L		142	45 - 167
3 & 4 Methylphenol	2.86	3.066		ug/L		107	22 - 130
3-Nitroaniline	2.86	2.442		ug/L		85	30 - 130
4,6-Dinitro-2-methylphenol	2.86	1.974		ug/L		69	10 - 130
4-Bromophenyl phenyl ether	2.86	3.453	*+	ug/L		121	65 - 120

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199385/2-A
Matrix: Water
Analysis Batch: 199556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199385

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chloro-3-methylphenol	2.86	3.543		ug/L		124	41 - 128
4-Chloroaniline	2.86	1.840		ug/L		64	30 - 130
4-Chlorophenyl phenyl ether	2.86	3.294		ug/L		115	38 - 145
4-Nitroaniline	2.86	3.216		ug/L		113	42 - 125
Acenaphthene	2.86	3.200		ug/L		112	60 - 132
Acenaphthylene	2.86	3.396		ug/L		119	54 - 126
Aniline	2.86	1.696		ug/L		59	15 - 130
Anthracene	2.86	3.407		ug/L		119	43 - 135
Benzo[a]anthracene	2.86	3.932	*+	ug/L		138	42 - 133
Benzo[a]pyrene	2.86	3.496		ug/L		122	32 - 148
Benzo[b]fluoranthene	2.86	3.872		ug/L		136	42 - 140
Benzo[g,h,i]perylene	2.86	3.255		ug/L		114	25 - 195
Benzo[k]fluoranthene	2.86	3.675		ug/L		129	25 - 146
Benzyl alcohol	2.86	1.879		ug/L		66	57 - 130
Bis(2-chloroethoxy)methane	2.86	3.542		ug/L		124	49 - 165
Bis(2-chloroethyl)ether	2.86	3.579		ug/L		125	43 - 126
Bis(2-ethylhexyl) phthalate	2.86	4.477	*+	ug/L		157	29 - 137
Butyl benzyl phthalate	2.86	3.908	*+	ug/L		137	28 - 130
Chrysene	2.86	3.595		ug/L		126	47 - 130
Dibenz(a,h)anthracene	2.86	3.417		ug/L		120	32 - 200
Dibenzofuran	2.86	3.516		ug/L		123	48 - 130
Diethyl phthalate	2.86	3.651	*+	ug/L		128	53 - 120
Dimethyl phthalate	2.86	4.054	*+	ug/L		142	67 - 120
Di-n-butyl phthalate	2.86	3.975	*+	ug/L		139	8 - 120
Di-n-octyl phthalate	2.86	5.010		ug/L		175	19 - 200
Fluoranthene	2.86	3.586		ug/L		126	43 - 130
Fluorene	2.86	3.539		ug/L		124	70 - 130
Hexachlorobenzene	2.86	2.904		ug/L		102	8 - 142
Hexachlorobutadiene	2.86	0.7536		ug/L		26	10 - 130
Hexachlorocyclopentadiene	2.86	1.786		ug/L		63	10 - 130
Hexachloroethane	2.86	0.9010		ug/L		32	10 - 130
Indeno[1,2,3-cd]pyrene	2.86	3.354		ug/L		117	29 - 151
Isophorone	2.86	3.412		ug/L		119	47 - 180
Naphthalene	2.86	2.498		ug/L		87	36 - 120
Nitrobenzene	2.86	3.506		ug/L		123	54 - 130
N-Nitrosodi-n-propylamine	2.86	4.135		ug/L		145	14 - 198
N-Nitrosodiphenylamine	2.86	3.636		ug/L		127	40 - 127
Pentachlorophenol	2.86	3.805		ug/L		133	38 - 152
Phenanthrene	2.86	3.434		ug/L		120	65 - 120
Phenol	2.86	1.332	J	ug/L		47	17 - 120
Pyrene	2.86	3.634		ug/L		127	70 - 130
Pyridine	2.86	1.876	J l	ug/L		66	1 - 126
N-Nitro-o-toluidine	2.86	3.197		ug/L		112	47 - 130
2,3,4,6-Tetrachlorophenol	2.86	3.380		ug/L		118	33 - 132
Acetophenone	2.86	4.219	*+	ug/L		148	58 - 130
N-Nitrosopiperidine	2.86	3.518		ug/L		123	54 - 130
Pentachlorobenzene	2.86	2.365		ug/L		83	47 - 130
Diphenyl ether	2.86	3.011		ug/L		105	61 - 130
1,1'-Biphenyl	2.86	2.813		ug/L		98	52 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199385/2-A
Matrix: Water
Analysis Batch: 199556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199385

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Aminobiphenyl	2.86	2.651		ug/L		93	35 - 130
1,2,4,5-Tetrachlorobenzene	2.86	1.721		ug/L		60	52 - 130
1,3,5-Trinitrobenzene	2.86	3.374		ug/L		118	42 - 130
1,3-Dinitrobenzene	2.86	3.582		ug/L		125	54 - 130
1,4-Naphthoquinone	2.86	3.483		ug/L		122	34 - 130
1-Naphthylamine	2.86	2.015		ug/L		71	40 - 130
2,6-Dichlorophenol	2.86	2.959		ug/L		104	40 - 130
2-Acetylaminofluorene	2.86	4.808	*+	ug/L		168	50 - 150
2-Chlorophenol	2.86	3.361		ug/L		118	36 - 120
2-Naphthylamine	2.86	1.877		ug/L		66	30 - 130
2-Picoline	2.86	1.467		ug/L		51	22 - 130
2-Toluidine	2.86	2.008		ug/L		70	30 - 130
3,3'-Dichlorobenzidine	2.86	3.440		ug/L		120	20 - 150
3,3'-Dimethylbenzidine	2.86	1.789		ug/L		63	30 - 130
3-Methylcholanthrene	2.86	3.543		ug/L		124	53 - 130
4-Nitroquinoline-1-oxide	2.86	2.902		ug/L		102	39 - 130
7,12-Dimethylbenz(a)anthracene	2.86	3.958	*+	ug/L		139	63 - 130
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U	ug/L		20	20 - 130
Aramite Peak 1	1.43	2.089	*+	ug/L		146	69 - 130
Aramite Peak 2	1.43	2.010	*+	ug/L		141	65 - 130
Diallate Peak 1	2.11	2.931	*+	ug/L		139	69 - 130
Diallate Peak 2	0.743	1.029	*+	ug/L		139	67 - 130
Ethyl methanesulfonate	2.86	2.778		ug/L		97	54 - 130
Hexachloropropene	2.86	0.9691	*-	ug/L		34	37 - 130
Isosafrole Peak 1	0.457	0.5050	J	ug/L		110	54 - 130
Isosafrole Peak 2	2.40	2.843		ug/L		118	62 - 130
Methyl methanesulfonate	2.86	1.021		ug/L		36	30 - 130
N-Nitrosodiethylamine	2.86	3.690		ug/L		129	54 - 130
N-Nitrosodimethylamine	2.86	0.9262		ug/L		32	28 - 126
N-Nitrosodi-n-butylamine	2.86	3.784	*+	ug/L		132	58 - 130
N-Nitrosomethylethylamine	2.86	1.972		ug/L		69	45 - 130
N-Nitrosomorpholine	2.86	1.616		ug/L		57	37 - 130
N-Nitrosopyrrolidine	2.86	2.268		ug/L		79	47 - 130
p-Dimethylamino azobenzene	2.86	3.567		ug/L		125	61 - 130
Pentachloronitrobenzene	2.86	3.798	*+	ug/L		133	56 - 130
Phenacetin	2.86	3.947	*+	ug/L		138	70 - 130
p-Phenylene diamine	2.86	0.6447	J	ug/L		23	3 - 120
Pronamide	2.86	3.882	*+	ug/L		136	70 - 130
Safrole, Total	2.86	3.286		ug/L		115	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*130*		*35 - 130*
2-Fluorobiphenyl	*116*		*43 - 130*
2-Fluorophenol (Surr)	*76*		*19 - 120*
Nitrobenzene-d5 (Surr)	*119*		*37 - 133*
Phenol-d5 (Surr)	*50*		*8 - 124*
p-Terphenyl-d14	*116*		*47 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199385/4-A
Matrix: Water
Analysis Batch: 199556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199385

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Dimethoate			2.86	10.92	*+	ug/L		382	45 - 138		
Dinoseb			5.71	13.63	*+	ug/L		239	49 - 130		
Disulfoton			5.71	11.40	*+	ug/L		200	38 - 134		
Ethyl Parathion			2.86	15.27	*+	ug/L		535	25 - 173		
Famphur			2.86	7.304	*+	ug/L		256	43 - 142		
Methapyrilene			5.71	20.90	*+	ug/L		366	70 - 183		
Methyl parathion			5.71	13.67	*+	ug/L		239	26 - 159		
o,o',o''-Triethylphosphorothioate			2.86	4.946	*+	ug/L		173	43 - 130		
Phorate			5.71	11.04	*+	ug/L		193	37 - 140		
Sulfotepp			2.86	12.00	*+	ug/L		420	28 - 158		
Thionazin			2.86	6.921	*+	ug/L		242	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*133*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*140*	*S1+*	*43 - 130*
2-Fluorophenol (Surr)	*74*		*19 - 120*
Nitrobenzene-d5 (Surr)	*147*	*S1+*	*37 - 133*
Phenol-d5 (Surr)	*52*		*8 - 124*
p-Terphenyl-d14	*118*		*47 - 130*

Lab Sample ID: LCSD 860-199385/3-A
Matrix: Water
Analysis Batch: 199556

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199385

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			2.86	1.631		ug/L		57	32 - 130	6	30
1,2-Dichlorobenzene			2.86	1.597		ug/L		56	32 - 130	4	30
1,3-Dichlorobenzene			2.86	1.342		ug/L		47	26 - 130	4	30
1,4-Dichlorobenzene			2.86	1.441		ug/L		50	28 - 130	5	30
2,2'-oxybis[1-chloropropane]			2.86	4.803	I	ug/L		168	10 - 173	3	30
2,4,5-Trichlorophenol			2.86	3.884	*+	ug/L		136	35 - 130	10	30
2,4,6-Trichlorophenol			2.86	3.322		ug/L		116	52 - 129	5	30
2,4-Dichlorophenol			2.86	3.410		ug/L		119	53 - 122	5	30
2,4-Dimethylphenol			2.86	4.942	*+	ug/L		173	42 - 120	8	30
1,4-Dioxane			2.86	0.9127		ug/L		32	27 - 130	1	30
2,4-Dinitrophenol			2.86	1.943	J	ug/L		68	12 - 173	14	30
2,4-Dinitrotoluene			2.86	3.878	*+	ug/L		136	48 - 127	0	30
2,6-Dinitrotoluene			2.86	3.904		ug/L		137	68 - 137	15	30
2-Chloronaphthalene			2.86	2.919		ug/L		102	10 - 130	6	30
2-Methylnaphthalene			2.86	2.332		ug/L		82	25 - 175	3	30
2-Methylphenol			2.86	3.228		ug/L		113	14 - 176	2	30
2-Nitroaniline			2.86	4.221	*+	ug/L		148	59 - 130	6	30
2-Nitrophenol			2.86	4.425		ug/L		155	45 - 167	9	30
3 & 4 Methylphenol			2.86	2.968		ug/L		104	22 - 130	3	30
3-Nitroaniline			2.86	2.480		ug/L		87	30 - 130	2	30
4,6-Dinitro-2-methylphenol			2.86	1.968		ug/L		69	10 - 130	0	30
4-Bromophenyl phenyl ether			2.86	3.485	*+	ug/L		122	65 - 120	1	30
4-Chloro-3-methylphenol			2.86	3.875	*+	ug/L		136	41 - 128	9	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199385/3-A
Matrix: Water
Analysis Batch: 199556

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199385

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chloroaniline	2.86	1.987		ug/L		70	30 - 130	8	30
4-Chlorophenyl phenyl ether	2.86	3.290		ug/L		115	38 - 145	0	30
4-Nitroaniline	2.86	3.016		ug/L		106	42 - 125	6	30
Acenaphthene	2.86	3.121		ug/L		109	60 - 132	3	30
Acenaphthylene	2.86	3.690	*+	ug/L		129	54 - 126	8	30
Aniline	2.86	1.610		ug/L		56	15 - 130	5	30
Anthracene	2.86	3.505		ug/L		123	43 - 135	3	30
Benzo[a]anthracene	2.86	4.112	*+	ug/L		144	42 - 133	4	30
Benzo[a]pyrene	2.86	3.852		ug/L		135	32 - 148	10	30
Benzo[b]fluoranthene	2.86	3.972		ug/L		139	42 - 140	3	30
Benzo[g,h,i]perylene	2.86	3.575		ug/L		125	25 - 195	9	30
Benzo[k]fluoranthene	2.86	3.720		ug/L		130	25 - 146	1	30
Benzyl alcohol	2.86	1.802		ug/L		63	57 - 130	4	30
Bis(2-chloroethoxy)methane	2.86	3.814		ug/L		133	49 - 165	7	30
Bis(2-chloroethyl)ether	2.86	3.561		ug/L		125	43 - 126	0	30
Bis(2-ethylhexyl) phthalate	2.86	4.558	*+	ug/L		160	29 - 137	2	30
Butyl benzyl phthalate	2.86	3.931	*+	ug/L		138	28 - 130	1	30
Chrysene	2.86	3.682		ug/L		129	47 - 130	2	30
Dibenz(a,h)anthracene	2.86	3.790		ug/L		133	32 - 200	10	30
Dibenzofuran	2.86	3.583		ug/L		125	48 - 130	2	30
Diethyl phthalate	2.86	3.761	*+	ug/L		132	53 - 120	3	30
Dimethyl phthalate	2.86	4.394	*+	ug/L		154	67 - 120	8	30
Di-n-butyl phthalate	2.86	4.016	*+	ug/L		141	8 - 120	1	30
Di-n-octyl phthalate	2.86	5.104		ug/L		179	19 - 200	2	30
Fluoranthene	2.86	3.613		ug/L		126	43 - 130	1	30
Fluorene	2.86	3.417		ug/L		120	70 - 130	4	30
Hexachlorobenzene	2.86	3.112		ug/L		109	8 - 142	7	30
Hexachlorobutadiene	2.86	0.8061		ug/L		28	10 - 130	7	30
Hexachlorocyclopentadiene	2.86	1.873		ug/L		66	10 - 130	5	30
Hexachloroethane	2.86	0.9624		ug/L		34	10 - 130	7	30
Indeno[1,2,3-cd]pyrene	2.86	3.694		ug/L		129	29 - 151	10	30
Isophorone	2.86	3.700		ug/L		129	47 - 180	8	30
Naphthalene	2.86	2.627		ug/L		92	36 - 120	5	30
Nitrobenzene	2.86	3.453		ug/L		121	54 - 130	2	30
N-Nitrosodi-n-propylamine	2.86	4.054		ug/L		142	14 - 198	2	30
N-Nitrosodiphenylamine	2.86	3.635		ug/L		127	40 - 127	0	30
Pentachlorophenol	2.86	3.499		ug/L		122	38 - 152	8	30
Phenanthrene	2.86	3.581	*+	ug/L		125	65 - 120	4	30
Phenol	2.86	1.271	J	ug/L		45	17 - 120	5	30
Pyrene	2.86	3.692		ug/L		129	70 - 130	2	30
Pyridine	2.86	3.018	*1	ug/L		106	1 - 126	47	30
N-Nitro-o-toluidine	2.86	3.208		ug/L		112	47 - 130	0	30
2,3,4,6-Tetrachlorophenol	2.86	3.305		ug/L		116	33 - 132	2	30
Acetophenone	2.86	4.165	*+	ug/L		146	58 - 130	1	30
N-Nitrosopiperidine	2.86	3.841	*+	ug/L		134	54 - 130	9	30
Pentachlorobenzene	2.86	2.288		ug/L		80	47 - 130	3	30
Diphenyl ether	2.86	3.244		ug/L		114	61 - 130	7	30
1,1'-Biphenyl	2.86	3.037		ug/L		106	52 - 130	8	30
4-Aminobiphenyl	2.86	2.660		ug/L		93	35 - 130	0	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199385/3-A
Matrix: Water
Analysis Batch: 199556

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199385

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4,5-Tetrachlorobenzene			2.86	1.791		ug/L		63	52 - 130	4	30
1,3,5-Trinitrobenzene			2.86	3.875	*+	ug/L		136	42 - 130	14	30
1,3-Dinitrobenzene			2.86	3.868	*+	ug/L		135	54 - 130	8	30
1,4-Naphthoquinone			2.86	3.779	*+	ug/L		132	34 - 130	8	30
1-Naphthylamine			2.86	2.091		ug/L		73	40 - 130	4	30
2,6-Dichlorophenol			2.86	3.058		ug/L		107	40 - 130	3	30
2-Acetylaminofluorene			2.86	5.019	*+	ug/L		176	50 - 150	4	30
2-Chlorophenol			2.86	3.175		ug/L		111	36 - 120	6	30
2-Naphthylamine			2.86	1.932		ug/L		68	30 - 130	3	30
2-Picoline			2.86	1.437		ug/L		50	22 - 130	2	30
2-Toluidine			2.86	1.987		ug/L		70	30 - 130	1	30
3,3'-Dichlorobenzidine			2.86	3.402		ug/L		119	20 - 150	1	30
3,3'-Dimethylbenzidine			2.86	1.739		ug/L		61	30 - 130	3	30
3-Methylcholanthrene			2.86	3.887	*+	ug/L		136	53 - 130	9	30
4-Nitroquinoline-1-oxide			2.86	3.148		ug/L		110	39 - 130	8	30
7,12-Dimethylbenz(a)anthracene			2.86	4.103	*+	ug/L		144	63 - 130	4	30
alpha,alpha-Dimethyl phenethylamine			2.86	<3.67	U *- *1	ug/L		0	20 - 130	200	30
Aramite Peak 1			1.43	2.024	*+	ug/L		142	69 - 130	3	30
Aramite Peak 2			1.43	2.037	*+	ug/L		143	65 - 130	1	30
Diallate Peak 1			2.11	2.907	*+	ug/L		137	69 - 130	1	30
Diallate Peak 2			0.743	1.004	*+	ug/L		135	67 - 130	3	30
Ethyl methanesulfonate			2.86	2.701		ug/L		95	54 - 130	3	30
Hexachloropropene			2.86	1.021	*-	ug/L		36	37 - 130	5	30
Isosafrole Peak 1			0.457	0.5547	J	ug/L		121	54 - 130	9	30
Isosafrole Peak 2			2.40	3.008		ug/L		125	62 - 130	6	30
Methyl methanesulfonate			2.86	0.9822		ug/L		34	30 - 130	4	30
N-Nitrosodiethylamine			2.86	3.629		ug/L		127	54 - 130	2	30
N-Nitrosodimethylamine			2.86	0.9004		ug/L		32	28 - 126	3	30
N-Nitrosodi-n-butylamine			2.86	4.005	*+	ug/L		140	58 - 130	6	30
N-Nitrosomethylethylamine			2.86	1.869		ug/L		65	45 - 130	5	30
N-Nitrosomorpholine			2.86	1.539		ug/L		54	37 - 130	5	30
N-Nitrosopyrrolidine			2.86	2.142		ug/L		75	47 - 130	6	30
p-Dimethylamino azobenzene			2.86	3.743	*+	ug/L		131	61 - 130	5	30
Pentachloronitrobenzene			2.86	3.918	*+	ug/L		137	56 - 130	3	30
Phenacetin			2.86	4.176	*+	ug/L		146	70 - 130	6	30
p-Phenylene diamine			2.86	0.6124	J I	ug/L		21	3 - 120	5	30
Pronamide			2.86	3.869	*+	ug/L		135	70 - 130	0	30
Safrole, Total			2.86	3.491		ug/L		122	70 - 130	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*130*		*35 - 130*
2-Fluorobiphenyl	*117*		*43 - 130*
2-Fluorophenol (Surr)	*73*		*19 - 120*
Nitrobenzene-d5 (Surr)	*128*		*37 - 133*
Phenol-d5 (Surr)	*48*		*8 - 124*
p-Terphenyl-d14	*117*		*47 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199385/5-A
Matrix: Water
Analysis Batch: 199556

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199385

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethoate			2.86	11.60	*+	ug/L		406	45 - 138	6	30
Dinoseb			5.71	14.25	*+	ug/L		249	49 - 130	4	30
Disulfoton			5.71	12.53	*+	ug/L		219	38 - 134	9	30
Ethyl Parathion			2.86	16.88	*+	ug/L		591	25 - 173	10	30
Famphur			2.86	8.192	*+	ug/L		287	43 - 142	11	30
Methapyrilene			5.71	22.79	*+	ug/L		399	70 - 183	9	30
Methyl parathion			5.71	14.95	*+	ug/L		262	26 - 159	9	30
o,o',o''-Triethylphosphorothioate			2.86	4.802	*+	ug/L		168	43 - 130	3	30
Phorate			5.71	11.94	*+	ug/L		209	37 - 140	8	30
Sulfotepp			2.86	13.40	*+	ug/L		469	28 - 158	11	30
Thionazin			2.86	7.145	*+	ug/L		250	50 - 150	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*140*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*150*	*S1+*	*43 - 130*
2-Fluorophenol (Surr)	*69*		*19 - 120*
Nitrobenzene-d5 (Surr)	*150*	*S1+*	*37 - 133*
Phenol-d5 (Surr)	*46*		*8 - 124*
p-Terphenyl-d14	*137*	*S1+*	*47 - 130*

QC Association Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

GC/MS VOA

Analysis Batch: 198955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86555-1	TB-02	Total/NA	Water	8260D	
860-86555-2	MW-34-SR	Total/NA	Water	8260D	
860-86555-3	MW-25	Total/NA	Water	8260D	
860-86555-4	MW-34-DR	Total/NA	Water	8260D	
860-86555-5	MW-129-D	Total/NA	Water	8260D	
860-86555-6	MW-32-S	Total/NA	Water	8260D	
860-86555-7	MW-32-D	Total/NA	Water	8260D	
860-86555-8	MW-27-S	Total/NA	Water	8260D	
860-86555-9	MW-27-D	Total/NA	Water	8260D	
860-86555-10	RB-02	Total/NA	Water	8260D	
860-86555-11	MW-31-S	Total/NA	Water	8260D	
MB 860-198955/9	Method Blank	Total/NA	Water	8260D	
LCS 860-198955/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-198955/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-86555-2 MS	MW-34-SR	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 199385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86555-2	MW-34-SR	Total/NA	Water	3511	
860-86555-3	MW-25	Total/NA	Water	3511	
860-86555-4	MW-34-DR	Total/NA	Water	3511	
860-86555-4 - DL	MW-34-DR	Total/NA	Water	3511	
860-86555-5	MW-129-D	Total/NA	Water	3511	
860-86555-6	MW-32-S	Total/NA	Water	3511	
860-86555-7	MW-32-D	Total/NA	Water	3511	
860-86555-8	MW-27-S	Total/NA	Water	3511	
860-86555-9	MW-27-D	Total/NA	Water	3511	
860-86555-10	RB-02	Total/NA	Water	3511	
860-86555-11	MW-31-S	Total/NA	Water	3511	
MB 860-199385/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-199385/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-199385/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-199385/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-199385/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 199556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-199385/1-A	Method Blank	Total/NA	Water	8270E	199385
LCS 860-199385/2-A	Lab Control Sample	Total/NA	Water	8270E	199385
LCS 860-199385/4-A	Lab Control Sample	Total/NA	Water	8270E	199385
LCSD 860-199385/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	199385
LCSD 860-199385/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	199385

Analysis Batch: 203992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86555-2	MW-34-SR	Total/NA	Water	8270E	199385
860-86555-3	MW-25	Total/NA	Water	8270E	199385
860-86555-4	MW-34-DR	Total/NA	Water	8270E	199385
860-86555-5	MW-129-D	Total/NA	Water	8270E	199385

GC/MS Semi VOA (Continued)

Analysis Batch: 203992 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86555-6	MW-32-S	Total/NA	Water	8270E	199385
860-86555-7	MW-32-D	Total/NA	Water	8270E	199385
860-86555-8	MW-27-S	Total/NA	Water	8270E	199385
860-86555-9	MW-27-D	Total/NA	Water	8270E	199385
860-86555-10	RB-02	Total/NA	Water	8270E	199385
860-86555-11	MW-31-S	Total/NA	Water	8270E	199385

Analysis Batch: 204271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86555-4 - DL	MW-34-DR	Total/NA	Water	8270E	199385

Lab Chronicle

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

Client Sample ID: TB-02
Date Collected: 11/06/24 00:00
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198955	11/11/24 21:51	NA	EET HOU

Client Sample ID: MW-34-SR
Date Collected: 11/06/24 09:41
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198955	11/11/24 22:11	NA	EET HOU
Total/NA	Prep	3511			70.5 mL	4 mL	199385	11/13/24 05:08	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	203992	12/07/24 10:40	PXS	EET HOU

Client Sample ID: MW-25
Date Collected: 11/06/24 10:15
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198955	11/11/24 22:32	NA	EET HOU
Total/NA	Prep	3511			70.2 mL	4 mL	199385	11/13/24 05:08	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	203992	12/07/24 11:10	PXS	EET HOU

Client Sample ID: MW-34-DR
Date Collected: 11/06/24 10:25
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198955	11/11/24 22:52	NA	EET HOU
Total/NA	Prep	3511			71 mL	4 mL	199385	11/13/24 05:08	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	203992	12/07/24 11:40	PXS	EET HOU
Total/NA	Prep	3511	DL		71 mL	4 mL	199385	11/13/24 05:08	DR	EET HOU
Total/NA	Analysis	8270E	DL	50	1 mL	1 mL	204271	12/10/24 03:04	LPL	EET HOU

Client Sample ID: MW-129-D
Date Collected: 11/06/24 11:16
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198955	11/11/24 23:13	NA	EET HOU
Total/NA	Prep	3511			70.2 mL	4 mL	199385	11/13/24 05:08	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	203992	12/07/24 12:10	PXS	EET HOU

Client Sample ID: MW-32-S
Date Collected: 11/06/24 11:43
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198955	11/11/24 23:33	NA	EET HOU

Client Sample ID: MW-32-S
Lab Sample ID: 860-86555-6
Date Collected: 11/06/24 11:43
Matrix: Water
Date Received: 11/07/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			70.3 mL	4 mL	199385	11/13/24 05:08	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	203992	12/07/24 12:41	PXS	EET HOU

Client Sample ID: MW-32-D
Lab Sample ID: 860-86555-7
Date Collected: 11/06/24 13:15
Matrix: Water
Date Received: 11/07/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198955	11/11/24 23:54	NA	EET HOU
Total/NA	Prep	3511			70.6 mL	4 mL	199385	11/13/24 05:08	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	203992	12/07/24 13:11	PXS	EET HOU

Client Sample ID: MW-27-S
Lab Sample ID: 860-86555-8
Date Collected: 11/06/24 13:29
Matrix: Water
Date Received: 11/07/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198955	11/12/24 00:14	NA	EET HOU
Total/NA	Prep	3511			70.7 mL	4 mL	199385	11/13/24 05:08	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	203992	12/07/24 13:41	PXS	EET HOU

Client Sample ID: MW-27-D
Lab Sample ID: 860-86555-9
Date Collected: 11/06/24 14:08
Matrix: Water
Date Received: 11/07/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198955	11/12/24 00:35	NA	EET HOU
Total/NA	Prep	3511			70.4 mL	4 mL	199385	11/13/24 05:08	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	203992	12/07/24 14:11	PXS	EET HOU

Client Sample ID: RB-02
Lab Sample ID: 860-86555-10
Date Collected: 11/06/24 14:38
Matrix: Water
Date Received: 11/07/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198955	11/12/24 00:55	NA	EET HOU
Total/NA	Prep	3511			70.2 mL	4 mL	199385	11/13/24 05:08	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	203992	12/07/24 14:41	PXS	EET HOU

Client Sample ID: MW-31-S
Lab Sample ID: 860-86555-11
Date Collected: 11/06/24 15:03
Matrix: Water
Date Received: 11/07/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198955	11/12/24 01:16	NA	EET HOU

Lab Chronicle

Client: Ashland LLC
Job ID: 860-86555-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: MW-31-S
Date Collected: 11/06/24 15:03
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86555-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			70 mL	4 mL	199385	11/13/24 05:08	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	203992	12/07/24 15:11	PXS	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Ashland LLC
Job ID: 860-86555-1
Project/Site: Hercules Hattiesburg, MS

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-03-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	06-30-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	06-30-25
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86555-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-86555-1	TB-02	Water	11/06/24 00:00	11/07/24 09:52
860-86555-2	MW-34-SR	Water	11/06/24 09:41	11/07/24 09:52
860-86555-3	MW-25	Water	11/06/24 10:15	11/07/24 09:52
860-86555-4	MW-34-DR	Water	11/06/24 10:25	11/07/24 09:52
860-86555-5	MW-129-D	Water	11/06/24 11:16	11/07/24 09:52
860-86555-6	MW-32-S	Water	11/06/24 11:43	11/07/24 09:52
860-86555-7	MW-32-D	Water	11/06/24 13:15	11/07/24 09:52
860-86555-8	MW-27-S	Water	11/06/24 13:29	11/07/24 09:52
860-86555-9	MW-27-D	Water	11/06/24 14:08	11/07/24 09:52
860-86555-10	RB-02	Water	11/06/24 14:38	11/07/24 09:52
860-86555-11	MW-31-S	Water	11/06/24 15:03	11/07/24 09:52

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

Fresh #1

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Client Information	Sampler: Kmontgomery/BCassidy	Lab PM: Kudchadkar Sachin G	Carrier Tracking No(s):	COC No: 860-33465-10045.1
Client Contact: Mr Antonio Cardoso	Phone: 225-205-8246	E-Mail: Sachin.Kudchadkar@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Arcadis US Inc.	PWSID:			Job #:
Address: 4300 West Cypress Street Suite 450	Due Date Requested:			
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33607	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 1095575			
Email: antonio.cardoso@arcadis.com	WO #:			
Project Name: Hercules Hattiesburg, MS	Project #: 86006085			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ (MOD) Appendix 9 SVOCs	8260D (MOD) Appendix 9 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
TB-02	11/6/24	—	G	Water	N	N		X	2	
MW-34-3R	"	0911	G	Water	N	N	X	X	7	
MW-25	"	1015	G	Water	N	N	X	X	7	
MW-34DR	"	1225	G	Water	N	N	X	X	7	
MW-129-D	"	1116	G	Water	N	N	X	X	7	
MW-22-S	"	1143	G	Water	N	N	X	X	7	
MW-32-D	"	1315	G	Water	N	N	X	X	7	
MW-02-S	"	1329	G	Water	N	N	X	X	7	
MW-27-D	"	1408	G	Water	N	N	X	X	7	
RB-02	"	1438	G	Water	N	N	X	X	7	
MW-31-S	"	1503	G	Water	N	N	X	X	7	

Temp: 19 IR ID: HOU-368
C/F: -0.1
Corrected Temp: 18

860-86555 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Kmontgomery	11-6-24 1600	Arcadis	Fedex		
Fedex			LRS	11/7/24 952	E

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: Ashland LLC

Job Number: 860-86555-1

Login Number: 86555
List Number: 1
Creator: Rubio, Yuri

List Source: Eurofins Houston

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Timothy Hassett
Ashland LLC
Ashland Hercules Research Center
500 Hercules Rd Bldg 8145
Wilmington, Delaware 19808

Generated 12/13/2024 9:51:55 AM

JOB DESCRIPTION

Hercules Hattiesburg, MS

JOB NUMBER

860-86556-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
12/13/2024 9:51:55 AM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Definitions/Glossary

Client: Ashland LLC
Job ID: 860-86556-1
Project/Site: Hercules Hattiesburg, MS

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
E	Result exceeded calibration range.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
860-86556-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/7/2024 9:52 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.8°C.

GC/MS VOA
Method 8260D: The matrix spike/matrix spike duplicate (MS/MSD) for analytical batch 860-198955 exceeded control limits for the following analyte(s): Dichlorodifluoromethane, Note that this analyte is a known poor performer when analyzed using this method.

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-198955 recovered outside acceptance criteria, low biased, for Dichlorodifluoromethane, Chloromethane, Vinyl chloride, Acetone, Isopropyl alcohol, Isobutyl alcohol, Hexane, Butadiene and Bromomethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260D: The matrix spike (MS) recoveries for analytical batch 860-199129 were outside control limits. Sample matrix interference is suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200430 recovered above the upper control limit for Dinoseb. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-200430/3).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200430 recovered above the upper control limit for 2,4-Dinitrophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-200430/2).

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-203992 recovered above the upper control limit for Anthracene, Methyl methanesulfonate, p-Terphenyl-d14, 3 & 4 Methylphenol, Phenanthrene, Chrysene and Isophorone. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-203992/2).

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-199383 and analytical batch 860-200430 recovered outside acceptance limits for multiple analytes. There was insufficient sample to perform a re-extraction or re-analysis; therefore, the data have been reported.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200430 recovered above the upper control limit for Methapyrilene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-200430/3).

Method 8270E_QQQ: Internal standard (ISTD) Chrysene-d12 for the following sample in analytical batch 860-200430 was outside

Job ID: 860-86556-1 (Continued) Eurofins Houston

acceptance criteria: (CCV 860-200430/3). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-204299 recovered above the upper control limit for p-Terphenyl-d14 (Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-204299/2).

Method 8270E_QQQ: Internal standard (ISTD) Perylene-d12 for the following sample in analytical batch 860-204299 was outside acceptance criteria: MW-43 (860-86556-2). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Ashland LLC
Job ID: 860-86556-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: MW-47 — Lab Sample ID: 860-86556-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	18.9		0.568	0.0885	ug/L	1		8270E	Total/NA
Diphenyl ether	0.140	J	0.568	0.0905	ug/L	1		8270E	Total/NA

Client Sample ID: MW-43 — Lab Sample ID: 860-86556-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.925	J	1.00	0.460	ug/L	1		8260D	Total/NA
1,4-Dioxane	6.91		0.568	0.0885	ug/L	1		8270E	Total/NA
2-Methylnaphthalene	0.219	J	0.568	0.0599	ug/L	1		8270E	Total/NA
Acenaphthene	3.72		0.568	0.107	ug/L	1		8270E	Total/NA
Dibenzofuran	0.392	J	0.568	0.106	ug/L	1		8270E	Total/NA
Fluorene	1.35		0.568	0.0943	ug/L	1		8270E	Total/NA
Naphthalene	2.17		0.568	0.0939	ug/L	1		8270E	Total/NA
Diphenyl ether	1.21		0.568	0.0905	ug/L	1		8270E	Total/NA
1,1'-Biphenyl	0.324	J	0.568	0.0976	ug/L	1		8270E	Total/NA
3 & 4 Methylphenol - RA	0.634		0.568	0.138	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86556-1

Client Sample ID: MW-47
Date Collected: 11/06/24 08:24
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86556-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 01:36	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 01:36	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 01:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/12/24 01:36	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 01:36	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 01:36	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 01:36	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 01:36	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 01:36	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 01:36	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 01:36	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 01:36	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 01:36	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 01:36	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 01:36	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/12/24 01:36	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 01:36	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 01:36	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/12/24 01:36	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 01:36	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 01:36	1
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 01:36	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 01:36	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 01:36	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 01:36	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 01:36	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/12/24 01:36	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 01:36	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 01:36	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/12/24 01:36	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 01:36	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 01:36	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 01:36	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 01:36	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 01:36	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 01:36	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 01:36	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 01:36	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 01:36	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 01:36	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/12/24 01:36	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 01:36	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 01:36	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 01:36	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 01:36	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/12/24 01:36	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/12/24 01:36	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 01:36	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/12/24 01:36	1

Client Sample ID: MW-47
Date Collected: 11/06/24 08:24
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86556-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 01:36	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 01:36	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 01:36	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/12/24 01:36	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 01:36	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 01:36	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 01:36	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 01:36	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 01:36	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 01:36	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 01:36	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 01:36	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 01:36	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 01:36	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 01:36	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 01:36	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 01:36	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 01:36	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 01:36	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 01:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*		*11/12/24 01:36*	*1*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*11/12/24 01:36*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/12/24 01:36*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/12/24 01:36*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0762	U	0.568	0.0762	ug/L		11/13/24 05:02	12/07/24 15:41	1
1,2-Dichlorobenzene	<0.0935	U	0.568	0.0935	ug/L		11/13/24 05:02	12/07/24 15:41	1
1,3-Dichlorobenzene	<0.101	U	0.568	0.101	ug/L		11/13/24 05:02	12/07/24 15:41	1
1,4-Dichlorobenzene	<0.0775	U	0.568	0.0775	ug/L		11/13/24 05:02	12/07/24 15:41	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.84	1.42	ug/L		11/13/24 05:02	12/07/24 15:41	1
2,4,5-Trichlorophenol	<0.142	U	0.568	0.142	ug/L		11/13/24 05:02	12/07/24 15:41	1
2,4,6-Trichlorophenol	<0.229	U	0.568	0.229	ug/L		11/13/24 05:02	12/07/24 15:41	1
2,4-Dichlorophenol	<0.139	U	0.568	0.139	ug/L		11/13/24 05:02	12/07/24 15:41	1
2,4-Dimethylphenol	<0.191	U *+	0.568	0.191	ug/L		11/13/24 05:02	12/07/24 15:41	1
1,4-Dioxane	**18.9**		0.568	0.0885	ug/L		11/13/24 05:02	12/07/24 15:41	1
2,4-Dinitrophenol	<0.104	U	2.84	0.104	ug/L		11/13/24 05:02	12/07/24 15:41	1
2,4-Dinitrotoluene	<0.203	U	0.568	0.203	ug/L		11/13/24 05:02	12/07/24 15:41	1
2,6-Dinitrotoluene	<0.116	U	0.568	0.116	ug/L		11/13/24 05:02	12/07/24 15:41	1
2-Chloronaphthalene	<0.376	U	0.568	0.376	ug/L		11/13/24 05:02	12/07/24 15:41	1
2-Methylnaphthalene	<0.0599	U	0.568	0.0599	ug/L		11/13/24 05:02	12/07/24 15:41	1
2-Methylphenol	<0.104	U	0.568	0.104	ug/L		11/13/24 05:02	12/07/24 15:41	1
2-Nitroaniline	<0.148	U	0.568	0.148	ug/L		11/13/24 05:02	12/07/24 15:41	1
2-Nitrophenol	<0.135	U	0.568	0.135	ug/L		11/13/24 05:02	12/07/24 15:41	1
3 & 4 Methylphenol	<0.138	U	0.568	0.138	ug/L		11/13/24 05:02	12/07/24 15:41	1
3-Nitroaniline	<0.0848	U	0.568	0.0848	ug/L		11/13/24 05:02	12/07/24 15:41	1
4,6-Dinitro-2-methylphenol	<0.200	U	1.14	0.200	ug/L		11/13/24 05:02	12/07/24 15:41	1

Client Sample ID: MW-47
Lab Sample ID: 860-86556-1
Date Collected: 11/06/24 08:24
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	<0.0997	U	0.568	0.0997	ug/L		11/13/24 05:02	12/07/24 15:41	1
4-Chloro-3-methylphenol	<0.103	U	0.568	0.103	ug/L		11/13/24 05:02	12/07/24 15:41	1
4-Chloroaniline	<0.0383	U	0.568	0.0383	ug/L		11/13/24 05:02	12/07/24 15:41	1
4-Chlorophenyl phenyl ether	<0.130	U	0.568	0.130	ug/L		11/13/24 05:02	12/07/24 15:41	1
4-Nitroaniline	<0.108	U	0.568	0.108	ug/L		11/13/24 05:02	12/07/24 15:41	1
Acenaphthene	<0.107	U	0.568	0.107	ug/L		11/13/24 05:02	12/07/24 15:41	1
Acenaphthylene	<0.0991	U	0.568	0.0991	ug/L		11/13/24 05:02	12/07/24 15:41	1
Aniline	<0.0576	U	0.568	0.0576	ug/L		11/13/24 05:02	12/07/24 15:41	1
Anthracene	<0.0933	U	0.568	0.0933	ug/L		11/13/24 05:02	12/07/24 15:41	1
Benzo[a]anthracene	<0.0284	U	0.0284	0.0284	ug/L		11/13/24 05:02	12/07/24 15:41	1
Benzo[a]pyrene	<0.0298	U	0.0568	0.0298	ug/L		11/13/24 05:02	12/07/24 15:41	1
Benzo[b]fluoranthene	<0.0660	U	0.568	0.0660	ug/L		11/13/24 05:02	12/07/24 15:41	1
Benzo[g,h,i]perylene	<0.0343	U	0.568	0.0343	ug/L		11/13/24 05:02	12/07/24 15:41	1
Benzo[k]fluoranthene	<0.0470	U	0.568	0.0470	ug/L		11/13/24 05:02	12/07/24 15:41	1
Benzyl alcohol	<0.597	U *-	1.14	0.597	ug/L		11/13/24 05:02	12/07/24 15:41	1
Bis(2-chloroethoxy)methane	<0.0969	U	0.568	0.0969	ug/L		11/13/24 05:02	12/07/24 15:41	1
Bis(2-chloroethyl)ether	<0.213	U *+	0.568	0.213	ug/L		11/13/24 05:02	12/07/24 15:41	1
Bis(2-ethylhexyl) phthalate	<0.895	U	1.14	0.895	ug/L		11/13/24 05:02	12/07/24 15:41	1
Butyl benzyl phthalate	<0.497	U	1.14	0.497	ug/L		11/13/24 05:02	12/07/24 15:41	1
Chrysene	<0.0811	U	0.568	0.0811	ug/L		11/13/24 05:02	12/07/24 15:41	1
Dibenz(a,h)anthracene	<0.0506	U	0.114	0.0506	ug/L		11/13/24 05:02	12/07/24 15:41	1
Dibenzofuran	<0.106	U	0.568	0.106	ug/L		11/13/24 05:02	12/07/24 15:41	1
Diethyl phthalate	<0.154	U	1.14	0.154	ug/L		11/13/24 05:02	12/07/24 15:41	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/13/24 05:02	12/07/24 15:41	1
Di-n-butyl phthalate	<0.761	U	1.14	0.761	ug/L		11/13/24 05:02	12/07/24 15:41	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/13/24 05:02	12/07/24 15:41	1
Fluoranthene	<0.0878	U	0.568	0.0878	ug/L		11/13/24 05:02	12/07/24 15:41	1
Fluorene	<0.0943	U	0.568	0.0943	ug/L		11/13/24 05:02	12/07/24 15:41	1
Hexachlorobenzene	<0.0969	U	0.568	0.0969	ug/L		11/13/24 05:02	12/07/24 15:41	1
Hexachlorobutadiene	<0.102	U	0.568	0.102	ug/L		11/13/24 05:02	12/07/24 15:41	1
Hexachlorocyclopentadiene	<0.0509	U	0.568	0.0509	ug/L		11/13/24 05:02	12/07/24 15:41	1
Hexachloroethane	<0.101	U	0.568	0.101	ug/L		11/13/24 05:02	12/07/24 15:41	1
Indeno[1,2,3-cd]pyrene	<0.0994	U	0.568	0.0994	ug/L		11/13/24 05:02	12/07/24 15:41	1
Isophorone	<0.106	U	0.568	0.106	ug/L		11/13/24 05:02	12/07/24 15:41	1
Naphthalene	<0.0939	U	0.568	0.0939	ug/L		11/13/24 05:02	12/07/24 15:41	1
Nitrobenzene	<0.0732	U	0.568	0.0732	ug/L		11/13/24 05:02	12/07/24 15:41	1
N-Nitrosodi-n-propylamine	<0.118	U	0.568	0.118	ug/L		11/13/24 05:02	12/07/24 15:41	1
N-Nitrosodiphenylamine	<0.144	U	0.568	0.144	ug/L		11/13/24 05:02	12/07/24 15:41	1
Pentachlorophenol	<1.03	U	1.14	1.03	ug/L		11/13/24 05:02	12/07/24 15:41	1
Phenanthrene	<0.133	U	0.568	0.133	ug/L		11/13/24 05:02	12/07/24 15:41	1
Phenol	<0.446	U	2.84	0.446	ug/L		11/13/24 05:02	12/07/24 15:41	1
Pyrene	<0.0844	U	0.568	0.0844	ug/L		11/13/24 05:02	12/07/24 15:41	1
Pyridine	<1.43	U *-	2.84	1.43	ug/L		11/13/24 05:02	12/07/24 15:41	1
N-Nitro-o-toluidine	<0.517	U	1.14	0.517	ug/L		11/13/24 05:02	12/07/24 15:41	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.568	0.209	ug/L		11/13/24 05:02	12/07/24 15:41	1
Acetophenone	<0.620	U	1.14	0.620	ug/L		11/13/24 05:02	12/07/24 15:41	1
N-Nitrosopiperidine	<0.465	U	1.14	0.465	ug/L		11/13/24 05:02	12/07/24 15:41	1
Pentachlorobenzene	<0.264	U	0.568	0.264	ug/L		11/13/24 05:02	12/07/24 15:41	1
Diphenyl ether	**0.140**	**J**	0.568	0.0905	ug/L		11/13/24 05:02	12/07/24 15:41	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86556-1

Client Sample ID: MW-47
Date Collected: 11/06/24 08:24
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86556-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.0976	U	0.568	0.0976	ug/L		11/13/24 05:02	12/07/24 15:41	1
4-Aminobiphenyl	<0.392	U	0.568	0.392	ug/L		11/13/24 05:02	12/07/24 15:41	1
1,2,4,5-Tetrachlorobenzene	<0.0952	U	0.568	0.0952	ug/L		11/13/24 05:02	12/07/24 15:41	1
1,3,5-Trinitrobenzene	<0.118	U	0.568	0.118	ug/L		11/13/24 05:02	12/07/24 15:41	1
1,3-Dinitrobenzene	<0.0768	U	0.568	0.0768	ug/L		11/13/24 05:02	12/07/24 15:41	1
1,4-Naphthoquinone	<0.313	U	0.568	0.313	ug/L		11/13/24 05:02	12/07/24 15:41	1
1-Naphthylamine	<0.148	U	0.568	0.148	ug/L		11/13/24 05:02	12/07/24 15:41	1
2,6-Dichlorophenol	<0.117	U	0.568	0.117	ug/L		11/13/24 05:02	12/07/24 15:41	1
2-Acetylaminofluorene	<1.26	U	2.84	1.26	ug/L		11/13/24 05:02	12/07/24 15:41	1
2-Chlorophenol	<0.0752	U	0.568	0.0752	ug/L		11/13/24 05:02	12/07/24 15:41	1
2-Naphthylamine	<0.286	U	0.568	0.286	ug/L		11/13/24 05:02	12/07/24 15:41	1
2-Picoline	<0.122	U	0.568	0.122	ug/L		11/13/24 05:02	12/07/24 15:41	1
2-Toluidine	<0.304	U	0.568	0.304	ug/L		11/13/24 05:02	12/07/24 15:41	1
3,3'-Dichlorobenzidine	<0.182	U	0.568	0.182	ug/L		11/13/24 05:02	12/07/24 15:41	1
3,3'-Dimethylbenzidine	<0.141	U	0.568	0.141	ug/L		11/13/24 05:02	12/07/24 15:41	1
3-Methylcholanthrene	<0.104	U	0.568	0.104	ug/L		11/13/24 05:02	12/07/24 15:41	1
4-Nitroquinoline-1-oxide	<0.726	U	1.14	0.726	ug/L		11/13/24 05:02	12/07/24 15:41	1
7,12-Dimethylbenz(a)anthracene	<0.240	U	0.568	0.240	ug/L		11/13/24 05:02	12/07/24 15:41	1
alpha,alpha-Dimethyl phenethylamine	<3.65	U	5.68	3.65	ug/L		11/13/24 05:02	12/07/24 15:41	1
Aramite Peak 1	<0.0781	U	0.568	0.0781	ug/L		11/13/24 05:02	12/07/24 15:41	1
Aramite Peak 2	<0.0948	U	0.568	0.0948	ug/L		11/13/24 05:02	12/07/24 15:41	1
Aramite, Total	<0.0948	U	0.568	0.0948	ug/L		11/13/24 05:02	12/07/24 15:41	1
Diallate	<0.0830	U	0.568	0.0830	ug/L		11/13/24 05:02	12/07/24 15:41	1
Diallate Peak 1	<0.0830	U	0.568	0.0830	ug/L		11/13/24 05:02	12/07/24 15:41	1
Diallate Peak 2	<0.0383	U	0.568	0.0383	ug/L		11/13/24 05:02	12/07/24 15:41	1
Dimethoate	<0.121	U *+	0.568	0.121	ug/L		11/13/24 05:02	12/07/24 15:41	1
Dinoseb	<0.566	U *+	2.84	0.566	ug/L		11/13/24 05:02	12/07/24 15:41	1
Disulfoton	<0.202	U *+	0.568	0.202	ug/L		11/13/24 05:02	12/07/24 15:41	1
Ethyl methanesulfonate	<0.225	U	0.568	0.225	ug/L		11/13/24 05:02	12/07/24 15:41	1
Ethyl Parathion	<0.0499	U *+	0.227	0.0499	ug/L		11/13/24 05:02	12/07/24 15:41	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/13/24 05:02	12/07/24 15:41	1
Hexachloropropene	<0.298	U *-	0.568	0.298	ug/L		11/13/24 05:02	12/07/24 15:41	1
Isosafrole	<0.239	U	0.568	0.239	ug/L		11/13/24 05:02	12/07/24 15:41	1
Isosafrole Peak 1	<0.0461	U	0.568	0.0461	ug/L		11/13/24 05:02	12/07/24 15:41	1
Isosafrole Peak 2	<0.239	U	0.568	0.239	ug/L		11/13/24 05:02	12/07/24 15:41	1
Methapyrilene	<0.994	U *+	2.27	0.994	ug/L		11/13/24 05:02	12/07/24 15:41	1
Methyl methanesulfonate	<0.119	U	0.568	0.119	ug/L		11/13/24 05:02	12/07/24 15:41	1
Methyl parathion	<0.318	U *+	0.568	0.318	ug/L		11/13/24 05:02	12/07/24 15:41	1
N-Nitrosodiethylamine	<0.535	U	1.14	0.535	ug/L		11/13/24 05:02	12/07/24 15:41	1
N-Nitrosodimethylamine	<0.0994	U *-	0.568	0.0994	ug/L		11/13/24 05:02	12/07/24 15:41	1
N-Nitrosodi-n-butylamine	<0.513	U	1.14	0.513	ug/L		11/13/24 05:02	12/07/24 15:41	1
N-Nitrosomethylethylamine	<0.292	U	0.568	0.292	ug/L		11/13/24 05:02	12/07/24 15:41	1
N-Nitrosomorpholine	<0.219	U	0.568	0.219	ug/L		11/13/24 05:02	12/07/24 15:41	1
N-Nitrosopyrrolidine	<0.266	U *-	0.568	0.266	ug/L		11/13/24 05:02	12/07/24 15:41	1
o,o',o''-Triethylphosphorothioate	<0.137	U *+	0.568	0.137	ug/L		11/13/24 05:02	12/07/24 15:41	1
p-Dimethylamino azobenzene	<0.0236	U	0.568	0.0236	ug/L		11/13/24 05:02	12/07/24 15:41	1
Pentachloronitrobenzene	<0.0994	U	0.568	0.0994	ug/L		11/13/24 05:02	12/07/24 15:41	1
Phenacetin	<0.0994	U	0.568	0.0994	ug/L		11/13/24 05:02	12/07/24 15:41	1
Phorate	<0.220	U *+	0.568	0.220	ug/L		11/13/24 05:02	12/07/24 15:41	1

Client Sample ID: MW-47
Lab Sample ID: 860-86556-1

Date Collected: 11/06/24 08:24
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Phenylene diamine	<0.497	U *-	1.14	0.497	ug/L		11/13/24 05:02	12/07/24 15:41	1
Pronamide	<0.0994	U *+	0.568	0.0994	ug/L		11/13/24 05:02	12/07/24 15:41	1
Safrole, Total	<0.0568	U	0.568	0.0568	ug/L		11/13/24 05:02	12/07/24 15:41	1
Sulfotepp	<0.146	U *+	0.568	0.146	ug/L		11/13/24 05:02	12/07/24 15:41	1
Thionazin	<0.207	U *+	1.14	0.207	ug/L		11/13/24 05:02	12/07/24 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*108*		*35 - 130*	*11/13/24 05:02*	*12/07/24 15:41*	*1*
2-Fluorobiphenyl	*100*		*43 - 130*	*11/13/24 05:02*	*12/07/24 15:41*	*1*
2-Fluorophenol (Surr)	*76*		*19 - 120*	*11/13/24 05:02*	*12/07/24 15:41*	*1*
Nitrobenzene-d5 (Surr)	*126*		*37 - 133*	*11/13/24 05:02*	*12/07/24 15:41*	*1*
Phenol-d5 (Surr)	*42*		*8 - 124*	*11/13/24 05:02*	*12/07/24 15:41*	*1*
p-Terphenyl-d14	*85*		*47 - 130*	*11/13/24 05:02*	*12/07/24 15:41*	*1*

Client Sample ID: MW-43
Lab Sample ID: 860-86556-2

Date Collected: 11/06/24 08:25
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 01:57	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 01:57	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 01:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/12/24 01:57	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 01:57	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 01:57	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 01:57	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 01:57	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 01:57	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 01:57	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 01:57	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 01:57	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 01:57	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 01:57	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 01:57	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/12/24 01:57	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 01:57	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 01:57	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/12/24 01:57	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 01:57	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 01:57	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 01:57	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 01:57	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 01:57	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 01:57	1
Benzene	**0.925**	**J**	1.00	0.460	ug/L			11/12/24 01:57	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 01:57	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 01:57	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/12/24 01:57	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 01:57	1

Client Sample ID: MW-43
Date Collected: 11/06/24 08:25
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86556-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 01:57	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 01:57	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 01:57	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 01:57	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 01:57	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 01:57	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 01:57	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 01:57	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 01:57	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/12/24 01:57	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 01:57	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 01:57	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 01:57	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 01:57	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/12/24 01:57	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/12/24 01:57	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 01:57	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/12/24 01:57	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 01:57	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 01:57	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 01:57	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/12/24 01:57	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 01:57	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 01:57	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 01:57	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 01:57	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 01:57	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 01:57	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 01:57	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 01:57	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 01:57	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 01:57	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 01:57	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 01:57	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 01:57	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 01:57	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 01:57	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 01:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*11/12/24 01:57*	*1*
4-Bromofluorobenzene (Surr)	*88*		*74 - 124*		*11/12/24 01:57*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*11/12/24 01:57*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*11/12/24 01:57*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 14:16	1

Client Sample ID: MW-43
Date Collected: 11/06/24 08:25
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86556-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*11/12/24 14:16*	*1*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*11/12/24 14:16*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*11/12/24 14:16*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/12/24 14:16*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0762	U	0.568	0.0762	ug/L		11/13/24 05:02	12/07/24 16:11	1
1,2-Dichlorobenzene	<0.0935	U	0.568	0.0935	ug/L		11/13/24 05:02	12/07/24 16:11	1
1,3-Dichlorobenzene	<0.101	U	0.568	0.101	ug/L		11/13/24 05:02	12/07/24 16:11	1
1,4-Dichlorobenzene	<0.0775	U	0.568	0.0775	ug/L		11/13/24 05:02	12/07/24 16:11	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.84	1.42	ug/L		11/13/24 05:02	12/07/24 16:11	1
2,4,5-Trichlorophenol	<0.142	U	0.568	0.142	ug/L		11/13/24 05:02	12/07/24 16:11	1
2,4,6-Trichlorophenol	<0.229	U	0.568	0.229	ug/L		11/13/24 05:02	12/07/24 16:11	1
2,4-Dichlorophenol	<0.139	U	0.568	0.139	ug/L		11/13/24 05:02	12/07/24 16:11	1
2,4-Dimethylphenol	<0.191	U *+	0.568	0.191	ug/L		11/13/24 05:02	12/07/24 16:11	1
1,4-Dioxane	**6.91**		0.568	0.0885	ug/L		11/13/24 05:02	12/07/24 16:11	1
2,4-Dinitrophenol	<0.104	U	2.84	0.104	ug/L		11/13/24 05:02	12/07/24 16:11	1
2,4-Dinitrotoluene	<0.203	U	0.568	0.203	ug/L		11/13/24 05:02	12/07/24 16:11	1
2,6-Dinitrotoluene	<0.116	U	0.568	0.116	ug/L		11/13/24 05:02	12/07/24 16:11	1
2-Chloronaphthalene	<0.376	U	0.568	0.376	ug/L		11/13/24 05:02	12/07/24 16:11	1
2-Methylnaphthalene	**0.219**	**J**	0.568	0.0599	ug/L		11/13/24 05:02	12/07/24 16:11	1
2-Methylphenol	<0.104	U	0.568	0.104	ug/L		11/13/24 05:02	12/07/24 16:11	1
2-Nitroaniline	<0.148	U	0.568	0.148	ug/L		11/13/24 05:02	12/07/24 16:11	1
2-Nitrophenol	<0.135	U	0.568	0.135	ug/L		11/13/24 05:02	12/07/24 16:11	1
3-Nitroaniline	<0.0848	U	0.568	0.0848	ug/L		11/13/24 05:02	12/07/24 16:11	1
4,6-Dinitro-2-methylphenol	<0.200	U	1.14	0.200	ug/L		11/13/24 05:02	12/07/24 16:11	1
4-Bromophenyl phenyl ether	<0.0997	U	0.568	0.0997	ug/L		11/13/24 05:02	12/07/24 16:11	1
4-Chloro-3-methylphenol	<0.103	U	0.568	0.103	ug/L		11/13/24 05:02	12/07/24 16:11	1
4-Chloroaniline	<0.0383	U	0.568	0.0383	ug/L		11/13/24 05:02	12/07/24 16:11	1
4-Chlorophenyl phenyl ether	<0.130	U	0.568	0.130	ug/L		11/13/24 05:02	12/07/24 16:11	1
4-Nitroaniline	<0.108	U	0.568	0.108	ug/L		11/13/24 05:02	12/07/24 16:11	1
Acenaphthene	**3.72**		0.568	0.107	ug/L		11/13/24 05:02	12/07/24 16:11	1
Acenaphthylene	<0.0991	U	0.568	0.0991	ug/L		11/13/24 05:02	12/07/24 16:11	1
Aniline	<0.0576	U	0.568	0.0576	ug/L		11/13/24 05:02	12/07/24 16:11	1
Anthracene	<0.0933	U	0.568	0.0933	ug/L		11/13/24 05:02	12/07/24 16:11	1
Benzo[a]anthracene	<0.0284	U	0.0284	0.0284	ug/L		11/13/24 05:02	12/07/24 16:11	1
Benzo[a]pyrene	<0.0298	U	0.0568	0.0298	ug/L		11/13/24 05:02	12/07/24 16:11	1
Benzo[b]fluoranthene	<0.0660	U	0.568	0.0660	ug/L		11/13/24 05:02	12/07/24 16:11	1
Benzo[g,h,i]perylene	<0.0343	U	0.568	0.0343	ug/L		11/13/24 05:02	12/07/24 16:11	1
Benzo[k]fluoranthene	<0.0470	U	0.568	0.0470	ug/L		11/13/24 05:02	12/07/24 16:11	1
Benzyl alcohol	<0.597	U *-	1.14	0.597	ug/L		11/13/24 05:02	12/07/24 16:11	1
Bis(2-chloroethoxy)methane	<0.0969	U	0.568	0.0969	ug/L		11/13/24 05:02	12/07/24 16:11	1
Bis(2-chloroethyl)ether	<0.213	U *+	0.568	0.213	ug/L		11/13/24 05:02	12/07/24 16:11	1
Bis(2-ethylhexyl) phthalate	<0.895	U	1.14	0.895	ug/L		11/13/24 05:02	12/07/24 16:11	1
Butyl benzyl phthalate	<0.497	U	1.14	0.497	ug/L		11/13/24 05:02	12/07/24 16:11	1
Chrysene	<0.0811	U	0.568	0.0811	ug/L		11/13/24 05:02	12/07/24 16:11	1
Dibenz(a,h)anthracene	<0.0506	U	0.114	0.0506	ug/L		11/13/24 05:02	12/07/24 16:11	1
Dibenzofuran	**0.392**	**J**	0.568	0.106	ug/L		11/13/24 05:02	12/07/24 16:11	1
Diethyl phthalate	<0.154	U	1.14	0.154	ug/L		11/13/24 05:02	12/07/24 16:11	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86556-1

Client Sample ID: MW-43
Date Collected: 11/06/24 08:25
Date Received: 11/07/24 09:52

Lab Sample ID: 860-86556-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/13/24 05:02	12/07/24 16:11	1
Di-n-butyl phthalate	<0.761	U	1.14	0.761	ug/L		11/13/24 05:02	12/07/24 16:11	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/13/24 05:02	12/07/24 16:11	1
Fluoranthene	<0.0878	U	0.568	0.0878	ug/L		11/13/24 05:02	12/07/24 16:11	1
Fluorene	**1.35**		0.568	0.0943	ug/L		11/13/24 05:02	12/07/24 16:11	1
Hexachlorobenzene	<0.0969	U	0.568	0.0969	ug/L		11/13/24 05:02	12/07/24 16:11	1
Hexachlorobutadiene	<0.102	U	0.568	0.102	ug/L		11/13/24 05:02	12/07/24 16:11	1
Hexachlorocyclopentadiene	<0.0509	U	0.568	0.0509	ug/L		11/13/24 05:02	12/07/24 16:11	1
Hexachloroethane	<0.101	U	0.568	0.101	ug/L		11/13/24 05:02	12/07/24 16:11	1
Indeno[1,2,3-cd]pyrene	<0.0994	U	0.568	0.0994	ug/L		11/13/24 05:02	12/07/24 16:11	1
Isophorone	<0.106	U	0.568	0.106	ug/L		11/13/24 05:02	12/07/24 16:11	1
Naphthalene	**2.17**		0.568	0.0939	ug/L		11/13/24 05:02	12/07/24 16:11	1
Nitrobenzene	<0.0732	U	0.568	0.0732	ug/L		11/13/24 05:02	12/07/24 16:11	1
N-Nitrosodi-n-propylamine	<0.118	U	0.568	0.118	ug/L		11/13/24 05:02	12/07/24 16:11	1
N-Nitrosodiphenylamine	<0.144	U	0.568	0.144	ug/L		11/13/24 05:02	12/07/24 16:11	1
Pentachlorophenol	<1.03	U	1.14	1.03	ug/L		11/13/24 05:02	12/07/24 16:11	1
Phenanthrene	<0.133	U	0.568	0.133	ug/L		11/13/24 05:02	12/07/24 16:11	1
Phenol	<0.446	U	2.84	0.446	ug/L		11/13/24 05:02	12/07/24 16:11	1
Pyrene	<0.0844	U	0.568	0.0844	ug/L		11/13/24 05:02	12/07/24 16:11	1
Pyridine	<1.43	U *-	2.84	1.43	ug/L		11/13/24 05:02	12/07/24 16:11	1
N-Nitro-o-toluidine	<0.517	U	1.14	0.517	ug/L		11/13/24 05:02	12/07/24 16:11	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.568	0.209	ug/L		11/13/24 05:02	12/07/24 16:11	1
Acetophenone	<0.620	U	1.14	0.620	ug/L		11/13/24 05:02	12/07/24 16:11	1
N-Nitrosopiperidine	<0.465	U	1.14	0.465	ug/L		11/13/24 05:02	12/07/24 16:11	1
Pentachlorobenzene	<0.264	U	0.568	0.264	ug/L		11/13/24 05:02	12/07/24 16:11	1
Diphenyl ether	**1.21**		0.568	0.0905	ug/L		11/13/24 05:02	12/07/24 16:11	1
1,1'-Biphenyl	**0.324**	**J**	0.568	0.0976	ug/L		11/13/24 05:02	12/07/24 16:11	1
4-Aminobiphenyl	<0.392	U	0.568	0.392	ug/L		11/13/24 05:02	12/07/24 16:11	1
1,2,4,5-Tetrachlorobenzene	<0.0952	U	0.568	0.0952	ug/L		11/13/24 05:02	12/07/24 16:11	1
1,3,5-Trinitrobenzene	<0.118	U	0.568	0.118	ug/L		11/13/24 05:02	12/07/24 16:11	1
1,3-Dinitrobenzene	<0.0768	U	0.568	0.0768	ug/L		11/13/24 05:02	12/07/24 16:11	1
1,4-Naphthoquinone	<0.313	U	0.568	0.313	ug/L		11/13/24 05:02	12/07/24 16:11	1
1-Naphthylamine	<0.148	U	0.568	0.148	ug/L		11/13/24 05:02	12/07/24 16:11	1
2,6-Dichlorophenol	<0.117	U	0.568	0.117	ug/L		11/13/24 05:02	12/07/24 16:11	1
2-Acetylaminofluorene	<1.26	U	2.84	1.26	ug/L		11/13/24 05:02	12/07/24 16:11	1
2-Chlorophenol	<0.0752	U	0.568	0.0752	ug/L		11/13/24 05:02	12/07/24 16:11	1
2-Naphthylamine	<0.286	U	0.568	0.286	ug/L		11/13/24 05:02	12/07/24 16:11	1
2-Picoline	<0.122	U	0.568	0.122	ug/L		11/13/24 05:02	12/07/24 16:11	1
2-Toluidine	<0.304	U	0.568	0.304	ug/L		11/13/24 05:02	12/07/24 16:11	1
3,3'-Dichlorobenzidine	<0.182	U	0.568	0.182	ug/L		11/13/24 05:02	12/07/24 16:11	1
3,3'-Dimethylbenzidine	<0.141	U	0.568	0.141	ug/L		11/13/24 05:02	12/07/24 16:11	1
3-Methylcholanthrene	<0.104	U	0.568	0.104	ug/L		11/13/24 05:02	12/07/24 16:11	1
4-Nitroquinoline-1-oxide	<0.726	U	1.14	0.726	ug/L		11/13/24 05:02	12/07/24 16:11	1
7,12-Dimethylbenz(a)anthracene	<0.240	U	0.568	0.240	ug/L		11/13/24 05:02	12/07/24 16:11	1
alpha,alpha-Dimethyl phenethylamine	<3.65	U	5.68	3.65	ug/L		11/13/24 05:02	12/07/24 16:11	1
Aramite Peak 1	<0.0781	U	0.568	0.0781	ug/L		11/13/24 05:02	12/07/24 16:11	1
Aramite Peak 2	<0.0948	U	0.568	0.0948	ug/L		11/13/24 05:02	12/07/24 16:11	1
Aramite, Total	<0.0948	U	0.568	0.0948	ug/L		11/13/24 05:02	12/07/24 16:11	1
Diallate	<0.0830	U	0.568	0.0830	ug/L		11/13/24 05:02	12/07/24 16:11	1

Client Sample ID: MW-43
Lab Sample ID: 860-86556-2
Date Collected: 11/06/24 08:25
Matrix: Water
Date Received: 11/07/24 09:52

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diallate Peak 1	<0.0830	U	0.568	0.0830	ug/L		11/13/24 05:02	12/07/24 16:11	1
Diallate Peak 2	<0.0383	U	0.568	0.0383	ug/L		11/13/24 05:02	12/07/24 16:11	1
Dimethoate	<0.121	U *+	0.568	0.121	ug/L		11/13/24 05:02	12/07/24 16:11	1
Dinoseb	<0.566	U *+	2.84	0.566	ug/L		11/13/24 05:02	12/07/24 16:11	1
Disulfoton	<0.202	U *+	0.568	0.202	ug/L		11/13/24 05:02	12/07/24 16:11	1
Ethyl methanesulfonate	<0.225	U	0.568	0.225	ug/L		11/13/24 05:02	12/07/24 16:11	1
Ethyl Parathion	<0.0499	U *+	0.227	0.0499	ug/L		11/13/24 05:02	12/07/24 16:11	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/13/24 05:02	12/07/24 16:11	1
Hexachloropropene	<0.298	U *-	0.568	0.298	ug/L		11/13/24 05:02	12/07/24 16:11	1
Isosafrole	<0.239	U	0.568	0.239	ug/L		11/13/24 05:02	12/07/24 16:11	1
Isosafrole Peak 1	<0.0461	U	0.568	0.0461	ug/L		11/13/24 05:02	12/07/24 16:11	1
Isosafrole Peak 2	<0.239	U	0.568	0.239	ug/L		11/13/24 05:02	12/07/24 16:11	1
Methapyrilene	<0.994	U *+	2.27	0.994	ug/L		11/13/24 05:02	12/07/24 16:11	1
Methyl methanesulfonate	<0.119	U	0.568	0.119	ug/L		11/13/24 05:02	12/07/24 16:11	1
Methyl parathion	<0.318	U *+	0.568	0.318	ug/L		11/13/24 05:02	12/07/24 16:11	1
N-Nitrosodiethylamine	<0.535	U	1.14	0.535	ug/L		11/13/24 05:02	12/07/24 16:11	1
N-Nitrosodimethylamine	<0.0994	U *-	0.568	0.0994	ug/L		11/13/24 05:02	12/07/24 16:11	1
N-Nitrosodi-n-butylamine	<0.513	U	1.14	0.513	ug/L		11/13/24 05:02	12/07/24 16:11	1
N-Nitrosomethylethylamine	<0.292	U	0.568	0.292	ug/L		11/13/24 05:02	12/07/24 16:11	1
N-Nitrosomorpholine	<0.219	U	0.568	0.219	ug/L		11/13/24 05:02	12/07/24 16:11	1
N-Nitrosopyrrolidine	<0.266	U *-	0.568	0.266	ug/L		11/13/24 05:02	12/07/24 16:11	1
o,o',o''-Triethylphosphorothioate	<0.137	U *+	0.568	0.137	ug/L		11/13/24 05:02	12/07/24 16:11	1
p-Dimethylamino azobenzene	<0.0236	U	0.568	0.0236	ug/L		11/13/24 05:02	12/07/24 16:11	1
Pentachloronitrobenzene	<0.0994	U	0.568	0.0994	ug/L		11/13/24 05:02	12/07/24 16:11	1
Phenacetin	<0.0994	U	0.568	0.0994	ug/L		11/13/24 05:02	12/07/24 16:11	1
Phorate	<0.220	U *+	0.568	0.220	ug/L		11/13/24 05:02	12/07/24 16:11	1
p-Phenylene diamine	<0.497	U *-	1.14	0.497	ug/L		11/13/24 05:02	12/07/24 16:11	1
Pronamide	<0.0994	U *+	0.568	0.0994	ug/L		11/13/24 05:02	12/07/24 16:11	1
Safrole, Total	<0.0568	U	0.568	0.0568	ug/L		11/13/24 05:02	12/07/24 16:11	1
Sulfotepp	<0.146	U *+	0.568	0.146	ug/L		11/13/24 05:02	12/07/24 16:11	1
Thionazin	<0.207	U *+	1.14	0.207	ug/L		11/13/24 05:02	12/07/24 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*35 - 130*	*11/13/24 05:02*	*12/07/24 16:11*	*1*
2-Fluorobiphenyl	*70*		*43 - 130*	*11/13/24 05:02*	*12/07/24 16:11*	*1*
2-Fluorophenol (Surr)	*74*		*19 - 120*	*11/13/24 05:02*	*12/07/24 16:11*	*1*
Nitrobenzene-d5 (Surr)	*106*		*37 - 133*	*11/13/24 05:02*	*12/07/24 16:11*	*1*
Phenol-d5 (Surr)	*47*		*8 - 124*	*11/13/24 05:02*	*12/07/24 16:11*	*1*
p-Terphenyl-d14	*61*		*47 - 130*	*11/13/24 05:02*	*12/07/24 16:11*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	**0.634**		0.568	0.138	ug/L		11/13/24 05:02	12/10/24 19:11	1

Surrogate Summary

Client: Ashland LLC
Job ID: 860-86556-1
Project/Site: Hercules Hattiesburg, MS

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
860-85968-C-1 MS	Matrix Spike	103	108	108	101
860-86555-G-2 MS	Matrix Spike	93	96	98	101
860-86556-1	MW-47	99	96	101	101
860-86556-2	MW-43	100	88	104	96
860-86556-2 - RA	MW-43	105	105	104	104
LCS 860-198955/3	Lab Control Sample	95	99	99	103
LCS 860-199129/3	Lab Control Sample	100	105	106	101
LCSD 860-198955/4	Lab Control Sample Dup	93	99	99	101
LCSD 860-199129/4	Lab Control Sample Dup	100	105	106	102
MB 860-198955/9	Method Blank	96	92	101	97
MB 860-199129/9	Method Blank	104	107	105	103

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(35-130)	(43-130)	(19-120)	(37-133)	(8-124)	(47-130)
860-86556-1	MW-47	108	100	76	126	42	85
860-86556-2	MW-43	97	70	74	106	47	61
LCS 860-199383/2-A	Lab Control Sample	100	110	47	106	31	122
LCS 860-199383/4-A	Lab Control Sample	101	106	54	98	40	103
LCSD 860-199383/3-A	Lab Control Sample Dup	114	110	52	111	33	122
LCSD 860-199383/5-A	Lab Control Sample Dup	116	111	51	107	37	113
MB 860-199383/1-A	Method Blank	91	112	44	99	28	130

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-198955/9
Matrix: Water
Analysis Batch: 198955

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/11/24 21:10	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/11/24 21:10	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/11/24 21:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/11/24 21:10	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/11/24 21:10	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/11/24 21:10	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/11/24 21:10	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/11/24 21:10	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/11/24 21:10	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/11/24 21:10	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/11/24 21:10	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/11/24 21:10	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/11/24 21:10	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/11/24 21:10	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/11/24 21:10	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/11/24 21:10	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/11/24 21:10	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/11/24 21:10	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/11/24 21:10	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/11/24 21:10	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/11/24 21:10	1
Acetone	<3.07	U	100	3.07	ug/L			11/11/24 21:10	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/11/24 21:10	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/11/24 21:10	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/11/24 21:10	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/11/24 21:10	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/11/24 21:10	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/11/24 21:10	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/11/24 21:10	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/11/24 21:10	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/11/24 21:10	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/11/24 21:10	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/11/24 21:10	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/11/24 21:10	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/11/24 21:10	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/11/24 21:10	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/11/24 21:10	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/11/24 21:10	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/11/24 21:10	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/11/24 21:10	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/11/24 21:10	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/11/24 21:10	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/11/24 21:10	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/11/24 21:10	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/11/24 21:10	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/11/24 21:10	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/11/24 21:10	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/11/24 21:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-198955/9
Matrix: Water
Analysis Batch: 198955

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/11/24 21:10	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/11/24 21:10	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/11/24 21:10	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/11/24 21:10	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/11/24 21:10	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/11/24 21:10	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/11/24 21:10	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/11/24 21:10	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/11/24 21:10	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/11/24 21:10	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/11/24 21:10	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/11/24 21:10	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/11/24 21:10	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/11/24 21:10	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/11/24 21:10	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/11/24 21:10	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/11/24 21:10	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/11/24 21:10	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/11/24 21:10	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/11/24 21:10	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/11/24 21:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 144*		*11/11/24 21:10*	*1*
4-Bromofluorobenzene (Surr)	*92*		*74 - 124*		*11/11/24 21:10*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/11/24 21:10*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/11/24 21:10*	*1*

Lab Sample ID: LCS 860-198955/3
Matrix: Water
Analysis Batch: 198955

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	47.90		ug/L		96	72 - 125
1,1,1-Trichloroethane	50.0	48.02		ug/L		96	70 - 130
1,1,2,2-Tetrachloroethane	50.0	45.82		ug/L		92	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.61		ug/L		105	60 - 140
1,1,2-Trichloroethane	50.0	49.18		ug/L		98	75 - 130
1,1-Dichloroethane	50.0	47.65		ug/L		95	71 - 130
1,1-Dichloroethene	50.0	47.40		ug/L		95	50 - 150
1,2,3-Trichloropropane	50.0	45.78		ug/L		92	75 - 125
1,2,4-Trimethylbenzene	50.0	47.87		ug/L		96	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	48.94		ug/L		98	59 - 125
1,2-Dibromoethane	50.0	49.77		ug/L		100	73 - 125
1,2-Dichloroethane	50.0	45.27		ug/L		91	72 - 130
1,2-Dichloropropane	50.0	47.85		ug/L		96	74 - 125
1,3,5-Trimethylbenzene	50.0	49.32		ug/L		99	60 - 140
1,3-Butadiene	50.0	42.01		ug/L		84	60 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-198955/3
Matrix: Water
Analysis Batch: 198955

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,2,4-Trimethylpentane	50.0	53.10		ug/L		106	70 - 130
2-Butanone (MEK)	250	246.9		ug/L		99	60 - 140
2-Hexanone (MBK)	250	234.2		ug/L		94	60 - 140
2-Propanol	500	408.7		ug/L		82	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	47.33		ug/L		95	70 - 130
4-Methyl-2-pentanone	250	234.8		ug/L		94	60 - 140
Acetone	250	209.4		ug/L		84	60 - 140
Acetonitrile	500	439.9		ug/L		88	60 - 140
Acrolein	250	219.3		ug/L		88	60 - 140
Acrylonitrile	500	462.2		ug/L		92	60 - 140
alpha-Chlorotoluene	50.0	51.99		ug/L		104	75 - 125
Benzene	50.0	47.99		ug/L		96	75 - 125
Bromodichloromethane	50.0	47.42		ug/L		95	75 - 125
Bromoform	50.0	45.24		ug/L		90	70 - 130
Bromomethane	50.0	41.46		ug/L		83	60 - 140
Carbon disulfide	50.0	44.27		ug/L		89	60 - 140
Carbon tetrachloride	50.0	47.65		ug/L		95	70 - 125
Chlorobenzene	50.0	49.97		ug/L		100	82 - 135
Chlorodibromomethane	50.0	48.60		ug/L		97	73 - 125
Chloroethane	50.0	45.25		ug/L		91	60 - 140
Chloroform	50.0	48.09		ug/L		96	70 - 121
Chloromethane	50.0	40.30		ug/L		81	60 - 140
Chloroprene	50.0	47.95		ug/L		96	70 - 130
cis-1,2-Dichloroethene	50.0	47.24		ug/L		94	75 - 125
cis-1,3-Dichloropropene	50.0	48.85		ug/L		98	74 - 125
Cumene (isopropylbenzene)	50.0	51.08		ug/L		102	75 - 125
Cyclohexane	50.0	49.10		ug/L		98	70 - 130
Dibromomethane	50.0	48.22		ug/L		96	69 - 127
Dichlorodifluoromethane	50.0	37.56		ug/L		75	50 - 150
Ethyl methacrylate	50.0	49.82		ug/L		100	70 - 130
Ethylbenzene	50.0	51.71		ug/L		103	75 - 125
Hexane	50.0	46.38		ug/L		93	72 - 125
Iodomethane	50.0	47.33		ug/L		95	75 - 125
Isobutanol	1240	1078		ug/L		87	60 - 140
Methacrylonitrile	500	485.6		ug/L		97	70 - 130
Methyl methacrylate	100	98.37		ug/L		98	70 - 130
Methyl tert-butyl ether	50.0	45.13		ug/L		90	65 - 135
Methylene Chloride	50.0	43.63		ug/L		87	71 - 125
Propionitrile	500	458.5		ug/L		92	70 - 130
Propylbenzene	50.0	51.75		ug/L		104	75 - 125
Styrene	50.0	51.04		ug/L		102	75 - 125
Tetrachloroethene	50.0	53.09		ug/L		106	71 - 125
Tetrahydrofuran	100	83.34		ug/L		83	75 - 125
Toluene	50.0	51.45		ug/L		103	75 - 130
trans-1,2-Dichloroethene	50.0	48.80		ug/L		98	75 - 125
trans-1,3-Dichloropropene	50.0	49.04		ug/L		98	66 - 125
trans-1,4-Dichloro-2-butene	50.0	47.54		ug/L		95	70 - 130
Trichloroethene	50.0	49.96		ug/L		100	75 - 135
Trichlorofluoromethane	50.0	47.22		ug/L		94	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-198955/3
Matrix: Water
Analysis Batch: 198955

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Vinyl acetate			250	272.8		ug/L		109	60 - 140		
Vinyl chloride			50.0	41.61		ug/L		83	60 - 140		
Xylenes, Total			100	102.6		ug/L		103	75 - 125		
m,p-Xylenes			0.0500	0.05262		mg/L		105	75 - 125		
o-Xylene			0.0500	0.04995		mg/L		100	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*63 - 144*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 860-198955/4
Matrix: Water
Analysis Batch: 198955

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	48.17		ug/L		96	72 - 125	1	25
1,1,1-Trichloroethane			50.0	48.49		ug/L		97	70 - 130	1	25
1,1,2,2-Tetrachloroethane			50.0	43.36		ug/L		87	74 - 125	6	25
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	52.86		ug/L		106	60 - 140	0	25
1,1,2-Trichloroethane			50.0	48.97		ug/L		98	75 - 130	0	25
1,1-Dichloroethane			50.0	46.62		ug/L		93	71 - 130	2	25
1,1-Dichloroethene			50.0	47.44		ug/L		95	50 - 150	0	25
1,2,3-Trichloropropane			50.0	44.62		ug/L		89	75 - 125	3	25
1,2,4-Trimethylbenzene			50.0	48.47		ug/L		97	75 - 125	1	25
1,2-Dibromo-3-Chloropropane			50.0	48.67		ug/L		97	59 - 125	1	25
1,2-Dibromoethane			50.0	49.47		ug/L		99	73 - 125	1	25
1,2-Dichloroethane			50.0	44.51		ug/L		89	72 - 130	2	25
1,2-Dichloropropane			50.0	47.92		ug/L		96	74 - 125	0	25
1,3,5-Trimethylbenzene			50.0	49.15		ug/L		98	60 - 140	0	25
1,3-Butadiene			50.0	42.17		ug/L		84	60 - 150	0	25
2,2,4-Trimethylpentane			50.0	53.76		ug/L		108	70 - 130	1	25
2-Butanone (MEK)			250	243.1		ug/L		97	60 - 140	2	25
2-Hexanone (MBK)			250	228.7		ug/L		91	60 - 140	2	25
2-Propanol			500	414.8		ug/L		83	70 - 120	1	25
3-Chloropropene (Allyl Chloride)			50.0	47.06		ug/L		94	70 - 130	1	25
4-Methyl-2-pentanone			250	226.9		ug/L		91	60 - 140	3	25
Acetone			250	207.1		ug/L		83	60 - 140	1	25
Acetonitrile			500	440.0		ug/L		88	60 - 140	0	25
Acrolein			250	213.7		ug/L		85	60 - 140	3	25
Acrylonitrile			500	454.2		ug/L		91	60 - 140	2	25
alpha-Chlorotoluene			50.0	50.75		ug/L		101	75 - 125	2	25
Benzene			50.0	48.63		ug/L		97	75 - 125	1	25
Bromodichloromethane			50.0	47.41		ug/L		95	75 - 125	0	25
Bromoform			50.0	46.24		ug/L		92	70 - 130	2	25
Bromomethane			50.0	41.26		ug/L		83	60 - 140	0	25
Carbon disulfide			50.0	44.78		ug/L		90	60 - 140	1	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-198955/4
Matrix: Water
Analysis Batch: 198955

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride			50.0	48.52		ug/L		97	70 - 125	2	25
Chlorobenzene			50.0	50.19		ug/L		100	82 - 135	0	25
Chlorodibromomethane			50.0	47.51		ug/L		95	73 - 125	2	25
Chloroethane			50.0	42.44		ug/L		85	60 - 140	6	25
Chloroform			50.0	48.58		ug/L		97	70 - 121	1	25
Chloromethane			50.0	37.28		ug/L		75	60 - 140	8	25
Chloroprene			50.0	47.67		ug/L		95	70 - 130	1	25
cis-1,2-Dichloroethene			50.0	48.05		ug/L		96	75 - 125	2	25
cis-1,3-Dichloropropene			50.0	49.03		ug/L		98	74 - 125	0	25
Cumene (isopropylbenzene)			50.0	51.96		ug/L		104	75 - 125	2	25
Cyclohexane			50.0	50.69		ug/L		101	70 - 130	3	25
Dibromomethane			50.0	49.55		ug/L		99	69 - 127	3	25
Dichlorodifluoromethane			50.0	35.38		ug/L		71	50 - 150	6	25
Ethyl methacrylate			50.0	50.50		ug/L		101	70 - 130	1	25
Ethylbenzene			50.0	52.04		ug/L		104	75 - 125	1	25
Hexane			50.0	46.09		ug/L		92	72 - 125	1	25
Iodomethane			50.0	47.73		ug/L		95	75 - 125	1	25
Isobutanol			1240	1078		ug/L		87	60 - 140	0	25
Methacrylonitrile			500	471.8		ug/L		94	70 - 130	3	25
Methyl methacrylate			100	97.26		ug/L		97	70 - 130	1	25
Methyl tert-butyl ether			50.0	45.14		ug/L		90	65 - 135	0	25
Methylene Chloride			50.0	42.20		ug/L		84	71 - 125	3	25
Propionitrile			500	453.3		ug/L		91	70 - 130	1	25
Propylbenzene			50.0	50.80		ug/L		102	75 - 125	2	25
Styrene			50.0	51.86		ug/L		104	75 - 125	2	25
Tetrachloroethene			50.0	54.76		ug/L		110	71 - 125	3	25
Tetrahydrofuran			100	84.83		ug/L		85	75 - 125	2	25
Toluene			50.0	52.21		ug/L		104	75 - 130	1	25
trans-1,2-Dichloroethene			50.0	50.26		ug/L		101	75 - 125	3	25
trans-1,3-Dichloropropene			50.0	50.14		ug/L		100	66 - 125	2	25
trans-1,4-Dichloro-2-butene			50.0	44.92		ug/L		90	70 - 130	6	25
Trichloroethene			50.0	51.44		ug/L		103	75 - 135	3	25
Trichlorofluoromethane			50.0	46.21		ug/L		92	60 - 140	2	25
Vinyl acetate			250	245.8		ug/L		98	60 - 140	10	25
Vinyl chloride			50.0	41.83		ug/L		84	60 - 140	1	25
Xylenes, Total			100	103.9		ug/L		104	75 - 125	1	25
m,p-Xylenes			0.0500	0.05320		mg/L		106	75 - 125	1	25
o-Xylene			0.0500	0.05074		mg/L		101	75 - 125	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86555-G-2 MS
Matrix: Water
Analysis Batch: 198955

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.644	U	50.0	52.42		ug/L		105	72 - 125
1,1,1-Trichloroethane	<0.585	U	50.0	51.43		ug/L		103	75 - 125
1,1,2,2-Tetrachloroethane	<0.470	U	50.0	47.44		ug/L		95	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	50.0	47.01		ug/L		94	60 - 140
1,1,2-Trichloroethane	<0.411	U	50.0	53.39		ug/L		107	75 - 127
1,1-Dichloroethane	<0.635	U	50.0	52.17		ug/L		104	72 - 125
1,1-Dichloroethene	<0.738	U	50.0	52.26		ug/L		105	59 - 172
1,2,3-Trichloropropane	<0.470	U	50.0	46.91		ug/L		94	75 - 125
1,2,4-Trimethylbenzene	<0.417	U	50.0	49.82		ug/L		100	75 - 125
1,2-Dibromo-3-Chloropropane	<0.671	U	50.0	51.20		ug/L		102	59 - 125
1,2-Dibromoethane	<0.999	U	50.0	54.52		ug/L		109	73 - 125
1,2-Dichloroethane	<0.372	U	50.0	48.53		ug/L		97	68 - 127
1,2-Dichloropropane	<0.556	U	50.0	52.04		ug/L		104	74 - 125
1,3,5-Trimethylbenzene	<0.411	U	50.0	50.18		ug/L		100	70 - 125
1,3-Butadiene	<0.568	U	50.0	41.18		ug/L		82	70 - 150
2,2,4-Trimethylpentane	<0.500	U	50.0	44.34		ug/L		89	70 - 130
2-Butanone (MEK)	<8.28	U	250	267.7		ug/L		107	60 - 140
2-Hexanone (MBK)	<5.00	U	250	241.1		ug/L		96	60 - 140
2-Propanol	<5.23	U	500	442.9		ug/L		89	70 - 120
3-Chloropropene (Allyl Chloride)	<0.597	U	50.0	51.93		ug/L		104	70 - 130
4-Methyl-2-pentanone	<5.00	U	250	239.0		ug/L		96	60 - 140
Acetone	<3.07	U	250	217.0		ug/L		87	60 - 140
Acetonitrile	<14.6	U	500	482.7		ug/L		97	60 - 140
Acrolein	<11.1	U	250	236.2		ug/L		94	50 - 150
Acrylonitrile	<14.3	U	500	491.0		ug/L		98	50 - 150
alpha-Chlorotoluene	<2.26	U	50.0	45.27		ug/L		91	70 - 130
Benzene	<0.460	U	50.0	52.71		ug/L		105	66 - 142
Bromodichloromethane	<0.552	U	50.0	51.40		ug/L		103	75 - 125
Bromoform	<0.633	U	50.0	52.78		ug/L		106	75 - 125
Bromomethane	<1.42	U	50.0	43.56		ug/L		87	60 - 140
Carbon disulfide	<1.65	U	50.0	49.93		ug/L		100	60 - 140
Carbon tetrachloride	<0.896	U	50.0	50.49		ug/L		101	62 - 125
Chlorobenzene	<0.455	U	50.0	54.74		ug/L		109	60 - 133
Chlorodibromomethane	<0.547	U	50.0	52.31		ug/L		105	73 - 125
Chloroethane	<1.98	U	50.0	44.59		ug/L		89	60 - 140
Chloroform	<0.464	U	50.0	52.96		ug/L		106	70 - 130
Chloromethane	<2.04	U	50.0	40.04		ug/L		80	60 - 140
Chloroprene	<0.598	U	50.0	50.36		ug/L		101	70 - 130
cis-1,2-Dichloroethene	<0.457	U	50.0	51.21		ug/L		102	75 - 125
cis-1,3-Dichloropropene	<1.07	U	50.0	52.90		ug/L		106	74 - 125
Cumene (isopropylbenzene)	<0.592	U	50.0	54.80		ug/L		110	75 - 125
Cyclohexane	<1.29	U	50.0	45.85		ug/L		92	70 - 130
Dibromomethane	<0.357	U	50.0	52.77		ug/L		106	69 - 127
Dichlorodifluoromethane	<0.785	U F1	50.0	29.17	F1	ug/L		58	70 - 130
Ethyl methacrylate	<1.12	U	50.0	53.68		ug/L		107	70 - 130
Ethylbenzene	<0.385	U	50.0	55.36		ug/L		111	75 - 125
Hexane	<0.517	U	50.0	39.64		ug/L		79	72 - 125
Iodomethane	<5.00	U	50.0	53.87		ug/L		108	75 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86555-G-2 MS
Matrix: Water
Analysis Batch: 198955

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Isobutanol	<17.1	U	1240	1110		ug/L		90	60 - 140
Methacrylonitrile	<2.72	U	500	516.8		ug/L		103	70 - 130
Methyl methacrylate	<2.25	U	100	104.3		ug/L		104	70 - 130
Methyl tert-butyl ether	<1.39	U	50.0	49.26		ug/L		99	65 - 135
Methylene Chloride	<1.73	U	50.0	47.18		ug/L		94	75 - 125
Propionitrile	<3.34	U	500	491.7		ug/L		98	70 - 130
Propylbenzene	<0.429	U	50.0	51.35		ug/L		103	75 - 125
Styrene	<0.619	U	50.0	55.80		ug/L		112	75 - 125
Tetrachloroethene	<0.655	U	50.0	57.59		ug/L		115	71 - 125
Tetrahydrofuran	<1.83	U	100	88.03		ug/L		88	75 - 125
Toluene	<0.475	U	50.0	55.87		ug/L		112	59 - 139
trans-1,2-Dichloroethene	<0.368	U	50.0	53.53		ug/L		107	75 - 125
trans-1,3-Dichloropropene	<1.27	U	50.0	52.65		ug/L		105	66 - 125
trans-1,4-Dichloro-2-butene	<1.35	U	50.0	47.48		ug/L		95	70 - 130
Trichloroethene	<1.50	U	50.0	54.36		ug/L		109	62 - 137
Trichlorofluoromethane	<0.560	U	50.0	42.31		ug/L		85	60 - 140
Vinyl acetate	<2.14	U	250	297.7		ug/L		119	60 - 140
Vinyl chloride	<0.428	U	50.0	41.48		ug/L		83	60 - 140
Xylenes, Total	<1.24	U	100	110.4		ug/L		110	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.05627		mg/L		113	75 - 125
o-Xylene	<0.000502	U	0.0500	0.05408		mg/L		108	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 860-199129/9
Matrix: Water
Analysis Batch: 199129

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 10:10	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 10:10	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 10:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/12/24 10:10	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 10:10	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 10:10	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 10:10	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 10:10	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 10:10	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 10:10	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 10:10	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 10:10	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 10:10	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 10:10	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 10:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-199129/9
Matrix: Water
Analysis Batch: 199129

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/12/24 10:10	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 10:10	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 10:10	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/12/24 10:10	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 10:10	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 10:10	1
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 10:10	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 10:10	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 10:10	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 10:10	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 10:10	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/12/24 10:10	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 10:10	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 10:10	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/12/24 10:10	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 10:10	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 10:10	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 10:10	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 10:10	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 10:10	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 10:10	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 10:10	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 10:10	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 10:10	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 10:10	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/12/24 10:10	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 10:10	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 10:10	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 10:10	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 10:10	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/12/24 10:10	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/12/24 10:10	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 10:10	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/12/24 10:10	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 10:10	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 10:10	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 10:10	1
Methylene Chloride	4.642	J	5.00	1.73	ug/L			11/12/24 10:10	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 10:10	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 10:10	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 10:10	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 10:10	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 10:10	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 10:10	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 10:10	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 10:10	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 10:10	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 10:10	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 10:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-199129/9
Matrix: Water
Analysis Batch: 199129

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 10:10	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 10:10	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 10:10	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 10:10	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 10:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*11/12/24 10:10*	*1*
4-Bromofluorobenzene (Surr)	*107*		*74 - 124*		*11/12/24 10:10*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 131*		*11/12/24 10:10*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/12/24 10:10*	*1*

Lab Sample ID: LCS 860-199129/3
Matrix: Water
Analysis Batch: 199129

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	47.43		ug/L		95	72 - 125
1,1,1-Trichloroethane	50.0	45.33		ug/L		91	70 - 130
1,1,2,2-Tetrachloroethane	50.0	50.63		ug/L		101	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.57		ug/L		89	60 - 140
1,1,2-Trichloroethane	50.0	43.38		ug/L		87	75 - 130
1,1-Dichloroethane	50.0	48.11		ug/L		96	71 - 130
1,1-Dichloroethene	50.0	44.84		ug/L		90	50 - 150
1,2,3-Trichloropropane	50.0	52.04		ug/L		104	75 - 125
1,2,4-Trimethylbenzene	50.0	50.30		ug/L		101	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	50.38		ug/L		101	59 - 125
1,2-Dibromoethane	50.0	50.42		ug/L		101	73 - 125
1,2-Dichloroethane	50.0	49.74		ug/L		99	72 - 130
1,2-Dichloropropane	50.0	45.07		ug/L		90	74 - 125
1,3,5-Trimethylbenzene	50.0	50.82		ug/L		102	60 - 140
1,3-Butadiene	50.0	44.17		ug/L		88	60 - 150
2,2,4-Trimethylpentane	50.0	50.84		ug/L		102	70 - 130
2-Butanone (MEK)	250	263.0		ug/L		105	60 - 140
2-Hexanone (MBK)	250	258.6		ug/L		103	60 - 140
2-Propanol	500	435.1		ug/L		87	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	48.83		ug/L		98	70 - 130
4-Methyl-2-pentanone	250	260.2		ug/L		104	60 - 140
Acetone	250	259.1		ug/L		104	60 - 140
Acetonitrile	500	488.3		ug/L		98	60 - 140
Acrolein	250	282.9		ug/L		113	60 - 140
Acrylonitrile	500	518.2		ug/L		104	60 - 140
alpha-Chlorotoluene	50.0	53.56		ug/L		107	75 - 125
Benzene	50.0	49.10		ug/L		98	75 - 125
Bromodichloromethane	50.0	47.04		ug/L		94	75 - 125
Bromoform	50.0	42.93		ug/L		86	70 - 130
Bromomethane	50.0	46.18		ug/L		92	60 - 140
Carbon disulfide	50.0	42.96		ug/L		86	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-199129/3
Matrix: Water
Analysis Batch: 199129

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon tetrachloride	50.0	44.89		ug/L		90	70 - 125
Chlorobenzene	50.0	48.62		ug/L		97	82 - 135
Chlorodibromomethane	50.0	45.73		ug/L		91	73 - 125
Chloroethane	50.0	46.44		ug/L		93	60 - 140
Chloroform	50.0	47.54		ug/L		95	70 - 121
Chloromethane	50.0	48.03		ug/L		96	60 - 140
Chloroprene	50.0	54.28		ug/L		109	70 - 130
cis-1,2-Dichloroethene	50.0	48.31		ug/L		97	75 - 125
cis-1,3-Dichloropropene	50.0	50.80		ug/L		102	74 - 125
Cumene (isopropylbenzene)	50.0	48.72		ug/L		97	75 - 125
Cyclohexane	50.0	46.56		ug/L		93	70 - 130
Dibromomethane	50.0	47.09		ug/L		94	69 - 127
Dichlorodifluoromethane	50.0	29.82		ug/L		60	50 - 150
Ethyl methacrylate	50.0	49.81		ug/L		100	70 - 130
Ethylbenzene	50.0	49.32		ug/L		99	75 - 125
Hexane	50.0	47.81		ug/L		96	72 - 125
Iodomethane	50.0	31.01	*-	ug/L		62	75 - 125
Isobutanol	1240	1157		ug/L		93	60 - 140
Methacrylonitrile	500	558.0		ug/L		112	70 - 130
Methyl methacrylate	100	106.8		ug/L		107	70 - 130
Methyl tert-butyl ether	50.0	51.61		ug/L		103	65 - 135
Methylene Chloride	50.0	47.95		ug/L		96	71 - 125
Propionitrile	500	523.4		ug/L		105	70 - 130
Propylbenzene	50.0	51.72		ug/L		103	75 - 125
Styrene	50.0	49.21		ug/L		98	75 - 125
Tetrachloroethene	50.0	41.82		ug/L		84	71 - 125
Tetrahydrofuran	100	100.0		ug/L		100	75 - 125
Toluene	50.0	48.49		ug/L		97	75 - 130
trans-1,2-Dichloroethene	50.0	50.15		ug/L		100	75 - 125
trans-1,3-Dichloropropene	50.0	50.62		ug/L		101	66 - 125
trans-1,4-Dichloro-2-butene	50.0	48.95		ug/L		98	70 - 130
Trichloroethene	50.0	41.91		ug/L		84	75 - 135
Trichlorofluoromethane	50.0	54.36		ug/L		109	60 - 140
Vinyl acetate	250	310.3		ug/L		124	60 - 140
Vinyl chloride	50.0	47.77		ug/L		96	60 - 140
Xylenes, Total	100	98.24		ug/L		98	75 - 125
m,p-Xylenes	0.0500	0.04880		mg/L		98	75 - 125
o-Xylene	0.0500	0.04944		mg/L		99	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*
Dibromofluoromethane (Surr)	*106*		*75 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-199129/4
Matrix: Water
Analysis Batch: 199129

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	46.61		ug/L		93	72 - 125	2	25
1,1,1-Trichloroethane	50.0	44.27		ug/L		89	70 - 130	2	25
1,1,2,2-Tetrachloroethane	50.0	49.13		ug/L		98	74 - 125	3	25
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	43.21		ug/L		86	60 - 140	3	25
1,1,2-Trichloroethane	50.0	42.67		ug/L		85	75 - 130	2	25
1,1-Dichloroethane	50.0	47.66		ug/L		95	71 - 130	1	25
1,1-Dichloroethene	50.0	44.43		ug/L		89	50 - 150	1	25
1,2,3-Trichloropropane	50.0	51.18		ug/L		102	75 - 125	2	25
1,2,4-Trimethylbenzene	50.0	50.00		ug/L		100	75 - 125	1	25
1,2-Dibromo-3-Chloropropane	50.0	48.48		ug/L		97	59 - 125	4	25
1,2-Dibromoethane	50.0	49.23		ug/L		98	73 - 125	2	25
1,2-Dichloroethane	50.0	49.49		ug/L		99	72 - 130	0	25
1,2-Dichloropropane	50.0	45.77		ug/L		92	74 - 125	2	25
1,3,5-Trimethylbenzene	50.0	50.17		ug/L		100	60 - 140	1	25
1,3-Butadiene	50.0	42.76		ug/L		86	60 - 150	3	25
2,2,4-Trimethylpentane	50.0	50.98		ug/L		102	70 - 130	0	25
2-Butanone (MEK)	250	249.3		ug/L		100	60 - 140	5	25
2-Hexanone (MBK)	250	248.9		ug/L		100	60 - 140	4	25
2-Propanol	500	444.9		ug/L		89	70 - 120	2	25
3-Chloropropene (Allyl Chloride)	50.0	47.36		ug/L		95	70 - 130	3	25
4-Methyl-2-pentanone	250	252.2		ug/L		101	60 - 140	3	25
Acetone	250	254.4		ug/L		102	60 - 140	2	25
Acetonitrile	500	473.6		ug/L		95	60 - 140	3	25
Acrolein	250	261.0		ug/L		104	60 - 140	8	25
Acrylonitrile	500	498.4		ug/L		100	60 - 140	4	25
alpha-Chlorotoluene	50.0	52.22		ug/L		104	75 - 125	3	25
Benzene	50.0	48.52		ug/L		97	75 - 125	1	25
Bromodichloromethane	50.0	46.97		ug/L		94	75 - 125	0	25
Bromoform	50.0	42.78		ug/L		86	70 - 130	0	25
Bromomethane	50.0	45.16		ug/L		90	60 - 140	2	25
Carbon disulfide	50.0	42.22		ug/L		84	60 - 140	2	25
Carbon tetrachloride	50.0	44.58		ug/L		89	70 - 125	1	25
Chlorobenzene	50.0	47.88		ug/L		96	82 - 135	2	25
Chlorodibromomethane	50.0	45.66		ug/L		91	73 - 125	0	25
Chloroethane	50.0	44.38		ug/L		89	60 - 140	5	25
Chloroform	50.0	46.72		ug/L		93	70 - 121	2	25
Chloromethane	50.0	46.09		ug/L		92	60 - 140	4	25
Chloroprene	50.0	52.99		ug/L		106	70 - 130	2	25
cis-1,2-Dichloroethene	50.0	47.47		ug/L		95	75 - 125	2	25
cis-1,3-Dichloropropene	50.0	50.37		ug/L		101	74 - 125	1	25
Cumene (isopropylbenzene)	50.0	48.01		ug/L		96	75 - 125	1	25
Cyclohexane	50.0	45.38		ug/L		91	70 - 130	3	25
Dibromomethane	50.0	46.67		ug/L		93	69 - 127	1	25
Dichlorodifluoromethane	50.0	29.59		ug/L		59	50 - 150	1	25
Ethyl methacrylate	50.0	48.76		ug/L		98	70 - 130	2	25
Ethylbenzene	50.0	48.41		ug/L		97	75 - 125	2	25
Hexane	50.0	46.77		ug/L		94	72 - 125	2	25
Iodomethane	50.0	32.74	*-	ug/L		65	75 - 125	5	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-199129/4
Matrix: Water
Analysis Batch: 199129

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isobutanol			1240	1112		ug/L		90	60 - 140	4	25
Methacrylonitrile			500	538.9		ug/L		108	70 - 130	3	25
Methyl methacrylate			100	104.6		ug/L		105	70 - 130	2	25
Methyl tert-butyl ether			50.0	51.38		ug/L		103	65 - 135	0	25
Methylene Chloride			50.0	47.99		ug/L		96	71 - 125	0	25
Propionitrile			500	505.8		ug/L		101	70 - 130	3	25
Propylbenzene			50.0	51.35		ug/L		103	75 - 125	1	25
Styrene			50.0	49.08		ug/L		98	75 - 125	0	25
Tetrachloroethene			50.0	41.47		ug/L		83	71 - 125	1	25
Tetrahydrofuran			100	91.64		ug/L		92	75 - 125	9	25
Toluene			50.0	48.01		ug/L		96	75 - 130	1	25
trans-1,2-Dichloroethene			50.0	47.80		ug/L		96	75 - 125	5	25
trans-1,3-Dichloropropene			50.0	50.37		ug/L		101	66 - 125	0	25
trans-1,4-Dichloro-2-butene			50.0	49.74		ug/L		99	70 - 130	2	25
Trichloroethene			50.0	41.59		ug/L		83	75 - 135	1	25
Trichlorofluoromethane			50.0	53.39		ug/L		107	60 - 140	2	25
Vinyl acetate			250	292.9		ug/L		117	60 - 140	6	25
Vinyl chloride			50.0	46.52		ug/L		93	60 - 140	3	25
Xylenes, Total			100	96.28		ug/L		96	75 - 125	2	25
m,p-Xylenes			0.0500	0.04780		mg/L		96	75 - 125	2	25
o-Xylene			0.0500	0.04848		mg/L		97	75 - 125	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*
Dibromofluoromethane (Surr)	*106*		*75 - 131*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 860-85968-C-1 MS
Matrix: Water
Analysis Batch: 199129

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.644	U	50.0	47.12		ug/L		94	72 - 125
1,1,1-Trichloroethane	<0.585	U	50.0	45.13		ug/L		90	75 - 125
1,1,2,2-Tetrachloroethane	<0.470	U	50.0	48.89		ug/L		98	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	50.0	38.95		ug/L		78	60 - 140
1,1,2-Trichloroethane	<0.411	U	50.0	41.78		ug/L		84	75 - 127
1,1-Dichloroethane	<0.635	U	50.0	48.41		ug/L		97	72 - 125
1,1-Dichloroethene	<0.738	U	50.0	43.45		ug/L		87	59 - 172
1,2,3-Trichloropropane	<0.470	U	50.0	50.29		ug/L		101	75 - 125
1,2,4-Trimethylbenzene	<0.417	U	50.0	50.25		ug/L		101	75 - 125
1,2-Dibromo-3-Chloropropane	<0.671	U	50.0	49.20		ug/L		98	59 - 125
1,2-Dibromoethane	<0.999	U	50.0	47.49		ug/L		95	73 - 125
1,2-Dichloroethane	<0.372	U	50.0	48.38		ug/L		97	68 - 127
1,2-Dichloropropane	2.04	J	50.0	47.03		ug/L		90	74 - 125
1,3,5-Trimethylbenzene	<0.411	U	50.0	50.40		ug/L		101	70 - 125
1,3-Butadiene	<0.568	U	50.0	59.57		ug/L		119	70 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-85968-C-1 MS
Matrix: Water
Analysis Batch: 199129

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,2,4-Trimethylpentane	<0.500	U	50.0	48.02		ug/L		96	70 - 130
2-Butanone (MEK)	<8.28	U	250	241.5		ug/L		97	60 - 140
2-Hexanone (MBK)	<5.00	U	250	234.5		ug/L		94	60 - 140
2-Propanol	<5.23	U	500	419.7		ug/L		84	70 - 120
3-Chloropropene (Allyl Chloride)	<0.597	U	50.0	48.11		ug/L		96	70 - 130
4-Methyl-2-pentanone	<5.00	U	250	241.8		ug/L		97	60 - 140
Acetone	<3.07	U	250	230.7		ug/L		92	60 - 140
Acetonitrile	<14.6	U	500	481.1		ug/L		96	60 - 140
Acrolein	<11.1	U	250	254.2		ug/L		102	50 - 150
Acrylonitrile	<14.3	U	500	484.5		ug/L		97	50 - 150
alpha-Chlorotoluene	<2.26	U	50.0	53.12		ug/L		106	70 - 130
Benzene	0.657	J	50.0	49.44		ug/L		98	66 - 142
Bromodichloromethane	<0.552	U	50.0	46.75		ug/L		94	75 - 125
Bromoform	<0.633	U	50.0	40.72		ug/L		81	75 - 125
Bromomethane	<1.42	U	50.0	56.53		ug/L		113	60 - 140
Carbon disulfide	<1.65	U	50.0	40.29		ug/L		81	60 - 140
Carbon tetrachloride	1.66	J	50.0	47.32		ug/L		91	62 - 125
Chlorobenzene	2.51		50.0	49.37		ug/L		94	60 - 133
Chlorodibromomethane	<0.547	U	50.0	43.68		ug/L		87	73 - 125
Chloroethane	<1.98	U	50.0	62.80		ug/L		126	60 - 140
Chloroform	1.27		50.0	48.78		ug/L		95	70 - 130
Chloromethane	<2.04	U	50.0	68.98		ug/L		138	60 - 140
Chloroprene	<0.598	U	50.0	53.21		ug/L		106	70 - 130
cis-1,2-Dichloroethene	1.11		50.0	49.06		ug/L		96	75 - 125
cis-1,3-Dichloropropene	<1.07	U	50.0	50.41		ug/L		101	74 - 125
Cumene (isopropylbenzene)	<0.592	U	50.0	47.90		ug/L		96	75 - 125
Cyclohexane	<1.29	U	50.0	45.53		ug/L		91	70 - 130
Dibromomethane	<0.357	U	50.0	45.42		ug/L		91	69 - 127
Dichlorodifluoromethane	<0.785	U F1	50.0	77.51	F1	ug/L		155	70 - 130
Ethyl methacrylate	<1.12	U	50.0	47.23		ug/L		94	70 - 130
Ethylbenzene	<0.385	U	50.0	48.52		ug/L		97	75 - 125
Hexane	<0.517	U	50.0	44.26		ug/L		89	72 - 125
Iodomethane	<5.00	U *-	50.0	38.43		ug/L		77	75 - 125
Isobutanol	<17.1	U	1240	1104		ug/L		89	60 - 140
Methacrylonitrile	<2.72	U	500	527.0		ug/L		105	70 - 130
Methyl methacrylate	<2.25	U	100	101.7		ug/L		102	70 - 130
Methyl tert-butyl ether	<1.39	U	50.0	49.71		ug/L		99	65 - 135
Methylene Chloride	<1.73	U	50.0	46.36		ug/L		93	75 - 125
Propionitrile	<3.34	U	500	497.7		ug/L		100	70 - 130
Propylbenzene	<0.429	U	50.0	52.24		ug/L		104	75 - 125
Styrene	<0.619	U F1	50.0	28.96	F1	ug/L		58	75 - 125
Tetrachloroethene	107	F1	50.0	101.2	F1	ug/L		-12	71 - 125
Tetrahydrofuran	<1.83	U	100	96.15		ug/L		96	75 - 125
Toluene	<0.475	U	50.0	47.43		ug/L		95	59 - 139
trans-1,2-Dichloroethene	<0.368	U	50.0	47.35		ug/L		95	75 - 125
trans-1,3-Dichloropropene	<1.27	U	50.0	48.74		ug/L		97	66 - 125
trans-1,4-Dichloro-2-butene	<1.35	U	50.0	49.06		ug/L		98	70 - 130
Trichloroethene	5.97		50.0	45.78		ug/L		80	62 - 137
Trichlorofluoromethane	<0.560	U	50.0	67.19		ug/L		134	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-85968-C-1 MS
Matrix: Water
Analysis Batch: 199129

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Vinyl acetate	<2.14	U	250	249.1		ug/L		100	60 - 140
Vinyl chloride	<0.428	U F1	50.0	70.94	F1	ug/L		142	60 - 140
Xylenes, Total	<1.24	U	100	96.14		ug/L		96	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.04773		mg/L		95	75 - 125
o-Xylene	<0.000502	U	0.0500	0.04841		mg/L		97	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*
4-Bromofluorobenzene (Surr)	*108*		*74 - 124*
Dibromofluoromethane (Surr)	*108*		*75 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-199383/1-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199383

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,4-Dimethylphenol	<0.192	U	0.571	0.192	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/13/24 05:02	11/18/24 14:59	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/13/24 05:02	11/18/24 14:59	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/13/24 05:02	11/18/24 14:59	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/13/24 05:02	11/18/24 14:59	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/13/24 05:02	11/18/24 14:59	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/13/24 05:02	11/18/24 14:59	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/13/24 05:02	11/18/24 14:59	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/13/24 05:02	11/18/24 14:59	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199383/1-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199383

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/13/24 05:02	11/18/24 14:59	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/13/24 05:02	11/18/24 14:59	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/13/24 05:02	11/18/24 14:59	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/13/24 05:02	11/18/24 14:59	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/13/24 05:02	11/18/24 14:59	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		11/13/24 05:02	11/18/24 14:59	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/13/24 05:02	11/18/24 14:59	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/13/24 05:02	11/18/24 14:59	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/13/24 05:02	11/18/24 14:59	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/13/24 05:02	11/18/24 14:59	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/13/24 05:02	11/18/24 14:59	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/13/24 05:02	11/18/24 14:59	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		11/13/24 05:02	11/18/24 14:59	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/13/24 05:02	11/18/24 14:59	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/13/24 05:02	11/18/24 14:59	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/13/24 05:02	11/18/24 14:59	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/13/24 05:02	11/18/24 14:59	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/13/24 05:02	11/18/24 14:59	1
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/13/24 05:02	11/18/24 14:59	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/13/24 05:02	11/18/24 14:59	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/13/24 05:02	11/18/24 14:59	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/13/24 05:02	11/18/24 14:59	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/13/24 05:02	11/18/24 14:59	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	11/18/24 14:59	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/13/24 05:02	11/18/24 14:59	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		11/13/24 05:02	11/18/24 14:59	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/13/24 05:02	11/18/24 14:59	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/13/24 05:02	11/18/24 14:59	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/13/24 05:02	11/18/24 14:59	1
Phenol	<0.448	U	2.86	0.448	ug/L		11/13/24 05:02	11/18/24 14:59	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/13/24 05:02	11/18/24 14:59	1
Pyridine	<1.44	U	2.86	1.44	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/13/24 05:02	11/18/24 14:59	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/13/24 05:02	11/18/24 14:59	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/13/24 05:02	11/18/24 14:59	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/13/24 05:02	11/18/24 14:59	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		11/13/24 05:02	11/18/24 14:59	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199383/1-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199383

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/13/24 05:02	11/18/24 14:59	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/13/24 05:02	11/18/24 14:59	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/13/24 05:02	11/18/24 14:59	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/13/24 05:02	11/18/24 14:59	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/13/24 05:02	11/18/24 14:59	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		11/13/24 05:02	11/18/24 14:59	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		11/13/24 05:02	11/18/24 14:59	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/13/24 05:02	11/18/24 14:59	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/13/24 05:02	11/18/24 14:59	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/13/24 05:02	11/18/24 14:59	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/13/24 05:02	11/18/24 14:59	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/13/24 05:02	11/18/24 14:59	1
Dimethoate	<0.122	U	0.571	0.122	ug/L		11/13/24 05:02	11/18/24 14:59	1
Dinoseb	<0.570	U	2.86	0.570	ug/L		11/13/24 05:02	11/18/24 14:59	1
Disulfoton	<0.203	U	0.571	0.203	ug/L		11/13/24 05:02	11/18/24 14:59	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/13/24 05:02	11/18/24 14:59	1
Ethyl Parathion	<0.0502	U	0.229	0.0502	ug/L		11/13/24 05:02	11/18/24 14:59	1
Famphur	<0.151	U	1.14	0.151	ug/L		11/13/24 05:02	11/18/24 14:59	1
Hexachloropropene	<0.300	U	0.571	0.300	ug/L		11/13/24 05:02	11/18/24 14:59	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/13/24 05:02	11/18/24 14:59	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/13/24 05:02	11/18/24 14:59	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/13/24 05:02	11/18/24 14:59	1
Methapyrilene	<1.00	U	2.29	1.00	ug/L		11/13/24 05:02	11/18/24 14:59	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/13/24 05:02	11/18/24 14:59	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		11/13/24 05:02	11/18/24 14:59	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		11/13/24 05:02	11/18/24 14:59	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		11/13/24 05:02	11/18/24 14:59	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	11/18/24 14:59	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	11/18/24 14:59	1
Phorate	<0.221	U	0.571	0.221	ug/L		11/13/24 05:02	11/18/24 14:59	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		11/13/24 05:02	11/18/24 14:59	1
Pronamide	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	11/18/24 14:59	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/13/24 05:02	11/18/24 14:59	1
Sulfotepp	<0.147	U	0.571	0.147	ug/L		11/13/24 05:02	11/18/24 14:59	1
Thionazin	<0.208	U	1.14	0.208	ug/L		11/13/24 05:02	11/18/24 14:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*35 - 130*	*11/13/24 05:02*	*11/18/24 14:59*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199383/1-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199383

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	112		43 - 130	11/13/24 05:02	11/18/24 14:59	1
2-Fluorophenol (Surr)	44		19 - 120	11/13/24 05:02	11/18/24 14:59	1
Nitrobenzene-d5 (Surr)	99		37 - 133	11/13/24 05:02	11/18/24 14:59	1
Phenol-d5 (Surr)	28		8 - 124	11/13/24 05:02	11/18/24 14:59	1
p-Terphenyl-d14	130		47 - 130	11/13/24 05:02	11/18/24 14:59	1

Lab Sample ID: LCS 860-199383/2-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199383

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	2.86	1.303		ug/L		46	32 - 130
1,2-Dichlorobenzene	2.86	1.430		ug/L		50	32 - 130
1,3-Dichlorobenzene	2.86	1.218		ug/L		43	26 - 130
1,4-Dichlorobenzene	2.86	1.300		ug/L		46	28 - 130
2,2'-oxybis[1-chloropropane]	2.86	2.992		ug/L		105	10 - 173
2,4,5-Trichlorophenol	2.86	2.575		ug/L		90	35 - 130
2,4,6-Trichlorophenol	2.86	2.409		ug/L		84	52 - 129
2,4-Dichlorophenol	2.86	2.701		ug/L		95	53 - 122
2,4-Dimethylphenol	2.86	3.505	*+	ug/L		123	42 - 120
1,4-Dioxane	2.86	0.7721		ug/L		27	27 - 130
2,4-Dinitrophenol	2.86	2.145	J	ug/L		75	12 - 173
2,4-Dinitrotoluene	2.86	3.023		ug/L		106	48 - 127
2,6-Dinitrotoluene	2.86	2.630		ug/L		92	68 - 137
2-Chloronaphthalene	2.86	2.206		ug/L		77	10 - 130
2-Methylnaphthalene	2.86	2.167		ug/L		76	25 - 175
2-Methylphenol	2.86	2.228		ug/L		78	14 - 176
2-Nitroaniline	2.86	2.815		ug/L		99	59 - 130
2-Nitrophenol	2.86	2.524		ug/L		88	45 - 167
3 & 4 Methylphenol	2.86	2.187		ug/L		77	22 - 130
3-Nitroaniline	2.86	1.399		ug/L		49	30 - 130
4,6-Dinitro-2-methylphenol	2.86	1.770		ug/L		62	10 - 130
4-Bromophenyl phenyl ether	2.86	3.101		ug/L		109	65 - 120
4-Chloro-3-methylphenol	2.86	2.645		ug/L		93	41 - 128
4-Chloroaniline	2.86	1.578		ug/L		55	30 - 130
4-Chlorophenyl phenyl ether	2.86	3.245		ug/L		114	38 - 145
4-Nitroaniline	2.86	2.157		ug/L		75	42 - 125
Acenaphthene	2.86	2.994		ug/L		105	60 - 132
Acenaphthylene	2.86	2.973		ug/L		104	54 - 126
Aniline	2.86	1.238		ug/L		43	15 - 130
Anthracene	2.86	2.880		ug/L		101	43 - 135
Benzo[a]anthracene	2.86	3.279		ug/L		115	42 - 133
Benzo[a]pyrene	2.86	3.235		ug/L		113	32 - 148
Benzo[b]fluoranthene	2.86	3.355		ug/L		117	42 - 140
Benzo[g,h,i]perylene	2.86	3.360		ug/L		118	25 - 195
Benzo[k]fluoranthene	2.86	3.100		ug/L		109	25 - 146
Benzyl alcohol	2.86	1.072	J *-	ug/L		38	57 - 130
Bis(2-chloroethoxy)methane	2.86	3.240		ug/L		113	49 - 165

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199383/2-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199383

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	2.86	3.686	*+	ug/L		129	43 - 126
Bis(2-ethylhexyl) phthalate	2.86	2.857		ug/L		100	29 - 137
Butyl benzyl phthalate	2.86	2.766		ug/L		97	28 - 130
Chrysene	2.86	3.195		ug/L		112	47 - 130
Dibenz(a,h)anthracene	2.86	3.478		ug/L		122	32 - 200
Dibenzofuran	2.86	3.316		ug/L		116	48 - 130
Diethyl phthalate	2.86	3.159		ug/L		111	53 - 120
Dimethyl phthalate	2.86	3.212		ug/L		112	67 - 120
Di-n-butyl phthalate	2.86	3.046		ug/L		107	8 - 120
Di-n-octyl phthalate	2.86	2.724		ug/L		95	19 - 200
Fluoranthene	2.86	3.470		ug/L		121	43 - 130
Fluorene	2.86	2.931		ug/L		103	70 - 130
Hexachlorobenzene	2.86	3.334		ug/L		117	8 - 142
Hexachlorobutadiene	2.86	0.4722	J	ug/L		17	10 - 130
Hexachlorocyclopentadiene	2.86	0.9582		ug/L		34	10 - 130
Hexachloroethane	2.86	0.7227		ug/L		25	10 - 130
Indeno[1,2,3-cd]pyrene	2.86	3.134		ug/L		110	29 - 151
Isophorone	2.86	3.035		ug/L		106	47 - 180
Naphthalene	2.86	2.305		ug/L		81	36 - 120
Nitrobenzene	2.86	2.762		ug/L		97	54 - 130
N-Nitrosodi-n-propylamine	2.86	2.701		ug/L		95	14 - 198
N-Nitrosodiphenylamine	2.86	3.516		ug/L		123	40 - 127
Pentachlorophenol	2.86	2.152		ug/L		75	38 - 152
Phenanthrene	2.86	3.227		ug/L		113	65 - 120
Phenol	2.86	0.9088	J	ug/L		32	17 - 120
Pyrene	2.86	3.560		ug/L		125	70 - 130
Pyridine	2.86	<1.44	U *-	ug/L		0	1 - 126
N-Nitro-o-toluidine	2.86	2.327		ug/L		81	47 - 130
2,3,4,6-Tetrachlorophenol	2.86	2.023		ug/L		71	33 - 132
Acetophenone	2.86	2.914		ug/L		102	58 - 130
N-Nitrosopiperidine	2.86	2.416		ug/L		85	54 - 130
Pentachlorobenzene	2.86	2.177		ug/L		76	47 - 130
Diphenyl ether	2.86	2.584		ug/L		90	61 - 130
1,1'-Biphenyl	2.86	2.495		ug/L		87	52 - 130
4-Aminobiphenyl	2.86	2.341		ug/L		82	35 - 130
1,2,4,5-Tetrachlorobenzene	2.86	1.491		ug/L		52	52 - 130
1,3,5-Trinitrobenzene	2.86	3.420		ug/L		120	42 - 130
1,3-Dinitrobenzene	2.86	2.663		ug/L		93	54 - 130
1,4-Naphthoquinone	2.86	1.689		ug/L		59	34 - 130
1-Naphthylamine	2.86	1.391		ug/L		49	40 - 130
2,6-Dichlorophenol	2.86	2.351		ug/L		82	40 - 130
2-Acetylaminofluorene	2.86	3.960		ug/L		139	50 - 150
2-Chlorophenol	2.86	2.521		ug/L		88	36 - 120
2-Naphthylamine	2.86	1.641		ug/L		57	30 - 130
2-Picoline	2.86	1.045		ug/L		37	22 - 130
2-Toluidine	2.86	1.366		ug/L		48	30 - 130
3,3'-Dichlorobenzidine	2.86	2.968		ug/L		104	20 - 150
3,3'-Dimethylbenzidine	2.86	1.335		ug/L		47	30 - 130
3-Methylcholanthrene	2.86	3.159		ug/L		111	53 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199383/2-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199383

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Nitroquinoline-1-oxide	2.86	2.660		ug/L		93	39 - 130
7,12-Dimethylbenz(a)anthracene	2.86	2.781		ug/L		97	63 - 130
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U	ug/L		24	20 - 130
Aramite Peak 1	1.43	1.687		ug/L		118	69 - 130
Aramite Peak 2	1.43	1.548		ug/L		108	65 - 130
Diallate Peak 1	2.11	2.393		ug/L		113	69 - 130
Diallate Peak 2	0.743	0.8607		ug/L		116	67 - 130
Ethyl methanesulfonate	2.86	2.061		ug/L		72	54 - 130
Hexachloropropene	2.86	0.6396	*-	ug/L		22	37 - 130
Isosafrole Peak 1	0.457	0.4455	J	ug/L		97	54 - 130
Isosafrole Peak 2	2.40	2.544		ug/L		106	62 - 130
Methyl methanesulfonate	2.86	1.054		ug/L		37	30 - 130
N-Nitrosodiethylamine	2.86	2.687		ug/L		94	54 - 130
N-Nitrosodimethylamine	2.86	0.5783	*-	ug/L		20	28 - 126
N-Nitrosodi-n-butylamine	2.86	2.882		ug/L		101	58 - 130
N-Nitrosomethylethylamine	2.86	1.645		ug/L		58	45 - 130
N-Nitrosomorpholine	2.86	1.206		ug/L		42	37 - 130
N-Nitrosopyrrolidine	2.86	1.137	*-	ug/L		40	47 - 130
p-Dimethylamino azobenzene	2.86	2.481		ug/L		87	61 - 130
Pentachloronitrobenzene	2.86	3.299		ug/L		115	56 - 130
Phenacetin	2.86	2.705		ug/L		95	70 - 130
p-Phenylene diamine	2.86	<0.500	U *-	ug/L		0	3 - 120
Pronamide	2.86	3.487		ug/L		122	70 - 130
Safrole, Total	2.86	2.777		ug/L		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*100*		*35 - 130*
2-Fluorobiphenyl	*110*		*43 - 130*
2-Fluorophenol (Surr)	*47*		*19 - 120*
Nitrobenzene-d5 (Surr)	*106*		*37 - 133*
Phenol-d5 (Surr)	*31*		*8 - 124*
p-Terphenyl-d14	*122*		*47 - 130*

Lab Sample ID: LCS 860-199383/4-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199383

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethoate	2.86	10.20	*+	ug/L		357	45 - 138
Dinoseb	5.71	9.941	*+	ug/L		174	49 - 130
Disulfoton	5.71	9.412	*+	ug/L		165	38 - 134
Ethyl Parathion	2.86	9.932	*+	ug/L		348	25 - 173
Famphur	2.86	5.688	*+	ug/L		199	43 - 142
Methapyrilene	5.71	23.42	E *+	ug/L		410	70 - 183
Methyl parathion	5.71	10.41	*+	ug/L		182	26 - 159
o,o',o''-Triethylphosphorothioate	2.86	4.160	*+	ug/L		146	43 - 130
Phorate	5.71	9.263	*+	ug/L		162	37 - 140
Sulfotepp	2.86	10.42	*+	ug/L		365	28 - 158

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199383/4-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199383

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Thionazin			2.86	4.750	*+	ug/L		166	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*101*		*35 - 130*
2-Fluorobiphenyl	*106*		*43 - 130*
2-Fluorophenol (Surr)	*54*		*19 - 120*
Nitrobenzene-d5 (Surr)	*98*		*37 - 133*
Phenol-d5 (Surr)	*40*		*8 - 124*
p-Terphenyl-d14	*103*		*47 - 130*

Lab Sample ID: LCSD 860-199383/3-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199383

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			2.86	1.348		ug/L		47	32 - 130	3	30
1,2-Dichlorobenzene			2.86	1.513		ug/L		53	32 - 130	6	30
1,3-Dichlorobenzene			2.86	1.284		ug/L		45	26 - 130	5	30
1,4-Dichlorobenzene			2.86	1.400		ug/L		49	28 - 130	7	30
2,2'-oxybis[1-chloropropane]			2.86	3.156		ug/L		110	10 - 173	5	30
2,4,5-Trichlorophenol			2.86	2.843		ug/L		100	35 - 130	10	30
2,4,6-Trichlorophenol			2.86	2.503		ug/L		88	52 - 129	4	30
2,4-Dichlorophenol			2.86	2.885		ug/L		101	53 - 122	7	30
2,4-Dimethylphenol			2.86	3.859	*+	ug/L		135	42 - 120	10	30
1,4-Dioxane			2.86	0.8311		ug/L		29	27 - 130	7	30
2,4-Dinitrophenol			2.86	1.977	J	ug/L		69	12 - 173	8	30
2,4-Dinitrotoluene			2.86	2.917		ug/L		102	48 - 127	4	30
2,6-Dinitrotoluene			2.86	2.958		ug/L		104	68 - 137	12	30
2-Chloronaphthalene			2.86	2.400		ug/L		84	10 - 130	8	30
2-Methylnaphthalene			2.86	2.222		ug/L		78	25 - 175	3	30
2-Methylphenol			2.86	2.468		ug/L		86	14 - 176	10	30
2-Nitroaniline			2.86	2.834		ug/L		99	59 - 130	1	30
2-Nitrophenol			2.86	2.626		ug/L		92	45 - 167	4	30
3 & 4 Methylphenol			2.86	2.386		ug/L		83	22 - 130	9	30
3-Nitroaniline			2.86	1.596	I	ug/L		56	30 - 130	13	30
4,6-Dinitro-2-methylphenol			2.86	1.626		ug/L		57	10 - 130	8	30
4-Bromophenyl phenyl ether			2.86	3.266		ug/L		114	65 - 120	5	30
4-Chloro-3-methylphenol			2.86	2.748		ug/L		96	41 - 128	4	30
4-Chloroaniline			2.86	1.584		ug/L		55	30 - 130	0	30
4-Chlorophenyl phenyl ether			2.86	3.163		ug/L		111	38 - 145	3	30
4-Nitroaniline			2.86	1.945		ug/L		68	42 - 125	10	30
Acenaphthene			2.86	2.939		ug/L		103	60 - 132	2	30
Acenaphthylene			2.86	3.199		ug/L		112	54 - 126	7	30
Aniline			2.86	1.461		ug/L		51	15 - 130	17	30
Anthracene			2.86	2.988		ug/L		105	43 - 135	4	30
Benzo[a]anthracene			2.86	3.532		ug/L		124	42 - 133	7	30
Benzo[a]pyrene			2.86	3.501		ug/L		123	32 - 148	8	30
Benzo[b]fluoranthene			2.86	3.381		ug/L		118	42 - 140	1	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199383/3-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199383

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[g,h,i]perylene	2.86	3.493		ug/L		122	25 - 195	4	30
Benzo[k]fluoranthene	2.86	3.453		ug/L		121	25 - 146	11	30
Benzyl alcohol	2.86	1.150	*-	ug/L		40	57 - 130	7	30
Bis(2-chloroethoxy)methane	2.86	3.491		ug/L		122	49 - 165	7	30
Bis(2-chloroethyl)ether	2.86	3.917	*+	ug/L		137	43 - 126	6	30
Bis(2-ethylhexyl) phthalate	2.86	3.036		ug/L		106	29 - 137	6	30
Butyl benzyl phthalate	2.86	2.730		ug/L		96	28 - 130	1	30
Chrysene	2.86	3.423		ug/L		120	47 - 130	7	30
Dibenz(a,h)anthracene	2.86	3.647		ug/L		128	32 - 200	5	30
Dibenzofuran	2.86	3.279		ug/L		115	48 - 130	1	30
Diethyl phthalate	2.86	3.194		ug/L		112	53 - 120	1	30
Dimethyl phthalate	2.86	3.473	*+	ug/L		122	67 - 120	8	30
Di-n-butyl phthalate	2.86	3.121		ug/L		109	8 - 120	2	30
Di-n-octyl phthalate	2.86	2.914		ug/L		102	19 - 200	7	30
Fluoranthene	2.86	3.463		ug/L		121	43 - 130	0	30
Fluorene	2.86	2.925		ug/L		102	70 - 130	0	30
Hexachlorobenzene	2.86	3.242		ug/L		113	8 - 142	3	30
Hexachlorobutadiene	2.86	0.5349	J	ug/L		19	10 - 130	12	30
Hexachlorocyclopentadiene	2.86	0.9937		ug/L		35	10 - 130	4	30
Hexachloroethane	2.86	0.7093		ug/L		25	10 - 130	2	30
Indeno[1,2,3-cd]pyrene	2.86	3.304		ug/L		116	29 - 151	5	30
Isophorone	2.86	3.201		ug/L		112	47 - 180	5	30
Naphthalene	2.86	2.520		ug/L		88	36 - 120	9	30
Nitrobenzene	2.86	3.023		ug/L		106	54 - 130	9	30
N-Nitrosodi-n-propylamine	2.86	2.736		ug/L		96	14 - 198	1	30
N-Nitrosodiphenylamine	2.86	3.446		ug/L		121	40 - 127	2	30
Pentachlorophenol	2.86	2.040		ug/L		71	38 - 152	5	30
Phenanthrene	2.86	3.310		ug/L		116	65 - 120	3	30
Phenol	2.86	0.9588	J	ug/L		34	17 - 120	5	30
Pyrene	2.86	3.488		ug/L		122	70 - 130	2	30
Pyridine	2.86	<1.44	U *-	ug/L		0	1 - 126	NC	30
N-Nitro-o-toluidine	2.86	2.284		ug/L		80	47 - 130	2	30
2,3,4,6-Tetrachlorophenol	2.86	2.043		ug/L		72	33 - 132	1	30
Acetophenone	2.86	3.096		ug/L		108	58 - 130	6	30
N-Nitrosopiperidine	2.86	2.583		ug/L		90	54 - 130	7	30
Pentachlorobenzene	2.86	2.143		ug/L		75	47 - 130	2	30
Diphenyl ether	2.86	2.825		ug/L		99	61 - 130	9	30
1,1'-Biphenyl	2.86	2.748		ug/L		96	52 - 130	10	30
4-Aminobiphenyl	2.86	2.410		ug/L		84	35 - 130	3	30
1,2,4,5-Tetrachlorobenzene	2.86	1.555		ug/L		54	52 - 130	4	30
1,3,5-Trinitrobenzene	2.86	3.162		ug/L		111	42 - 130	8	30
1,3-Dinitrobenzene	2.86	3.122		ug/L		109	54 - 130	16	30
1,4-Naphthoquinone	2.86	1.793		ug/L		63	34 - 130	6	30
1-Naphthylamine	2.86	1.465		ug/L		51	40 - 130	5	30
2,6-Dichlorophenol	2.86	2.539		ug/L		89	40 - 130	8	30
2-Acetylaminofluorene	2.86	3.888		ug/L		136	50 - 150	2	30
2-Chlorophenol	2.86	2.724		ug/L		95	36 - 120	8	30
2-Naphthylamine	2.86	1.578		ug/L		55	30 - 130	4	30
2-Picoline	2.86	1.188		ug/L		42	22 - 130	13	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199383/3-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199383

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Toluidine			2.86	1.372		ug/L		48	30 - 130	0	30
3,3'-Dichlorobenzidine			2.86	2.863		ug/L		100	20 - 150	4	30
3,3'-Dimethylbenzidine			2.86	1.463		ug/L		51	30 - 130	9	30
3-Methylcholanthrene			2.86	3.291		ug/L		115	53 - 130	4	30
4-Nitroquinoline-1-oxide			2.86	2.792		ug/L		98	39 - 130	5	30
7,12-Dimethylbenz(a)anthracene			2.86	2.926		ug/L		102	63 - 130	5	30
alpha,alpha-Dimethyl phenethylamine			2.86	<3.67	U	ug/L		29	20 - 130	21	30
Aramite Peak 1			1.43	1.665		ug/L		117	69 - 130	1	30
Aramite Peak 2			1.43	1.514		ug/L		106	65 - 130	2	30
Diallate Peak 1			2.11	2.553		ug/L		121	69 - 130	6	30
Diallate Peak 2			0.743	0.8094		ug/L		109	67 - 130	6	30
Ethyl methanesulfonate			2.86	2.223		ug/L		78	54 - 130	8	30
Hexachloropropene			2.86	0.6629	*-	ug/L		23	37 - 130	4	30
Isosafrole Peak 1			0.457	0.4617	J	ug/L		101	54 - 130	4	30
Isosafrole Peak 2			2.40	2.648		ug/L		110	62 - 130	4	30
Methyl methanesulfonate			2.86	1.128		ug/L		39	30 - 130	7	30
N-Nitrosodiethylamine			2.86	2.901		ug/L		102	54 - 130	8	30
N-Nitrosodimethylamine			2.86	0.6404	*-	ug/L		22	28 - 126	10	30
N-Nitrosodi-n-butylamine			2.86	3.149		ug/L		110	58 - 130	9	30
N-Nitrosomethylethylamine			2.86	1.796		ug/L		63	45 - 130	9	30
N-Nitrosomorpholine			2.86	1.266		ug/L		44	37 - 130	5	30
N-Nitrosopyrrolidine			2.86	1.228	*-	ug/L		43	47 - 130	8	30
p-Dimethylamino azobenzene			2.86	2.446		ug/L		86	61 - 130	1	30
Pentachloronitrobenzene			2.86	3.180		ug/L		111	56 - 130	4	30
Phenacetin			2.86	2.686		ug/L		94	70 - 130	1	30
p-Phenylene diamine			2.86	<0.500	U *-	ug/L		0	3 - 120	NC	30
Pronamide			2.86	3.494		ug/L		122	70 - 130	0	30
Safrole, Total			2.86	2.964		ug/L		104	70 - 130	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*114*		*35 - 130*
2-Fluorobiphenyl	*110*		*43 - 130*
2-Fluorophenol (Surr)	*52*		*19 - 120*
Nitrobenzene-d5 (Surr)	*111*		*37 - 133*
Phenol-d5 (Surr)	*33*		*8 - 124*
p-Terphenyl-d14	*122*		*47 - 130*

Lab Sample ID: LCSD 860-199383/5-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199383

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethoate			2.86	10.79	*+	ug/L		377	45 - 138	6	30
Dinoseb			5.71	10.98	*+	ug/L		192	49 - 130	10	30
Disulfoton			5.71	10.23	*+	ug/L		179	38 - 134	8	30
Ethyl Parathion			2.86	11.50	*+	ug/L		402	25 - 173	15	30
Famphur			2.86	6.406	*+	ug/L		224	43 - 142	12	30
Methapyrilene			5.71	26.58	E *+	ug/L		465	70 - 183	13	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199383/5-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199383

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl parathion			5.71	12.01	*+	ug/L		210	26 - 159	14	30
o,o',o''-Triethylphosphorothioate			2.86	4.745	*+	ug/L		166	43 - 130	13	30
Phorate			5.71	10.13	*+	ug/L		177	37 - 140	9	30
Sulfotepp			2.86	11.21	*+	ug/L		392	28 - 158	7	30
Thionazin			2.86	5.525	*+	ug/L		193	50 - 150	15	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*116*		*35 - 130*
2-Fluorobiphenyl	*111*		*43 - 130*
2-Fluorophenol (Surr)	*51*		*19 - 120*
Nitrobenzene-d5 (Surr)	*107*		*37 - 133*
Phenol-d5 (Surr)	*37*		*8 - 124*
p-Terphenyl-d14	*113*		*47 - 130*

QC Association Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86556-1

GC/MS VOA

Analysis Batch: 198955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86556-1	MW-47	Total/NA	Water	8260D	
860-86556-2	MW-43	Total/NA	Water	8260D	
MB 860-198955/9	Method Blank	Total/NA	Water	8260D	
LCS 860-198955/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-198955/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-86555-G-2 MS	Matrix Spike	Total/NA	Water	8260D	

Analysis Batch: 199129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86556-2 - RA	MW-43	Total/NA	Water	8260D	
MB 860-199129/9	Method Blank	Total/NA	Water	8260D	
LCS 860-199129/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-199129/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-85968-C-1 MS	Matrix Spike	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 199383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86556-1	MW-47	Total/NA	Water	3511	
860-86556-2	MW-43	Total/NA	Water	3511	
860-86556-2 - RA	MW-43	Total/NA	Water	3511	
MB 860-199383/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-199383/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-199383/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-199383/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-199383/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 200430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-199383/1-A	Method Blank	Total/NA	Water	8270E	199383
LCS 860-199383/2-A	Lab Control Sample	Total/NA	Water	8270E	199383
LCS 860-199383/4-A	Lab Control Sample	Total/NA	Water	8270E	199383
LCSD 860-199383/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	199383
LCSD 860-199383/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	199383

Analysis Batch: 203992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86556-1	MW-47	Total/NA	Water	8270E	199383
860-86556-2	MW-43	Total/NA	Water	8270E	199383

Analysis Batch: 204299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86556-2 - RA	MW-43	Total/NA	Water	8270E	199383

Lab Chronicle

Client: Ashland LLC
Job ID: 860-86556-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: MW-47
Lab Sample ID: 860-86556-1
Date Collected: 11/06/24 08:24
Matrix: Water
Date Received: 11/07/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198955	11/12/24 01:36	NA	EET HOU
Total/NA	Prep	3511			70.4 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	203992	12/07/24 15:41	PXS	EET HOU

Client Sample ID: MW-43
Lab Sample ID: 860-86556-2
Date Collected: 11/06/24 08:25
Matrix: Water
Date Received: 11/07/24 09:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	198955	11/12/24 01:57	NA	EET HOU
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	199129	11/12/24 14:16	AN	EET HOU
Total/NA	Prep	3511			70.4 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	203992	12/07/24 16:11	PXS	EET HOU
Total/NA	Prep	3511	RA		70.4 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	RA	1	1 mL	1 mL	204299	12/10/24 19:11	PXS	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Ashland LLC
Job ID: 860-86556-1
Project/Site: Hercules Hattiesburg, MS

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-03-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	06-30-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	06-30-25
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: Ashland LLC
Job ID: 860-86556-1
Project/Site: Hercules Hattiesburg, MS

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Ashland LLC
Job ID: 860-86556-1
Project/Site: Hercules Hattiesburg, MS

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-86556-1	MW-47	Water	11/06/24 08:24	11/07/24 09:52
860-86556-2	MW-43	Water	11/06/24 08:25	11/07/24 09:52

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

Area #3

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Client Information	Sampler: K Montgomery / B. Cando	Lab PM: Kudchadkar Sachin G	Carrier Tracking No(s):	COC No: 860-33465-10045.1
Client Contact: Mr Antonio Cardoso	Phone: 225-205 8246	E-Mail: Sachin.Kudchadkar@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Arcadis US Inc.	PWSID:			Job #:

Address: 4300 West Cypress Street Suite 450	Due Date Requested:
City: Tampa	TAT Requested (days):
State, Zip: FL, 33607	Compliance Project: Δ Yes Δ No
Phone:	PO #: 1095575
Email: antonio.cardoso@arcadis.com	WO #:
Project Name: Hercules Hattiesburg, MS	Project #: 86006085
Site:	SSOW#:

Analysis Requested

Preservation Codes: N None; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ (MOD) Appendix 9 SVOCs	8260D (MOD) Appendix 9 VOCs	Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	N		
MW-47	11/6/24	0924	G	Water	N	N	X	X	7	
MW-43	11	0825	G	Water	N	N	X	X	7	
				Water						
				Water						
				Water						
				Water						
				Water						
				Water						
				Water						
				Water						
				Water						

860-86556 Chain of Custody

Temp: 1.9 IR ID:HOU-368
C/F -0.1
Corrected Temp: 1.8

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements: *Packed w/ Area #1 wells + TB-02*

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	11-6-24 / 1600	Arcadis	FedEx		
FedEx			[signature]	11/7/24 952	E

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

12/13/2024

Login Sample Receipt Checklist

Client: Ashland LLC

Job Number: 860-86556-1

Login Number: 86556

List Source: Eurofins Houston

List Number: 1

Creator: Rubio, Yuri

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Timothy Hassett
Ashland LLC
Ashland Hercules Research Center
500 Hercules Rd Bldg 8145
Wilmington, Delaware 19808

Generated 12/23/2024 12:10:42 PM

JOB DESCRIPTION

Hercules Hattiesburg, MS

JOB NUMBER

860-86677-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
12/23/2024 12:10:42 PM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
*3	ISTD response or retention time outside acceptable limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

Job ID: 860-86677-1 — Eurofins Houston

Job Narrative
860-86677-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/9/2024 8:53 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.3°C.

Receipt Exceptions
The Field Sampler was not listed on the Chain of Custody.

GC/MS VOA
Method 8260D: The following samples were diluted due to the nature of the sample matrix: MW-30-D (860-86677-6), MW-29-S (860-86677-7), MW-26-D (860-86677-8), MW-29-D (860-86677-9), MW-28-S (860-86677-10) and MW-28-D (860-86677-11). Elevated reporting limits (RLs) are provided.

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-199661 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane (20.9%). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-199661/2).

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-29-S (860-86677-7), MW-29-D (860-86677-9), MW-28-S (860-86677-10) and DUPE-02 (860-86677-13). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200430 recovered above the upper control limit for Dinoseb. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-200430/3).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200430 recovered above the upper control limit for 2,4-Dinitrophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-200430/2).

Method 8270E_QQQ: The surrogate recovery for the method associated with preparation batch 860-199382 and analytical batch 860-200430 was outside the upper control limits.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-203992 recovered above the upper control limit for Anthracene, Methyl methanesulfonate, p-Terphenyl-d14, 3 & 4 Methylphenol, Phenanthrene, Chrysene and Isophorone. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been

reported. The associated sample is impacted: (CCVIS 860-203992/2).

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-199382 and 860-199383 and analytical batch 860-200430 recovered outside acceptance limits for multiple analytes. There was insufficient sample to perform a re-extraction or re-analysis; therefore, the data have been reported.

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: MW-26-D (860-86677-8). These results have been reported and qualified.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200430 recovered above the upper control limit for Methapyrilene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-200430/3).

Method 8270E_QQQ: Internal standard (ISTD) Chrysene-d12 for the following sample in analytical batch 860-200430 was outside acceptance criteria: (CCV 860-200430/3). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-29-D (860-86677-9), MW-28-D (860-86677-11) and DUPE-02 (860-86677-13). These results have been reported and qualified.

Method 8270E_QQQ: Surrogate recovery for the following sample was outside of acceptance limits: MW-31D (860-86677-2). There was insufficient sample to perform a re-extraction; therefore, the data have been reported.

Method 8270E_QQQ: Internal standard (ISTD) Perylene-d12 for the following sample in analytical batch 860-203992 was outside acceptance criteria (biased low): MW-26-D (860-86677-8). The requested target compounds corresponding with this ISTD were non-detected; therefore, the data have been reported.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-204036 recovered above the upper control limit for Phorate and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-204036/3).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-204036 recovered above the upper control limit for 2-Acetylaminofluorene, Aramite Peak 1, Aramite Peak 2, Benzo[a]anthracene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Chrysene, Diallate Peak 2, Dibenz(a,h)anthracene, Di-n-octyl phthalate, Hexachloroethane, Phenanthrene and Pronamide. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-204036/2).

Method 8270E_QQQ: Internal standard (ISTD) Perylene-d12 for the following samples in analytical batch 860-204036 was outside acceptance criteria (biased low): MW-29-D (860-86677-9), MW-28-S (860-86677-10) and DUPE-02 (860-86677-13). The requested target compounds corresponding with this ISTD were non-detected; therefore, the data have been reported.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-204030 recovered above the upper control limit for Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-204030/3).

Method 8270E_QQQ: Surrogate recovery for the following samples were outside of acceptance limits: MW-33-S (860-86677-3[MS]) and MW-33-S (860-86677-3[MSD]). There was insufficient sample to perform a re-extraction; therefore, the data have been reported.

Method 8270E_QQQ: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 860-199382 and analytical batch 860-204030.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-204030 recovered above the upper control limit for Di-n-octyl phthalate, 2-Acetylaminofluorene, alpha,alpha-Dimethyl phenethylamine, Hexachloroethane, p-Terphenyl-d14, Phenanthrene, Phenacetin, Benzo[b]fluoranthene, Fluoranthene, Pronamide, Anthracene and Butyl benzyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-204030/2).

Job ID: 860-86677-1 (Continued) Eurofins Houston

Method 8270E_QQQ: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) samples: MW-33-S (860-86677-3[MS]) and MW-33-S (860-86677-3[MSD]). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

Method 8270E_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-33-S (860-86677-3), MW-33-S (860-86677-3[MS]), MW-33-S (860-86677-3[MSD]), MW-30-D (860-86677-6), MW-26-D (860-86677-8), MW-29-D (860-86677-9), MW-28-S (860-86677-10) and DUPE-02 (860-86677-13). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-33-S (860-86677-3[MS]), MW-33-S (860-86677-3[MSD]), MW-30-D (860-86677-6) and MW-26-D (860-86677-8). These results have been reported and qualified.

Method 8270E_QQQ: The following samples required a dilution due to the nature of the sample matrix: MW-26-D (860-86677-8), MW-29-D (860-86677-9), MW-28-S (860-86677-10) and DUPE-02 (860-86677-13). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-204299 recovered above the upper control limit for p-Terphenyl-d14 (Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-204299/2).

Method 8270E_QQQ: Internal standard (ISTD) Perylene-d12 for the following samples in analytical batch 860-204299 was outside acceptance criteria: MW-29-D (860-86677-9), MW-28-S (860-86677-10) and DUPE-02 (860-86677-13). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8270E_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-33-D (860-86677-5), MW-28-S (860-86677-10) and MW-28-D (860-86677-11). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The following samples required a dilution due to the nature of the sample matrix: MW-33-D (860-86677-5), MW-28-S (860-86677-10) and MW-28-D (860-86677-11). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E_QQQ: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-28-D (860-86677-11). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-205499 recovered above the upper control limit for p-Terphenyl-d14 (Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-205499/2).

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-33-D (860-86677-5) and MW-28-D (860-86677-11). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Ashland LLC
Job ID: 860-86677-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: TB-03 (110724) — Lab Sample ID: 860-86677-1

No Detections.

Client Sample ID: MW-31D — Lab Sample ID: 860-86677-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diphenyl ether	0.584		0.575	0.0915	ug/L	1		8270E	Total/NA
1,1'-Biphenyl	0.230	J	0.575	0.0987	ug/L	1		8270E	Total/NA

Client Sample ID: MW-33-S — Lab Sample ID: 860-86677-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.138	J	0.578	0.109	ug/L	1		8270E	Total/NA
Phenol	1.21	J I	2.89	0.453	ug/L	1		8270E	Total/NA
1,1'-Biphenyl	0.114	J	0.578	0.0993	ug/L	1		8270E	Total/NA
Diphenyl ether - DL	206		11.6	1.84	ug/L	20		8270E	Total/NA

Client Sample ID: MW-30-S — Lab Sample ID: 860-86677-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	8.65		5.00	0.896	ug/L	1		8260D	Total/NA
Diphenyl ether	0.260	J	0.566	0.0901	ug/L	1		8270E	Total/NA

Client Sample ID: MW-33-D — Lab Sample ID: 860-86677-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,2,4-Trimethylpentane	0.784	J	5.00	0.500	ug/L	1		8260D	Total/NA
Cumene (isopropylbenzene)	1.12		1.00	0.592	ug/L	1		8260D	Total/NA
Acenaphthene	1.69		0.572	0.108	ug/L	1		8270E	Total/NA
Acenaphthylene	0.0998	J	0.572	0.0998	ug/L	1		8270E	Total/NA
Dibenzofuran	7.98		0.572	0.107	ug/L	1		8270E	Total/NA
Fluorene	0.521	J	0.572	0.0950	ug/L	1		8270E	Total/NA
Naphthalene	2.73		0.572	0.0946	ug/L	1		8270E	Total/NA
Diphenyl ether - DL	12900		572	91.1	ug/L	1000		8270E	Total/NA
1,1'-Biphenyl - DL	2470		572	98.3	ug/L	1000		8270E	Total/NA
Phenanthrene - RA	0.617		0.572	0.134	ug/L	1		8270E	Total/NA

Client Sample ID: MW-30-D — Lab Sample ID: 860-86677-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	4060		250	44.8	ug/L	50		8260D	Total/NA
Chloroform	29.5	J	50.0	23.2	ug/L	50		8260D	Total/NA
1,4-Dichlorobenzene	0.130	J	0.572	0.0780	ug/L	1		8270E	Total/NA
Naphthalene	0.320	J	0.572	0.0946	ug/L	1		8270E	Total/NA
Diphenyl ether - DL	168		11.4	1.82	ug/L	20		8270E	Total/NA
1,1'-Biphenyl - DL	42.7		11.4	1.97	ug/L	20		8270E	Total/NA

Client Sample ID: MW-29-S — Lab Sample ID: 860-86677-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	109		50.0	23.2	ug/L	50		8260D	Total/NA
Carbon tetrachloride - DL	7740		1000	179	ug/L	200		8260D	Total/NA
Diphenyl ether	0.509	J	0.567	0.0903	ug/L	1		8270E	Total/NA
1,1'-Biphenyl	0.114	J	0.567	0.0974	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Ashland LLC
Job ID: 860-86677-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: MW-26-D — Lab Sample ID: 860-86677-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1080		1000	460	ug/L	1000		8260D	Total/NA
Carbon tetrachloride	125000		5000	896	ug/L	1000		8260D	Total/NA
Chloroform	6750		1000	464	ug/L	1000		8260D	Total/NA
1,2-Dichlorobenzene	3.85		0.564	0.0929	ug/L	1		8270E	Total/NA
1,3-Dichlorobenzene	0.343	J	0.564	0.100	ug/L	1		8270E	Total/NA
1,4-Dichlorobenzene	5.74		0.564	0.0769	ug/L	1		8270E	Total/NA
1,4-Dioxane	4.19		0.564	0.0879	ug/L	1		8270E	Total/NA
Dibenzofuran	6.05		0.564	0.105	ug/L	1		8270E	Total/NA
Fluorene	0.134	J	0.564	0.0936	ug/L	1		8270E	Total/NA
Hexachloroethane	3.28		0.564	0.101	ug/L	1		8270E	Total/NA
Acetophenone	5.52		1.13	0.616	ug/L	1		8270E	Total/NA
2-Naphthylamine	1.83	I	0.564	0.284	ug/L	1		8270E	Total/NA
Naphthalene - DL	29.6		5.64	0.932	ug/L	10		8270E	Total/NA
1,1'-Biphenyl - DL2	3760		113	19.4	ug/L	200		8270E	Total/NA
3 & 4 Methylphenol - RA	0.487	J	0.564	0.137	ug/L	1		8270E	Total/NA
Diphenyl ether - RA	2.15		0.564	0.0898	ug/L	1		8270E	Total/NA

Client Sample ID: MW-29-D — Lab Sample ID: 860-86677-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	430	J	500	230	ug/L	500		8260D	Total/NA
Chloroform	1800		500	232	ug/L	500		8260D	Total/NA
Carbon tetrachloride - DL	104000		10000	1790	ug/L	2000		8260D	Total/NA
1,2-Dichlorobenzene	2.16		0.569	0.0937	ug/L	1		8270E	Total/NA
1,3-Dichlorobenzene	0.220	J	0.569	0.101	ug/L	1		8270E	Total/NA
1,4-Dichlorobenzene	3.34		0.569	0.0776	ug/L	1		8270E	Total/NA
2-Nitrophenol	3.88		0.569	0.135	ug/L	1		8270E	Total/NA
Benzyl alcohol	2.05	I *-	1.14	0.597	ug/L	1		8270E	Total/NA
Dibenzofuran	0.912		0.569	0.106	ug/L	1		8270E	Total/NA
Naphthalene	8.20		0.569	0.0940	ug/L	1		8270E	Total/NA
Phenol	6.42	I	2.84	0.446	ug/L	1		8270E	Total/NA
Acetophenone	1.08	J	1.14	0.621	ug/L	1		8270E	Total/NA
Diphenyl ether - DL	1840		56.9	9.06	ug/L	100		8270E	Total/NA
1,1'-Biphenyl - DL	579		56.9	9.77	ug/L	100		8270E	Total/NA
Hexachloroethane - RA	1.51		0.569	0.101	ug/L	1		8270E	Total/NA

Client Sample ID: MW-28-S — Lab Sample ID: 860-86677-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	967		500	230	ug/L	500		8260D	Total/NA
Chloroform	11300		500	232	ug/L	500		8260D	Total/NA
Carbon tetrachloride - DL	51200		10000	1790	ug/L	2000		8260D	Total/NA
1,2-Dichlorobenzene	3.23		0.565	0.0930	ug/L	1		8270E	Total/NA
1,3-Dichlorobenzene	0.294	J	0.565	0.101	ug/L	1		8270E	Total/NA
1,4-Dichlorobenzene	4.57		0.565	0.0770	ug/L	1		8270E	Total/NA
2,4-Dichlorophenol	0.188	J	0.565	0.138	ug/L	1		8270E	Total/NA
1,4-Dioxane	3.03		0.565	0.0880	ug/L	1		8270E	Total/NA
2-Methylphenol	0.275	J	0.565	0.104	ug/L	1		8270E	Total/NA
3 & 4 Methylphenol	0.637		0.565	0.137	ug/L	1		8270E	Total/NA
Benzyl alcohol	5.56	I *-	1.13	0.593	ug/L	1		8270E	Total/NA
Dibenzofuran	1.84		0.565	0.105	ug/L	1		8270E	Total/NA
Diethyl phthalate	0.199	J	1.13	0.153	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample ID: MW-28-S (Continued)

Lab Sample ID: 860-86677-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	15.2		0.565	0.0934	ug/L	1		8270E	Total/NA
Acetophenone	3.06		1.13	0.617	ug/L	1		8270E	Total/NA
2-Chlorophenol	0.635		0.565	0.0748	ug/L	1		8270E	Total/NA
Phenol - DL	150	J	282	44.3	ug/L	100		8270E	Total/NA
Diphenyl ether - DL	4890		565	90.0	ug/L	1000		8270E	Total/NA
1,1'-Biphenyl - DL	1300		56.5	9.70	ug/L	100		8270E	Total/NA
Hexachloroethane - RA	6.41		0.565	0.101	ug/L	1		8270E	Total/NA

Client Sample ID: MW-28-D

Lab Sample ID: 860-86677-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	350	J	500	230	ug/L	500		8260D	Total/NA
Carbon tetrachloride	58000		2500	448	ug/L	500		8260D	Total/NA
Chloroform	4970		500	232	ug/L	500		8260D	Total/NA
1,2,4-Trichlorobenzene	0.138	J	0.571	0.0766	ug/L	1		8270E	Total/NA
1,2-Dichlorobenzene	4.75		0.571	0.0941	ug/L	1		8270E	Total/NA
1,3-Dichlorobenzene	0.471	J	0.571	0.102	ug/L	1		8270E	Total/NA
1,4-Dichlorobenzene	7.38		0.571	0.0779	ug/L	1		8270E	Total/NA
2,4-Dimethylphenol	0.551	J *+ I	0.571	0.192	ug/L	1		8270E	Total/NA
1,4-Dioxane	2.54		0.571	0.0890	ug/L	1		8270E	Total/NA
2-Methylnaphthalene	2.51		0.571	0.0603	ug/L	1		8270E	Total/NA
2-Methylphenol	0.235	J	0.571	0.105	ug/L	1		8270E	Total/NA
2-Nitroaniline	0.518	J I	0.571	0.149	ug/L	1		8270E	Total/NA
3 & 4 Methylphenol	0.498	J	0.571	0.139	ug/L	1		8270E	Total/NA
4-Chlorophenyl phenyl ether	0.212	J	0.571	0.130	ug/L	1		8270E	Total/NA
Aniline	0.535	J	0.571	0.0580	ug/L	1		8270E	Total/NA
Anthracene	0.112	J	0.571	0.0938	ug/L	1		8270E	Total/NA
Benzyl alcohol	1.91	I *-	1.14	0.600	ug/L	1		8270E	Total/NA
Dibenzofuran	20.7	I	0.571	0.107	ug/L	1		8270E	Total/NA
Diethyl phthalate	0.155	J	1.14	0.155	ug/L	1		8270E	Total/NA
Fluorene	0.599		0.571	0.0948	ug/L	1		8270E	Total/NA
Acetophenone	4.36		1.14	0.624	ug/L	1		8270E	Total/NA
o,o',o''-Triethylphosphorothioate	2.09	*+	0.571	0.138	ug/L	1		8270E	Total/NA
Sulfotepp	0.305	J *+	0.571	0.147	ug/L	1		8270E	Total/NA
Phenol - DL	24.9	J I	28.6	4.48	ug/L	10		8270E	Total/NA
Diphenyl ether - DL	53000		2290	364	ug/L	4000		8270E	Total/NA
1,1'-Biphenyl - DL	15500		2290	393	ug/L	4000		8270E	Total/NA
Hexachloroethane - RA	6.19		0.571	0.102	ug/L	1		8270E	Total/NA
Naphthalene - RA	19.5		0.571	0.0944	ug/L	1		8270E	Total/NA
Phenanthrene - RA	0.689		0.571	0.134	ug/L	1		8270E	Total/NA

Client Sample ID: FB-02

Lab Sample ID: 860-86677-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	14.0	J	100	3.07	ug/L	1		8260D	Total/NA

Client Sample ID: DUPE-02

Lab Sample ID: 860-86677-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	480	J	500	230	ug/L	500		8260D	Total/NA
Chloroform	1860		500	232	ug/L	500		8260D	Total/NA
Carbon tetrachloride - DL	97000		25000	4480	ug/L	5000		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUPE-02 (Continued)

Lab Sample ID: 860-86677-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	2.35		0.567	0.0934	ug/L	1		8270E	Total/NA
1,3-Dichlorobenzene	0.253	J	0.567	0.101	ug/L	1		8270E	Total/NA
1,4-Dichlorobenzene	3.82		0.567	0.0774	ug/L	1		8270E	Total/NA
2-Nitrophenol	3.92		0.567	0.135	ug/L	1		8270E	Total/NA
Benzyl alcohol	2.02	I *-	1.13	0.596	ug/L	1		8270E	Total/NA
Dibenzofuran	0.934		0.567	0.106	ug/L	1		8270E	Total/NA
Naphthalene	8.97		0.567	0.0938	ug/L	1		8270E	Total/NA
Phenol	4.50	I	2.84	0.445	ug/L	1		8270E	Total/NA
Acetophenone	1.22		1.13	0.619	ug/L	1		8270E	Total/NA
Diphenyl ether - DL	1950		56.7	9.03	ug/L	100		8270E	Total/NA
1,1'-Biphenyl - DL	671		56.7	9.74	ug/L	100		8270E	Total/NA
Hexachloroethane - RA	2.18		0.567	0.101	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: TB-03 (110724)
Date Collected: 11/07/24 00:00
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/13/24 15:45	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/13/24 15:45	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/13/24 15:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/13/24 15:45	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/13/24 15:45	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/13/24 15:45	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/13/24 15:45	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/13/24 15:45	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/13/24 15:45	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/13/24 15:45	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/13/24 15:45	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/13/24 15:45	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/13/24 15:45	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/13/24 15:45	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/13/24 15:45	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/13/24 15:45	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/13/24 15:45	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/13/24 15:45	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/13/24 15:45	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/13/24 15:45	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/13/24 15:45	1
Acetone	<3.07	U	100	3.07	ug/L			11/13/24 15:45	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/13/24 15:45	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/13/24 15:45	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/13/24 15:45	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/13/24 15:45	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/13/24 15:45	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/13/24 15:45	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/13/24 15:45	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/13/24 15:45	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/13/24 15:45	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/13/24 15:45	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/13/24 15:45	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/13/24 15:45	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/13/24 15:45	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/13/24 15:45	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/13/24 15:45	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/13/24 15:45	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/13/24 15:45	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/13/24 15:45	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/13/24 15:45	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/13/24 15:45	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/13/24 15:45	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/13/24 15:45	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/13/24 15:45	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/13/24 15:45	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/13/24 15:45	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/13/24 15:45	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/13/24 15:45	1

Client Sample ID: TB-03 (110724)
Lab Sample ID: 860-86677-1

Date Collected: 11/07/24 00:00
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/13/24 15:45	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/13/24 15:45	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/13/24 15:45	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/13/24 15:45	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/13/24 15:45	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/13/24 15:45	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/13/24 15:45	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/13/24 15:45	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/13/24 15:45	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/13/24 15:45	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/13/24 15:45	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/13/24 15:45	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/13/24 15:45	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/13/24 15:45	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/13/24 15:45	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/13/24 15:45	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/13/24 15:45	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/13/24 15:45	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/13/24 15:45	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/13/24 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*11/13/24 15:45*	*1*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*11/13/24 15:45*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*11/13/24 15:45*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/13/24 15:45*	*1*

Client Sample ID: MW-31D
Lab Sample ID: 860-86677-2

Date Collected: 11/07/24 08:25
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/13/24 16:43	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/13/24 16:43	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/13/24 16:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/13/24 16:43	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/13/24 16:43	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/13/24 16:43	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/13/24 16:43	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/13/24 16:43	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/13/24 16:43	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/13/24 16:43	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/13/24 16:43	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/13/24 16:43	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/13/24 16:43	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/13/24 16:43	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/13/24 16:43	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/13/24 16:43	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/13/24 16:43	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: MW-31D
Date Collected: 11/07/24 08:25
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/13/24 16:43	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/13/24 16:43	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/13/24 16:43	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/13/24 16:43	1
Acetone	<3.07	U	100	3.07	ug/L			11/13/24 16:43	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/13/24 16:43	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/13/24 16:43	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/13/24 16:43	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/13/24 16:43	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/13/24 16:43	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/13/24 16:43	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/13/24 16:43	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/13/24 16:43	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/13/24 16:43	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/13/24 16:43	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/13/24 16:43	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/13/24 16:43	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/13/24 16:43	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/13/24 16:43	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/13/24 16:43	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/13/24 16:43	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/13/24 16:43	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/13/24 16:43	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/13/24 16:43	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/13/24 16:43	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/13/24 16:43	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/13/24 16:43	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/13/24 16:43	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/13/24 16:43	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/13/24 16:43	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/13/24 16:43	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/13/24 16:43	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/13/24 16:43	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/13/24 16:43	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/13/24 16:43	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/13/24 16:43	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/13/24 16:43	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/13/24 16:43	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/13/24 16:43	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/13/24 16:43	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/13/24 16:43	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/13/24 16:43	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/13/24 16:43	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/13/24 16:43	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/13/24 16:43	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/13/24 16:43	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/13/24 16:43	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/13/24 16:43	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/13/24 16:43	1

Client Sample ID: MW-31D
Date Collected: 11/07/24 08:25
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/13/24 16:43	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/13/24 16:43	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/13/24 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*11/13/24 16:43*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*11/13/24 16:43*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*11/13/24 16:43*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/13/24 16:43*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0771	U	0.575	0.0771	ug/L		11/13/24 04:59	12/09/24 08:43	1
1,2-Dichlorobenzene	<0.0946	U	0.575	0.0946	ug/L		11/13/24 04:59	12/09/24 08:43	1
1,3-Dichlorobenzene	<0.102	U	0.575	0.102	ug/L		11/13/24 04:59	12/09/24 08:43	1
1,4-Dichlorobenzene	<0.0784	U	0.575	0.0784	ug/L		11/13/24 04:59	12/09/24 08:43	1
2,2'-oxybis[1-chloropropane]	<1.44	U	2.87	1.44	ug/L		11/13/24 04:59	12/09/24 08:43	1
2,4,5-Trichlorophenol	<0.144	U	0.575	0.144	ug/L		11/13/24 04:59	12/09/24 08:43	1
2,4,6-Trichlorophenol	<0.232	U	0.575	0.232	ug/L		11/13/24 04:59	12/09/24 08:43	1
2,4-Dichlorophenol	<0.141	U	0.575	0.141	ug/L		11/13/24 04:59	12/09/24 08:43	1
2,4-Dimethylphenol	<0.193	U *+	0.575	0.193	ug/L		11/13/24 04:59	12/09/24 08:43	1
1,4-Dioxane	<0.0895	U	0.575	0.0895	ug/L		11/13/24 04:59	12/09/24 08:43	1
2,4-Dinitrophenol	<0.105	U	2.87	0.105	ug/L		11/13/24 04:59	12/09/24 08:43	1
2,4-Dinitrotoluene	<0.206	U	0.575	0.206	ug/L		11/13/24 04:59	12/09/24 08:43	1
2,6-Dinitrotoluene	<0.117	U	0.575	0.117	ug/L		11/13/24 04:59	12/09/24 08:43	1
2-Chloronaphthalene	<0.380	U	0.575	0.380	ug/L		11/13/24 04:59	12/09/24 08:43	1
2-Methylnaphthalene	<0.0606	U	0.575	0.0606	ug/L		11/13/24 04:59	12/09/24 08:43	1
2-Methylphenol	<0.105	U	0.575	0.105	ug/L		11/13/24 04:59	12/09/24 08:43	1
2-Nitroaniline	<0.150	U	0.575	0.150	ug/L		11/13/24 04:59	12/09/24 08:43	1
2-Nitrophenol	<0.137	U	0.575	0.137	ug/L		11/13/24 04:59	12/09/24 08:43	1
3 & 4 Methylphenol	<0.140	U	0.575	0.140	ug/L		11/13/24 04:59	12/09/24 08:43	1
3-Nitroaniline	<0.0857	U	0.575	0.0857	ug/L		11/13/24 04:59	12/09/24 08:43	1
4,6-Dinitro-2-methylphenol	<0.203	U	1.15	0.203	ug/L		11/13/24 04:59	12/09/24 08:43	1
4-Bromophenyl phenyl ether	<0.101	U	0.575	0.101	ug/L		11/13/24 04:59	12/09/24 08:43	1
4-Chloro-3-methylphenol	<0.104	U	0.575	0.104	ug/L		11/13/24 04:59	12/09/24 08:43	1
4-Chloroaniline	<0.0388	U	0.575	0.0388	ug/L		11/13/24 04:59	12/09/24 08:43	1
4-Chlorophenyl phenyl ether	<0.131	U	0.575	0.131	ug/L		11/13/24 04:59	12/09/24 08:43	1
4-Nitroaniline	<0.109	U	0.575	0.109	ug/L		11/13/24 04:59	12/09/24 08:43	1
Acenaphthene	<0.108	U	0.575	0.108	ug/L		11/13/24 04:59	12/09/24 08:43	1
Acenaphthylene	<0.100	U	0.575	0.100	ug/L		11/13/24 04:59	12/09/24 08:43	1
Aniline	<0.0583	U	0.575	0.0583	ug/L		11/13/24 04:59	12/09/24 08:43	1
Anthracene	<0.0943	U	0.575	0.0943	ug/L		11/13/24 04:59	12/09/24 08:43	1
Benzo[a]anthracene	<0.0287	U	0.0287	0.0287	ug/L		11/13/24 04:59	12/09/24 08:43	1
Benzo[a]pyrene	<0.0302	U	0.0575	0.0302	ug/L		11/13/24 04:59	12/09/24 08:43	1
Benzo[b]fluoranthene	<0.0668	U	0.575	0.0668	ug/L		11/13/24 04:59	12/09/24 08:43	1
Benzo[g,h,i]perylene	<0.0347	U	0.575	0.0347	ug/L		11/13/24 04:59	12/09/24 08:43	1
Benzo[k]fluoranthene	<0.0475	U	0.575	0.0475	ug/L		11/13/24 04:59	12/09/24 08:43	1
Benzyl alcohol	<0.603	U *-	1.15	0.603	ug/L		11/13/24 04:59	12/09/24 08:43	1
Bis(2-chloroethoxy)methane	<0.0980	U	0.575	0.0980	ug/L		11/13/24 04:59	12/09/24 08:43	1
Bis(2-chloroethyl)ether	<0.216	U	0.575	0.216	ug/L		11/13/24 04:59	12/09/24 08:43	1

Client Sample ID: MW-31D
Lab Sample ID: 860-86677-2
Date Collected: 11/07/24 08:25
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<0.905	U	1.15	0.905	ug/L		11/13/24 04:59	12/09/24 08:43	1
Butyl benzyl phthalate	<0.503	U	1.15	0.503	ug/L		11/13/24 04:59	12/09/24 08:43	1
Chrysene	<0.0820	U	0.575	0.0820	ug/L		11/13/24 04:59	12/09/24 08:43	1
Dibenz(a,h)anthracene	<0.0512	U	0.115	0.0512	ug/L		11/13/24 04:59	12/09/24 08:43	1
Dibenzofuran	<0.107	U	0.575	0.107	ug/L		11/13/24 04:59	12/09/24 08:43	1
Diethyl phthalate	<0.156	U	1.15	0.156	ug/L		11/13/24 04:59	12/09/24 08:43	1
Dimethyl phthalate	<0.109	U	1.15	0.109	ug/L		11/13/24 04:59	12/09/24 08:43	1
Di-n-butyl phthalate	<0.769	U	1.15	0.769	ug/L		11/13/24 04:59	12/09/24 08:43	1
Di-n-octyl phthalate	<0.271	U	1.15	0.271	ug/L		11/13/24 04:59	12/09/24 08:43	1
Fluoranthene	<0.0888	U	0.575	0.0888	ug/L		11/13/24 04:59	12/09/24 08:43	1
Fluorene	<0.0954	U	0.575	0.0954	ug/L		11/13/24 04:59	12/09/24 08:43	1
Hexachlorobenzene	<0.0980	U	0.575	0.0980	ug/L		11/13/24 04:59	12/09/24 08:43	1
Hexachlorobutadiene	<0.103	U	0.575	0.103	ug/L		11/13/24 04:59	12/09/24 08:43	1
Hexachlorocyclopentadiene	<0.0515	U	0.575	0.0515	ug/L		11/13/24 04:59	12/09/24 08:43	1
Hexachloroethane	<0.102	U	0.575	0.102	ug/L		11/13/24 04:59	12/09/24 08:43	1
Indeno[1,2,3-cd]pyrene	<0.101	U	0.575	0.101	ug/L		11/13/24 04:59	12/09/24 08:43	1
Isophorone	<0.107	U	0.575	0.107	ug/L		11/13/24 04:59	12/09/24 08:43	1
Naphthalene	<0.0950	U	0.575	0.0950	ug/L		11/13/24 04:59	12/09/24 08:43	1
Nitrobenzene	<0.0741	U	0.575	0.0741	ug/L		11/13/24 04:59	12/09/24 08:43	1
N-Nitrosodi-n-propylamine	<0.119	U	0.575	0.119	ug/L		11/13/24 04:59	12/09/24 08:43	1
N-Nitrosodiphenylamine	<0.145	U	0.575	0.145	ug/L		11/13/24 04:59	12/09/24 08:43	1
Pentachlorophenol	<1.04	U	1.15	1.04	ug/L		11/13/24 04:59	12/09/24 08:43	1
Phenanthrene	<0.135	U	0.575	0.135	ug/L		11/13/24 04:59	12/09/24 08:43	1
Phenol	<0.451	U	2.87	0.451	ug/L		11/13/24 04:59	12/09/24 08:43	1
Pyrene	<0.0854	U	0.575	0.0854	ug/L		11/13/24 04:59	12/09/24 08:43	1
Pyridine	<1.45	U	2.87	1.45	ug/L		11/13/24 04:59	12/09/24 08:43	1
N-Nitro-o-toluidine	<0.523	U	1.15	0.523	ug/L		11/13/24 04:59	12/09/24 08:43	1
2,3,4,6-Tetrachlorophenol	<0.212	U	0.575	0.212	ug/L		11/13/24 04:59	12/09/24 08:43	1
Acetophenone	<0.627	U	1.15	0.627	ug/L		11/13/24 04:59	12/09/24 08:43	1
N-Nitrosopiperidine	<0.470	U	1.15	0.470	ug/L		11/13/24 04:59	12/09/24 08:43	1
Pentachlorobenzene	<0.267	U	0.575	0.267	ug/L		11/13/24 04:59	12/09/24 08:43	1
Diphenyl ether	**0.584**		0.575	0.0915	ug/L		11/13/24 04:59	12/09/24 08:43	1
1,1'-Biphenyl	**0.230**	**J**	0.575	0.0987	ug/L		11/13/24 04:59	12/09/24 08:43	1
4-Aminobiphenyl	<0.396	U *+	0.575	0.396	ug/L		11/13/24 04:59	12/09/24 08:43	1
1,2,4,5-Tetrachlorobenzene	<0.0963	U *-	0.575	0.0963	ug/L		11/13/24 04:59	12/09/24 08:43	1
1,3,5-Trinitrobenzene	<0.119	U	0.575	0.119	ug/L		11/13/24 04:59	12/09/24 08:43	1
1,3-Dinitrobenzene	<0.0777	U	0.575	0.0777	ug/L		11/13/24 04:59	12/09/24 08:43	1
1,4-Naphthoquinone	<0.316	U	0.575	0.316	ug/L		11/13/24 04:59	12/09/24 08:43	1
1-Naphthylamine	<0.149	U	0.575	0.149	ug/L		11/13/24 04:59	12/09/24 08:43	1
2,6-Dichlorophenol	<0.119	U	0.575	0.119	ug/L		11/13/24 04:59	12/09/24 08:43	1
2-Acetylaminofluorene	<1.27	U *+	2.87	1.27	ug/L		11/13/24 04:59	12/09/24 08:43	1
2-Chlorophenol	<0.0761	U	0.575	0.0761	ug/L		11/13/24 04:59	12/09/24 08:43	1
2-Naphthylamine	<0.290	U	0.575	0.290	ug/L		11/13/24 04:59	12/09/24 08:43	1
2-Picoline	<0.123	U	0.575	0.123	ug/L		11/13/24 04:59	12/09/24 08:43	1
2-Toluidine	<0.308	U	0.575	0.308	ug/L		11/13/24 04:59	12/09/24 08:43	1
3,3'-Dichlorobenzidine	<0.184	U	0.575	0.184	ug/L		11/13/24 04:59	12/09/24 08:43	1
3,3'-Dimethylbenzidine	<0.143	U *+	0.575	0.143	ug/L		11/13/24 04:59	12/09/24 08:43	1
3-Methylcholanthrene	<0.105	U	0.575	0.105	ug/L		11/13/24 04:59	12/09/24 08:43	1
4-Nitroquinoline-1-oxide	<0.734	U	1.15	0.734	ug/L		11/13/24 04:59	12/09/24 08:43	1

Client Sample ID: MW-31D
Lab Sample ID: 860-86677-2
Date Collected: 11/07/24 08:25
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
7,12-Dimethylbenz(a)anthracene	<0.242	U	0.575	0.242	ug/L		11/13/24 04:59	12/09/24 08:43	1
alpha,alpha-Dimethyl phenethylamine	<3.69	U *- *1	5.75	3.69	ug/L		11/13/24 04:59	12/09/24 08:43	1
Aramite Peak 1	<0.0790	U	0.575	0.0790	ug/L		11/13/24 04:59	12/09/24 08:43	1
Aramite Peak 2	<0.0959	U	0.575	0.0959	ug/L		11/13/24 04:59	12/09/24 08:43	1
Aramite, Total	<0.0959	U	0.575	0.0959	ug/L		11/13/24 04:59	12/09/24 08:43	1
Diallate	<0.0840	U	0.575	0.0840	ug/L		11/13/24 04:59	12/09/24 08:43	1
Diallate Peak 1	<0.0840	U	0.575	0.0840	ug/L		11/13/24 04:59	12/09/24 08:43	1
Diallate Peak 2	<0.0388	U	0.575	0.0388	ug/L		11/13/24 04:59	12/09/24 08:43	1
Dimethoate	<0.122	U *+	0.575	0.122	ug/L		11/13/24 04:59	12/09/24 08:43	1
Dinoseb	<0.573	U *+	2.87	0.573	ug/L		11/13/24 04:59	12/09/24 08:43	1
Disulfoton	<0.204	U *+	0.575	0.204	ug/L		11/13/24 04:59	12/09/24 08:43	1
Ethyl methanesulfonate	<0.228	U	0.575	0.228	ug/L		11/13/24 04:59	12/09/24 08:43	1
Ethyl Parathion	<0.0505	U *+	0.230	0.0505	ug/L		11/13/24 04:59	12/09/24 08:43	1
Famphur	<0.152	U *+	1.15	0.152	ug/L		11/13/24 04:59	12/09/24 08:43	1
Hexachloropropene	<0.301	U *-	0.575	0.301	ug/L		11/13/24 04:59	12/09/24 08:43	1
Isosafrole	<0.242	U	0.575	0.242	ug/L		11/13/24 04:59	12/09/24 08:43	1
Isosafrole Peak 1	<0.0466	U	0.575	0.0466	ug/L		11/13/24 04:59	12/09/24 08:43	1
Isosafrole Peak 2	<0.242	U	0.575	0.242	ug/L		11/13/24 04:59	12/09/24 08:43	1
Methapyrilene	<1.01	U *+	2.30	1.01	ug/L		11/13/24 04:59	12/09/24 08:43	1
Methyl methanesulfonate	<0.121	U	0.575	0.121	ug/L		11/13/24 04:59	12/09/24 08:43	1
Methyl parathion	<0.321	U *+	0.575	0.321	ug/L		11/13/24 04:59	12/09/24 08:43	1
N-Nitrosodiethylamine	<0.542	U	1.15	0.542	ug/L		11/13/24 04:59	12/09/24 08:43	1
N-Nitrosodimethylamine	<0.101	U *-	0.575	0.101	ug/L		11/13/24 04:59	12/09/24 08:43	1
N-Nitrosodi-n-butylamine	<0.519	U *+	1.15	0.519	ug/L		11/13/24 04:59	12/09/24 08:43	1
N-Nitrosomethylethylamine	<0.295	U	0.575	0.295	ug/L		11/13/24 04:59	12/09/24 08:43	1
N-Nitrosomorpholine	<0.221	U	0.575	0.221	ug/L		11/13/24 04:59	12/09/24 08:43	1
N-Nitrosopyrrolidine	<0.269	U *-	0.575	0.269	ug/L		11/13/24 04:59	12/09/24 08:43	1
o,o',o''-Triethylphosphorothioate	<0.139	U *+	0.575	0.139	ug/L		11/13/24 04:59	12/09/24 08:43	1
p-Dimethylamino azobenzene	<0.0239	U *+	0.575	0.0239	ug/L		11/13/24 04:59	12/09/24 08:43	1
Pentachloronitrobenzene	<0.101	U	0.575	0.101	ug/L		11/13/24 04:59	12/09/24 08:43	1
Phenacetin	<0.101	U	0.575	0.101	ug/L		11/13/24 04:59	12/09/24 08:43	1
Phorate	<0.223	U *+	0.575	0.223	ug/L		11/13/24 04:59	12/09/24 08:43	1
p-Phenylene diamine	<0.503	U *-	1.15	0.503	ug/L		11/13/24 04:59	12/09/24 08:43	1
Pronamide	<0.101	U *+	0.575	0.101	ug/L		11/13/24 04:59	12/09/24 08:43	1
Safrole, Total	<0.0574	U	0.575	0.0574	ug/L		11/13/24 04:59	12/09/24 08:43	1
Sulfotepp	<0.147	U *+	0.575	0.147	ug/L		11/13/24 04:59	12/09/24 08:43	1
Thionazin	<0.209	U *+	1.15	0.209	ug/L		11/13/24 04:59	12/09/24 08:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*153*	*S1+*	*35 - 130*	*11/13/24 04:59*	*12/09/24 08:43*	*1*
2-Fluorobiphenyl	*113*		*43 - 130*	*11/13/24 04:59*	*12/09/24 08:43*	*1*
2-Fluorophenol (Surr)	*80*		*19 - 120*	*11/13/24 04:59*	*12/09/24 08:43*	*1*
Nitrobenzene-d5 (Surr)	*144*	*S1+*	*37 - 133*	*11/13/24 04:59*	*12/09/24 08:43*	*1*
Phenol-d5 (Surr)	*46*		*8 - 124*	*11/13/24 04:59*	*12/09/24 08:43*	*1*
p-Terphenyl-d14	*156*	*S1+*	*47 - 130*	*11/13/24 04:59*	*12/09/24 08:43*	*1*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: MW-33-S
Date Collected: 11/07/24 08:35
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/13/24 16:24	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/13/24 16:24	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/13/24 16:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/13/24 16:24	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/13/24 16:24	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/13/24 16:24	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/13/24 16:24	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/13/24 16:24	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/13/24 16:24	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/13/24 16:24	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/13/24 16:24	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/13/24 16:24	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/13/24 16:24	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/13/24 16:24	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/13/24 16:24	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/13/24 16:24	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/13/24 16:24	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/13/24 16:24	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/13/24 16:24	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/13/24 16:24	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/13/24 16:24	1
Acetone	<3.07	U	100	3.07	ug/L			11/13/24 16:24	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/13/24 16:24	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/13/24 16:24	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/13/24 16:24	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/13/24 16:24	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/13/24 16:24	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/13/24 16:24	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/13/24 16:24	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/13/24 16:24	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/13/24 16:24	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/13/24 16:24	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/13/24 16:24	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/13/24 16:24	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/13/24 16:24	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/13/24 16:24	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/13/24 16:24	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/13/24 16:24	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/13/24 16:24	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/13/24 16:24	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/13/24 16:24	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/13/24 16:24	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/13/24 16:24	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/13/24 16:24	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/13/24 16:24	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/13/24 16:24	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/13/24 16:24	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/13/24 16:24	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/13/24 16:24	1

Client Sample ID: MW-33-S
Date Collected: 11/07/24 08:35
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/13/24 16:24	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/13/24 16:24	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/13/24 16:24	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/13/24 16:24	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/13/24 16:24	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/13/24 16:24	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/13/24 16:24	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/13/24 16:24	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/13/24 16:24	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/13/24 16:24	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/13/24 16:24	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/13/24 16:24	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/13/24 16:24	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/13/24 16:24	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/13/24 16:24	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/13/24 16:24	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/13/24 16:24	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/13/24 16:24	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/13/24 16:24	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/13/24 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*11/13/24 16:24*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*11/13/24 16:24*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*11/13/24 16:24*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/13/24 16:24*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0775	U	0.578	0.0775	ug/L		11/13/24 04:59	12/08/24 21:36	1
1,2-Dichlorobenzene	<0.0952	U	0.578	0.0952	ug/L		11/13/24 04:59	12/08/24 21:36	1
1,3-Dichlorobenzene	<0.103	U	0.578	0.103	ug/L		11/13/24 04:59	12/08/24 21:36	1
1,4-Dichlorobenzene	<0.0788	U	0.578	0.0788	ug/L		11/13/24 04:59	12/08/24 21:36	1
2,2'-oxybis[1-chloropropane]	<1.45	U	2.89	1.45	ug/L		11/13/24 04:59	12/08/24 21:36	1
2,4,5-Trichlorophenol	<0.145	U F1	0.578	0.145	ug/L		11/13/24 04:59	12/08/24 21:36	1
2,4,6-Trichlorophenol	<0.233	U F1	0.578	0.233	ug/L		11/13/24 04:59	12/08/24 21:36	1
2,4-Dichlorophenol	<0.142	U F1	0.578	0.142	ug/L		11/13/24 04:59	12/08/24 21:36	1
2,4-Dimethylphenol	<0.194	U *+ F1	0.578	0.194	ug/L		11/13/24 04:59	12/08/24 21:36	1
1,4-Dioxane	<0.0900	U	0.578	0.0900	ug/L		11/13/24 04:59	12/08/24 21:36	1
2,4-Dinitrophenol	<0.105	U	2.89	0.105	ug/L		11/13/24 04:59	12/08/24 21:36	1
2,4-Dinitrotoluene	<0.207	U F1	0.578	0.207	ug/L		11/13/24 04:59	12/08/24 21:36	1
2,6-Dinitrotoluene	<0.118	U F1	0.578	0.118	ug/L		11/13/24 04:59	12/08/24 21:36	1
2-Chloronaphthalene	<0.383	U F1	0.578	0.383	ug/L		11/13/24 04:59	12/08/24 21:36	1
2-Methylnaphthalene	<0.0609	U	0.578	0.0609	ug/L		11/13/24 04:59	12/08/24 21:36	1
2-Methylphenol	<0.106	U	0.578	0.106	ug/L		11/13/24 04:59	12/08/24 21:36	1
2-Nitroaniline	<0.151	U F1	0.578	0.151	ug/L		11/13/24 04:59	12/08/24 21:36	1
2-Nitrophenol	<0.138	U	0.578	0.138	ug/L		11/13/24 04:59	12/08/24 21:36	1
3 & 4 Methylphenol	<0.140	U	0.578	0.140	ug/L		11/13/24 04:59	12/08/24 21:36	1
3-Nitroaniline	<0.0862	U	0.578	0.0862	ug/L		11/13/24 04:59	12/08/24 21:36	1
4,6-Dinitro-2-methylphenol	<0.204	U	1.16	0.204	ug/L		11/13/24 04:59	12/08/24 21:36	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: MW-33-S
Date Collected: 11/07/24 08:35
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	<0.101	U F1	0.578	0.101	ug/L		11/13/24 04:59	12/08/24 21:36	1
4-Chloro-3-methylphenol	<0.105	U F1	0.578	0.105	ug/L		11/13/24 04:59	12/08/24 21:36	1
4-Chloroaniline	<0.0390	U	0.578	0.0390	ug/L		11/13/24 04:59	12/08/24 21:36	1
4-Chlorophenyl phenyl ether	<0.132	U	0.578	0.132	ug/L		11/13/24 04:59	12/08/24 21:36	1
4-Nitroaniline	<0.110	U	0.578	0.110	ug/L		11/13/24 04:59	12/08/24 21:36	1
Acenaphthene	**0.138**	**J**	0.578	0.109	ug/L		11/13/24 04:59	12/08/24 21:36	1
Acenaphthylene	<0.101	U F1	0.578	0.101	ug/L		11/13/24 04:59	12/08/24 21:36	1
Aniline	<0.0586	U	0.578	0.0586	ug/L		11/13/24 04:59	12/08/24 21:36	1
Anthracene	<0.0949	U F1	0.578	0.0949	ug/L		11/13/24 04:59	12/08/24 21:36	1
Benzo[a]anthracene	<0.0289	U F1	0.0289	0.0289	ug/L		11/13/24 04:59	12/08/24 21:36	1
Benzo[a]pyrene	<0.0303	U F1	0.0578	0.0303	ug/L		11/13/24 04:59	12/08/24 21:36	1
Benzo[b]fluoranthene	<0.0672	U F1	0.578	0.0672	ug/L		11/13/24 04:59	12/08/24 21:36	1
Benzo[g,h,i]perylene	<0.0349	U	0.578	0.0349	ug/L		11/13/24 04:59	12/08/24 21:36	1
Benzo[k]fluoranthene	<0.0478	U F1	0.578	0.0478	ug/L		11/13/24 04:59	12/08/24 21:36	1
Benzyl alcohol	<0.607	U *-	1.16	0.607	ug/L		11/13/24 04:59	12/08/24 21:36	1
Bis(2-chloroethoxy)methane	<0.0986	U	0.578	0.0986	ug/L		11/13/24 04:59	12/08/24 21:36	1
Bis(2-chloroethyl)ether	<0.217	U F1	0.578	0.217	ug/L		11/13/24 04:59	12/08/24 21:36	1
Bis(2-ethylhexyl) phthalate	<0.910	U F1	1.16	0.910	ug/L		11/13/24 04:59	12/08/24 21:36	1
Butyl benzyl phthalate	<0.506	U F1	1.16	0.506	ug/L		11/13/24 04:59	12/08/24 21:36	1
Chrysene	<0.0825	U F1	0.578	0.0825	ug/L		11/13/24 04:59	12/08/24 21:36	1
Dibenz(a,h)anthracene	<0.0515	U	0.116	0.0515	ug/L		11/13/24 04:59	12/08/24 21:36	1
Dibenzofuran	<0.108	U F1	0.578	0.108	ug/L		11/13/24 04:59	12/08/24 21:36	1
Diethyl phthalate	<0.156	U F1	1.16	0.156	ug/L		11/13/24 04:59	12/08/24 21:36	1
Dimethyl phthalate	<0.109	U F1	1.16	0.109	ug/L		11/13/24 04:59	12/08/24 21:36	1
Di-n-butyl phthalate	<0.774	U F1	1.16	0.774	ug/L		11/13/24 04:59	12/08/24 21:36	1
Di-n-octyl phthalate	<0.272	U F1	1.16	0.272	ug/L		11/13/24 04:59	12/08/24 21:36	1
Fluoranthene	<0.0893	U F1	0.578	0.0893	ug/L		11/13/24 04:59	12/08/24 21:36	1
Fluorene	<0.0959	U F1	0.578	0.0959	ug/L		11/13/24 04:59	12/08/24 21:36	1
Hexachlorobenzene	<0.0986	U	0.578	0.0986	ug/L		11/13/24 04:59	12/08/24 21:36	1
Hexachlorobutadiene	<0.104	U	0.578	0.104	ug/L		11/13/24 04:59	12/08/24 21:36	1
Hexachlorocyclopentadiene	<0.0518	U	0.578	0.0518	ug/L		11/13/24 04:59	12/08/24 21:36	1
Hexachloroethane	<0.103	U	0.578	0.103	ug/L		11/13/24 04:59	12/08/24 21:36	1
Indeno[1,2,3-cd]pyrene	<0.101	U F1	0.578	0.101	ug/L		11/13/24 04:59	12/08/24 21:36	1
Isophorone	<0.108	U	0.578	0.108	ug/L		11/13/24 04:59	12/08/24 21:36	1
Naphthalene	<0.0955	U	0.578	0.0955	ug/L		11/13/24 04:59	12/08/24 21:36	1
Nitrobenzene	<0.0745	U	0.578	0.0745	ug/L		11/13/24 04:59	12/08/24 21:36	1
N-Nitrosodi-n-propylamine	<0.120	U	0.578	0.120	ug/L		11/13/24 04:59	12/08/24 21:36	1
N-Nitrosodiphenylamine	<0.146	U F1	0.578	0.146	ug/L		11/13/24 04:59	12/08/24 21:36	1
Pentachlorophenol	<1.05	U	1.16	1.05	ug/L		11/13/24 04:59	12/08/24 21:36	1
Phenanthrene	<0.136	U F1	0.578	0.136	ug/L		11/13/24 04:59	12/08/24 21:36	1
Phenol	**1.21**	**J I**	2.89	0.453	ug/L		11/13/24 04:59	12/08/24 21:36	1
Pyrene	<0.0859	U F1	0.578	0.0859	ug/L		11/13/24 04:59	12/08/24 21:36	1
Pyridine	<1.45	U F1	2.89	1.45	ug/L		11/13/24 04:59	12/08/24 21:36	1
N-Nitro-o-toluidine	<0.526	U	1.16	0.526	ug/L		11/13/24 04:59	12/08/24 21:36	1
2,3,4,6-Tetrachlorophenol	<0.213	U F1	0.578	0.213	ug/L		11/13/24 04:59	12/08/24 21:36	1
Acetophenone	<0.631	U F1	1.16	0.631	ug/L		11/13/24 04:59	12/08/24 21:36	1
N-Nitrosopiperidine	<0.473	U F1	1.16	0.473	ug/L		11/13/24 04:59	12/08/24 21:36	1
Pentachlorobenzene	<0.269	U	0.578	0.269	ug/L		11/13/24 04:59	12/08/24 21:36	1
1,1'-Biphenyl	**0.114**	**J**	0.578	0.0993	ug/L		11/13/24 04:59	12/08/24 21:36	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: MW-33-S
Date Collected: 11/07/24 08:35
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Aminobiphenyl	<0.399	U *+	0.578	0.399	ug/L		11/13/24 04:59	12/08/24 21:36	1
1,2,4,5-Tetrachlorobenzene	<0.0968	U *-	0.578	0.0968	ug/L		11/13/24 04:59	12/08/24 21:36	1
1,3,5-Trinitrobenzene	<0.120	U F1	0.578	0.120	ug/L		11/13/24 04:59	12/08/24 21:36	1
1,3-Dinitrobenzene	<0.0782	U F1	0.578	0.0782	ug/L		11/13/24 04:59	12/08/24 21:36	1
1,4-Naphthoquinone	<0.318	U	0.578	0.318	ug/L		11/13/24 04:59	12/08/24 21:36	1
1-Naphthylamine	<0.150	U F1	0.578	0.150	ug/L		11/13/24 04:59	12/08/24 21:36	1
2,6-Dichlorophenol	<0.120	U F1	0.578	0.120	ug/L		11/13/24 04:59	12/08/24 21:36	1
2-Acetylaminofluorene	<1.28	U *+ F1	2.89	1.28	ug/L		11/13/24 04:59	12/08/24 21:36	1
2-Chlorophenol	<0.0765	U F1	0.578	0.0765	ug/L		11/13/24 04:59	12/08/24 21:36	1
2-Naphthylamine	<0.291	U	0.578	0.291	ug/L		11/13/24 04:59	12/08/24 21:36	1
2-Picoline	<0.124	U F2 F1	0.578	0.124	ug/L		11/13/24 04:59	12/08/24 21:36	1
2-Toluidine	<0.310	U	0.578	0.310	ug/L		11/13/24 04:59	12/08/24 21:36	1
3,3'-Dichlorobenzidine	<0.185	U	0.578	0.185	ug/L		11/13/24 04:59	12/08/24 21:36	1
3,3'-Dimethylbenzidine	<0.143	U F2 F1 *+	0.578	0.143	ug/L		11/13/24 04:59	12/08/24 21:36	1
3-Methylcholanthrene	<0.106	U F1	0.578	0.106	ug/L		11/13/24 04:59	12/08/24 21:36	1
4-Nitroquinoline-1-oxide	<0.739	U	1.16	0.739	ug/L		11/13/24 04:59	12/08/24 21:36	1
7,12-Dimethylbenz(a)anthracene	<0.244	U F1	0.578	0.244	ug/L		11/13/24 04:59	12/08/24 21:36	1
alpha,alpha-Dimethyl phenethylamine	<3.71	U *- *1	5.78	3.71	ug/L		11/13/24 04:59	12/08/24 21:36	1
Aramite Peak 1	<0.0794	U F1	0.578	0.0794	ug/L		11/13/24 04:59	12/08/24 21:36	1
Aramite Peak 2	<0.0965	U F1	0.578	0.0965	ug/L		11/13/24 04:59	12/08/24 21:36	1
Aramite, Total	<0.0965	U	0.578	0.0965	ug/L		11/13/24 04:59	12/08/24 21:36	1
Diallate	<0.0844	U	0.578	0.0844	ug/L		11/13/24 04:59	12/08/24 21:36	1
Diallate Peak 1	<0.0844	U F1	0.578	0.0844	ug/L		11/13/24 04:59	12/08/24 21:36	1
Diallate Peak 2	<0.0390	U F1	0.578	0.0390	ug/L		11/13/24 04:59	12/08/24 21:36	1
Dimethoate	<0.123	U *+	0.578	0.123	ug/L		11/13/24 04:59	12/08/24 21:36	1
Dinoseb	<0.576	U *+	2.89	0.576	ug/L		11/13/24 04:59	12/08/24 21:36	1
Disulfoton	<0.205	U *+	0.578	0.205	ug/L		11/13/24 04:59	12/08/24 21:36	1
Ethyl methanesulfonate	<0.229	U	0.578	0.229	ug/L		11/13/24 04:59	12/08/24 21:36	1
Ethyl Parathion	<0.0508	U *+	0.231	0.0508	ug/L		11/13/24 04:59	12/08/24 21:36	1
Famphur	<0.153	U *+	1.16	0.153	ug/L		11/13/24 04:59	12/08/24 21:36	1
Hexachloropropene	<0.303	U *-	0.578	0.303	ug/L		11/13/24 04:59	12/08/24 21:36	1
Isosafrole	<0.244	U	0.578	0.244	ug/L		11/13/24 04:59	12/08/24 21:36	1
Isosafrole Peak 1	<0.0469	U F1	0.578	0.0469	ug/L		11/13/24 04:59	12/08/24 21:36	1
Isosafrole Peak 2	<0.244	U F1	0.578	0.244	ug/L		11/13/24 04:59	12/08/24 21:36	1
Methapyrilene	<1.01	U *+	2.31	1.01	ug/L		11/13/24 04:59	12/08/24 21:36	1
Methyl methanesulfonate	<0.121	U	0.578	0.121	ug/L		11/13/24 04:59	12/08/24 21:36	1
Methyl parathion	<0.323	U *+	0.578	0.323	ug/L		11/13/24 04:59	12/08/24 21:36	1
N-Nitrosodiethylamine	<0.545	U F1	1.16	0.545	ug/L		11/13/24 04:59	12/08/24 21:36	1
N-Nitrosodimethylamine	<0.101	U *-	0.578	0.101	ug/L		11/13/24 04:59	12/08/24 21:36	1
N-Nitrosodi-n-butylamine	<0.522	U *+ F1	1.16	0.522	ug/L		11/13/24 04:59	12/08/24 21:36	1
N-Nitrosomethylethylamine	<0.297	U	0.578	0.297	ug/L		11/13/24 04:59	12/08/24 21:36	1
N-Nitrosomorpholine	<0.223	U	0.578	0.223	ug/L		11/13/24 04:59	12/08/24 21:36	1
N-Nitrosopyrrolidine	<0.271	U *-	0.578	0.271	ug/L		11/13/24 04:59	12/08/24 21:36	1
o,o',o''-Triethylphosphorothioate	<0.140	U *+	0.578	0.140	ug/L		11/13/24 04:59	12/08/24 21:36	1
p-Dimethylamino azobenzene	<0.0241	U *+ F1	0.578	0.0241	ug/L		11/13/24 04:59	12/08/24 21:36	1
Pentachloronitrobenzene	<0.101	U F1	0.578	0.101	ug/L		11/13/24 04:59	12/08/24 21:36	1
Phenacetin	<0.101	U F1	0.578	0.101	ug/L		11/13/24 04:59	12/08/24 21:36	1
Phorate	<0.224	U *+	0.578	0.224	ug/L		11/13/24 04:59	12/08/24 21:36	1
p-Phenylene diamine	<0.506	U *- F1	1.16	0.506	ug/L		11/13/24 04:59	12/08/24 21:36	1

Client Sample ID: MW-33-S
Lab Sample ID: 860-86677-3

Date Collected: 11/07/24 08:35
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pronamide	<0.101	U *+ F1	0.578	0.101	ug/L		11/13/24 04:59	12/08/24 21:36	1
Safrole, Total	<0.0578	U F1	0.578	0.0578	ug/L		11/13/24 04:59	12/08/24 21:36	1
Sulfotepp	<0.148	U *+	0.578	0.148	ug/L		11/13/24 04:59	12/08/24 21:36	1
Thionazin	<0.211	U *+	1.16	0.211	ug/L		11/13/24 04:59	12/08/24 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*35 - 130*	*11/13/24 04:59*	*12/08/24 21:36*	*1*
2-Fluorobiphenyl	*96*		*43 - 130*	*11/13/24 04:59*	*12/08/24 21:36*	*1*
2-Fluorophenol (Surr)	*72*		*19 - 120*	*11/13/24 04:59*	*12/08/24 21:36*	*1*
Nitrobenzene-d5 (Surr)	*118*		*37 - 133*	*11/13/24 04:59*	*12/08/24 21:36*	*1*
Phenol-d5 (Surr)	*42*		*8 - 124*	*11/13/24 04:59*	*12/08/24 21:36*	*1*
p-Terphenyl-d14	*119*		*47 - 130*	*11/13/24 04:59*	*12/08/24 21:36*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	206		11.6	1.84	ug/L		11/13/24 04:59	12/09/24 19:12	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*35 - 130*	*11/13/24 04:59*	*12/09/24 19:12*	*20*
2-Fluorobiphenyl	*119*		*43 - 130*	*11/13/24 04:59*	*12/09/24 19:12*	*20*
2-Fluorophenol (Surr)	*76*		*19 - 120*	*11/13/24 04:59*	*12/09/24 19:12*	*20*
Nitrobenzene-d5 (Surr)	*92*		*37 - 133*	*11/13/24 04:59*	*12/09/24 19:12*	*20*
Phenol-d5 (Surr)	*69*		*8 - 124*	*11/13/24 04:59*	*12/09/24 19:12*	*20*
p-Terphenyl-d14	*125*		*47 - 130*	*11/13/24 04:59*	*12/09/24 19:12*	*20*

Client Sample ID: MW-30-S
Lab Sample ID: 860-86677-4

Date Collected: 11/07/24 09:34
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/13/24 17:03	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/13/24 17:03	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/13/24 17:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/13/24 17:03	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/13/24 17:03	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/13/24 17:03	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/13/24 17:03	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/13/24 17:03	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/13/24 17:03	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/13/24 17:03	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/13/24 17:03	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/13/24 17:03	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/13/24 17:03	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/13/24 17:03	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/13/24 17:03	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/13/24 17:03	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/13/24 17:03	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/13/24 17:03	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/13/24 17:03	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/13/24 17:03	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: MW-30-S
Date Collected: 11/07/24 09:34
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/13/24 17:03	1
Acetone	<3.07	U	100	3.07	ug/L			11/13/24 17:03	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/13/24 17:03	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/13/24 17:03	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/13/24 17:03	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/13/24 17:03	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/13/24 17:03	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/13/24 17:03	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/13/24 17:03	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/13/24 17:03	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/13/24 17:03	1
Carbon tetrachloride	**8.65**		5.00	0.896	ug/L			11/13/24 17:03	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/13/24 17:03	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/13/24 17:03	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/13/24 17:03	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/13/24 17:03	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/13/24 17:03	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/13/24 17:03	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/13/24 17:03	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/13/24 17:03	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/13/24 17:03	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/13/24 17:03	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/13/24 17:03	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/13/24 17:03	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/13/24 17:03	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/13/24 17:03	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/13/24 17:03	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/13/24 17:03	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/13/24 17:03	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/13/24 17:03	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/13/24 17:03	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/13/24 17:03	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/13/24 17:03	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/13/24 17:03	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/13/24 17:03	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/13/24 17:03	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/13/24 17:03	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/13/24 17:03	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/13/24 17:03	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/13/24 17:03	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/13/24 17:03	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/13/24 17:03	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/13/24 17:03	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/13/24 17:03	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/13/24 17:03	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/13/24 17:03	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/13/24 17:03	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/13/24 17:03	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/13/24 17:03	1

Client Sample ID: MW-30-S
Lab Sample ID: 860-86677-4
Date Collected: 11/07/24 09:34
Matrix: Water
Date Received: 11/09/24 08:53

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*11/13/24 17:03*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*11/13/24 17:03*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*11/13/24 17:03*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/13/24 17:03*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0759	U	0.566	0.0759	ug/L		11/13/24 05:02	12/07/24 16:41	1
1,2-Dichlorobenzene	<0.0931	U	0.566	0.0931	ug/L		11/13/24 05:02	12/07/24 16:41	1
1,3-Dichlorobenzene	<0.101	U	0.566	0.101	ug/L		11/13/24 05:02	12/07/24 16:41	1
1,4-Dichlorobenzene	<0.0771	U	0.566	0.0771	ug/L		11/13/24 05:02	12/07/24 16:41	1
2,2'-oxybis[1-chloropropane]	<1.41	U	2.83	1.41	ug/L		11/13/24 05:02	12/07/24 16:41	1
2,4,5-Trichlorophenol	<0.142	U	0.566	0.142	ug/L		11/13/24 05:02	12/07/24 16:41	1
2,4,6-Trichlorophenol	<0.228	U	0.566	0.228	ug/L		11/13/24 05:02	12/07/24 16:41	1
2,4-Dichlorophenol	<0.139	U	0.566	0.139	ug/L		11/13/24 05:02	12/07/24 16:41	1
2,4-Dimethylphenol	<0.190	U *+	0.566	0.190	ug/L		11/13/24 05:02	12/07/24 16:41	1
1,4-Dioxane	<0.0881	U	0.566	0.0881	ug/L		11/13/24 05:02	12/07/24 16:41	1
2,4-Dinitrophenol	<0.103	U	2.83	0.103	ug/L		11/13/24 05:02	12/07/24 16:41	1
2,4-Dinitrotoluene	<0.203	U	0.566	0.203	ug/L		11/13/24 05:02	12/07/24 16:41	1
2,6-Dinitrotoluene	<0.115	U	0.566	0.115	ug/L		11/13/24 05:02	12/07/24 16:41	1
2-Chloronaphthalene	<0.374	U	0.566	0.374	ug/L		11/13/24 05:02	12/07/24 16:41	1
2-Methylnaphthalene	<0.0597	U	0.566	0.0597	ug/L		11/13/24 05:02	12/07/24 16:41	1
2-Methylphenol	<0.104	U	0.566	0.104	ug/L		11/13/24 05:02	12/07/24 16:41	1
2-Nitroaniline	<0.147	U	0.566	0.147	ug/L		11/13/24 05:02	12/07/24 16:41	1
2-Nitrophenol	<0.135	U	0.566	0.135	ug/L		11/13/24 05:02	12/07/24 16:41	1
3 & 4 Methylphenol	<0.138	U	0.566	0.138	ug/L		11/13/24 05:02	12/07/24 16:41	1
3-Nitroaniline	<0.0844	U	0.566	0.0844	ug/L		11/13/24 05:02	12/07/24 16:41	1
4,6-Dinitro-2-methylphenol	<0.199	U	1.13	0.199	ug/L		11/13/24 05:02	12/07/24 16:41	1
4-Bromophenyl phenyl ether	<0.0993	U	0.566	0.0993	ug/L		11/13/24 05:02	12/07/24 16:41	1
4-Chloro-3-methylphenol	<0.103	U	0.566	0.103	ug/L		11/13/24 05:02	12/07/24 16:41	1
4-Chloroaniline	<0.0382	U	0.566	0.0382	ug/L		11/13/24 05:02	12/07/24 16:41	1
4-Chlorophenyl phenyl ether	<0.129	U	0.566	0.129	ug/L		11/13/24 05:02	12/07/24 16:41	1
4-Nitroaniline	<0.108	U	0.566	0.108	ug/L		11/13/24 05:02	12/07/24 16:41	1
Acenaphthene	<0.106	U	0.566	0.106	ug/L		11/13/24 05:02	12/07/24 16:41	1
Acenaphthylene	<0.0987	U	0.566	0.0987	ug/L		11/13/24 05:02	12/07/24 16:41	1
Aniline	<0.0574	U	0.566	0.0574	ug/L		11/13/24 05:02	12/07/24 16:41	1
Anthracene	<0.0929	U	0.566	0.0929	ug/L		11/13/24 05:02	12/07/24 16:41	1
Benzo[a]anthracene	<0.0283	U	0.0283	0.0283	ug/L		11/13/24 05:02	12/07/24 16:41	1
Benzo[a]pyrene	<0.0297	U	0.0566	0.0297	ug/L		11/13/24 05:02	12/07/24 16:41	1
Benzo[b]fluoranthene	<0.0657	U	0.566	0.0657	ug/L		11/13/24 05:02	12/07/24 16:41	1
Benzo[g,h,i]perylene	<0.0342	U	0.566	0.0342	ug/L		11/13/24 05:02	12/07/24 16:41	1
Benzo[k]fluoranthene	<0.0468	U	0.566	0.0468	ug/L		11/13/24 05:02	12/07/24 16:41	1
Benzyl alcohol	<0.594	U *-	1.13	0.594	ug/L		11/13/24 05:02	12/07/24 16:41	1
Bis(2-chloroethoxy)methane	<0.0965	U	0.566	0.0965	ug/L		11/13/24 05:02	12/07/24 16:41	1
Bis(2-chloroethyl)ether	<0.212	U *+	0.566	0.212	ug/L		11/13/24 05:02	12/07/24 16:41	1
Bis(2-ethylhexyl) phthalate	<0.891	U	1.13	0.891	ug/L		11/13/24 05:02	12/07/24 16:41	1
Butyl benzyl phthalate	<0.495	U	1.13	0.495	ug/L		11/13/24 05:02	12/07/24 16:41	1
Chrysene	<0.0807	U	0.566	0.0807	ug/L		11/13/24 05:02	12/07/24 16:41	1
Dibenz(a,h)anthracene	<0.0504	U	0.113	0.0504	ug/L		11/13/24 05:02	12/07/24 16:41	1
Dibenzofuran	<0.105	U	0.566	0.105	ug/L		11/13/24 05:02	12/07/24 16:41	1

Client Sample ID: MW-30-S
Lab Sample ID: 860-86677-4
Date Collected: 11/07/24 09:34
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	<0.153	U	1.13	0.153	ug/L		11/13/24 05:02	12/07/24 16:41	1
Dimethyl phthalate	<0.107	U *+	1.13	0.107	ug/L		11/13/24 05:02	12/07/24 16:41	1
Di-n-butyl phthalate	<0.757	U	1.13	0.757	ug/L		11/13/24 05:02	12/07/24 16:41	1
Di-n-octyl phthalate	<0.266	U	1.13	0.266	ug/L		11/13/24 05:02	12/07/24 16:41	1
Fluoranthene	<0.0874	U	0.566	0.0874	ug/L		11/13/24 05:02	12/07/24 16:41	1
Fluorene	<0.0939	U	0.566	0.0939	ug/L		11/13/24 05:02	12/07/24 16:41	1
Hexachlorobenzene	<0.0965	U	0.566	0.0965	ug/L		11/13/24 05:02	12/07/24 16:41	1
Hexachlorobutadiene	<0.102	U	0.566	0.102	ug/L		11/13/24 05:02	12/07/24 16:41	1
Hexachlorocyclopentadiene	<0.0507	U	0.566	0.0507	ug/L		11/13/24 05:02	12/07/24 16:41	1
Hexachloroethane	<0.101	U	0.566	0.101	ug/L		11/13/24 05:02	12/07/24 16:41	1
Indeno[1,2,3-cd]pyrene	<0.0990	U	0.566	0.0990	ug/L		11/13/24 05:02	12/07/24 16:41	1
Isophorone	<0.105	U	0.566	0.105	ug/L		11/13/24 05:02	12/07/24 16:41	1
Naphthalene	<0.0935	U	0.566	0.0935	ug/L		11/13/24 05:02	12/07/24 16:41	1
Nitrobenzene	<0.0729	U	0.566	0.0729	ug/L		11/13/24 05:02	12/07/24 16:41	1
N-Nitrosodi-n-propylamine	<0.117	U	0.566	0.117	ug/L		11/13/24 05:02	12/07/24 16:41	1
N-Nitrosodiphenylamine	<0.143	U	0.566	0.143	ug/L		11/13/24 05:02	12/07/24 16:41	1
Pentachlorophenol	<1.03	U	1.13	1.03	ug/L		11/13/24 05:02	12/07/24 16:41	1
Phenanthrene	<0.133	U	0.566	0.133	ug/L		11/13/24 05:02	12/07/24 16:41	1
Phenol	<0.444	U	2.83	0.444	ug/L		11/13/24 05:02	12/07/24 16:41	1
Pyrene	<0.0840	U	0.566	0.0840	ug/L		11/13/24 05:02	12/07/24 16:41	1
Pyridine	<1.42	U *-	2.83	1.42	ug/L		11/13/24 05:02	12/07/24 16:41	1
N-Nitro-o-toluidine	<0.515	U	1.13	0.515	ug/L		11/13/24 05:02	12/07/24 16:41	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.566	0.209	ug/L		11/13/24 05:02	12/07/24 16:41	1
Acetophenone	<0.618	U	1.13	0.618	ug/L		11/13/24 05:02	12/07/24 16:41	1
N-Nitrosopiperidine	<0.463	U	1.13	0.463	ug/L		11/13/24 05:02	12/07/24 16:41	1
Pentachlorobenzene	<0.263	U	0.566	0.263	ug/L		11/13/24 05:02	12/07/24 16:41	1
Diphenyl ether	**0.260**	**J**	0.566	0.0901	ug/L		11/13/24 05:02	12/07/24 16:41	1
1,1'-Biphenyl	<0.0972	U	0.566	0.0972	ug/L		11/13/24 05:02	12/07/24 16:41	1
4-Aminobiphenyl	<0.390	U	0.566	0.390	ug/L		11/13/24 05:02	12/07/24 16:41	1
1,2,4,5-Tetrachlorobenzene	<0.0948	U	0.566	0.0948	ug/L		11/13/24 05:02	12/07/24 16:41	1
1,3,5-Trinitrobenzene	<0.118	U	0.566	0.118	ug/L		11/13/24 05:02	12/07/24 16:41	1
1,3-Dinitrobenzene	<0.0765	U	0.566	0.0765	ug/L		11/13/24 05:02	12/07/24 16:41	1
1,4-Naphthoquinone	<0.311	U	0.566	0.311	ug/L		11/13/24 05:02	12/07/24 16:41	1
1-Naphthylamine	<0.147	U	0.566	0.147	ug/L		11/13/24 05:02	12/07/24 16:41	1
2,6-Dichlorophenol	<0.117	U	0.566	0.117	ug/L		11/13/24 05:02	12/07/24 16:41	1
2-Acetylaminofluorene	<1.25	U	2.83	1.25	ug/L		11/13/24 05:02	12/07/24 16:41	1
2-Chlorophenol	<0.0749	U	0.566	0.0749	ug/L		11/13/24 05:02	12/07/24 16:41	1
2-Naphthylamine	<0.285	U	0.566	0.285	ug/L		11/13/24 05:02	12/07/24 16:41	1
2-Picoline	<0.121	U	0.566	0.121	ug/L		11/13/24 05:02	12/07/24 16:41	1
2-Toluidine	<0.303	U	0.566	0.303	ug/L		11/13/24 05:02	12/07/24 16:41	1
3,3'-Dichlorobenzidine	<0.181	U	0.566	0.181	ug/L		11/13/24 05:02	12/07/24 16:41	1
3,3'-Dimethylbenzidine	<0.140	U	0.566	0.140	ug/L		11/13/24 05:02	12/07/24 16:41	1
3-Methylcholanthrene	<0.103	U	0.566	0.103	ug/L		11/13/24 05:02	12/07/24 16:41	1
4-Nitroquinoline-1-oxide	<0.723	U	1.13	0.723	ug/L		11/13/24 05:02	12/07/24 16:41	1
7,12-Dimethylbenz(a)anthracene	<0.239	U	0.566	0.239	ug/L		11/13/24 05:02	12/07/24 16:41	1
alpha,alpha-Dimethyl phenethylamine	<3.63	U	5.66	3.63	ug/L		11/13/24 05:02	12/07/24 16:41	1
Aramite Peak 1	<0.0777	U	0.566	0.0777	ug/L		11/13/24 05:02	12/07/24 16:41	1
Aramite Peak 2	<0.0944	U	0.566	0.0944	ug/L		11/13/24 05:02	12/07/24 16:41	1
Aramite, Total	<0.0944	U	0.566	0.0944	ug/L		11/13/24 05:02	12/07/24 16:41	1

Client Sample ID: MW-30-S

Lab Sample ID: 860-86677-4

Date Collected: 11/07/24 09:34

Matrix: Water

Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diallate	<0.0827	U	0.566	0.0827	ug/L		11/13/24 05:02	12/07/24 16:41	1
Diallate Peak 1	<0.0827	U	0.566	0.0827	ug/L		11/13/24 05:02	12/07/24 16:41	1
Diallate Peak 2	<0.0381	U	0.566	0.0381	ug/L		11/13/24 05:02	12/07/24 16:41	1
Dimethoate	<0.120	U *+	0.566	0.120	ug/L		11/13/24 05:02	12/07/24 16:41	1
Dinoseb	<0.564	U *+	2.83	0.564	ug/L		11/13/24 05:02	12/07/24 16:41	1
Disulfoton	<0.201	U *+	0.566	0.201	ug/L		11/13/24 05:02	12/07/24 16:41	1
Ethyl methanesulfonate	<0.224	U	0.566	0.224	ug/L		11/13/24 05:02	12/07/24 16:41	1
Famphur	<0.149	U *+	1.13	0.149	ug/L		11/13/24 05:02	12/07/24 16:41	1
Hexachloropropene	<0.297	U *-	0.566	0.297	ug/L		11/13/24 05:02	12/07/24 16:41	1
Isosafrole	<0.238	U	0.566	0.238	ug/L		11/13/24 05:02	12/07/24 16:41	1
Isosafrole Peak 1	<0.0459	U	0.566	0.0459	ug/L		11/13/24 05:02	12/07/24 16:41	1
Isosafrole Peak 2	<0.238	U	0.566	0.238	ug/L		11/13/24 05:02	12/07/24 16:41	1
Methapyrilene	<0.990	U *+	2.26	0.990	ug/L		11/13/24 05:02	12/07/24 16:41	1
Methyl methanesulfonate	<0.119	U	0.566	0.119	ug/L		11/13/24 05:02	12/07/24 16:41	1
Methyl parathion	<0.316	U *+	0.566	0.316	ug/L		11/13/24 05:02	12/07/24 16:41	1
N-Nitrosodiethylamine	<0.533	U	1.13	0.533	ug/L		11/13/24 05:02	12/07/24 16:41	1
N-Nitrosodimethylamine	<0.0990	U *-	0.566	0.0990	ug/L		11/13/24 05:02	12/07/24 16:41	1
N-Nitrosodi-n-butylamine	<0.510	U	1.13	0.510	ug/L		11/13/24 05:02	12/07/24 16:41	1
N-Nitrosomethylethylamine	<0.291	U	0.566	0.291	ug/L		11/13/24 05:02	12/07/24 16:41	1
N-Nitrosomorpholine	<0.218	U	0.566	0.218	ug/L		11/13/24 05:02	12/07/24 16:41	1
N-Nitrosopyrrolidine	<0.265	U *-	0.566	0.265	ug/L		11/13/24 05:02	12/07/24 16:41	1
o,o',o''-Triethylphosphorothioate	<0.137	U *+	0.566	0.137	ug/L		11/13/24 05:02	12/07/24 16:41	1
p-Dimethylamino azobenzene	<0.0235	U	0.566	0.0235	ug/L		11/13/24 05:02	12/07/24 16:41	1
Pentachloronitrobenzene	<0.0990	U	0.566	0.0990	ug/L		11/13/24 05:02	12/07/24 16:41	1
Phenacetin	<0.0990	U	0.566	0.0990	ug/L		11/13/24 05:02	12/07/24 16:41	1
Phorate	<0.219	U *+	0.566	0.219	ug/L		11/13/24 05:02	12/07/24 16:41	1
p-Phenylene diamine	<0.495	U *-	1.13	0.495	ug/L		11/13/24 05:02	12/07/24 16:41	1
Pronamide	<0.0990	U *+	0.566	0.0990	ug/L		11/13/24 05:02	12/07/24 16:41	1
Safrole, Total	<0.0565	U	0.566	0.0565	ug/L		11/13/24 05:02	12/07/24 16:41	1
Sulfotepp	<0.145	U *+	0.566	0.145	ug/L		11/13/24 05:02	12/07/24 16:41	1
Thionazin	<0.206	U *+	1.13	0.206	ug/L		11/13/24 05:02	12/07/24 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*115*		*35 - 130*	*11/13/24 05:02*	*12/07/24 16:41*	*1*
2-Fluorobiphenyl	*102*		*43 - 130*	*11/13/24 05:02*	*12/07/24 16:41*	*1*
2-Fluorophenol (Surr)	*77*		*19 - 120*	*11/13/24 05:02*	*12/07/24 16:41*	*1*
Nitrobenzene-d5 (Surr)	*126*		*37 - 133*	*11/13/24 05:02*	*12/07/24 16:41*	*1*
Phenol-d5 (Surr)	*45*		*8 - 124*	*11/13/24 05:02*	*12/07/24 16:41*	*1*
p-Terphenyl-d14	*117*		*47 - 130*	*11/13/24 05:02*	*12/07/24 16:41*	*1*

Client Sample ID: MW-33-D

Lab Sample ID: 860-86677-5

Date Collected: 11/07/24 10:00

Matrix: Water

Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/13/24 17:22	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/13/24 17:22	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/13/24 17:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/13/24 17:22	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: MW-33-D
Date Collected: 11/07/24 10:00
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/13/24 17:22	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/13/24 17:22	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/13/24 17:22	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/13/24 17:22	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/13/24 17:22	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/13/24 17:22	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/13/24 17:22	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/13/24 17:22	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/13/24 17:22	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/13/24 17:22	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/13/24 17:22	1
2,2,4-Trimethylpentane	**0.784**	**J**	5.00	0.500	ug/L			11/13/24 17:22	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/13/24 17:22	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/13/24 17:22	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/13/24 17:22	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/13/24 17:22	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/13/24 17:22	1
Acetone	<3.07	U	100	3.07	ug/L			11/13/24 17:22	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/13/24 17:22	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/13/24 17:22	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/13/24 17:22	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/13/24 17:22	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/13/24 17:22	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/13/24 17:22	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/13/24 17:22	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/13/24 17:22	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/13/24 17:22	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/13/24 17:22	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/13/24 17:22	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/13/24 17:22	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/13/24 17:22	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/13/24 17:22	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/13/24 17:22	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/13/24 17:22	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/13/24 17:22	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/13/24 17:22	1
Cumene (isopropylbenzene)	**1.12**		1.00	0.592	ug/L			11/13/24 17:22	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/13/24 17:22	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/13/24 17:22	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/13/24 17:22	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/13/24 17:22	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/13/24 17:22	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/13/24 17:22	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/13/24 17:22	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/13/24 17:22	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/13/24 17:22	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/13/24 17:22	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/13/24 17:22	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/13/24 17:22	1

Client Sample ID: MW-33-D
Lab Sample ID: 860-86677-5
Date Collected: 11/07/24 10:00
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/13/24 17:22	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/13/24 17:22	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/13/24 17:22	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/13/24 17:22	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/13/24 17:22	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/13/24 17:22	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/13/24 17:22	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/13/24 17:22	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/13/24 17:22	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/13/24 17:22	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/13/24 17:22	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/13/24 17:22	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/13/24 17:22	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/13/24 17:22	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/13/24 17:22	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/13/24 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*		*11/13/24 17:22*	*1*
4-Bromofluorobenzene (Surr)	*93*		*74 - 124*		*11/13/24 17:22*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/13/24 17:22*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/13/24 17:22*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0767	U	0.572	0.0767	ug/L		11/13/24 05:02	12/07/24 17:11	1
1,2-Dichlorobenzene	<0.0942	U	0.572	0.0942	ug/L		11/13/24 05:02	12/07/24 17:11	1
1,3-Dichlorobenzene	<0.102	U	0.572	0.102	ug/L		11/13/24 05:02	12/07/24 17:11	1
1,4-Dichlorobenzene	<0.0780	U	0.572	0.0780	ug/L		11/13/24 05:02	12/07/24 17:11	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		11/13/24 05:02	12/07/24 17:11	1
2,4,5-Trichlorophenol	<0.143	U	0.572	0.143	ug/L		11/13/24 05:02	12/07/24 17:11	1
2,4,6-Trichlorophenol	<0.231	U	0.572	0.231	ug/L		11/13/24 05:02	12/07/24 17:11	1
2,4-Dichlorophenol	<0.140	U	0.572	0.140	ug/L		11/13/24 05:02	12/07/24 17:11	1
2,4-Dimethylphenol	<0.192	U *+	0.572	0.192	ug/L		11/13/24 05:02	12/07/24 17:11	1
1,4-Dioxane	<0.0891	U	0.572	0.0891	ug/L		11/13/24 05:02	12/07/24 17:11	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/13/24 05:02	12/07/24 17:11	1
2,4-Dinitrotoluene	<0.205	U	0.572	0.205	ug/L		11/13/24 05:02	12/07/24 17:11	1
2,6-Dinitrotoluene	<0.116	U	0.572	0.116	ug/L		11/13/24 05:02	12/07/24 17:11	1
2-Chloronaphthalene	<0.379	U	0.572	0.379	ug/L		11/13/24 05:02	12/07/24 17:11	1
2-Methylnaphthalene	<0.0603	U	0.572	0.0603	ug/L		11/13/24 05:02	12/07/24 17:11	1
2-Methylphenol	<0.105	U	0.572	0.105	ug/L		11/13/24 05:02	12/07/24 17:11	1
2-Nitroaniline	<0.149	U	0.572	0.149	ug/L		11/13/24 05:02	12/07/24 17:11	1
2-Nitrophenol	<0.136	U	0.572	0.136	ug/L		11/13/24 05:02	12/07/24 17:11	1
3 & 4 Methylphenol	<0.139	U	0.572	0.139	ug/L		11/13/24 05:02	12/07/24 17:11	1
3-Nitroaniline	<0.0854	U	0.572	0.0854	ug/L		11/13/24 05:02	12/07/24 17:11	1
4,6-Dinitro-2-methylphenol	<0.202	U	1.14	0.202	ug/L		11/13/24 05:02	12/07/24 17:11	1
4-Bromophenyl phenyl ether	<0.100	U	0.572	0.100	ug/L		11/13/24 05:02	12/07/24 17:11	1
4-Chloro-3-methylphenol	<0.104	U	0.572	0.104	ug/L		11/13/24 05:02	12/07/24 17:11	1
4-Chloroaniline	<0.0386	U	0.572	0.0386	ug/L		11/13/24 05:02	12/07/24 17:11	1
4-Chlorophenyl phenyl ether	<0.131	U	0.572	0.131	ug/L		11/13/24 05:02	12/07/24 17:11	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: MW-33-D
Date Collected: 11/07/24 10:00
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	<0.109	U	0.572	0.109	ug/L		11/13/24 05:02	12/07/24 17:11	1
Acenaphthene	**1.69**		0.572	0.108	ug/L		11/13/24 05:02	12/07/24 17:11	1
Acenaphthylene	**0.0998**	**J**	0.572	0.0998	ug/L		11/13/24 05:02	12/07/24 17:11	1
Aniline	<0.0580	U	0.572	0.0580	ug/L		11/13/24 05:02	12/07/24 17:11	1
Anthracene	<0.0939	U	0.572	0.0939	ug/L		11/13/24 05:02	12/07/24 17:11	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/13/24 05:02	12/07/24 17:11	1
Benzo[a]pyrene	<0.0300	U	0.0572	0.0300	ug/L		11/13/24 05:02	12/07/24 17:11	1
Benzo[b]fluoranthene	<0.0665	U	0.572	0.0665	ug/L		11/13/24 05:02	12/07/24 17:11	1
Benzo[g,h,i]perylene	<0.0346	U	0.572	0.0346	ug/L		11/13/24 05:02	12/07/24 17:11	1
Benzo[k]fluoranthene	<0.0473	U	0.572	0.0473	ug/L		11/13/24 05:02	12/07/24 17:11	1
Benzyl alcohol	<0.601	U *-	1.14	0.601	ug/L		11/13/24 05:02	12/07/24 17:11	1
Bis(2-chloroethoxy)methane	<0.0976	U	0.572	0.0976	ug/L		11/13/24 05:02	12/07/24 17:11	1
Bis(2-chloroethyl)ether	<0.215	U *+	0.572	0.215	ug/L		11/13/24 05:02	12/07/24 17:11	1
Bis(2-ethylhexyl) phthalate	<0.901	U	1.14	0.901	ug/L		11/13/24 05:02	12/07/24 17:11	1
Butyl benzyl phthalate	<0.501	U	1.14	0.501	ug/L		11/13/24 05:02	12/07/24 17:11	1
Chrysene	<0.0817	U	0.572	0.0817	ug/L		11/13/24 05:02	12/07/24 17:11	1
Dibenz(a,h)anthracene	<0.0510	U	0.114	0.0510	ug/L		11/13/24 05:02	12/07/24 17:11	1
Dibenzofuran	**7.98**		0.572	0.107	ug/L		11/13/24 05:02	12/07/24 17:11	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/13/24 05:02	12/07/24 17:11	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/13/24 05:02	12/07/24 17:11	1
Di-n-butyl phthalate	<0.766	U	1.14	0.766	ug/L		11/13/24 05:02	12/07/24 17:11	1
Di-n-octyl phthalate	<0.270	U	1.14	0.270	ug/L		11/13/24 05:02	12/07/24 17:11	1
Fluoranthene	<0.0884	U	0.572	0.0884	ug/L		11/13/24 05:02	12/07/24 17:11	1
Fluorene	**0.521**	**J**	0.572	0.0950	ug/L		11/13/24 05:02	12/07/24 17:11	1
Hexachlorobenzene	<0.0976	U	0.572	0.0976	ug/L		11/13/24 05:02	12/07/24 17:11	1
Hexachlorobutadiene	<0.103	U	0.572	0.103	ug/L		11/13/24 05:02	12/07/24 17:11	1
Hexachlorocyclopentadiene	<0.0513	U	0.572	0.0513	ug/L		11/13/24 05:02	12/07/24 17:11	1
Hexachloroethane	<0.102	U	0.572	0.102	ug/L		11/13/24 05:02	12/07/24 17:11	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.572	0.100	ug/L		11/13/24 05:02	12/07/24 17:11	1
Isophorone	<0.107	U	0.572	0.107	ug/L		11/13/24 05:02	12/07/24 17:11	1
Naphthalene	**2.73**		0.572	0.0946	ug/L		11/13/24 05:02	12/07/24 17:11	1
Nitrobenzene	<0.0737	U	0.572	0.0737	ug/L		11/13/24 05:02	12/07/24 17:11	1
N-Nitrosodi-n-propylamine	<0.119	U	0.572	0.119	ug/L		11/13/24 05:02	12/07/24 17:11	1
N-Nitrosodiphenylamine	<0.145	U	0.572	0.145	ug/L		11/13/24 05:02	12/07/24 17:11	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/13/24 05:02	12/07/24 17:11	1
Phenol	<0.449	U	2.86	0.449	ug/L		11/13/24 05:02	12/07/24 17:11	1
Pyrene	<0.0850	U	0.572	0.0850	ug/L		11/13/24 05:02	12/07/24 17:11	1
Pyridine	<1.44	U *-	2.86	1.44	ug/L		11/13/24 05:02	12/07/24 17:11	1
N-Nitro-o-toluidine	<0.521	U	1.14	0.521	ug/L		11/13/24 05:02	12/07/24 17:11	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.572	0.211	ug/L		11/13/24 05:02	12/07/24 17:11	1
Acetophenone	<0.625	U	1.14	0.625	ug/L		11/13/24 05:02	12/07/24 17:11	1
N-Nitrosopiperidine	<0.468	U	1.14	0.468	ug/L		11/13/24 05:02	12/07/24 17:11	1
Pentachlorobenzene	<0.266	U	0.572	0.266	ug/L		11/13/24 05:02	12/07/24 17:11	1
4-Aminobiphenyl	<0.395	U	0.572	0.395	ug/L		11/13/24 05:02	12/07/24 17:11	1
1,2,4,5-Tetrachlorobenzene	<0.0959	U	0.572	0.0959	ug/L		11/13/24 05:02	12/07/24 17:11	1
1,3,5-Trinitrobenzene	<0.119	U	0.572	0.119	ug/L		11/13/24 05:02	12/07/24 17:11	1
1,3-Dinitrobenzene	<0.0774	U	0.572	0.0774	ug/L		11/13/24 05:02	12/07/24 17:11	1
1,4-Naphthoquinone	<0.315	U	0.572	0.315	ug/L		11/13/24 05:02	12/07/24 17:11	1
1-Naphthylamine	<0.149	U	0.572	0.149	ug/L		11/13/24 05:02	12/07/24 17:11	1

Client Sample ID: MW-33-D
Date Collected: 11/07/24 10:00
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dichlorophenol	<0.118	U	0.572	0.118	ug/L		11/13/24 05:02	12/07/24 17:11	1
2-Acetylaminofluorene	<1.27	U	2.86	1.27	ug/L		11/13/24 05:02	12/07/24 17:11	1
2-Chlorophenol	<0.0757	U	0.572	0.0757	ug/L		11/13/24 05:02	12/07/24 17:11	1
2-Naphthylamine	<0.288	U	0.572	0.288	ug/L		11/13/24 05:02	12/07/24 17:11	1
2-Picoline	<0.123	U	0.572	0.123	ug/L		11/13/24 05:02	12/07/24 17:11	1
2-Toluidine	<0.306	U	0.572	0.306	ug/L		11/13/24 05:02	12/07/24 17:11	1
3,3'-Dichlorobenzidine	<0.183	U	0.572	0.183	ug/L		11/13/24 05:02	12/07/24 17:11	1
3,3'-Dimethylbenzidine	<0.142	U	0.572	0.142	ug/L		11/13/24 05:02	12/07/24 17:11	1
3-Methylcholanthrene	<0.104	U	0.572	0.104	ug/L		11/13/24 05:02	12/07/24 17:11	1
4-Nitroquinoline-1-oxide	<0.731	U	1.14	0.731	ug/L		11/13/24 05:02	12/07/24 17:11	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.572	0.241	ug/L		11/13/24 05:02	12/07/24 17:11	1
alpha,alpha-Dimethyl phenethylamine	<3.68	U	5.72	3.68	ug/L		11/13/24 05:02	12/07/24 17:11	1
Aramite Peak 1	<0.0786	U	0.572	0.0786	ug/L		11/13/24 05:02	12/07/24 17:11	1
Aramite Peak 2	<0.0955	U	0.572	0.0955	ug/L		11/13/24 05:02	12/07/24 17:11	1
Aramite, Total	<0.0955	U	0.572	0.0955	ug/L		11/13/24 05:02	12/07/24 17:11	1
Diallate	<0.0836	U	0.572	0.0836	ug/L		11/13/24 05:02	12/07/24 17:11	1
Diallate Peak 1	<0.0836	U	0.572	0.0836	ug/L		11/13/24 05:02	12/07/24 17:11	1
Diallate Peak 2	<0.0386	U	0.572	0.0386	ug/L		11/13/24 05:02	12/07/24 17:11	1
Dimethoate	<0.122	U *+	0.572	0.122	ug/L		11/13/24 05:02	12/07/24 17:11	1
Dinoseb	<0.570	U *+	2.86	0.570	ug/L		11/13/24 05:02	12/07/24 17:11	1
Disulfoton	<0.203	U *+	0.572	0.203	ug/L		11/13/24 05:02	12/07/24 17:11	1
Ethyl methanesulfonate	<0.227	U	0.572	0.227	ug/L		11/13/24 05:02	12/07/24 17:11	1
Ethyl Parathion	<0.0503	U *+	0.229	0.0503	ug/L		11/13/24 05:02	12/07/24 17:11	1
Famphur	<0.151	U *+	1.14	0.151	ug/L		11/13/24 05:02	12/07/24 17:11	1
Hexachloropropene	<0.300	U *-	0.572	0.300	ug/L		11/13/24 05:02	12/07/24 17:11	1
Isosafrole	<0.241	U	0.572	0.241	ug/L		11/13/24 05:02	12/07/24 17:11	1
Isosafrole Peak 1	<0.0464	U	0.572	0.0464	ug/L		11/13/24 05:02	12/07/24 17:11	1
Isosafrole Peak 2	<0.241	U	0.572	0.241	ug/L		11/13/24 05:02	12/07/24 17:11	1
Methapyrilene	<1.00	U *+	2.29	1.00	ug/L		11/13/24 05:02	12/07/24 17:11	1
Methyl methanesulfonate	<0.120	U	0.572	0.120	ug/L		11/13/24 05:02	12/07/24 17:11	1
Methyl parathion	<0.320	U *+	0.572	0.320	ug/L		11/13/24 05:02	12/07/24 17:11	1
N-Nitrosodiethylamine	<0.539	U	1.14	0.539	ug/L		11/13/24 05:02	12/07/24 17:11	1
N-Nitrosodimethylamine	<0.100	U *-	0.572	0.100	ug/L		11/13/24 05:02	12/07/24 17:11	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/13/24 05:02	12/07/24 17:11	1
N-Nitrosomethylethylamine	<0.294	U	0.572	0.294	ug/L		11/13/24 05:02	12/07/24 17:11	1
N-Nitrosomorpholine	<0.221	U	0.572	0.221	ug/L		11/13/24 05:02	12/07/24 17:11	1
N-Nitrosopyrrolidine	<0.268	U *-	0.572	0.268	ug/L		11/13/24 05:02	12/07/24 17:11	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.572	0.138	ug/L		11/13/24 05:02	12/07/24 17:11	1
p-Dimethylamino azobenzene	<0.0238	U	0.572	0.0238	ug/L		11/13/24 05:02	12/07/24 17:11	1
Pentachloronitrobenzene	<0.100	U	0.572	0.100	ug/L		11/13/24 05:02	12/07/24 17:11	1
Phenacetin	<0.100	U	0.572	0.100	ug/L		11/13/24 05:02	12/07/24 17:11	1
Phorate	<0.222	U *+	0.572	0.222	ug/L		11/13/24 05:02	12/07/24 17:11	1
p-Phenylene diamine	<0.501	U *-	1.14	0.501	ug/L		11/13/24 05:02	12/07/24 17:11	1
Pronamide	<0.100	U *+	0.572	0.100	ug/L		11/13/24 05:02	12/07/24 17:11	1
Safrole, Total	<0.0572	U	0.572	0.0572	ug/L		11/13/24 05:02	12/07/24 17:11	1
Sulfotepp	<0.147	U *+	0.572	0.147	ug/L		11/13/24 05:02	12/07/24 17:11	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/13/24 05:02	12/07/24 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*95*		*35 - 130*	*11/13/24 05:02*	*12/07/24 17:11*	*1*

Client Sample ID: MW-33-D
Lab Sample ID: 860-86677-5

Date Collected: 11/07/24 10:00
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*78*		*43 - 130*	*11/13/24 05:02*	*12/07/24 17:11*	*1*
2-Fluorophenol (Surr)	*70*		*19 - 120*	*11/13/24 05:02*	*12/07/24 17:11*	*1*
Nitrobenzene-d5 (Surr)	*114*		*37 - 133*	*11/13/24 05:02*	*12/07/24 17:11*	*1*
Phenol-d5 (Surr)	*41*		*8 - 124*	*11/13/24 05:02*	*12/07/24 17:11*	*1*
p-Terphenyl-d14	*117*		*47 - 130*	*11/13/24 05:02*	*12/07/24 17:11*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	**12900**		572	91.1	ug/L		11/13/24 05:02	12/11/24 03:59	1000
1,1'-Biphenyl	**2470**		572	98.3	ug/L		11/13/24 05:02	12/11/24 03:59	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*S1-*	*35 - 130*	*11/13/24 05:02*	*12/11/24 03:59*	*1000*
2-Fluorobiphenyl	*182*	*I S1+*	*43 - 130*	*11/13/24 05:02*	*12/11/24 03:59*	*1000*
2-Fluorophenol (Surr)	*155*	*I S1+*	*19 - 120*	*11/13/24 05:02*	*12/11/24 03:59*	*1000*
Nitrobenzene-d5 (Surr)	*176*	*I S1+*	*37 - 133*	*11/13/24 05:02*	*12/11/24 03:59*	*1000*
Phenol-d5 (Surr)	*491*	*I S1+*	*8 - 124*	*11/13/24 05:02*	*12/11/24 03:59*	*1000*
p-Terphenyl-d14	*304*	*I S1+*	*47 - 130*	*11/13/24 05:02*	*12/11/24 03:59*	*1000*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**0.617**		0.572	0.134	ug/L		11/13/24 05:02	12/15/24 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*96*		*35 - 130*	*11/13/24 05:02*	*12/15/24 21:25*	*1*
2-Fluorobiphenyl	*80*		*43 - 130*	*11/13/24 05:02*	*12/15/24 21:25*	*1*
2-Fluorophenol (Surr)	*70*		*19 - 120*	*11/13/24 05:02*	*12/15/24 21:25*	*1*
Nitrobenzene-d5 (Surr)	*106*		*37 - 133*	*11/13/24 05:02*	*12/15/24 21:25*	*1*
Phenol-d5 (Surr)	*44*		*8 - 124*	*11/13/24 05:02*	*12/15/24 21:25*	*1*
p-Terphenyl-d14	*143*	*S1+*	*47 - 130*	*11/13/24 05:02*	*12/15/24 21:25*	*1*

Client Sample ID: MW-30-D
Lab Sample ID: 860-86677-6

Date Collected: 11/07/24 10:46
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<32.2	U	50.0	32.2	ug/L			11/13/24 19:39	50
1,1,1-Trichloroethane	<29.3	U	250	29.3	ug/L			11/13/24 19:39	50
1,1,2,2-Tetrachloroethane	<23.5	U	50.0	23.5	ug/L			11/13/24 19:39	50
1,1,2-Trichloro-1,2,2-trifluoroethane	<55.5	U	500	55.5	ug/L			11/13/24 19:39	50
1,1,2-Trichloroethane	<20.6	U	50.0	20.6	ug/L			11/13/24 19:39	50
1,1-Dichloroethane	<31.8	U	50.0	31.8	ug/L			11/13/24 19:39	50
1,1-Dichloroethene	<36.9	U	50.0	36.9	ug/L			11/13/24 19:39	50
1,2,3-Trichloropropane	<23.5	U	50.0	23.5	ug/L			11/13/24 19:39	50
1,2,4-Trimethylbenzene	<20.9	U	50.0	20.9	ug/L			11/13/24 19:39	50
1,2-Dibromo-3-Chloropropane	<33.6	U	250	33.6	ug/L			11/13/24 19:39	50
1,2-Dibromoethane	<50.0	U	250	50.0	ug/L			11/13/24 19:39	50
1,2-Dichloroethane	<18.6	U	50.0	18.6	ug/L			11/13/24 19:39	50
1,2-Dichloropropane	<27.8	U	250	27.8	ug/L			11/13/24 19:39	50

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: MW-30-D
Date Collected: 11/07/24 10:46
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<20.6	U	50.0	20.6	ug/L			11/13/24 19:39	50
1,3-Butadiene	<28.4	U	50.0	28.4	ug/L			11/13/24 19:39	50
2,2,4-Trimethylpentane	<25.0	U	250	25.0	ug/L			11/13/24 19:39	50
2-Butanone (MEK)	<414	U	2500	414	ug/L			11/13/24 19:39	50
2-Hexanone (MBK)	<250	U	2500	250	ug/L			11/13/24 19:39	50
2-Propanol	<261	U	500	261	ug/L			11/13/24 19:39	50
3-Chloropropene (Allyl Chloride)	<29.9	U	250	29.9	ug/L			11/13/24 19:39	50
4-Methyl-2-pentanone	<250	U	2500	250	ug/L			11/13/24 19:39	50
Acetone	<153	U	5000	153	ug/L			11/13/24 19:39	50
Acetonitrile	<730	U	5000	730	ug/L			11/13/24 19:39	50
Acrolein	<556	U	2500	556	ug/L			11/13/24 19:39	50
Acrylonitrile	<716	U	2500	716	ug/L			11/13/24 19:39	50
alpha-Chlorotoluene	<113	U	250	113	ug/L			11/13/24 19:39	50
Benzene	<23.0	U	50.0	23.0	ug/L			11/13/24 19:39	50
Bromodichloromethane	<27.6	U	50.0	27.6	ug/L			11/13/24 19:39	50
Bromoform	<31.7	U	250	31.7	ug/L			11/13/24 19:39	50
Bromomethane	<71.0	U	250	71.0	ug/L			11/13/24 19:39	50
Carbon disulfide	<82.5	U	250	82.5	ug/L			11/13/24 19:39	50
Carbon tetrachloride	**4060**		250	44.8	ug/L			11/13/24 19:39	50
Chlorobenzene	<22.8	U	50.0	22.8	ug/L			11/13/24 19:39	50
Chlorodibromomethane	<27.4	U	250	27.4	ug/L			11/13/24 19:39	50
Chloroethane	<99.2	U	500	99.2	ug/L			11/13/24 19:39	50
Chloroform	**29.5**	**J**	50.0	23.2	ug/L			11/13/24 19:39	50
Chloromethane	<102	U	500	102	ug/L			11/13/24 19:39	50
Chloroprene	<29.9	U	250	29.9	ug/L			11/13/24 19:39	50
cis-1,2-Dichloroethene	<22.9	U	50.0	22.9	ug/L			11/13/24 19:39	50
cis-1,3-Dichloropropene	<53.4	U	250	53.4	ug/L			11/13/24 19:39	50
Cumene (isopropylbenzene)	<29.6	U	50.0	29.6	ug/L			11/13/24 19:39	50
Cyclohexane	<64.3	U	250	64.3	ug/L			11/13/24 19:39	50
Dibromomethane	<17.9	U	50.0	17.9	ug/L			11/13/24 19:39	50
Dichlorodifluoromethane	<39.3	U	50.0	39.3	ug/L			11/13/24 19:39	50
Ethyl methacrylate	<55.9	U	250	55.9	ug/L			11/13/24 19:39	50
Ethylbenzene	<19.3	U	50.0	19.3	ug/L			11/13/24 19:39	50
Hexane	<25.9	U	250	25.9	ug/L			11/13/24 19:39	50
Iodomethane	<250	U	1000	250	ug/L			11/13/24 19:39	50
Isobutanol	<855	U	2500	855	ug/L			11/13/24 19:39	50
Methacrylonitrile	<136	U	500	136	ug/L			11/13/24 19:39	50
Methyl methacrylate	<113	U	500	113	ug/L			11/13/24 19:39	50
Methyl tert-butyl ether	<69.6	U	250	69.6	ug/L			11/13/24 19:39	50
Methylene Chloride	<86.3	U	250	86.3	ug/L			11/13/24 19:39	50
Propionitrile	<167	U	500	167	ug/L			11/13/24 19:39	50
Propylbenzene	<21.5	U	50.0	21.5	ug/L			11/13/24 19:39	50
Styrene	<31.0	U	50.0	31.0	ug/L			11/13/24 19:39	50
Tetrachloroethene	<32.8	U	50.0	32.8	ug/L			11/13/24 19:39	50
Tetrahydrofuran	<91.7	U	500	91.7	ug/L			11/13/24 19:39	50
Toluene	<23.8	U	50.0	23.8	ug/L			11/13/24 19:39	50
trans-1,2-Dichloroethene	<18.4	U	50.0	18.4	ug/L			11/13/24 19:39	50
trans-1,3-Dichloropropene	<63.4	U	250	63.4	ug/L			11/13/24 19:39	50
trans-1,4-Dichloro-2-butene	<67.5	U	500	67.5	ug/L			11/13/24 19:39	50

Client Sample ID: MW-30-D
Date Collected: 11/07/24 10:46
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<75.0	U	250	75.0	ug/L			11/13/24 19:39	50
Trichlorofluoromethane	<28.0	U	50.0	28.0	ug/L			11/13/24 19:39	50
Vinyl acetate	<107	U	1000	107	ug/L			11/13/24 19:39	50
Vinyl chloride	<21.4	U	100	21.4	ug/L			11/13/24 19:39	50
Xylenes, Total	<62.0	U	500	62.0	ug/L			11/13/24 19:39	50
m,p-Xylenes	<0.0620	U	0.500	0.0620	mg/L			11/13/24 19:39	50
o-Xylene	<0.0251	U	0.0500	0.0251	mg/L			11/13/24 19:39	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*63 - 144*		*11/13/24 19:39*	*50*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*11/13/24 19:39*	*50*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*11/13/24 19:39*	*50*
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/13/24 19:39*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0767	U	0.572	0.0767	ug/L		11/13/24 05:02	12/07/24 17:41	1
1,2-Dichlorobenzene	<0.0942	U	0.572	0.0942	ug/L		11/13/24 05:02	12/07/24 17:41	1
1,3-Dichlorobenzene	<0.102	U	0.572	0.102	ug/L		11/13/24 05:02	12/07/24 17:41	1
1,4-Dichlorobenzene	**0.130**	**J**	0.572	0.0780	ug/L		11/13/24 05:02	12/07/24 17:41	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		11/13/24 05:02	12/07/24 17:41	1
2,4,5-Trichlorophenol	<0.143	U	0.572	0.143	ug/L		11/13/24 05:02	12/07/24 17:41	1
2,4,6-Trichlorophenol	<0.231	U	0.572	0.231	ug/L		11/13/24 05:02	12/07/24 17:41	1
2,4-Dichlorophenol	<0.140	U	0.572	0.140	ug/L		11/13/24 05:02	12/07/24 17:41	1
2,4-Dimethylphenol	<0.192	U *+	0.572	0.192	ug/L		11/13/24 05:02	12/07/24 17:41	1
1,4-Dioxane	<0.0891	U	0.572	0.0891	ug/L		11/13/24 05:02	12/07/24 17:41	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/13/24 05:02	12/07/24 17:41	1
2,4-Dinitrotoluene	<0.205	U	0.572	0.205	ug/L		11/13/24 05:02	12/07/24 17:41	1
2,6-Dinitrotoluene	<0.116	U	0.572	0.116	ug/L		11/13/24 05:02	12/07/24 17:41	1
2-Chloronaphthalene	<0.379	U	0.572	0.379	ug/L		11/13/24 05:02	12/07/24 17:41	1
2-Methylnaphthalene	<0.0603	U	0.572	0.0603	ug/L		11/13/24 05:02	12/07/24 17:41	1
2-Methylphenol	<0.105	U	0.572	0.105	ug/L		11/13/24 05:02	12/07/24 17:41	1
2-Nitroaniline	<0.149	U	0.572	0.149	ug/L		11/13/24 05:02	12/07/24 17:41	1
2-Nitrophenol	<0.136	U	0.572	0.136	ug/L		11/13/24 05:02	12/07/24 17:41	1
3 & 4 Methylphenol	<0.139	U	0.572	0.139	ug/L		11/13/24 05:02	12/07/24 17:41	1
3-Nitroaniline	<0.0854	U	0.572	0.0854	ug/L		11/13/24 05:02	12/07/24 17:41	1
4,6-Dinitro-2-methylphenol	<0.202	U	1.14	0.202	ug/L		11/13/24 05:02	12/07/24 17:41	1
4-Bromophenyl phenyl ether	<0.100	U	0.572	0.100	ug/L		11/13/24 05:02	12/07/24 17:41	1
4-Chloro-3-methylphenol	<0.104	U	0.572	0.104	ug/L		11/13/24 05:02	12/07/24 17:41	1
4-Chloroaniline	<0.0386	U	0.572	0.0386	ug/L		11/13/24 05:02	12/07/24 17:41	1
4-Chlorophenyl phenyl ether	<0.131	U	0.572	0.131	ug/L		11/13/24 05:02	12/07/24 17:41	1
4-Nitroaniline	<0.109	U	0.572	0.109	ug/L		11/13/24 05:02	12/07/24 17:41	1
Acenaphthene	<0.108	U	0.572	0.108	ug/L		11/13/24 05:02	12/07/24 17:41	1
Acenaphthylene	<0.0998	U	0.572	0.0998	ug/L		11/13/24 05:02	12/07/24 17:41	1
Aniline	<0.0580	U	0.572	0.0580	ug/L		11/13/24 05:02	12/07/24 17:41	1
Anthracene	<0.0939	U	0.572	0.0939	ug/L		11/13/24 05:02	12/07/24 17:41	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/13/24 05:02	12/07/24 17:41	1
Benzo[a]pyrene	<0.0300	U	0.0572	0.0300	ug/L		11/13/24 05:02	12/07/24 17:41	1
Benzo[b]fluoranthene	<0.0665	U	0.572	0.0665	ug/L		11/13/24 05:02	12/07/24 17:41	1
Benzo[g,h,i]perylene	<0.0346	U	0.572	0.0346	ug/L		11/13/24 05:02	12/07/24 17:41	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: MW-30-D
Date Collected: 11/07/24 10:46
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	<0.0473	U	0.572	0.0473	ug/L		11/13/24 05:02	12/07/24 17:41	1
Benzyl alcohol	<0.601	U *-	1.14	0.601	ug/L		11/13/24 05:02	12/07/24 17:41	1
Bis(2-chloroethoxy)methane	<0.0976	U	0.572	0.0976	ug/L		11/13/24 05:02	12/07/24 17:41	1
Bis(2-chloroethyl)ether	<0.215	U *+	0.572	0.215	ug/L		11/13/24 05:02	12/07/24 17:41	1
Bis(2-ethylhexyl) phthalate	<0.901	U	1.14	0.901	ug/L		11/13/24 05:02	12/07/24 17:41	1
Butyl benzyl phthalate	<0.501	U	1.14	0.501	ug/L		11/13/24 05:02	12/07/24 17:41	1
Chrysene	<0.0817	U	0.572	0.0817	ug/L		11/13/24 05:02	12/07/24 17:41	1
Dibenz(a,h)anthracene	<0.0510	U	0.114	0.0510	ug/L		11/13/24 05:02	12/07/24 17:41	1
Dibenzofuran	<0.107	U	0.572	0.107	ug/L		11/13/24 05:02	12/07/24 17:41	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/13/24 05:02	12/07/24 17:41	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/13/24 05:02	12/07/24 17:41	1
Di-n-butyl phthalate	<0.766	U	1.14	0.766	ug/L		11/13/24 05:02	12/07/24 17:41	1
Di-n-octyl phthalate	<0.270	U	1.14	0.270	ug/L		11/13/24 05:02	12/07/24 17:41	1
Fluoranthene	<0.0884	U	0.572	0.0884	ug/L		11/13/24 05:02	12/07/24 17:41	1
Fluorene	<0.0950	U	0.572	0.0950	ug/L		11/13/24 05:02	12/07/24 17:41	1
Hexachlorobenzene	<0.0976	U	0.572	0.0976	ug/L		11/13/24 05:02	12/07/24 17:41	1
Hexachlorobutadiene	<0.103	U	0.572	0.103	ug/L		11/13/24 05:02	12/07/24 17:41	1
Hexachlorocyclopentadiene	<0.0513	U	0.572	0.0513	ug/L		11/13/24 05:02	12/07/24 17:41	1
Hexachloroethane	<0.102	U	0.572	0.102	ug/L		11/13/24 05:02	12/07/24 17:41	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.572	0.100	ug/L		11/13/24 05:02	12/07/24 17:41	1
Isophorone	<0.107	U	0.572	0.107	ug/L		11/13/24 05:02	12/07/24 17:41	1
Naphthalene	**0.320**	**J**	0.572	0.0946	ug/L		11/13/24 05:02	12/07/24 17:41	1
Nitrobenzene	<0.0737	U	0.572	0.0737	ug/L		11/13/24 05:02	12/07/24 17:41	1
N-Nitrosodi-n-propylamine	<0.119	U	0.572	0.119	ug/L		11/13/24 05:02	12/07/24 17:41	1
N-Nitrosodiphenylamine	<0.145	U	0.572	0.145	ug/L		11/13/24 05:02	12/07/24 17:41	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/13/24 05:02	12/07/24 17:41	1
Phenanthrene	<0.134	U	0.572	0.134	ug/L		11/13/24 05:02	12/07/24 17:41	1
Phenol	<0.449	U	2.86	0.449	ug/L		11/13/24 05:02	12/07/24 17:41	1
Pyrene	<0.0850	U	0.572	0.0850	ug/L		11/13/24 05:02	12/07/24 17:41	1
Pyridine	<1.44	U *-	2.86	1.44	ug/L		11/13/24 05:02	12/07/24 17:41	1
N-Nitro-o-toluidine	<0.521	U	1.14	0.521	ug/L		11/13/24 05:02	12/07/24 17:41	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.572	0.211	ug/L		11/13/24 05:02	12/07/24 17:41	1
Acetophenone	<0.625	U	1.14	0.625	ug/L		11/13/24 05:02	12/07/24 17:41	1
N-Nitrosopiperidine	<0.468	U	1.14	0.468	ug/L		11/13/24 05:02	12/07/24 17:41	1
Pentachlorobenzene	<0.266	U	0.572	0.266	ug/L		11/13/24 05:02	12/07/24 17:41	1
4-Aminobiphenyl	<0.395	U	0.572	0.395	ug/L		11/13/24 05:02	12/07/24 17:41	1
1,2,4,5-Tetrachlorobenzene	<0.0959	U	0.572	0.0959	ug/L		11/13/24 05:02	12/07/24 17:41	1
1,3,5-Trinitrobenzene	<0.119	U	0.572	0.119	ug/L		11/13/24 05:02	12/07/24 17:41	1
1,3-Dinitrobenzene	<0.0774	U	0.572	0.0774	ug/L		11/13/24 05:02	12/07/24 17:41	1
1,4-Naphthoquinone	<0.315	U	0.572	0.315	ug/L		11/13/24 05:02	12/07/24 17:41	1
1-Naphthylamine	<0.149	U	0.572	0.149	ug/L		11/13/24 05:02	12/07/24 17:41	1
2,6-Dichlorophenol	<0.118	U	0.572	0.118	ug/L		11/13/24 05:02	12/07/24 17:41	1
2-Acetylaminofluorene	<1.27	U	2.86	1.27	ug/L		11/13/24 05:02	12/07/24 17:41	1
2-Chlorophenol	<0.0757	U	0.572	0.0757	ug/L		11/13/24 05:02	12/07/24 17:41	1
2-Naphthylamine	<0.288	U	0.572	0.288	ug/L		11/13/24 05:02	12/07/24 17:41	1
2-Picoline	<0.123	U	0.572	0.123	ug/L		11/13/24 05:02	12/07/24 17:41	1
2-Toluidine	<0.306	U	0.572	0.306	ug/L		11/13/24 05:02	12/07/24 17:41	1
3,3'-Dichlorobenzidine	<0.183	U	0.572	0.183	ug/L		11/13/24 05:02	12/07/24 17:41	1
3,3'-Dimethylbenzidine	<0.142	U	0.572	0.142	ug/L		11/13/24 05:02	12/07/24 17:41	1

Client Sample ID: MW-30-D
Lab Sample ID: 860-86677-6
Date Collected: 11/07/24 10:46
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylcholanthrene	<0.104	U	0.572	0.104	ug/L		11/13/24 05:02	12/07/24 17:41	1
4-Nitroquinoline-1-oxide	<0.731	U	1.14	0.731	ug/L		11/13/24 05:02	12/07/24 17:41	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.572	0.241	ug/L		11/13/24 05:02	12/07/24 17:41	1
alpha,alpha-Dimethyl phenethylamine	<3.68	U	5.72	3.68	ug/L		11/13/24 05:02	12/07/24 17:41	1
Aramite Peak 1	<0.0786	U	0.572	0.0786	ug/L		11/13/24 05:02	12/07/24 17:41	1
Aramite Peak 2	<0.0955	U	0.572	0.0955	ug/L		11/13/24 05:02	12/07/24 17:41	1
Aramite, Total	<0.0955	U	0.572	0.0955	ug/L		11/13/24 05:02	12/07/24 17:41	1
Diallate	<0.0836	U	0.572	0.0836	ug/L		11/13/24 05:02	12/07/24 17:41	1
Diallate Peak 1	<0.0836	U	0.572	0.0836	ug/L		11/13/24 05:02	12/07/24 17:41	1
Diallate Peak 2	<0.0386	U	0.572	0.0386	ug/L		11/13/24 05:02	12/07/24 17:41	1
Dimethoate	<0.122	U *+	0.572	0.122	ug/L		11/13/24 05:02	12/07/24 17:41	1
Dinoseb	<0.570	U *+	2.86	0.570	ug/L		11/13/24 05:02	12/07/24 17:41	1
Disulfoton	<0.203	U *+	0.572	0.203	ug/L		11/13/24 05:02	12/07/24 17:41	1
Ethyl methanesulfonate	<0.227	U	0.572	0.227	ug/L		11/13/24 05:02	12/07/24 17:41	1
Ethyl Parathion	<0.0503	U *+	0.229	0.0503	ug/L		11/13/24 05:02	12/07/24 17:41	1
Famphur	<0.151	U *+	1.14	0.151	ug/L		11/13/24 05:02	12/07/24 17:41	1
Hexachloropropene	<0.300	U *-	0.572	0.300	ug/L		11/13/24 05:02	12/07/24 17:41	1
Isosafrole	<0.241	U	0.572	0.241	ug/L		11/13/24 05:02	12/07/24 17:41	1
Isosafrole Peak 1	<0.0464	U	0.572	0.0464	ug/L		11/13/24 05:02	12/07/24 17:41	1
Isosafrole Peak 2	<0.241	U	0.572	0.241	ug/L		11/13/24 05:02	12/07/24 17:41	1
Methapyrilene	<1.00	U *+	2.29	1.00	ug/L		11/13/24 05:02	12/07/24 17:41	1
Methyl methanesulfonate	<0.120	U	0.572	0.120	ug/L		11/13/24 05:02	12/07/24 17:41	1
Methyl parathion	<0.320	U *+	0.572	0.320	ug/L		11/13/24 05:02	12/07/24 17:41	1
N-Nitrosodiethylamine	<0.539	U	1.14	0.539	ug/L		11/13/24 05:02	12/07/24 17:41	1
N-Nitrosodimethylamine	<0.100	U *-	0.572	0.100	ug/L		11/13/24 05:02	12/07/24 17:41	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/13/24 05:02	12/07/24 17:41	1
N-Nitrosomethylethylamine	<0.294	U	0.572	0.294	ug/L		11/13/24 05:02	12/07/24 17:41	1
N-Nitrosomorpholine	<0.221	U	0.572	0.221	ug/L		11/13/24 05:02	12/07/24 17:41	1
N-Nitrosopyrrolidine	<0.268	U *-	0.572	0.268	ug/L		11/13/24 05:02	12/07/24 17:41	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.572	0.138	ug/L		11/13/24 05:02	12/07/24 17:41	1
p-Dimethylamino azobenzene	<0.0238	U	0.572	0.0238	ug/L		11/13/24 05:02	12/07/24 17:41	1
Pentachloronitrobenzene	<0.100	U	0.572	0.100	ug/L		11/13/24 05:02	12/07/24 17:41	1
Phenacetin	<0.100	U	0.572	0.100	ug/L		11/13/24 05:02	12/07/24 17:41	1
Phorate	<0.222	U *+	0.572	0.222	ug/L		11/13/24 05:02	12/07/24 17:41	1
p-Phenylene diamine	<0.501	U *-	1.14	0.501	ug/L		11/13/24 05:02	12/07/24 17:41	1
Pronamide	<0.100	U *+	0.572	0.100	ug/L		11/13/24 05:02	12/07/24 17:41	1
Safrole, Total	<0.0572	U	0.572	0.0572	ug/L		11/13/24 05:02	12/07/24 17:41	1
Sulfotepp	<0.147	U *+	0.572	0.147	ug/L		11/13/24 05:02	12/07/24 17:41	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/13/24 05:02	12/07/24 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*99*		*35 - 130*	*11/13/24 05:02*	*12/07/24 17:41*	*1*
2-Fluorobiphenyl	*88*		*43 - 130*	*11/13/24 05:02*	*12/07/24 17:41*	*1*
2-Fluorophenol (Surr)	*77*		*19 - 120*	*11/13/24 05:02*	*12/07/24 17:41*	*1*
Nitrobenzene-d5 (Surr)	*116*		*37 - 133*	*11/13/24 05:02*	*12/07/24 17:41*	*1*
Phenol-d5 (Surr)	*50*		*8 - 124*	*11/13/24 05:02*	*12/07/24 17:41*	*1*
p-Terphenyl-d14	*109*		*47 - 130*	*11/13/24 05:02*	*12/07/24 17:41*	*1*

Client Sample ID: MW-30-D

Lab Sample ID: 860-86677-6

Date Collected: 11/07/24 10:46

Matrix: Water

Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	168		11.4	1.82	ug/L		11/13/24 05:02	12/10/24 04:03	20
1,1'-Biphenyl	42.7		11.4	1.97	ug/L		11/13/24 05:02	12/10/24 04:03	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*	*I*	*35 - 130*	*11/13/24 05:02*	*12/10/24 04:03*	*20*
2-Fluorobiphenyl	*106*		*43 - 130*	*11/13/24 05:02*	*12/10/24 04:03*	*20*
2-Fluorophenol (Surr)	*82*		*19 - 120*	*11/13/24 05:02*	*12/10/24 04:03*	*20*
Nitrobenzene-d5 (Surr)	*110*		*37 - 133*	*11/13/24 05:02*	*12/10/24 04:03*	*20*
Phenol-d5 (Surr)	*82*		*8 - 124*	*11/13/24 05:02*	*12/10/24 04:03*	*20*
p-Terphenyl-d14	*155*	*S1+*	*47 - 130*	*11/13/24 05:02*	*12/10/24 04:03*	*20*

Client Sample ID: MW-29-S

Lab Sample ID: 860-86677-7

Date Collected: 11/07/24 11:20

Matrix: Water

Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<32.2	U	50.0	32.2	ug/L			11/13/24 19:59	50
1,1,1-Trichloroethane	<29.3	U	250	29.3	ug/L			11/13/24 19:59	50
1,1,2,2-Tetrachloroethane	<23.5	U	50.0	23.5	ug/L			11/13/24 19:59	50
1,1,2-Trichloro-1,2,2-trifluoroethane	<55.5	U	500	55.5	ug/L			11/13/24 19:59	50
1,1,2-Trichloroethane	<20.6	U	50.0	20.6	ug/L			11/13/24 19:59	50
1,1-Dichloroethane	<31.8	U	50.0	31.8	ug/L			11/13/24 19:59	50
1,1-Dichloroethene	<36.9	U	50.0	36.9	ug/L			11/13/24 19:59	50
1,2,3-Trichloropropane	<23.5	U	50.0	23.5	ug/L			11/13/24 19:59	50
1,2,4-Trimethylbenzene	<20.9	U	50.0	20.9	ug/L			11/13/24 19:59	50
1,2-Dibromo-3-Chloropropane	<33.6	U	250	33.6	ug/L			11/13/24 19:59	50
1,2-Dibromoethane	<50.0	U	250	50.0	ug/L			11/13/24 19:59	50
1,2-Dichloroethane	<18.6	U	50.0	18.6	ug/L			11/13/24 19:59	50
1,2-Dichloropropane	<27.8	U	250	27.8	ug/L			11/13/24 19:59	50
1,3,5-Trimethylbenzene	<20.6	U	50.0	20.6	ug/L			11/13/24 19:59	50
1,3-Butadiene	<28.4	U	50.0	28.4	ug/L			11/13/24 19:59	50
2,2,4-Trimethylpentane	<25.0	U	250	25.0	ug/L			11/13/24 19:59	50
2-Butanone (MEK)	<414	U	2500	414	ug/L			11/13/24 19:59	50
2-Hexanone (MBK)	<250	U	2500	250	ug/L			11/13/24 19:59	50
2-Propanol	<261	U	500	261	ug/L			11/13/24 19:59	50
3-Chloropropene (Allyl Chloride)	<29.9	U	250	29.9	ug/L			11/13/24 19:59	50
4-Methyl-2-pentanone	<250	U	2500	250	ug/L			11/13/24 19:59	50
Acetone	<153	U	5000	153	ug/L			11/13/24 19:59	50
Acetonitrile	<730	U	5000	730	ug/L			11/13/24 19:59	50
Acrolein	<556	U	2500	556	ug/L			11/13/24 19:59	50
Acrylonitrile	<716	U	2500	716	ug/L			11/13/24 19:59	50
alpha-Chlorotoluene	<113	U	250	113	ug/L			11/13/24 19:59	50
Benzene	<23.0	U	50.0	23.0	ug/L			11/13/24 19:59	50
Bromodichloromethane	<27.6	U	50.0	27.6	ug/L			11/13/24 19:59	50
Bromoform	<31.7	U	250	31.7	ug/L			11/13/24 19:59	50
Bromomethane	<71.0	U	250	71.0	ug/L			11/13/24 19:59	50
Carbon disulfide	<82.5	U	250	82.5	ug/L			11/13/24 19:59	50
Chlorobenzene	<22.8	U	50.0	22.8	ug/L			11/13/24 19:59	50
Chlorodibromomethane	<27.4	U	250	27.4	ug/L			11/13/24 19:59	50

Client Sample ID: MW-29-S
Date Collected: 11/07/24 11:20
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	<99.2	U	500	99.2	ug/L			11/13/24 19:59	50
Chloroform	**109**		50.0	23.2	ug/L			11/13/24 19:59	50
Chloromethane	<102	U	500	102	ug/L			11/13/24 19:59	50
Chloroprene	<29.9	U	250	29.9	ug/L			11/13/24 19:59	50
cis-1,2-Dichloroethene	<22.9	U	50.0	22.9	ug/L			11/13/24 19:59	50
cis-1,3-Dichloropropene	<53.4	U	250	53.4	ug/L			11/13/24 19:59	50
Cumene (isopropylbenzene)	<29.6	U	50.0	29.6	ug/L			11/13/24 19:59	50
Cyclohexane	<64.3	U	250	64.3	ug/L			11/13/24 19:59	50
Dibromomethane	<17.9	U	50.0	17.9	ug/L			11/13/24 19:59	50
Dichlorodifluoromethane	<39.3	U	50.0	39.3	ug/L			11/13/24 19:59	50
Ethyl methacrylate	<55.9	U	250	55.9	ug/L			11/13/24 19:59	50
Ethylbenzene	<19.3	U	50.0	19.3	ug/L			11/13/24 19:59	50
Hexane	<25.9	U	250	25.9	ug/L			11/13/24 19:59	50
Iodomethane	<250	U	1000	250	ug/L			11/13/24 19:59	50
Isobutanol	<855	U	2500	855	ug/L			11/13/24 19:59	50
Methacrylonitrile	<136	U	500	136	ug/L			11/13/24 19:59	50
Methyl methacrylate	<113	U	500	113	ug/L			11/13/24 19:59	50
Methyl tert-butyl ether	<69.6	U	250	69.6	ug/L			11/13/24 19:59	50
Methylene Chloride	<86.3	U	250	86.3	ug/L			11/13/24 19:59	50
Propionitrile	<167	U	500	167	ug/L			11/13/24 19:59	50
Propylbenzene	<21.5	U	50.0	21.5	ug/L			11/13/24 19:59	50
Styrene	<31.0	U	50.0	31.0	ug/L			11/13/24 19:59	50
Tetrachloroethene	<32.8	U	50.0	32.8	ug/L			11/13/24 19:59	50
Tetrahydrofuran	<91.7	U	500	91.7	ug/L			11/13/24 19:59	50
Toluene	<23.8	U	50.0	23.8	ug/L			11/13/24 19:59	50
trans-1,2-Dichloroethene	<18.4	U	50.0	18.4	ug/L			11/13/24 19:59	50
trans-1,3-Dichloropropene	<63.4	U	250	63.4	ug/L			11/13/24 19:59	50
trans-1,4-Dichloro-2-butene	<67.5	U	500	67.5	ug/L			11/13/24 19:59	50
Trichloroethene	<75.0	U	250	75.0	ug/L			11/13/24 19:59	50
Trichlorofluoromethane	<28.0	U	50.0	28.0	ug/L			11/13/24 19:59	50
Vinyl acetate	<107	U	1000	107	ug/L			11/13/24 19:59	50
Vinyl chloride	<21.4	U	100	21.4	ug/L			11/13/24 19:59	50
Xylenes, Total	<62.0	U	500	62.0	ug/L			11/13/24 19:59	50
m,p-Xylenes	<0.0620	U	0.500	0.0620	mg/L			11/13/24 19:59	50
o-Xylene	<0.0251	U	0.0500	0.0251	mg/L			11/13/24 19:59	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*63 - 144*		*11/13/24 19:59*	*50*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*11/13/24 19:59*	*50*
Dibromofluoromethane (Surr)	*105*		*75 - 131*		*11/13/24 19:59*	*50*
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/13/24 19:59*	*50*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	**7740**		1000	179	ug/L			11/14/24 11:54	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*63 - 144*		*11/14/24 11:54*	*200*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*11/14/24 11:54*	*200*
Dibromofluoromethane (Surr)	*107*		*75 - 131*		*11/14/24 11:54*	*200*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: MW-29-S

Date Collected: 11/07/24 11:20
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-7

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/14/24 11:54*	*200*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0761	U	0.567	0.0761	ug/L		11/13/24 05:02	12/07/24 18:12	1
1,2-Dichlorobenzene	<0.0934	U	0.567	0.0934	ug/L		11/13/24 05:02	12/07/24 18:12	1
1,3-Dichlorobenzene	<0.101	U	0.567	0.101	ug/L		11/13/24 05:02	12/07/24 18:12	1
1,4-Dichlorobenzene	<0.0774	U	0.567	0.0774	ug/L		11/13/24 05:02	12/07/24 18:12	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.84	1.42	ug/L		11/13/24 05:02	12/07/24 18:12	1
2,4,5-Trichlorophenol	<0.142	U	0.567	0.142	ug/L		11/13/24 05:02	12/07/24 18:12	1
2,4,6-Trichlorophenol	<0.229	U	0.567	0.229	ug/L		11/13/24 05:02	12/07/24 18:12	1
2,4-Dichlorophenol	<0.139	U	0.567	0.139	ug/L		11/13/24 05:02	12/07/24 18:12	1
2,4-Dimethylphenol	<0.191	U *+	0.567	0.191	ug/L		11/13/24 05:02	12/07/24 18:12	1
1,4-Dioxane	<0.0884	U	0.567	0.0884	ug/L		11/13/24 05:02	12/07/24 18:12	1
2,4-Dinitrophenol	<0.103	U	2.84	0.103	ug/L		11/13/24 05:02	12/07/24 18:12	1
2,4-Dinitrotoluene	<0.203	U	0.567	0.203	ug/L		11/13/24 05:02	12/07/24 18:12	1
2,6-Dinitrotoluene	<0.115	U	0.567	0.115	ug/L		11/13/24 05:02	12/07/24 18:12	1
2-Chloronaphthalene	<0.376	U	0.567	0.376	ug/L		11/13/24 05:02	12/07/24 18:12	1
2-Methylnaphthalene	<0.0598	U	0.567	0.0598	ug/L		11/13/24 05:02	12/07/24 18:12	1
2-Methylphenol	<0.104	U	0.567	0.104	ug/L		11/13/24 05:02	12/07/24 18:12	1
2-Nitroaniline	<0.148	U	0.567	0.148	ug/L		11/13/24 05:02	12/07/24 18:12	1
2-Nitrophenol	<0.135	U	0.567	0.135	ug/L		11/13/24 05:02	12/07/24 18:12	1
3 & 4 Methylphenol	<0.138	U	0.567	0.138	ug/L		11/13/24 05:02	12/07/24 18:12	1
3-Nitroaniline	<0.0846	U	0.567	0.0846	ug/L		11/13/24 05:02	12/07/24 18:12	1
4,6-Dinitro-2-methylphenol	<0.200	U	1.13	0.200	ug/L		11/13/24 05:02	12/07/24 18:12	1
4-Bromophenyl phenyl ether	<0.0996	U	0.567	0.0996	ug/L		11/13/24 05:02	12/07/24 18:12	1
4-Chloro-3-methylphenol	<0.103	U	0.567	0.103	ug/L		11/13/24 05:02	12/07/24 18:12	1
4-Chloroaniline	<0.0383	U	0.567	0.0383	ug/L		11/13/24 05:02	12/07/24 18:12	1
4-Chlorophenyl phenyl ether	<0.129	U	0.567	0.129	ug/L		11/13/24 05:02	12/07/24 18:12	1
4-Nitroaniline	<0.108	U	0.567	0.108	ug/L		11/13/24 05:02	12/07/24 18:12	1
Acenaphthene	<0.107	U	0.567	0.107	ug/L		11/13/24 05:02	12/07/24 18:12	1
Acenaphthylene	<0.0989	U	0.567	0.0989	ug/L		11/13/24 05:02	12/07/24 18:12	1
Aniline	<0.0575	U	0.567	0.0575	ug/L		11/13/24 05:02	12/07/24 18:12	1
Anthracene	<0.0931	U	0.567	0.0931	ug/L		11/13/24 05:02	12/07/24 18:12	1
Benzo[a]anthracene	<0.0284	U	0.0284	0.0284	ug/L		11/13/24 05:02	12/07/24 18:12	1
Benzo[a]pyrene	<0.0298	U	0.0567	0.0298	ug/L		11/13/24 05:02	12/07/24 18:12	1
Benzo[b]fluoranthene	<0.0659	U	0.567	0.0659	ug/L		11/13/24 05:02	12/07/24 18:12	1
Benzo[g,h,i]perylene	<0.0343	U	0.567	0.0343	ug/L		11/13/24 05:02	12/07/24 18:12	1
Benzo[k]fluoranthene	<0.0469	U	0.567	0.0469	ug/L		11/13/24 05:02	12/07/24 18:12	1
Benzyl alcohol	<0.596	U *-	1.13	0.596	ug/L		11/13/24 05:02	12/07/24 18:12	1
Bis(2-chloroethoxy)methane	<0.0967	U	0.567	0.0967	ug/L		11/13/24 05:02	12/07/24 18:12	1
Bis(2-chloroethyl)ether	<0.213	U *+	0.567	0.213	ug/L		11/13/24 05:02	12/07/24 18:12	1
Bis(2-ethylhexyl) phthalate	<0.894	U	1.13	0.894	ug/L		11/13/24 05:02	12/07/24 18:12	1
Butyl benzyl phthalate	<0.496	U	1.13	0.496	ug/L		11/13/24 05:02	12/07/24 18:12	1
Chrysene	<0.0810	U	0.567	0.0810	ug/L		11/13/24 05:02	12/07/24 18:12	1
Dibenz(a,h)anthracene	<0.0505	U	0.113	0.0505	ug/L		11/13/24 05:02	12/07/24 18:12	1
Dibenzofuran	<0.106	U	0.567	0.106	ug/L		11/13/24 05:02	12/07/24 18:12	1
Diethyl phthalate	<0.154	U	1.13	0.154	ug/L		11/13/24 05:02	12/07/24 18:12	1
Dimethyl phthalate	<0.107	U *+	1.13	0.107	ug/L		11/13/24 05:02	12/07/24 18:12	1

Client: Ashland LLC
Job ID: 860-86677-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: MW-29-S
Lab Sample ID: 860-86677-7
Date Collected: 11/07/24 11:20
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	<0.760	U	1.13	0.760	ug/L		11/13/24 05:02	12/07/24 18:12	1
Di-n-octyl phthalate	<0.267	U	1.13	0.267	ug/L		11/13/24 05:02	12/07/24 18:12	1
Fluoranthene	<0.0877	U	0.567	0.0877	ug/L		11/13/24 05:02	12/07/24 18:12	1
Fluorene	<0.0941	U	0.567	0.0941	ug/L		11/13/24 05:02	12/07/24 18:12	1
Hexachlorobenzene	<0.0968	U	0.567	0.0968	ug/L		11/13/24 05:02	12/07/24 18:12	1
Hexachlorobutadiene	<0.102	U	0.567	0.102	ug/L		11/13/24 05:02	12/07/24 18:12	1
Hexachlorocyclopentadiene	<0.0508	U	0.567	0.0508	ug/L		11/13/24 05:02	12/07/24 18:12	1
Hexachloroethane	<0.101	U	0.567	0.101	ug/L		11/13/24 05:02	12/07/24 18:12	1
Indeno[1,2,3-cd]pyrene	<0.0993	U	0.567	0.0993	ug/L		11/13/24 05:02	12/07/24 18:12	1
Isophorone	<0.106	U	0.567	0.106	ug/L		11/13/24 05:02	12/07/24 18:12	1
Naphthalene	<0.0938	U	0.567	0.0938	ug/L		11/13/24 05:02	12/07/24 18:12	1
Nitrobenzene	<0.0731	U	0.567	0.0731	ug/L		11/13/24 05:02	12/07/24 18:12	1
N-Nitrosodi-n-propylamine	<0.118	U	0.567	0.118	ug/L		11/13/24 05:02	12/07/24 18:12	1
N-Nitrosodiphenylamine	<0.144	U	0.567	0.144	ug/L		11/13/24 05:02	12/07/24 18:12	1
Pentachlorophenol	<1.03	U	1.13	1.03	ug/L		11/13/24 05:02	12/07/24 18:12	1
Phenanthrene	<0.133	U	0.567	0.133	ug/L		11/13/24 05:02	12/07/24 18:12	1
Phenol	<0.445	U	2.84	0.445	ug/L		11/13/24 05:02	12/07/24 18:12	1
Pyrene	<0.0843	U	0.567	0.0843	ug/L		11/13/24 05:02	12/07/24 18:12	1
Pyridine	<1.43	U *-	2.84	1.43	ug/L		11/13/24 05:02	12/07/24 18:12	1
N-Nitro-o-toluidine	<0.516	U	1.13	0.516	ug/L		11/13/24 05:02	12/07/24 18:12	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.567	0.209	ug/L		11/13/24 05:02	12/07/24 18:12	1
Acetophenone	<0.619	U	1.13	0.619	ug/L		11/13/24 05:02	12/07/24 18:12	1
N-Nitrosopiperidine	<0.464	U	1.13	0.464	ug/L		11/13/24 05:02	12/07/24 18:12	1
Pentachlorobenzene	<0.264	U	0.567	0.264	ug/L		11/13/24 05:02	12/07/24 18:12	1
Diphenyl ether	**0.509**	**J**	0.567	0.0903	ug/L		11/13/24 05:02	12/07/24 18:12	1
1,1'-Biphenyl	**0.114**	**J**	0.567	0.0974	ug/L		11/13/24 05:02	12/07/24 18:12	1
4-Aminobiphenyl	<0.391	U	0.567	0.391	ug/L		11/13/24 05:02	12/07/24 18:12	1
1,2,4,5-Tetrachlorobenzene	<0.0951	U	0.567	0.0951	ug/L		11/13/24 05:02	12/07/24 18:12	1
1,3,5-Trinitrobenzene	<0.118	U	0.567	0.118	ug/L		11/13/24 05:02	12/07/24 18:12	1
1,3-Dinitrobenzene	<0.0767	U	0.567	0.0767	ug/L		11/13/24 05:02	12/07/24 18:12	1
1,4-Naphthoquinone	<0.312	U	0.567	0.312	ug/L		11/13/24 05:02	12/07/24 18:12	1
1-Naphthylamine	<0.148	U	0.567	0.148	ug/L		11/13/24 05:02	12/07/24 18:12	1
2,6-Dichlorophenol	<0.117	U	0.567	0.117	ug/L		11/13/24 05:02	12/07/24 18:12	1
2-Acetylaminofluorene	<1.26	U	2.84	1.26	ug/L		11/13/24 05:02	12/07/24 18:12	1
2-Chlorophenol	<0.0751	U	0.567	0.0751	ug/L		11/13/24 05:02	12/07/24 18:12	1
2-Naphthylamine	<0.286	U	0.567	0.286	ug/L		11/13/24 05:02	12/07/24 18:12	1
2-Picoline	<0.122	U	0.567	0.122	ug/L		11/13/24 05:02	12/07/24 18:12	1
2-Toluidine	<0.304	U	0.567	0.304	ug/L		11/13/24 05:02	12/07/24 18:12	1
3,3'-Dichlorobenzidine	<0.182	U	0.567	0.182	ug/L		11/13/24 05:02	12/07/24 18:12	1
3,3'-Dimethylbenzidine	<0.141	U	0.567	0.141	ug/L		11/13/24 05:02	12/07/24 18:12	1
3-Methylcholanthrene	<0.104	U	0.567	0.104	ug/L		11/13/24 05:02	12/07/24 18:12	1
4-Nitroquinoline-1-oxide	<0.725	U	1.13	0.725	ug/L		11/13/24 05:02	12/07/24 18:12	1
7,12-Dimethylbenz(a)anthracene	<0.239	U	0.567	0.239	ug/L		11/13/24 05:02	12/07/24 18:12	1
alpha,alpha-Dimethyl phenethylamine	<3.64	U	5.67	3.64	ug/L		11/13/24 05:02	12/07/24 18:12	1
Aramite Peak 1	<0.0780	U	0.567	0.0780	ug/L		11/13/24 05:02	12/07/24 18:12	1
Aramite Peak 2	<0.0947	U	0.567	0.0947	ug/L		11/13/24 05:02	12/07/24 18:12	1
Aramite, Total	<0.0947	U	0.567	0.0947	ug/L		11/13/24 05:02	12/07/24 18:12	1
Diallate	<0.0829	U	0.567	0.0829	ug/L		11/13/24 05:02	12/07/24 18:12	1
Diallate Peak 1	<0.0829	U	0.567	0.0829	ug/L		11/13/24 05:02	12/07/24 18:12	1

Client Sample ID: MW-29-S
Lab Sample ID: 860-86677-7

Date Collected: 11/07/24 11:20
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diallate Peak 2	<0.0383	U	0.567	0.0383	ug/L		11/13/24 05:02	12/07/24 18:12	1
Dimethoate	<0.121	U *+	0.567	0.121	ug/L		11/13/24 05:02	12/07/24 18:12	1
Dinoseb	<0.566	U *+	2.84	0.566	ug/L		11/13/24 05:02	12/07/24 18:12	1
Disulfoton	<0.201	U *+	0.567	0.201	ug/L		11/13/24 05:02	12/07/24 18:12	1
Ethyl methanesulfonate	<0.225	U	0.567	0.225	ug/L		11/13/24 05:02	12/07/24 18:12	1
Ethyl Parathion	<0.0498	U *+	0.227	0.0498	ug/L		11/13/24 05:02	12/07/24 18:12	1
Famphur	<0.150	U *+	1.13	0.150	ug/L		11/13/24 05:02	12/07/24 18:12	1
Hexachloropropene	<0.298	U *-	0.567	0.298	ug/L		11/13/24 05:02	12/07/24 18:12	1
Isosafrole	<0.239	U	0.567	0.239	ug/L		11/13/24 05:02	12/07/24 18:12	1
Isosafrole Peak 1	<0.0460	U	0.567	0.0460	ug/L		11/13/24 05:02	12/07/24 18:12	1
Isosafrole Peak 2	<0.239	U	0.567	0.239	ug/L		11/13/24 05:02	12/07/24 18:12	1
Methapyrilene	<0.993	U *+	2.27	0.993	ug/L		11/13/24 05:02	12/07/24 18:12	1
Methyl methanesulfonate	<0.119	U	0.567	0.119	ug/L		11/13/24 05:02	12/07/24 18:12	1
Methyl parathion	<0.317	U *+	0.567	0.317	ug/L		11/13/24 05:02	12/07/24 18:12	1
N-Nitrosodiethylamine	<0.535	U	1.13	0.535	ug/L		11/13/24 05:02	12/07/24 18:12	1
N-Nitrosodimethylamine	<0.0993	U *-	0.567	0.0993	ug/L		11/13/24 05:02	12/07/24 18:12	1
N-Nitrosodi-n-butylamine	<0.512	U	1.13	0.512	ug/L		11/13/24 05:02	12/07/24 18:12	1
N-Nitrosomethylethylamine	<0.292	U	0.567	0.292	ug/L		11/13/24 05:02	12/07/24 18:12	1
N-Nitrosomorpholine	<0.219	U	0.567	0.219	ug/L		11/13/24 05:02	12/07/24 18:12	1
N-Nitrosopyrrolidine	<0.266	U *-	0.567	0.266	ug/L		11/13/24 05:02	12/07/24 18:12	1
o,o',o''-Triethylphosphorothioate	<0.137	U *+	0.567	0.137	ug/L		11/13/24 05:02	12/07/24 18:12	1
p-Dimethylamino azobenzene	<0.0236	U	0.567	0.0236	ug/L		11/13/24 05:02	12/07/24 18:12	1
Pentachloronitrobenzene	<0.0993	U	0.567	0.0993	ug/L		11/13/24 05:02	12/07/24 18:12	1
Phenacetin	<0.0993	U	0.567	0.0993	ug/L		11/13/24 05:02	12/07/24 18:12	1
Phorate	<0.220	U *+	0.567	0.220	ug/L		11/13/24 05:02	12/07/24 18:12	1
p-Phenylene diamine	<0.496	U *-	1.13	0.496	ug/L		11/13/24 05:02	12/07/24 18:12	1
Pronamide	<0.0993	U *+	0.567	0.0993	ug/L		11/13/24 05:02	12/07/24 18:12	1
Safrole, Total	<0.0567	U	0.567	0.0567	ug/L		11/13/24 05:02	12/07/24 18:12	1
Sulfotepp	<0.146	U *+	0.567	0.146	ug/L		11/13/24 05:02	12/07/24 18:12	1
Thionazin	<0.207	U *+	1.13	0.207	ug/L		11/13/24 05:02	12/07/24 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*35 - 130*	*11/13/24 05:02*	*12/07/24 18:12*	*1*
2-Fluorobiphenyl	*86*		*43 - 130*	*11/13/24 05:02*	*12/07/24 18:12*	*1*
2-Fluorophenol (Surr)	*88*		*19 - 120*	*11/13/24 05:02*	*12/07/24 18:12*	*1*
Nitrobenzene-d5 (Surr)	*111*		*37 - 133*	*11/13/24 05:02*	*12/07/24 18:12*	*1*
Phenol-d5 (Surr)	*59*		*8 - 124*	*11/13/24 05:02*	*12/07/24 18:12*	*1*
p-Terphenyl-d14	*94*		*47 - 130*	*11/13/24 05:02*	*12/07/24 18:12*	*1*

Client Sample ID: MW-26-D
Lab Sample ID: 860-86677-8

Date Collected: 11/07/24 13:28
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<644	U	1000	644	ug/L			11/13/24 20:18	1000
1,1,1-Trichloroethane	<585	U	5000	585	ug/L			11/13/24 20:18	1000
1,1,2,2-Tetrachloroethane	<470	U	1000	470	ug/L			11/13/24 20:18	1000
1,1,2-Trichloro-1,2,2-trifluoroethane	<1110	U	10000	1110	ug/L			11/13/24 20:18	1000
1,1,2-Trichloroethane	<411	U	1000	411	ug/L			11/13/24 20:18	1000

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: MW-26-D
Date Collected: 11/07/24 13:28
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<635	U	1000	635	ug/L			11/13/24 20:18	1000
1,1-Dichloroethene	<738	U	1000	738	ug/L			11/13/24 20:18	1000
1,2,3-Trichloropropane	<470	U	1000	470	ug/L			11/13/24 20:18	1000
1,2,4-Trimethylbenzene	<417	U	1000	417	ug/L			11/13/24 20:18	1000
1,2-Dibromo-3-Chloropropane	<671	U	5000	671	ug/L			11/13/24 20:18	1000
1,2-Dibromoethane	<999	U	5000	999	ug/L			11/13/24 20:18	1000
1,2-Dichloroethane	<372	U	1000	372	ug/L			11/13/24 20:18	1000
1,2-Dichloropropane	<556	U	5000	556	ug/L			11/13/24 20:18	1000
1,3,5-Trimethylbenzene	<411	U	1000	411	ug/L			11/13/24 20:18	1000
1,3-Butadiene	<568	U	1000	568	ug/L			11/13/24 20:18	1000
2,2,4-Trimethylpentane	<500	U	5000	500	ug/L			11/13/24 20:18	1000
2-Butanone (MEK)	<8280	U	50000	8280	ug/L			11/13/24 20:18	1000
2-Hexanone (MBK)	<5000	U	50000	5000	ug/L			11/13/24 20:18	1000
2-Propanol	<5230	U	10000	5230	ug/L			11/13/24 20:18	1000
3-Chloropropene (Allyl Chloride)	<597	U	5000	597	ug/L			11/13/24 20:18	1000
4-Methyl-2-pentanone	<5000	U	50000	5000	ug/L			11/13/24 20:18	1000
Acetone	<3070	U	100000	3070	ug/L			11/13/24 20:18	1000
Acetonitrile	<14600	U	100000	14600	ug/L			11/13/24 20:18	1000
Acrolein	<11100	U	50000	11100	ug/L			11/13/24 20:18	1000
Acrylonitrile	<14300	U	50000	14300	ug/L			11/13/24 20:18	1000
alpha-Chlorotoluene	<2260	U	5000	2260	ug/L			11/13/24 20:18	1000
Benzene	**1080**		1000	460	ug/L			11/13/24 20:18	1000
Bromodichloromethane	<552	U	1000	552	ug/L			11/13/24 20:18	1000
Bromoform	<633	U	5000	633	ug/L			11/13/24 20:18	1000
Bromomethane	<1420	U	5000	1420	ug/L			11/13/24 20:18	1000
Carbon disulfide	<1650	U	5000	1650	ug/L			11/13/24 20:18	1000
Carbon tetrachloride	**125000**		5000	896	ug/L			11/13/24 20:18	1000
Chlorobenzene	<455	U	1000	455	ug/L			11/13/24 20:18	1000
Chlorodibromomethane	<547	U	5000	547	ug/L			11/13/24 20:18	1000
Chloroethane	<1980	U	10000	1980	ug/L			11/13/24 20:18	1000
Chloroform	**6750**		1000	464	ug/L			11/13/24 20:18	1000
Chloromethane	<2040	U	10000	2040	ug/L			11/13/24 20:18	1000
Chloroprene	<598	U	5000	598	ug/L			11/13/24 20:18	1000
cis-1,2-Dichloroethene	<457	U	1000	457	ug/L			11/13/24 20:18	1000
cis-1,3-Dichloropropene	<1070	U	5000	1070	ug/L			11/13/24 20:18	1000
Cumene (isopropylbenzene)	<592	U	1000	592	ug/L			11/13/24 20:18	1000
Cyclohexane	<1290	U	5000	1290	ug/L			11/13/24 20:18	1000
Dibromomethane	<357	U	1000	357	ug/L			11/13/24 20:18	1000
Dichlorodifluoromethane	<785	U	1000	785	ug/L			11/13/24 20:18	1000
Ethyl methacrylate	<1120	U	5000	1120	ug/L			11/13/24 20:18	1000
Ethylbenzene	<385	U	1000	385	ug/L			11/13/24 20:18	1000
Hexane	<517	U	5000	517	ug/L			11/13/24 20:18	1000
Iodomethane	<5000	U	20000	5000	ug/L			11/13/24 20:18	1000
Isobutanol	<17100	U	50000	17100	ug/L			11/13/24 20:18	1000
Methacrylonitrile	<2720	U	10000	2720	ug/L			11/13/24 20:18	1000
Methyl methacrylate	<2250	U	10000	2250	ug/L			11/13/24 20:18	1000
Methyl tert-butyl ether	<1390	U	5000	1390	ug/L			11/13/24 20:18	1000
Methylene Chloride	<1730	U	5000	1730	ug/L			11/13/24 20:18	1000
Propionitrile	<3340	U	10000	3340	ug/L			11/13/24 20:18	1000

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: MW-26-D

Date Collected: 11/07/24 13:28
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-8

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Propylbenzene	<429	U	1000	429	ug/L			11/13/24 20:18	1000
Styrene	<619	U	1000	619	ug/L			11/13/24 20:18	1000
Tetrachloroethene	<655	U	1000	655	ug/L			11/13/24 20:18	1000
Tetrahydrofuran	<1830	U	10000	1830	ug/L			11/13/24 20:18	1000
Toluene	<475	U	1000	475	ug/L			11/13/24 20:18	1000
trans-1,2-Dichloroethene	<368	U	1000	368	ug/L			11/13/24 20:18	1000
trans-1,3-Dichloropropene	<1270	U	5000	1270	ug/L			11/13/24 20:18	1000
trans-1,4-Dichloro-2-butene	<1350	U	10000	1350	ug/L			11/13/24 20:18	1000
Trichloroethene	<1500	U	5000	1500	ug/L			11/13/24 20:18	1000
Trichlorofluoromethane	<560	U	1000	560	ug/L			11/13/24 20:18	1000
Vinyl acetate	<2140	U	20000	2140	ug/L			11/13/24 20:18	1000
Vinyl chloride	<428	U	2000	428	ug/L			11/13/24 20:18	1000
Xylenes, Total	<1240	U	10000	1240	ug/L			11/13/24 20:18	1000
m,p-Xylenes	<1.24	U	10.0	1.24	mg/L			11/13/24 20:18	1000
o-Xylene	<0.502	U	1.00	0.502	mg/L			11/13/24 20:18	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*		*11/13/24 20:18*	*1000*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*11/13/24 20:18*	*1000*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*11/13/24 20:18*	*1000*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/13/24 20:18*	*1000*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0757	U	0.564	0.0757	ug/L		11/13/24 05:02	12/07/24 18:42	1
1,2-Dichlorobenzene	**3.85**		0.564	0.0929	ug/L		11/13/24 05:02	12/07/24 18:42	1
1,3-Dichlorobenzene	**0.343**	**J**	0.564	0.100	ug/L		11/13/24 05:02	12/07/24 18:42	1
1,4-Dichlorobenzene	**5.74**		0.564	0.0769	ug/L		11/13/24 05:02	12/07/24 18:42	1
2,2'-oxybis[1-chloropropane]	<1.41	U	2.82	1.41	ug/L		11/13/24 05:02	12/07/24 18:42	1
2,4,5-Trichlorophenol	<0.141	U	0.564	0.141	ug/L		11/13/24 05:02	12/07/24 18:42	1
2,4,6-Trichlorophenol	<0.228	U	0.564	0.228	ug/L		11/13/24 05:02	12/07/24 18:42	1
2,4-Dichlorophenol	<0.138	U	0.564	0.138	ug/L		11/13/24 05:02	12/07/24 18:42	1
2,4-Dimethylphenol	<0.190	U *+	0.564	0.190	ug/L		11/13/24 05:02	12/07/24 18:42	1
1,4-Dioxane	**4.19**		0.564	0.0879	ug/L		11/13/24 05:02	12/07/24 18:42	1
2,4-Dinitrophenol	<0.103	U	2.82	0.103	ug/L		11/13/24 05:02	12/07/24 18:42	1
2,4-Dinitrotoluene	<0.202	U	0.564	0.202	ug/L		11/13/24 05:02	12/07/24 18:42	1
2,6-Dinitrotoluene	<0.115	U	0.564	0.115	ug/L		11/13/24 05:02	12/07/24 18:42	1
2-Chloronaphthalene	<0.373	U	0.564	0.373	ug/L		11/13/24 05:02	12/07/24 18:42	1
2-Methylnaphthalene	<0.0595	U	0.564	0.0595	ug/L		11/13/24 05:02	12/07/24 18:42	1
2-Methylphenol	<0.103	U	0.564	0.103	ug/L		11/13/24 05:02	12/07/24 18:42	1
2-Nitroaniline	<0.147	U	0.564	0.147	ug/L		11/13/24 05:02	12/07/24 18:42	1
2-Nitrophenol	<0.134	U	0.564	0.134	ug/L		11/13/24 05:02	12/07/24 18:42	1
3-Nitroaniline	<0.0842	U	0.564	0.0842	ug/L		11/13/24 05:02	12/07/24 18:42	1
4,6-Dinitro-2-methylphenol	<0.199	U	1.13	0.199	ug/L		11/13/24 05:02	12/07/24 18:42	1
4-Bromophenyl phenyl ether	<0.0990	U	0.564	0.0990	ug/L		11/13/24 05:02	12/07/24 18:42	1
4-Chloro-3-methylphenol	<0.102	U	0.564	0.102	ug/L		11/13/24 05:02	12/07/24 18:42	1
4-Chloroaniline	<0.0381	U	0.564	0.0381	ug/L		11/13/24 05:02	12/07/24 18:42	1
4-Chlorophenyl phenyl ether	<0.129	U	0.564	0.129	ug/L		11/13/24 05:02	12/07/24 18:42	1
4-Nitroaniline	<0.107	U	0.564	0.107	ug/L		11/13/24 05:02	12/07/24 18:42	1
Acenaphthene	<0.106	U	0.564	0.106	ug/L		11/13/24 05:02	12/07/24 18:42	1

Client Sample ID: MW-26-D
Lab Sample ID: 860-86677-8
Date Collected: 11/07/24 13:28
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	<0.0984	U	0.564	0.0984	ug/L		11/13/24 05:02	12/07/24 18:42	1
Aniline	<0.0572	U	0.564	0.0572	ug/L		11/13/24 05:02	12/07/24 18:42	1
Anthracene	<0.0926	U	0.564	0.0926	ug/L		11/13/24 05:02	12/07/24 18:42	1
Benzo[a]anthracene	<0.0282	U	0.0282	0.0282	ug/L		11/13/24 05:02	12/07/24 18:42	1
Benzo[a]pyrene	<0.0296	U *3	0.0564	0.0296	ug/L		11/13/24 05:02	12/07/24 18:42	1
Benzo[b]fluoranthene	<0.0655	U	0.564	0.0655	ug/L		11/13/24 05:02	12/07/24 18:42	1
Benzo[g,h,i]perylene	<0.0341	U *3	0.564	0.0341	ug/L		11/13/24 05:02	12/07/24 18:42	1
Benzo[k]fluoranthene	<0.0467	U	0.564	0.0467	ug/L		11/13/24 05:02	12/07/24 18:42	1
Benzyl alcohol	<0.592	U *-	1.13	0.592	ug/L		11/13/24 05:02	12/07/24 18:42	1
Bis(2-chloroethoxy)methane	<0.0962	U	0.564	0.0962	ug/L		11/13/24 05:02	12/07/24 18:42	1
Bis(2-chloroethyl)ether	<0.212	U *+	0.564	0.212	ug/L		11/13/24 05:02	12/07/24 18:42	1
Bis(2-ethylhexyl) phthalate	<0.889	U	1.13	0.889	ug/L		11/13/24 05:02	12/07/24 18:42	1
Butyl benzyl phthalate	<0.494	U	1.13	0.494	ug/L		11/13/24 05:02	12/07/24 18:42	1
Chrysene	<0.0805	U	0.564	0.0805	ug/L		11/13/24 05:02	12/07/24 18:42	1
Dibenz(a,h)anthracene	<0.0502	U *3	0.113	0.0502	ug/L		11/13/24 05:02	12/07/24 18:42	1
Dibenzofuran	**6.05**		0.564	0.105	ug/L		11/13/24 05:02	12/07/24 18:42	1
Diethyl phthalate	<0.153	U	1.13	0.153	ug/L		11/13/24 05:02	12/07/24 18:42	1
Dimethyl phthalate	<0.107	U *+	1.13	0.107	ug/L		11/13/24 05:02	12/07/24 18:42	1
Di-n-butyl phthalate	<0.755	U	1.13	0.755	ug/L		11/13/24 05:02	12/07/24 18:42	1
Di-n-octyl phthalate	<0.266	U	1.13	0.266	ug/L		11/13/24 05:02	12/07/24 18:42	1
Fluoranthene	<0.0872	U	0.564	0.0872	ug/L		11/13/24 05:02	12/07/24 18:42	1
Fluorene	**0.134**	**J**	0.564	0.0936	ug/L		11/13/24 05:02	12/07/24 18:42	1
Hexachlorobenzene	<0.0962	U	0.564	0.0962	ug/L		11/13/24 05:02	12/07/24 18:42	1
Hexachlorobutadiene	<0.101	U	0.564	0.101	ug/L		11/13/24 05:02	12/07/24 18:42	1
Hexachlorocyclopentadiene	<0.0506	U	0.564	0.0506	ug/L		11/13/24 05:02	12/07/24 18:42	1
Hexachloroethane	**3.28**		0.564	0.101	ug/L		11/13/24 05:02	12/07/24 18:42	1
Indeno[1,2,3-cd]pyrene	<0.0987	U *3	0.564	0.0987	ug/L		11/13/24 05:02	12/07/24 18:42	1
Isophorone	<0.105	U	0.564	0.105	ug/L		11/13/24 05:02	12/07/24 18:42	1
Nitrobenzene	<0.0727	U	0.564	0.0727	ug/L		11/13/24 05:02	12/07/24 18:42	1
N-Nitrosodi-n-propylamine	<0.117	U	0.564	0.117	ug/L		11/13/24 05:02	12/07/24 18:42	1
N-Nitrosodiphenylamine	<0.143	U	0.564	0.143	ug/L		11/13/24 05:02	12/07/24 18:42	1
Pentachlorophenol	<1.03	U	1.13	1.03	ug/L		11/13/24 05:02	12/07/24 18:42	1
Phenanthrene	<0.132	U	0.564	0.132	ug/L		11/13/24 05:02	12/07/24 18:42	1
Phenol	<0.442	U	2.82	0.442	ug/L		11/13/24 05:02	12/07/24 18:42	1
Pyrene	<0.0838	U	0.564	0.0838	ug/L		11/13/24 05:02	12/07/24 18:42	1
Pyridine	<1.42	U *-	2.82	1.42	ug/L		11/13/24 05:02	12/07/24 18:42	1
N-Nitro-o-toluidine	<0.514	U	1.13	0.514	ug/L		11/13/24 05:02	12/07/24 18:42	1
Acetophenone	**5.52**		1.13	0.616	ug/L		11/13/24 05:02	12/07/24 18:42	1
N-Nitrosopiperidine	<0.461	U	1.13	0.461	ug/L		11/13/24 05:02	12/07/24 18:42	1
Pentachlorobenzene	<0.263	U	0.564	0.263	ug/L		11/13/24 05:02	12/07/24 18:42	1
4-Aminobiphenyl	<0.389	U	0.564	0.389	ug/L		11/13/24 05:02	12/07/24 18:42	1
1,2,4,5-Tetrachlorobenzene	<0.0945	U	0.564	0.0945	ug/L		11/13/24 05:02	12/07/24 18:42	1
1,3,5-Trinitrobenzene	<0.117	U	0.564	0.117	ug/L		11/13/24 05:02	12/07/24 18:42	1
1,3-Dinitrobenzene	<0.0763	U	0.564	0.0763	ug/L		11/13/24 05:02	12/07/24 18:42	1
1,4-Naphthoquinone	<0.310	U	0.564	0.310	ug/L		11/13/24 05:02	12/07/24 18:42	1
1-Naphthylamine	<0.147	U	0.564	0.147	ug/L		11/13/24 05:02	12/07/24 18:42	1
2,6-Dichlorophenol	<0.117	U	0.564	0.117	ug/L		11/13/24 05:02	12/07/24 18:42	1
2-Acetylaminofluorene	<1.25	U	2.82	1.25	ug/L		11/13/24 05:02	12/07/24 18:42	1
2-Chlorophenol	<0.0747	U	0.564	0.0747	ug/L		11/13/24 05:02	12/07/24 18:42	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: MW-26-D
Date Collected: 11/07/24 13:28
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-8
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Naphthylamine	1.83	I	0.564	0.284	ug/L		11/13/24 05:02	12/07/24 18:42	1
2-Picoline	<0.121	U	0.564	0.121	ug/L		11/13/24 05:02	12/07/24 18:42	1
2-Toluidine	<0.302	U	0.564	0.302	ug/L		11/13/24 05:02	12/07/24 18:42	1
3,3'-Dichlorobenzidine	<0.181	U	0.564	0.181	ug/L		11/13/24 05:02	12/07/24 18:42	1
3,3'-Dimethylbenzidine	<0.140	U	0.564	0.140	ug/L		11/13/24 05:02	12/07/24 18:42	1
3-Methylcholanthrene	<0.103	U *3	0.564	0.103	ug/L		11/13/24 05:02	12/07/24 18:42	1
4-Nitroquinoline-1-oxide	<0.721	U	1.13	0.721	ug/L		11/13/24 05:02	12/07/24 18:42	1
7,12-Dimethylbenz(a)anthracene	<0.238	U	0.564	0.238	ug/L		11/13/24 05:02	12/07/24 18:42	1
alpha,alpha-Dimethyl phenethylamine	<3.62	U	5.64	3.62	ug/L		11/13/24 05:02	12/07/24 18:42	1
Aramite Peak 1	<0.0775	U	0.564	0.0775	ug/L		11/13/24 05:02	12/07/24 18:42	1
Aramite Peak 2	<0.0941	U	0.564	0.0941	ug/L		11/13/24 05:02	12/07/24 18:42	1
Aramite, Total	<0.0941	U	0.564	0.0941	ug/L		11/13/24 05:02	12/07/24 18:42	1
Diallate	<0.0824	U	0.564	0.0824	ug/L		11/13/24 05:02	12/07/24 18:42	1
Diallate Peak 1	<0.0824	U	0.564	0.0824	ug/L		11/13/24 05:02	12/07/24 18:42	1
Diallate Peak 2	<0.0380	U	0.564	0.0380	ug/L		11/13/24 05:02	12/07/24 18:42	1
Dimethoate	<0.120	U *+	0.564	0.120	ug/L		11/13/24 05:02	12/07/24 18:42	1
Dinoseb	<0.562	U *+	2.82	0.562	ug/L		11/13/24 05:02	12/07/24 18:42	1
Disulfoton	<0.200	U *+	0.564	0.200	ug/L		11/13/24 05:02	12/07/24 18:42	1
Ethyl methanesulfonate	<0.224	U	0.564	0.224	ug/L		11/13/24 05:02	12/07/24 18:42	1
Ethyl Parathion	<0.0496	U *+	0.226	0.0496	ug/L		11/13/24 05:02	12/07/24 18:42	1
Famphur	<0.149	U *+	1.13	0.149	ug/L		11/13/24 05:02	12/07/24 18:42	1
Hexachloropropene	<0.296	U *-	0.564	0.296	ug/L		11/13/24 05:02	12/07/24 18:42	1
Isosafrole	<0.238	U	0.564	0.238	ug/L		11/13/24 05:02	12/07/24 18:42	1
Isosafrole Peak 1	<0.0458	U	0.564	0.0458	ug/L		11/13/24 05:02	12/07/24 18:42	1
Isosafrole Peak 2	<0.238	U	0.564	0.238	ug/L		11/13/24 05:02	12/07/24 18:42	1
Methapyrilene	<0.987	U *+	2.26	0.987	ug/L		11/13/24 05:02	12/07/24 18:42	1
Methyl methanesulfonate	<0.118	U	0.564	0.118	ug/L		11/13/24 05:02	12/07/24 18:42	1
Methyl parathion	<0.315	U *+	0.564	0.315	ug/L		11/13/24 05:02	12/07/24 18:42	1
N-Nitrosodiethylamine	<0.532	U	1.13	0.532	ug/L		11/13/24 05:02	12/07/24 18:42	1
N-Nitrosodimethylamine	<0.0987	U *-	0.564	0.0987	ug/L		11/13/24 05:02	12/07/24 18:42	1
N-Nitrosodi-n-butylamine	<0.509	U	1.13	0.509	ug/L		11/13/24 05:02	12/07/24 18:42	1
N-Nitrosomethylethylamine	<0.290	U	0.564	0.290	ug/L		11/13/24 05:02	12/07/24 18:42	1
N-Nitrosomorpholine	<0.217	U	0.564	0.217	ug/L		11/13/24 05:02	12/07/24 18:42	1
N-Nitrosopyrrolidine	<0.264	U *-	0.564	0.264	ug/L		11/13/24 05:02	12/07/24 18:42	1
o,o',o''-Triethylphosphorothioate	<0.137	U *+	0.564	0.137	ug/L		11/13/24 05:02	12/07/24 18:42	1
p-Dimethylamino azobenzene	<0.0235	U	0.564	0.0235	ug/L		11/13/24 05:02	12/07/24 18:42	1
Pentachloronitrobenzene	<0.0987	U	0.564	0.0987	ug/L		11/13/24 05:02	12/07/24 18:42	1
Phenacetin	<0.0987	U	0.564	0.0987	ug/L		11/13/24 05:02	12/07/24 18:42	1
Phorate	<0.219	U *+	0.564	0.219	ug/L		11/13/24 05:02	12/07/24 18:42	1
p-Phenylene diamine	<0.494	U *-	1.13	0.494	ug/L		11/13/24 05:02	12/07/24 18:42	1
Pronamide	<0.0987	U *+	0.564	0.0987	ug/L		11/13/24 05:02	12/07/24 18:42	1
Safrole, Total	<0.0564	U	0.564	0.0564	ug/L		11/13/24 05:02	12/07/24 18:42	1
Sulfotepp	<0.145	U *+	0.564	0.145	ug/L		11/13/24 05:02	12/07/24 18:42	1
Thionazin	<0.205	U *+	1.13	0.205	ug/L		11/13/24 05:02	12/07/24 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*133*	*S1+*	*35 - 130*	*11/13/24 05:02*	*12/07/24 18:42*	*1*
2-Fluorobiphenyl	*91*		*43 - 130*	*11/13/24 05:02*	*12/07/24 18:42*	*1*
2-Fluorophenol (Surr)	*81*		*19 - 120*	*11/13/24 05:02*	*12/07/24 18:42*	*1*
Nitrobenzene-d5 (Surr)	*107*		*37 - 133*	*11/13/24 05:02*	*12/07/24 18:42*	*1*

Client Sample ID: MW-26-D
Lab Sample ID: 860-86677-8
Date Collected: 11/07/24 13:28
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5 (Surr)	*58*		*8 - 124*	*11/13/24 05:02*	*12/07/24 18:42*	*1*
p-Terphenyl-d14	*117*		*47 - 130*	*11/13/24 05:02*	*12/07/24 18:42*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**29.6**		5.64	0.932	ug/L		11/13/24 05:02	12/10/24 04:33	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*105*	*I*	*35 - 130*	*11/13/24 05:02*	*12/10/24 04:33*	*10*
2-Fluorobiphenyl	*95*		*43 - 130*	*11/13/24 05:02*	*12/10/24 04:33*	*10*
2-Fluorophenol (Surr)	*85*		*19 - 120*	*11/13/24 05:02*	*12/10/24 04:33*	*10*
Nitrobenzene-d5 (Surr)	*98*		*37 - 133*	*11/13/24 05:02*	*12/10/24 04:33*	*10*
Phenol-d5 (Surr)	*67*		*8 - 124*	*11/13/24 05:02*	*12/10/24 04:33*	*10*
p-Terphenyl-d14	*141*	*S1+*	*47 - 130*	*11/13/24 05:02*	*12/10/24 04:33*	*10*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**3760**		113	19.4	ug/L		11/13/24 05:02	12/10/24 05:02	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*141*	*S1+*	*35 - 130*	*11/13/24 05:02*	*12/10/24 05:02*	*200*
2-Fluorobiphenyl	*368*	*S1+*	*43 - 130*	*11/13/24 05:02*	*12/10/24 05:02*	*200*
2-Fluorophenol (Surr)	*238*	*I S1+*	*19 - 120*	*11/13/24 05:02*	*12/10/24 05:02*	*200*
Nitrobenzene-d5 (Surr)	*289*	*S1+*	*37 - 133*	*11/13/24 05:02*	*12/10/24 05:02*	*200*
Phenol-d5 (Surr)	*311*	*S1+*	*8 - 124*	*11/13/24 05:02*	*12/10/24 05:02*	*200*
p-Terphenyl-d14	*412*	*S1+*	*47 - 130*	*11/13/24 05:02*	*12/10/24 05:02*	*200*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	**0.487**	**J**	0.564	0.137	ug/L		11/13/24 05:02	12/10/24 19:40	1
2,3,4,6-Tetrachlorophenol	<0.208	U	0.564	0.208	ug/L		11/13/24 05:02	12/10/24 19:40	1
Diphenyl ether	**2.15**		0.564	0.0898	ug/L		11/13/24 05:02	12/10/24 19:40	1

Client Sample ID: MW-29-D
Lab Sample ID: 860-86677-9
Date Collected: 11/07/24 13:50
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<322	U	500	322	ug/L			11/13/24 20:38	500
1,1,1-Trichloroethane	<293	U	2500	293	ug/L			11/13/24 20:38	500
1,1,2,2-Tetrachloroethane	<235	U	500	235	ug/L			11/13/24 20:38	500
1,1,2-Trichloro-1,2,2-trifluoroethane	<555	U	5000	555	ug/L			11/13/24 20:38	500
1,1,2-Trichloroethane	<206	U	500	206	ug/L			11/13/24 20:38	500
1,1-Dichloroethane	<318	U	500	318	ug/L			11/13/24 20:38	500
1,1-Dichloroethene	<369	U	500	369	ug/L			11/13/24 20:38	500
1,2,3-Trichloropropane	<235	U	500	235	ug/L			11/13/24 20:38	500
1,2,4-Trimethylbenzene	<209	U	500	209	ug/L			11/13/24 20:38	500
1,2-Dibromo-3-Chloropropane	<336	U	2500	336	ug/L			11/13/24 20:38	500
1,2-Dibromoethane	<500	U	2500	500	ug/L			11/13/24 20:38	500
1,2-Dichloroethane	<186	U	500	186	ug/L			11/13/24 20:38	500

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: MW-29-D
Date Collected: 11/07/24 13:50
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	<278	U	2500	278	ug/L			11/13/24 20:38	500
1,3,5-Trimethylbenzene	<206	U	500	206	ug/L			11/13/24 20:38	500
1,3-Butadiene	<284	U	500	284	ug/L			11/13/24 20:38	500
2,2,4-Trimethylpentane	<250	U	2500	250	ug/L			11/13/24 20:38	500
2-Butanone (MEK)	<4140	U	25000	4140	ug/L			11/13/24 20:38	500
2-Hexanone (MBK)	<2500	U	25000	2500	ug/L			11/13/24 20:38	500
2-Propanol	<2610	U	5000	2610	ug/L			11/13/24 20:38	500
3-Chloropropene (Allyl Chloride)	<299	U	2500	299	ug/L			11/13/24 20:38	500
4-Methyl-2-pentanone	<2500	U	25000	2500	ug/L			11/13/24 20:38	500
Acetone	<1530	U	50000	1530	ug/L			11/13/24 20:38	500
Acetonitrile	<7300	U	50000	7300	ug/L			11/13/24 20:38	500
Acrolein	<5560	U	25000	5560	ug/L			11/13/24 20:38	500
Acrylonitrile	<7160	U	25000	7160	ug/L			11/13/24 20:38	500
alpha-Chlorotoluene	<1130	U	2500	1130	ug/L			11/13/24 20:38	500
Benzene	**430**	**J**	500	230	ug/L			11/13/24 20:38	500
Bromodichloromethane	<276	U	500	276	ug/L			11/13/24 20:38	500
Bromoform	<317	U	2500	317	ug/L			11/13/24 20:38	500
Bromomethane	<710	U	2500	710	ug/L			11/13/24 20:38	500
Carbon disulfide	<825	U	2500	825	ug/L			11/13/24 20:38	500
Chlorobenzene	<228	U	500	228	ug/L			11/13/24 20:38	500
Chlorodibromomethane	<274	U	2500	274	ug/L			11/13/24 20:38	500
Chloroethane	<992	U	5000	992	ug/L			11/13/24 20:38	500
Chloroform	**1800**		500	232	ug/L			11/13/24 20:38	500
Chloromethane	<1020	U	5000	1020	ug/L			11/13/24 20:38	500
Chloroprene	<299	U	2500	299	ug/L			11/13/24 20:38	500
cis-1,2-Dichloroethene	<229	U	500	229	ug/L			11/13/24 20:38	500
cis-1,3-Dichloropropene	<534	U	2500	534	ug/L			11/13/24 20:38	500
Cumene (isopropylbenzene)	<296	U	500	296	ug/L			11/13/24 20:38	500
Cyclohexane	<643	U	2500	643	ug/L			11/13/24 20:38	500
Dibromomethane	<179	U	500	179	ug/L			11/13/24 20:38	500
Dichlorodifluoromethane	<393	U	500	393	ug/L			11/13/24 20:38	500
Ethyl methacrylate	<559	U	2500	559	ug/L			11/13/24 20:38	500
Ethylbenzene	<193	U	500	193	ug/L			11/13/24 20:38	500
Hexane	<259	U	2500	259	ug/L			11/13/24 20:38	500
Iodomethane	<2500	U	10000	2500	ug/L			11/13/24 20:38	500
Isobutanol	<8550	U	25000	8550	ug/L			11/13/24 20:38	500
Methacrylonitrile	<1360	U	5000	1360	ug/L			11/13/24 20:38	500
Methyl methacrylate	<1130	U	5000	1130	ug/L			11/13/24 20:38	500
Methyl tert-butyl ether	<696	U	2500	696	ug/L			11/13/24 20:38	500
Methylene Chloride	<863	U	2500	863	ug/L			11/13/24 20:38	500
Propionitrile	<1670	U	5000	1670	ug/L			11/13/24 20:38	500
Propylbenzene	<215	U	500	215	ug/L			11/13/24 20:38	500
Styrene	<310	U	500	310	ug/L			11/13/24 20:38	500
Tetrachloroethene	<328	U	500	328	ug/L			11/13/24 20:38	500
Tetrahydrofuran	<917	U	5000	917	ug/L			11/13/24 20:38	500
Toluene	<238	U	500	238	ug/L			11/13/24 20:38	500
trans-1,2-Dichloroethene	<184	U	500	184	ug/L			11/13/24 20:38	500
trans-1,3-Dichloropropene	<634	U	2500	634	ug/L			11/13/24 20:38	500
trans-1,4-Dichloro-2-butene	<675	U	5000	675	ug/L			11/13/24 20:38	500

Client Sample ID: MW-29-D
Lab Sample ID: 860-86677-9
Date Collected: 11/07/24 13:50
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<750	U	2500	750	ug/L			11/13/24 20:38	500
Trichlorofluoromethane	<280	U	500	280	ug/L			11/13/24 20:38	500
Vinyl acetate	<1070	U	10000	1070	ug/L			11/13/24 20:38	500
Vinyl chloride	<214	U	1000	214	ug/L			11/13/24 20:38	500
Xylenes, Total	<620	U	5000	620	ug/L			11/13/24 20:38	500
m,p-Xylenes	<0.620	U	5.00	0.620	mg/L			11/13/24 20:38	500
o-Xylene	<0.251	U	0.500	0.251	mg/L			11/13/24 20:38	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*11/13/24 20:38*	*500*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*11/13/24 20:38*	*500*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*11/13/24 20:38*	*500*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/13/24 20:38*	*500*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	**104000**		10000	1790	ug/L			11/14/24 12:14	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*63 - 144*		*11/14/24 12:14*	*2000*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*11/14/24 12:14*	*2000*
Dibromofluoromethane (Surr)	*107*		*75 - 131*		*11/14/24 12:14*	*2000*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/14/24 12:14*	*2000*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0763	U	0.569	0.0763	ug/L		11/13/24 05:02	12/09/24 09:13	1
1,2-Dichlorobenzene	**2.16**		0.569	0.0937	ug/L		11/13/24 05:02	12/09/24 09:13	1
1,3-Dichlorobenzene	**0.220**	**J**	0.569	0.101	ug/L		11/13/24 05:02	12/09/24 09:13	1
1,4-Dichlorobenzene	**3.34**		0.569	0.0776	ug/L		11/13/24 05:02	12/09/24 09:13	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.84	1.42	ug/L		11/13/24 05:02	12/09/24 09:13	1
2,4,5-Trichlorophenol	<0.143	U	0.569	0.143	ug/L		11/13/24 05:02	12/09/24 09:13	1
2,4,6-Trichlorophenol	<0.230	U	0.569	0.230	ug/L		11/13/24 05:02	12/09/24 09:13	1
2,4-Dichlorophenol	<0.139	U	0.569	0.139	ug/L		11/13/24 05:02	12/09/24 09:13	1
2,4-Dimethylphenol	<0.191	U *+	0.569	0.191	ug/L		11/13/24 05:02	12/09/24 09:13	1
1,4-Dioxane	<0.0886	U	0.569	0.0886	ug/L		11/13/24 05:02	12/09/24 09:13	1
2,4-Dinitrophenol	<0.104	U	2.84	0.104	ug/L		11/13/24 05:02	12/09/24 09:13	1
2,4-Dinitrotoluene	<0.204	U	0.569	0.204	ug/L		11/13/24 05:02	12/09/24 09:13	1
2,6-Dinitrotoluene	<0.116	U	0.569	0.116	ug/L		11/13/24 05:02	12/09/24 09:13	1
2-Chloronaphthalene	<0.377	U	0.569	0.377	ug/L		11/13/24 05:02	12/09/24 09:13	1
2-Methylnaphthalene	<0.0600	U	0.569	0.0600	ug/L		11/13/24 05:02	12/09/24 09:13	1
2-Methylphenol	<0.104	U	0.569	0.104	ug/L		11/13/24 05:02	12/09/24 09:13	1
2-Nitroaniline	<0.148	U	0.569	0.148	ug/L		11/13/24 05:02	12/09/24 09:13	1
2-Nitrophenol	**3.88**		0.569	0.135	ug/L		11/13/24 05:02	12/09/24 09:13	1
3 & 4 Methylphenol	<0.138	U	0.569	0.138	ug/L		11/13/24 05:02	12/09/24 09:13	1
3-Nitroaniline	<0.0849	U	0.569	0.0849	ug/L		11/13/24 05:02	12/09/24 09:13	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/13/24 05:02	12/09/24 09:13	1
4-Bromophenyl phenyl ether	<0.0999	U	0.569	0.0999	ug/L		11/13/24 05:02	12/09/24 09:13	1
4-Chloro-3-methylphenol	<0.103	U	0.569	0.103	ug/L		11/13/24 05:02	12/09/24 09:13	1
4-Chloroaniline	<0.0384	U	0.569	0.0384	ug/L		11/13/24 05:02	12/09/24 09:13	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: MW-29-D
Date Collected: 11/07/24 13:50
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-9
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	<0.130	U	0.569	0.130	ug/L		11/13/24 05:02	12/09/24 09:13	1
4-Nitroaniline	<0.108	U	0.569	0.108	ug/L		11/13/24 05:02	12/09/24 09:13	1
Acenaphthene	<0.107	U	0.569	0.107	ug/L		11/13/24 05:02	12/09/24 09:13	1
Acenaphthylene	<0.0992	U	0.569	0.0992	ug/L		11/13/24 05:02	12/09/24 09:13	1
Aniline	<0.0577	U	0.569	0.0577	ug/L		11/13/24 05:02	12/09/24 09:13	1
Anthracene	<0.0934	U	0.569	0.0934	ug/L		11/13/24 05:02	12/09/24 09:13	1
Benzo[a]anthracene	<0.0284	U	0.0284	0.0284	ug/L		11/13/24 05:02	12/09/24 09:13	1
Benzo[a]pyrene	<0.0299	U *3	0.0569	0.0299	ug/L		11/13/24 05:02	12/09/24 09:13	1
Benzo[b]fluoranthene	<0.0661	U	0.569	0.0661	ug/L		11/13/24 05:02	12/09/24 09:13	1
Benzo[g,h,i]perylene	<0.0344	U *3	0.569	0.0344	ug/L		11/13/24 05:02	12/09/24 09:13	1
Benzo[k]fluoranthene	<0.0470	U	0.569	0.0470	ug/L		11/13/24 05:02	12/09/24 09:13	1
Benzyl alcohol	**2.05**	**I *-**	1.14	0.597	ug/L		11/13/24 05:02	12/09/24 09:13	1
Bis(2-chloroethoxy)methane	<0.0970	U	0.569	0.0970	ug/L		11/13/24 05:02	12/09/24 09:13	1
Bis(2-chloroethyl)ether	<0.213	U *+	0.569	0.213	ug/L		11/13/24 05:02	12/09/24 09:13	1
Bis(2-ethylhexyl) phthalate	<0.896	U	1.14	0.896	ug/L		11/13/24 05:02	12/09/24 09:13	1
Butyl benzyl phthalate	<0.498	U	1.14	0.498	ug/L		11/13/24 05:02	12/09/24 09:13	1
Chrysene	<0.0812	U	0.569	0.0812	ug/L		11/13/24 05:02	12/09/24 09:13	1
Dibenz(a,h)anthracene	<0.0507	U *3	0.114	0.0507	ug/L		11/13/24 05:02	12/09/24 09:13	1
Dibenzofuran	**0.912**		0.569	0.106	ug/L		11/13/24 05:02	12/09/24 09:13	1
Diethyl phthalate	<0.154	U	1.14	0.154	ug/L		11/13/24 05:02	12/09/24 09:13	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/13/24 05:02	12/09/24 09:13	1
Di-n-butyl phthalate	<0.762	U	1.14	0.762	ug/L		11/13/24 05:02	12/09/24 09:13	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/13/24 05:02	12/09/24 09:13	1
Fluoranthene	<0.0879	U	0.569	0.0879	ug/L		11/13/24 05:02	12/09/24 09:13	1
Fluorene	<0.0944	U	0.569	0.0944	ug/L		11/13/24 05:02	12/09/24 09:13	1
Hexachlorobenzene	<0.0971	U	0.569	0.0971	ug/L		11/13/24 05:02	12/09/24 09:13	1
Hexachlorobutadiene	<0.102	U	0.569	0.102	ug/L		11/13/24 05:02	12/09/24 09:13	1
Hexachlorocyclopentadiene	<0.0510	U	0.569	0.0510	ug/L		11/13/24 05:02	12/09/24 09:13	1
Indeno[1,2,3-cd]pyrene	<0.0996	U *3	0.569	0.0996	ug/L		11/13/24 05:02	12/09/24 09:13	1
Isophorone	<0.106	U	0.569	0.106	ug/L		11/13/24 05:02	12/09/24 09:13	1
Naphthalene	**8.20**		0.569	0.0940	ug/L		11/13/24 05:02	12/09/24 09:13	1
Nitrobenzene	<0.0733	U	0.569	0.0733	ug/L		11/13/24 05:02	12/09/24 09:13	1
N-Nitrosodi-n-propylamine	<0.118	U	0.569	0.118	ug/L		11/13/24 05:02	12/09/24 09:13	1
N-Nitrosodiphenylamine	<0.144	U	0.569	0.144	ug/L		11/13/24 05:02	12/09/24 09:13	1
Pentachlorophenol	<1.03	U	1.14	1.03	ug/L		11/13/24 05:02	12/09/24 09:13	1
Phenanthrene	<0.133	U	0.569	0.133	ug/L		11/13/24 05:02	12/09/24 09:13	1
Phenol	**6.42**	**I**	2.84	0.446	ug/L		11/13/24 05:02	12/09/24 09:13	1
Pyrene	<0.0845	U	0.569	0.0845	ug/L		11/13/24 05:02	12/09/24 09:13	1
Pyridine	<1.43	U *-	2.84	1.43	ug/L		11/13/24 05:02	12/09/24 09:13	1
N-Nitro-o-toluidine	<0.518	U	1.14	0.518	ug/L		11/13/24 05:02	12/09/24 09:13	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.569	0.210	ug/L		11/13/24 05:02	12/09/24 09:13	1
Acetophenone	**1.08**	**J**	1.14	0.621	ug/L		11/13/24 05:02	12/09/24 09:13	1
N-Nitrosopiperidine	<0.465	U	1.14	0.465	ug/L		11/13/24 05:02	12/09/24 09:13	1
Pentachlorobenzene	<0.265	U	0.569	0.265	ug/L		11/13/24 05:02	12/09/24 09:13	1
4-Aminobiphenyl	<0.392	U	0.569	0.392	ug/L		11/13/24 05:02	12/09/24 09:13	1
1,2,4,5-Tetrachlorobenzene	<0.0953	U	0.569	0.0953	ug/L		11/13/24 05:02	12/09/24 09:13	1
1,3,5-Trinitrobenzene	<0.118	U	0.569	0.118	ug/L		11/13/24 05:02	12/09/24 09:13	1
1,3-Dinitrobenzene	<0.0770	U	0.569	0.0770	ug/L		11/13/24 05:02	12/09/24 09:13	1
1,4-Naphthoquinone	<0.313	U	0.569	0.313	ug/L		11/13/24 05:02	12/09/24 09:13	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: MW-29-D
Date Collected: 11/07/24 13:50
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-9
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Naphthylamine	<0.148	U	0.569	0.148	ug/L		11/13/24 05:02	12/09/24 09:13	1
2,6-Dichlorophenol	<0.118	U	0.569	0.118	ug/L		11/13/24 05:02	12/09/24 09:13	1
2-Acetylaminofluorene	<1.26	U	2.84	1.26	ug/L		11/13/24 05:02	12/09/24 09:13	1
2-Chlorophenol	<0.0753	U	0.569	0.0753	ug/L		11/13/24 05:02	12/09/24 09:13	1
2-Naphthylamine	<0.287	U	0.569	0.287	ug/L		11/13/24 05:02	12/09/24 09:13	1
2-Picoline	<0.122	U	0.569	0.122	ug/L		11/13/24 05:02	12/09/24 09:13	1
2-Toluidine	<0.305	U	0.569	0.305	ug/L		11/13/24 05:02	12/09/24 09:13	1
3,3'-Dichlorobenzidine	<0.182	U	0.569	0.182	ug/L		11/13/24 05:02	12/09/24 09:13	1
3,3'-Dimethylbenzidine	<0.141	U	0.569	0.141	ug/L		11/13/24 05:02	12/09/24 09:13	1
3-Methylcholanthrene	<0.104	U *3	0.569	0.104	ug/L		11/13/24 05:02	12/09/24 09:13	1
4-Nitroquinoline-1-oxide	<0.727	U	1.14	0.727	ug/L		11/13/24 05:02	12/09/24 09:13	1
7,12-Dimethylbenz(a)anthracene	<0.240	U	0.569	0.240	ug/L		11/13/24 05:02	12/09/24 09:13	1
alpha,alpha-Dimethyl phenethylamine	<3.65	U	5.69	3.65	ug/L		11/13/24 05:02	12/09/24 09:13	1
Aramite Peak 1	<0.0782	U	0.569	0.0782	ug/L		11/13/24 05:02	12/09/24 09:13	1
Aramite Peak 2	<0.0950	U	0.569	0.0950	ug/L		11/13/24 05:02	12/09/24 09:13	1
Aramite, Total	<0.0950	U	0.569	0.0950	ug/L		11/13/24 05:02	12/09/24 09:13	1
Diallate	<0.0831	U	0.569	0.0831	ug/L		11/13/24 05:02	12/09/24 09:13	1
Diallate Peak 1	<0.0831	U	0.569	0.0831	ug/L		11/13/24 05:02	12/09/24 09:13	1
Diallate Peak 2	<0.0384	U	0.569	0.0384	ug/L		11/13/24 05:02	12/09/24 09:13	1
Dimethoate	<0.121	U *+	0.569	0.121	ug/L		11/13/24 05:02	12/09/24 09:13	1
Dinoseb	<0.567	U *+	2.84	0.567	ug/L		11/13/24 05:02	12/09/24 09:13	1
Disulfoton	<0.202	U *+	0.569	0.202	ug/L		11/13/24 05:02	12/09/24 09:13	1
Ethyl methanesulfonate	<0.226	U	0.569	0.226	ug/L		11/13/24 05:02	12/09/24 09:13	1
Ethyl Parathion	<0.0500	U *+	0.228	0.0500	ug/L		11/13/24 05:02	12/09/24 09:13	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/13/24 05:02	12/09/24 09:13	1
Hexachloropropene	<0.298	U *-	0.569	0.298	ug/L		11/13/24 05:02	12/09/24 09:13	1
Isosafrole	<0.240	U	0.569	0.240	ug/L		11/13/24 05:02	12/09/24 09:13	1
Isosafrole Peak 1	<0.0461	U	0.569	0.0461	ug/L		11/13/24 05:02	12/09/24 09:13	1
Isosafrole Peak 2	<0.240	U	0.569	0.240	ug/L		11/13/24 05:02	12/09/24 09:13	1
Methapyrilene	<0.995	U *+	2.28	0.995	ug/L		11/13/24 05:02	12/09/24 09:13	1
Methyl methanesulfonate	<0.119	U	0.569	0.119	ug/L		11/13/24 05:02	12/09/24 09:13	1
Methyl parathion	<0.318	U *+	0.569	0.318	ug/L		11/13/24 05:02	12/09/24 09:13	1
N-Nitrosodiethylamine	<0.536	U	1.14	0.536	ug/L		11/13/24 05:02	12/09/24 09:13	1
N-Nitrosodimethylamine	<0.0996	U *-	0.569	0.0996	ug/L		11/13/24 05:02	12/09/24 09:13	1
N-Nitrosodi-n-butylamine	<0.513	U	1.14	0.513	ug/L		11/13/24 05:02	12/09/24 09:13	1
N-Nitrosomethylethylamine	<0.293	U	0.569	0.293	ug/L		11/13/24 05:02	12/09/24 09:13	1
N-Nitrosomorpholine	<0.219	U	0.569	0.219	ug/L		11/13/24 05:02	12/09/24 09:13	1
N-Nitrosopyrrolidine	<0.267	U *-	0.569	0.267	ug/L		11/13/24 05:02	12/09/24 09:13	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.569	0.138	ug/L		11/13/24 05:02	12/09/24 09:13	1
p-Dimethylamino azobenzene	<0.0237	U	0.569	0.0237	ug/L		11/13/24 05:02	12/09/24 09:13	1
Pentachloronitrobenzene	<0.0996	U	0.569	0.0996	ug/L		11/13/24 05:02	12/09/24 09:13	1
Phenacetin	<0.0996	U	0.569	0.0996	ug/L		11/13/24 05:02	12/09/24 09:13	1
Phorate	<0.220	U *+	0.569	0.220	ug/L		11/13/24 05:02	12/09/24 09:13	1
p-Phenylene diamine	<0.498	U *-	1.14	0.498	ug/L		11/13/24 05:02	12/09/24 09:13	1
Pronamide	<0.0996	U *+	0.569	0.0996	ug/L		11/13/24 05:02	12/09/24 09:13	1
Safrole, Total	<0.0569	U	0.569	0.0569	ug/L		11/13/24 05:02	12/09/24 09:13	1
Sulfotepp	<0.146	U *+	0.569	0.146	ug/L		11/13/24 05:02	12/09/24 09:13	1
Thionazin	<0.207	U *+	1.14	0.207	ug/L		11/13/24 05:02	12/09/24 09:13	1

Client Sample ID: MW-29-D

Lab Sample ID: 860-86677-9

Date Collected: 11/07/24 13:50

Matrix: Water

Date Received: 11/09/24 08:53

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	132	S1+	35 - 130	11/13/24 05:02	12/09/24 09:13	1
2-Fluorobiphenyl	88		43 - 130	11/13/24 05:02	12/09/24 09:13	1
2-Fluorophenol (Surr)	90		19 - 120	11/13/24 05:02	12/09/24 09:13	1
Nitrobenzene-d5 (Surr)	120		37 - 133	11/13/24 05:02	12/09/24 09:13	1
Phenol-d5 (Surr)	64		8 - 124	11/13/24 05:02	12/09/24 09:13	1
p-Terphenyl-d14	124		47 - 130	11/13/24 05:02	12/09/24 09:13	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	1840		56.9	9.06	ug/L		11/13/24 05:02	12/10/24 00:07	100
1,1'-Biphenyl	579		56.9	9.77	ug/L		11/13/24 05:02	12/10/24 00:07	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	129	I	35 - 130	11/13/24 05:02	12/10/24 00:07	100
2-Fluorobiphenyl	160	S1+	43 - 130	11/13/24 05:02	12/10/24 00:07	100
2-Fluorophenol (Surr)	127	S1+	19 - 120	11/13/24 05:02	12/10/24 00:07	100
Nitrobenzene-d5 (Surr)	136	S1+	37 - 133	11/13/24 05:02	12/10/24 00:07	100
Phenol-d5 (Surr)	126	S1+	8 - 124	11/13/24 05:02	12/10/24 00:07	100
p-Terphenyl-d14	137	S1+	47 - 130	11/13/24 05:02	12/10/24 00:07	100

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	1.51		0.569	0.101	ug/L		11/13/24 05:02	12/10/24 17:12	1

Client Sample ID: MW-28-S

Lab Sample ID: 860-86677-10

Date Collected: 11/07/24 14:05

Matrix: Water

Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<322	U	500	322	ug/L			11/13/24 20:57	500
1,1,1-Trichloroethane	<293	U	2500	293	ug/L			11/13/24 20:57	500
1,1,2,2-Tetrachloroethane	<235	U	500	235	ug/L			11/13/24 20:57	500
1,1,2-Trichloro-1,2,2-trifluoroethane	<555	U	5000	555	ug/L			11/13/24 20:57	500
1,1,2-Trichloroethane	<206	U	500	206	ug/L			11/13/24 20:57	500
1,1-Dichloroethane	<318	U	500	318	ug/L			11/13/24 20:57	500
1,1-Dichloroethene	<369	U	500	369	ug/L			11/13/24 20:57	500
1,2,3-Trichloropropane	<235	U	500	235	ug/L			11/13/24 20:57	500
1,2,4-Trimethylbenzene	<209	U	500	209	ug/L			11/13/24 20:57	500
1,2-Dibromo-3-Chloropropane	<336	U	2500	336	ug/L			11/13/24 20:57	500
1,2-Dibromoethane	<500	U	2500	500	ug/L			11/13/24 20:57	500
1,2-Dichloroethane	<186	U	500	186	ug/L			11/13/24 20:57	500
1,2-Dichloropropane	<278	U	2500	278	ug/L			11/13/24 20:57	500
1,3,5-Trimethylbenzene	<206	U	500	206	ug/L			11/13/24 20:57	500
1,3-Butadiene	<284	U	500	284	ug/L			11/13/24 20:57	500
2,2,4-Trimethylpentane	<250	U	2500	250	ug/L			11/13/24 20:57	500
2-Butanone (MEK)	<4140	U	25000	4140	ug/L			11/13/24 20:57	500
2-Hexanone (MBK)	<2500	U	25000	2500	ug/L			11/13/24 20:57	500
2-Propanol	<2610	U	5000	2610	ug/L			11/13/24 20:57	500
3-Chloropropene (Allyl Chloride)	<299	U	2500	299	ug/L			11/13/24 20:57	500
4-Methyl-2-pentanone	<2500	U	25000	2500	ug/L			11/13/24 20:57	500

Client Sample ID: MW-28-S
Date Collected: 11/07/24 14:05
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<1530	U	50000	1530	ug/L			11/13/24 20:57	500
Acetonitrile	<7300	U	50000	7300	ug/L			11/13/24 20:57	500
Acrolein	<5560	U	25000	5560	ug/L			11/13/24 20:57	500
Acrylonitrile	<7160	U	25000	7160	ug/L			11/13/24 20:57	500
alpha-Chlorotoluene	<1130	U	2500	1130	ug/L			11/13/24 20:57	500
Benzene	**967**		500	230	ug/L			11/13/24 20:57	500
Bromodichloromethane	<276	U	500	276	ug/L			11/13/24 20:57	500
Bromoform	<317	U	2500	317	ug/L			11/13/24 20:57	500
Bromomethane	<710	U	2500	710	ug/L			11/13/24 20:57	500
Carbon disulfide	<825	U	2500	825	ug/L			11/13/24 20:57	500
Chlorobenzene	<228	U	500	228	ug/L			11/13/24 20:57	500
Chlorodibromomethane	<274	U	2500	274	ug/L			11/13/24 20:57	500
Chloroethane	<992	U	5000	992	ug/L			11/13/24 20:57	500
Chloroform	**11300**		500	232	ug/L			11/13/24 20:57	500
Chloromethane	<1020	U	5000	1020	ug/L			11/13/24 20:57	500
Chloroprene	<299	U	2500	299	ug/L			11/13/24 20:57	500
cis-1,2-Dichloroethene	<229	U	500	229	ug/L			11/13/24 20:57	500
cis-1,3-Dichloropropene	<534	U	2500	534	ug/L			11/13/24 20:57	500
Cumene (isopropylbenzene)	<296	U	500	296	ug/L			11/13/24 20:57	500
Cyclohexane	<643	U	2500	643	ug/L			11/13/24 20:57	500
Dibromomethane	<179	U	500	179	ug/L			11/13/24 20:57	500
Dichlorodifluoromethane	<393	U	500	393	ug/L			11/13/24 20:57	500
Ethyl methacrylate	<559	U	2500	559	ug/L			11/13/24 20:57	500
Ethylbenzene	<193	U	500	193	ug/L			11/13/24 20:57	500
Hexane	<259	U	2500	259	ug/L			11/13/24 20:57	500
Iodomethane	<2500	U	10000	2500	ug/L			11/13/24 20:57	500
Isobutanol	<8550	U	25000	8550	ug/L			11/13/24 20:57	500
Methacrylonitrile	<1360	U	5000	1360	ug/L			11/13/24 20:57	500
Methyl methacrylate	<1130	U	5000	1130	ug/L			11/13/24 20:57	500
Methyl tert-butyl ether	<696	U	2500	696	ug/L			11/13/24 20:57	500
Methylene Chloride	<863	U	2500	863	ug/L			11/13/24 20:57	500
Propionitrile	<1670	U	5000	1670	ug/L			11/13/24 20:57	500
Propylbenzene	<215	U	500	215	ug/L			11/13/24 20:57	500
Styrene	<310	U	500	310	ug/L			11/13/24 20:57	500
Tetrachloroethene	<328	U	500	328	ug/L			11/13/24 20:57	500
Tetrahydrofuran	<917	U	5000	917	ug/L			11/13/24 20:57	500
Toluene	<238	U	500	238	ug/L			11/13/24 20:57	500
trans-1,2-Dichloroethene	<184	U	500	184	ug/L			11/13/24 20:57	500
trans-1,3-Dichloropropene	<634	U	2500	634	ug/L			11/13/24 20:57	500
trans-1,4-Dichloro-2-butene	<675	U	5000	675	ug/L			11/13/24 20:57	500
Trichloroethene	<750	U	2500	750	ug/L			11/13/24 20:57	500
Trichlorofluoromethane	<280	U	500	280	ug/L			11/13/24 20:57	500
Vinyl acetate	<1070	U	10000	1070	ug/L			11/13/24 20:57	500
Vinyl chloride	<214	U	1000	214	ug/L			11/13/24 20:57	500
Xylenes, Total	<620	U	5000	620	ug/L			11/13/24 20:57	500
m,p-Xylenes	<0.620	U	5.00	0.620	mg/L			11/13/24 20:57	500
o-Xylene	<0.251	U	0.500	0.251	mg/L			11/13/24 20:57	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*11/13/24 20:57*	*500*

Client Sample ID: MW-28-S
Date Collected: 11/07/24 14:05
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*11/13/24 20:57*	*500*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*11/13/24 20:57*	*500*
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/13/24 20:57*	*500*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	**51200**		10000	1790	ug/L			11/14/24 12:33	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*		*11/14/24 12:33*	*2000*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*11/14/24 12:33*	*2000*
Dibromofluoromethane (Surr)	*105*		*75 - 131*		*11/14/24 12:33*	*2000*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/14/24 12:33*	*2000*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0758	U	0.565	0.0758	ug/L		11/13/24 05:02	12/09/24 09:43	1
1,2-Dichlorobenzene	**3.23**		0.565	0.0930	ug/L		11/13/24 05:02	12/09/24 09:43	1
1,3-Dichlorobenzene	**0.294**	**J**	0.565	0.101	ug/L		11/13/24 05:02	12/09/24 09:43	1
1,4-Dichlorobenzene	**4.57**		0.565	0.0770	ug/L		11/13/24 05:02	12/09/24 09:43	1
2,2'-oxybis[1-chloropropane]	<1.41	U	2.82	1.41	ug/L		11/13/24 05:02	12/09/24 09:43	1
2,4,5-Trichlorophenol	<0.142	U	0.565	0.142	ug/L		11/13/24 05:02	12/09/24 09:43	1
2,4,6-Trichlorophenol	<0.228	U	0.565	0.228	ug/L		11/13/24 05:02	12/09/24 09:43	1
2,4-Dichlorophenol	**0.188**	**J**	0.565	0.138	ug/L		11/13/24 05:02	12/09/24 09:43	1
2,4-Dimethylphenol	<0.190	U *+	0.565	0.190	ug/L		11/13/24 05:02	12/09/24 09:43	1
1,4-Dioxane	**3.03**		0.565	0.0880	ug/L		11/13/24 05:02	12/09/24 09:43	1
2,4-Dinitrophenol	<0.103	U	2.82	0.103	ug/L		11/13/24 05:02	12/09/24 09:43	1
2,4-Dinitrotoluene	<0.202	U	0.565	0.202	ug/L		11/13/24 05:02	12/09/24 09:43	1
2,6-Dinitrotoluene	<0.115	U	0.565	0.115	ug/L		11/13/24 05:02	12/09/24 09:43	1
2-Chloronaphthalene	<0.374	U	0.565	0.374	ug/L		11/13/24 05:02	12/09/24 09:43	1
2-Methylnaphthalene	<0.0596	U	0.565	0.0596	ug/L		11/13/24 05:02	12/09/24 09:43	1
2-Methylphenol	**0.275**	**J**	0.565	0.104	ug/L		11/13/24 05:02	12/09/24 09:43	1
2-Nitroaniline	<0.147	U	0.565	0.147	ug/L		11/13/24 05:02	12/09/24 09:43	1
2-Nitrophenol	<0.135	U	0.565	0.135	ug/L		11/13/24 05:02	12/09/24 09:43	1
3 & 4 Methylphenol	**0.637**		0.565	0.137	ug/L		11/13/24 05:02	12/09/24 09:43	1
3-Nitroaniline	<0.0843	U	0.565	0.0843	ug/L		11/13/24 05:02	12/09/24 09:43	1
4,6-Dinitro-2-methylphenol	<0.199	U	1.13	0.199	ug/L		11/13/24 05:02	12/09/24 09:43	1
4-Bromophenyl phenyl ether	<0.0992	U	0.565	0.0992	ug/L		11/13/24 05:02	12/09/24 09:43	1
4-Chloro-3-methylphenol	<0.102	U	0.565	0.102	ug/L		11/13/24 05:02	12/09/24 09:43	1
4-Chloroaniline	<0.0381	U	0.565	0.0381	ug/L		11/13/24 05:02	12/09/24 09:43	1
4-Chlorophenyl phenyl ether	<0.129	U	0.565	0.129	ug/L		11/13/24 05:02	12/09/24 09:43	1
4-Nitroaniline	<0.107	U	0.565	0.107	ug/L		11/13/24 05:02	12/09/24 09:43	1
Acenaphthene	<0.106	U	0.565	0.106	ug/L		11/13/24 05:02	12/09/24 09:43	1
Acenaphthylene	<0.0985	U	0.565	0.0985	ug/L		11/13/24 05:02	12/09/24 09:43	1
Aniline	<0.0573	U	0.565	0.0573	ug/L		11/13/24 05:02	12/09/24 09:43	1
Anthracene	<0.0927	U	0.565	0.0927	ug/L		11/13/24 05:02	12/09/24 09:43	1
Benzo[a]anthracene	<0.0282	U	0.0282	0.0282	ug/L		11/13/24 05:02	12/09/24 09:43	1
Benzo[a]pyrene	<0.0297	U *3	0.0565	0.0297	ug/L		11/13/24 05:02	12/09/24 09:43	1
Benzo[b]fluoranthene	<0.0656	U	0.565	0.0656	ug/L		11/13/24 05:02	12/09/24 09:43	1
Benzo[g,h,i]perylene	<0.0341	U *3	0.565	0.0341	ug/L		11/13/24 05:02	12/09/24 09:43	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: MW-28-S
Date Collected: 11/07/24 14:05
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-10
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	<0.0467	U	0.565	0.0467	ug/L		11/13/24 05:02	12/09/24 09:43	1
Benzyl alcohol	**5.56**	**I *-**	1.13	0.593	ug/L		11/13/24 05:02	12/09/24 09:43	1
Bis(2-chloroethoxy)methane	<0.0963	U	0.565	0.0963	ug/L		11/13/24 05:02	12/09/24 09:43	1
Bis(2-chloroethyl)ether	<0.212	U *+	0.565	0.212	ug/L		11/13/24 05:02	12/09/24 09:43	1
Bis(2-ethylhexyl) phthalate	<0.890	U	1.13	0.890	ug/L		11/13/24 05:02	12/09/24 09:43	1
Butyl benzyl phthalate	<0.494	U	1.13	0.494	ug/L		11/13/24 05:02	12/09/24 09:43	1
Chrysene	<0.0806	U	0.565	0.0806	ug/L		11/13/24 05:02	12/09/24 09:43	1
Dibenz(a,h)anthracene	<0.0503	U *3	0.113	0.0503	ug/L		11/13/24 05:02	12/09/24 09:43	1
Dibenzofuran	**1.84**		0.565	0.105	ug/L		11/13/24 05:02	12/09/24 09:43	1
Diethyl phthalate	**0.199**	**J**	1.13	0.153	ug/L		11/13/24 05:02	12/09/24 09:43	1
Dimethyl phthalate	<0.107	U *+	1.13	0.107	ug/L		11/13/24 05:02	12/09/24 09:43	1
Di-n-butyl phthalate	<0.756	U	1.13	0.756	ug/L		11/13/24 05:02	12/09/24 09:43	1
Di-n-octyl phthalate	<0.266	U	1.13	0.266	ug/L		11/13/24 05:02	12/09/24 09:43	1
Fluoranthene	<0.0873	U	0.565	0.0873	ug/L		11/13/24 05:02	12/09/24 09:43	1
Fluorene	<0.0937	U	0.565	0.0937	ug/L		11/13/24 05:02	12/09/24 09:43	1
Hexachlorobenzene	<0.0964	U	0.565	0.0964	ug/L		11/13/24 05:02	12/09/24 09:43	1
Hexachlorobutadiene	<0.102	U	0.565	0.102	ug/L		11/13/24 05:02	12/09/24 09:43	1
Hexachlorocyclopentadiene	<0.0506	U	0.565	0.0506	ug/L		11/13/24 05:02	12/09/24 09:43	1
Indeno[1,2,3-cd]pyrene	<0.0989	U *3	0.565	0.0989	ug/L		11/13/24 05:02	12/09/24 09:43	1
Isophorone	<0.105	U	0.565	0.105	ug/L		11/13/24 05:02	12/09/24 09:43	1
Naphthalene	**15.2**		0.565	0.0934	ug/L		11/13/24 05:02	12/09/24 09:43	1
Nitrobenzene	<0.0728	U	0.565	0.0728	ug/L		11/13/24 05:02	12/09/24 09:43	1
N-Nitrosodi-n-propylamine	<0.117	U	0.565	0.117	ug/L		11/13/24 05:02	12/09/24 09:43	1
N-Nitrosodiphenylamine	<0.143	U	0.565	0.143	ug/L		11/13/24 05:02	12/09/24 09:43	1
Pentachlorophenol	<1.03	U	1.13	1.03	ug/L		11/13/24 05:02	12/09/24 09:43	1
Phenanthrene	<0.132	U	0.565	0.132	ug/L		11/13/24 05:02	12/09/24 09:43	1
Pyrene	<0.0839	U	0.565	0.0839	ug/L		11/13/24 05:02	12/09/24 09:43	1
Pyridine	<1.42	U *-	2.82	1.42	ug/L		11/13/24 05:02	12/09/24 09:43	1
N-Nitro-o-toluidine	<0.514	U	1.13	0.514	ug/L		11/13/24 05:02	12/09/24 09:43	1
2,3,4,6-Tetrachlorophenol	<0.208	U	0.565	0.208	ug/L		11/13/24 05:02	12/09/24 09:43	1
Acetophenone	**3.06**		1.13	0.617	ug/L		11/13/24 05:02	12/09/24 09:43	1
N-Nitrosopiperidine	<0.462	U	1.13	0.462	ug/L		11/13/24 05:02	12/09/24 09:43	1
Pentachlorobenzene	<0.263	U	0.565	0.263	ug/L		11/13/24 05:02	12/09/24 09:43	1
4-Aminobiphenyl	<0.390	U	0.565	0.390	ug/L		11/13/24 05:02	12/09/24 09:43	1
1,2,4,5-Tetrachlorobenzene	<0.0946	U	0.565	0.0946	ug/L		11/13/24 05:02	12/09/24 09:43	1
1,3,5-Trinitrobenzene	<0.117	U	0.565	0.117	ug/L		11/13/24 05:02	12/09/24 09:43	1
1,3-Dinitrobenzene	<0.0764	U	0.565	0.0764	ug/L		11/13/24 05:02	12/09/24 09:43	1
1,4-Naphthoquinone	<0.311	U	0.565	0.311	ug/L		11/13/24 05:02	12/09/24 09:43	1
1-Naphthylamine	<0.147	U	0.565	0.147	ug/L		11/13/24 05:02	12/09/24 09:43	1
2,6-Dichlorophenol	<0.117	U	0.565	0.117	ug/L		11/13/24 05:02	12/09/24 09:43	1
2-Acetylaminofluorene	<1.25	U	2.82	1.25	ug/L		11/13/24 05:02	12/09/24 09:43	1
2-Chlorophenol	**0.635**		0.565	0.0748	ug/L		11/13/24 05:02	12/09/24 09:43	1
2-Naphthylamine	<0.285	U	0.565	0.285	ug/L		11/13/24 05:02	12/09/24 09:43	1
2-Picoline	<0.121	U	0.565	0.121	ug/L		11/13/24 05:02	12/09/24 09:43	1
2-Toluidine	<0.303	U	0.565	0.303	ug/L		11/13/24 05:02	12/09/24 09:43	1
3,3'-Dichlorobenzidine	<0.181	U	0.565	0.181	ug/L		11/13/24 05:02	12/09/24 09:43	1
3,3'-Dimethylbenzidine	<0.140	U	0.565	0.140	ug/L		11/13/24 05:02	12/09/24 09:43	1
3-Methylcholanthrene	<0.103	U *3	0.565	0.103	ug/L		11/13/24 05:02	12/09/24 09:43	1
4-Nitroquinoline-1-oxide	<0.722	U	1.13	0.722	ug/L		11/13/24 05:02	12/09/24 09:43	1

Client Sample ID: MW-28-S
Lab Sample ID: 860-86677-10
Date Collected: 11/07/24 14:05
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
7,12-Dimethylbenz(a)anthracene	<0.238	U	0.565	0.238	ug/L		11/13/24 05:02	12/09/24 09:43	1
alpha,alpha-Dimethyl phenethylamine	<3.63	U	5.65	3.63	ug/L		11/13/24 05:02	12/09/24 09:43	1
Aramite Peak 1	<0.0776	U	0.565	0.0776	ug/L		11/13/24 05:02	12/09/24 09:43	1
Aramite Peak 2	<0.0943	U	0.565	0.0943	ug/L		11/13/24 05:02	12/09/24 09:43	1
Aramite, Total	<0.0943	U	0.565	0.0943	ug/L		11/13/24 05:02	12/09/24 09:43	1
Diallate	<0.0825	U	0.565	0.0825	ug/L		11/13/24 05:02	12/09/24 09:43	1
Diallate Peak 1	<0.0825	U	0.565	0.0825	ug/L		11/13/24 05:02	12/09/24 09:43	1
Diallate Peak 2	<0.0381	U	0.565	0.0381	ug/L		11/13/24 05:02	12/09/24 09:43	1
Dimethoate	<0.120	U *+	0.565	0.120	ug/L		11/13/24 05:02	12/09/24 09:43	1
Dinoseb	<0.563	U *+	2.82	0.563	ug/L		11/13/24 05:02	12/09/24 09:43	1
Disulfoton	<0.200	U *+	0.565	0.200	ug/L		11/13/24 05:02	12/09/24 09:43	1
Ethyl methanesulfonate	<0.224	U	0.565	0.224	ug/L		11/13/24 05:02	12/09/24 09:43	1
Ethyl Parathion	<0.0496	U *+	0.226	0.0496	ug/L		11/13/24 05:02	12/09/24 09:43	1
Famphur	<0.149	U *+	1.13	0.149	ug/L		11/13/24 05:02	12/09/24 09:43	1
Hexachloropropene	<0.296	U *-	0.565	0.296	ug/L		11/13/24 05:02	12/09/24 09:43	1
Isosafrole	<0.238	U	0.565	0.238	ug/L		11/13/24 05:02	12/09/24 09:43	1
Isosafrole Peak 1	<0.0458	U	0.565	0.0458	ug/L		11/13/24 05:02	12/09/24 09:43	1
Isosafrole Peak 2	<0.238	U	0.565	0.238	ug/L		11/13/24 05:02	12/09/24 09:43	1
Methapyrilene	<0.988	U *+	2.26	0.988	ug/L		11/13/24 05:02	12/09/24 09:43	1
Methyl methanesulfonate	<0.119	U	0.565	0.119	ug/L		11/13/24 05:02	12/09/24 09:43	1
Methyl parathion	<0.316	U *+	0.565	0.316	ug/L		11/13/24 05:02	12/09/24 09:43	1
N-Nitrosodiethylamine	<0.532	U	1.13	0.532	ug/L		11/13/24 05:02	12/09/24 09:43	1
N-Nitrosodimethylamine	<0.0989	U *-	0.565	0.0989	ug/L		11/13/24 05:02	12/09/24 09:43	1
N-Nitrosodi-n-butylamine	<0.510	U	1.13	0.510	ug/L		11/13/24 05:02	12/09/24 09:43	1
N-Nitrosomethylethylamine	<0.290	U	0.565	0.290	ug/L		11/13/24 05:02	12/09/24 09:43	1
N-Nitrosomorpholine	<0.218	U	0.565	0.218	ug/L		11/13/24 05:02	12/09/24 09:43	1
N-Nitrosopyrrolidine	<0.265	U *-	0.565	0.265	ug/L		11/13/24 05:02	12/09/24 09:43	1
o,o',o''-Triethylphosphorothioate	<0.137	U *+	0.565	0.137	ug/L		11/13/24 05:02	12/09/24 09:43	1
p-Dimethylamino azobenzene	<0.0235	U	0.565	0.0235	ug/L		11/13/24 05:02	12/09/24 09:43	1
Pentachloronitrobenzene	<0.0989	U	0.565	0.0989	ug/L		11/13/24 05:02	12/09/24 09:43	1
Phenacetin	<0.0989	U	0.565	0.0989	ug/L		11/13/24 05:02	12/09/24 09:43	1
Phorate	<0.219	U *+	0.565	0.219	ug/L		11/13/24 05:02	12/09/24 09:43	1
p-Phenylene diamine	<0.494	U *-	1.13	0.494	ug/L		11/13/24 05:02	12/09/24 09:43	1
Pronamide	<0.0989	U *+	0.565	0.0989	ug/L		11/13/24 05:02	12/09/24 09:43	1
Safrole, Total	<0.0565	U	0.565	0.0565	ug/L		11/13/24 05:02	12/09/24 09:43	1
Sulfotepp	<0.145	U *+	0.565	0.145	ug/L		11/13/24 05:02	12/09/24 09:43	1
Thionazin	<0.206	U *+	1.13	0.206	ug/L		11/13/24 05:02	12/09/24 09:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*125*		*35 - 130*	*11/13/24 05:02*	*12/09/24 09:43*	*1*
2-Fluorobiphenyl	*77*		*43 - 130*	*11/13/24 05:02*	*12/09/24 09:43*	*1*
2-Fluorophenol (Surr)	*93*		*19 - 120*	*11/13/24 05:02*	*12/09/24 09:43*	*1*
Nitrobenzene-d5 (Surr)	*116*		*37 - 133*	*11/13/24 05:02*	*12/09/24 09:43*	*1*
Phenol-d5 (Surr)	*76*		*8 - 124*	*11/13/24 05:02*	*12/09/24 09:43*	*1*
p-Terphenyl-d14	*118*		*47 - 130*	*11/13/24 05:02*	*12/09/24 09:43*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	**150**	**J**	282	44.3	ug/L		11/13/24 05:02	12/10/24 00:37	100
Diphenyl ether	**4890**		565	90.0	ug/L		11/13/24 05:02	12/11/24 03:00	1000

Client Sample ID: MW-28-S

Lab Sample ID: 860-86677-10

Date Collected: 11/07/24 14:05

Matrix: Water

Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1300		56.5	9.70	ug/L		11/13/24 05:02	12/10/24 00:37	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*105*	*I*	*35 - 130*	*11/13/24 05:02*	*12/10/24 00:37*	*100*
2,4,6-Tribromophenol (Surr)	*0*	*S1-*	*35 - 130*	*11/13/24 05:02*	*12/11/24 03:00*	*1000*
2-Fluorobiphenyl	*169*	*S1+*	*43 - 130*	*11/13/24 05:02*	*12/10/24 00:37*	*100*
2-Fluorobiphenyl	*208*	*I S1+*	*43 - 130*	*11/13/24 05:02*	*12/11/24 03:00*	*1000*
2-Fluorophenol (Surr)	*154*	*S1+*	*19 - 120*	*11/13/24 05:02*	*12/10/24 00:37*	*100*
2-Fluorophenol (Surr)	*138*	*S1+*	*19 - 120*	*11/13/24 05:02*	*12/11/24 03:00*	*1000*
Nitrobenzene-d5 (Surr)	*154*	*S1+*	*37 - 133*	*11/13/24 05:02*	*12/10/24 00:37*	*100*
Nitrobenzene-d5 (Surr)	*56*	*I*	*37 - 133*	*11/13/24 05:02*	*12/11/24 03:00*	*1000*
Phenol-d5 (Surr)	*134*	*S1+*	*8 - 124*	*11/13/24 05:02*	*12/10/24 00:37*	*100*
Phenol-d5 (Surr)	*252*	*S1+*	*8 - 124*	*11/13/24 05:02*	*12/11/24 03:00*	*1000*
p-Terphenyl-d14	*172*	*S1+*	*47 - 130*	*11/13/24 05:02*	*12/10/24 00:37*	*100*
p-Terphenyl-d14	*260*	*I S1+*	*47 - 130*	*11/13/24 05:02*	*12/11/24 03:00*	*1000*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	6.41		0.565	0.101	ug/L		11/13/24 05:02	12/10/24 17:42	1

Client Sample ID: MW-28-D

Lab Sample ID: 860-86677-11

Date Collected: 11/07/24 15:43

Matrix: Water

Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<322	U	500	322	ug/L			11/13/24 21:17	500
1,1,1-Trichloroethane	<293	U	2500	293	ug/L			11/13/24 21:17	500
1,1,2,2-Tetrachloroethane	<235	U	500	235	ug/L			11/13/24 21:17	500
1,1,2-Trichloro-1,2,2-trifluoroethane	<555	U	5000	555	ug/L			11/13/24 21:17	500
1,1,2-Trichloroethane	<206	U	500	206	ug/L			11/13/24 21:17	500
1,1-Dichloroethane	<318	U	500	318	ug/L			11/13/24 21:17	500
1,1-Dichloroethene	<369	U	500	369	ug/L			11/13/24 21:17	500
1,2,3-Trichloropropane	<235	U	500	235	ug/L			11/13/24 21:17	500
1,2,4-Trimethylbenzene	<209	U	500	209	ug/L			11/13/24 21:17	500
1,2-Dibromo-3-Chloropropane	<336	U	2500	336	ug/L			11/13/24 21:17	500
1,2-Dibromoethane	<500	U	2500	500	ug/L			11/13/24 21:17	500
1,2-Dichloroethane	<186	U	500	186	ug/L			11/13/24 21:17	500
1,2-Dichloropropane	<278	U	2500	278	ug/L			11/13/24 21:17	500
1,3,5-Trimethylbenzene	<206	U	500	206	ug/L			11/13/24 21:17	500
1,3-Butadiene	<284	U	500	284	ug/L			11/13/24 21:17	500
2,2,4-Trimethylpentane	<250	U	2500	250	ug/L			11/13/24 21:17	500
2-Butanone (MEK)	<4140	U	25000	4140	ug/L			11/13/24 21:17	500
2-Hexanone (MBK)	<2500	U	25000	2500	ug/L			11/13/24 21:17	500
2-Propanol	<2610	U	5000	2610	ug/L			11/13/24 21:17	500
3-Chloropropene (Allyl Chloride)	<299	U	2500	299	ug/L			11/13/24 21:17	500
4-Methyl-2-pentanone	<2500	U	25000	2500	ug/L			11/13/24 21:17	500
Acetone	<1530	U	50000	1530	ug/L			11/13/24 21:17	500
Acetonitrile	<7300	U	50000	7300	ug/L			11/13/24 21:17	500
Acrolein	<5560	U	25000	5560	ug/L			11/13/24 21:17	500

Client Sample ID: MW-28-D
Date Collected: 11/07/24 15:43
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-11
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrylonitrile	<7160	U	25000	7160	ug/L			11/13/24 21:17	500
alpha-Chlorotoluene	<1130	U	2500	1130	ug/L			11/13/24 21:17	500
Benzene	**350**	**J**	500	230	ug/L			11/13/24 21:17	500
Bromodichloromethane	<276	U	500	276	ug/L			11/13/24 21:17	500
Bromoform	<317	U	2500	317	ug/L			11/13/24 21:17	500
Bromomethane	<710	U	2500	710	ug/L			11/13/24 21:17	500
Carbon disulfide	<825	U	2500	825	ug/L			11/13/24 21:17	500
Carbon tetrachloride	**58000**		2500	448	ug/L			11/13/24 21:17	500
Chlorobenzene	<228	U	500	228	ug/L			11/13/24 21:17	500
Chlorodibromomethane	<274	U	2500	274	ug/L			11/13/24 21:17	500
Chloroethane	<992	U	5000	992	ug/L			11/13/24 21:17	500
Chloroform	**4970**		500	232	ug/L			11/13/24 21:17	500
Chloromethane	<1020	U	5000	1020	ug/L			11/13/24 21:17	500
Chloroprene	<299	U	2500	299	ug/L			11/13/24 21:17	500
cis-1,2-Dichloroethene	<229	U	500	229	ug/L			11/13/24 21:17	500
cis-1,3-Dichloropropene	<534	U	2500	534	ug/L			11/13/24 21:17	500
Cumene (isopropylbenzene)	<296	U	500	296	ug/L			11/13/24 21:17	500
Cyclohexane	<643	U	2500	643	ug/L			11/13/24 21:17	500
Dibromomethane	<179	U	500	179	ug/L			11/13/24 21:17	500
Dichlorodifluoromethane	<393	U	500	393	ug/L			11/13/24 21:17	500
Ethyl methacrylate	<559	U	2500	559	ug/L			11/13/24 21:17	500
Ethylbenzene	<193	U	500	193	ug/L			11/13/24 21:17	500
Hexane	<259	U	2500	259	ug/L			11/13/24 21:17	500
Iodomethane	<2500	U	10000	2500	ug/L			11/13/24 21:17	500
Isobutanol	<8550	U	25000	8550	ug/L			11/13/24 21:17	500
Methacrylonitrile	<1360	U	5000	1360	ug/L			11/13/24 21:17	500
Methyl methacrylate	<1130	U	5000	1130	ug/L			11/13/24 21:17	500
Methyl tert-butyl ether	<696	U	2500	696	ug/L			11/13/24 21:17	500
Methylene Chloride	<863	U	2500	863	ug/L			11/13/24 21:17	500
Propionitrile	<1670	U	5000	1670	ug/L			11/13/24 21:17	500
Propylbenzene	<215	U	500	215	ug/L			11/13/24 21:17	500
Styrene	<310	U	500	310	ug/L			11/13/24 21:17	500
Tetrachloroethene	<328	U	500	328	ug/L			11/13/24 21:17	500
Tetrahydrofuran	<917	U	5000	917	ug/L			11/13/24 21:17	500
Toluene	<238	U	500	238	ug/L			11/13/24 21:17	500
trans-1,2-Dichloroethene	<184	U	500	184	ug/L			11/13/24 21:17	500
trans-1,3-Dichloropropene	<634	U	2500	634	ug/L			11/13/24 21:17	500
trans-1,4-Dichloro-2-butene	<675	U	5000	675	ug/L			11/13/24 21:17	500
Trichloroethene	<750	U	2500	750	ug/L			11/13/24 21:17	500
Trichlorofluoromethane	<280	U	500	280	ug/L			11/13/24 21:17	500
Vinyl acetate	<1070	U	10000	1070	ug/L			11/13/24 21:17	500
Vinyl chloride	<214	U	1000	214	ug/L			11/13/24 21:17	500
Xylenes, Total	<620	U	5000	620	ug/L			11/13/24 21:17	500
m,p-Xylenes	<0.620	U	5.00	0.620	mg/L			11/13/24 21:17	500
o-Xylene	<0.251	U	0.500	0.251	mg/L			11/13/24 21:17	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*11/13/24 21:17*	*500*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*11/13/24 21:17*	*500*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*11/13/24 21:17*	*500*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: MW-28-D

Date Collected: 11/07/24 15:43
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-11

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/13/24 21:17*	*500*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	**0.138**	**J**	0.571	0.0766	ug/L		11/13/24 05:02	12/09/24 10:13	1
1,2-Dichlorobenzene	**4.75**		0.571	0.0941	ug/L		11/13/24 05:02	12/09/24 10:13	1
1,3-Dichlorobenzene	**0.471**	**J**	0.571	0.102	ug/L		11/13/24 05:02	12/09/24 10:13	1
1,4-Dichlorobenzene	**7.38**		0.571	0.0779	ug/L		11/13/24 05:02	12/09/24 10:13	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		11/13/24 05:02	12/09/24 10:13	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/13/24 05:02	12/09/24 10:13	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/13/24 05:02	12/09/24 10:13	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/13/24 05:02	12/09/24 10:13	1
2,4-Dimethylphenol	**0.551**	**J *+ I**	0.571	0.192	ug/L		11/13/24 05:02	12/09/24 10:13	1
1,4-Dioxane	**2.54**		0.571	0.0890	ug/L		11/13/24 05:02	12/09/24 10:13	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/13/24 05:02	12/09/24 10:13	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/13/24 05:02	12/09/24 10:13	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/13/24 05:02	12/09/24 10:13	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/13/24 05:02	12/09/24 10:13	1
2-Methylnaphthalene	**2.51**		0.571	0.0603	ug/L		11/13/24 05:02	12/09/24 10:13	1
2-Methylphenol	**0.235**	**J**	0.571	0.105	ug/L		11/13/24 05:02	12/09/24 10:13	1
2-Nitroaniline	**0.518**	**J I**	0.571	0.149	ug/L		11/13/24 05:02	12/09/24 10:13	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/13/24 05:02	12/09/24 10:13	1
3 & 4 Methylphenol	**0.498**	**J**	0.571	0.139	ug/L		11/13/24 05:02	12/09/24 10:13	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/13/24 05:02	12/09/24 10:13	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/13/24 05:02	12/09/24 10:13	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	12/09/24 10:13	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/13/24 05:02	12/09/24 10:13	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/13/24 05:02	12/09/24 10:13	1
4-Chlorophenyl phenyl ether	**0.212**	**J**	0.571	0.130	ug/L		11/13/24 05:02	12/09/24 10:13	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/13/24 05:02	12/09/24 10:13	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/13/24 05:02	12/09/24 10:13	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/13/24 05:02	12/09/24 10:13	1
Aniline	**0.535**	**J**	0.571	0.0580	ug/L		11/13/24 05:02	12/09/24 10:13	1
Anthracene	**0.112**	**J**	0.571	0.0938	ug/L		11/13/24 05:02	12/09/24 10:13	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/13/24 05:02	12/09/24 10:13	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/13/24 05:02	12/09/24 10:13	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/13/24 05:02	12/09/24 10:13	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/13/24 05:02	12/09/24 10:13	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/13/24 05:02	12/09/24 10:13	1
Benzyl alcohol	**1.91**	**I *-**	1.14	0.600	ug/L		11/13/24 05:02	12/09/24 10:13	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/13/24 05:02	12/09/24 10:13	1
Bis(2-chloroethyl)ether	<0.214	U *+	0.571	0.214	ug/L		11/13/24 05:02	12/09/24 10:13	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/13/24 05:02	12/09/24 10:13	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/13/24 05:02	12/09/24 10:13	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/13/24 05:02	12/09/24 10:13	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/13/24 05:02	12/09/24 10:13	1
Dibenzofuran	**20.7**	**I**	0.571	0.107	ug/L		11/13/24 05:02	12/09/24 10:13	1
Diethyl phthalate	**0.155**	**J**	1.14	0.155	ug/L		11/13/24 05:02	12/09/24 10:13	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/13/24 05:02	12/09/24 10:13	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: MW-28-D
Date Collected: 11/07/24 15:43
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-11
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/13/24 05:02	12/09/24 10:13	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/13/24 05:02	12/09/24 10:13	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/13/24 05:02	12/09/24 10:13	1
Fluorene	**0.599**		0.571	0.0948	ug/L		11/13/24 05:02	12/09/24 10:13	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/13/24 05:02	12/09/24 10:13	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/13/24 05:02	12/09/24 10:13	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/13/24 05:02	12/09/24 10:13	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	12/09/24 10:13	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/13/24 05:02	12/09/24 10:13	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/13/24 05:02	12/09/24 10:13	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/13/24 05:02	12/09/24 10:13	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/13/24 05:02	12/09/24 10:13	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/13/24 05:02	12/09/24 10:13	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/13/24 05:02	12/09/24 10:13	1
Pyridine	<1.44	U *-	2.86	1.44	ug/L		11/13/24 05:02	12/09/24 10:13	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/13/24 05:02	12/09/24 10:13	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/13/24 05:02	12/09/24 10:13	1
Acetophenone	**4.36**		1.14	0.624	ug/L		11/13/24 05:02	12/09/24 10:13	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/13/24 05:02	12/09/24 10:13	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/13/24 05:02	12/09/24 10:13	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/13/24 05:02	12/09/24 10:13	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/13/24 05:02	12/09/24 10:13	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/13/24 05:02	12/09/24 10:13	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/13/24 05:02	12/09/24 10:13	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/13/24 05:02	12/09/24 10:13	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/13/24 05:02	12/09/24 10:13	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/13/24 05:02	12/09/24 10:13	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		11/13/24 05:02	12/09/24 10:13	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/13/24 05:02	12/09/24 10:13	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/13/24 05:02	12/09/24 10:13	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/13/24 05:02	12/09/24 10:13	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/13/24 05:02	12/09/24 10:13	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/13/24 05:02	12/09/24 10:13	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/13/24 05:02	12/09/24 10:13	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/13/24 05:02	12/09/24 10:13	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/13/24 05:02	12/09/24 10:13	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/13/24 05:02	12/09/24 10:13	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		11/13/24 05:02	12/09/24 10:13	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		11/13/24 05:02	12/09/24 10:13	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/13/24 05:02	12/09/24 10:13	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/13/24 05:02	12/09/24 10:13	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/13/24 05:02	12/09/24 10:13	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/13/24 05:02	12/09/24 10:13	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/13/24 05:02	12/09/24 10:13	1
Dimethoate	<0.122	U *+	0.571	0.122	ug/L		11/13/24 05:02	12/09/24 10:13	1
Dinoseb	<0.570	U *+	2.86	0.570	ug/L		11/13/24 05:02	12/09/24 10:13	1
Disulfoton	<0.203	U *+	0.571	0.203	ug/L		11/13/24 05:02	12/09/24 10:13	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/13/24 05:02	12/09/24 10:13	1
Ethyl Parathion	<0.0502	U *+	0.229	0.0502	ug/L		11/13/24 05:02	12/09/24 10:13	1

Client Sample ID: MW-28-D
Date Collected: 11/07/24 15:43
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-11
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Famphur	<0.151	U *+	1.14	0.151	ug/L		11/13/24 05:02	12/09/24 10:13	1
Hexachloropropene	<0.300	U *-	0.571	0.300	ug/L		11/13/24 05:02	12/09/24 10:13	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/13/24 05:02	12/09/24 10:13	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/13/24 05:02	12/09/24 10:13	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/13/24 05:02	12/09/24 10:13	1
Methapyrilene	<1.00	U *+	2.29	1.00	ug/L		11/13/24 05:02	12/09/24 10:13	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/13/24 05:02	12/09/24 10:13	1
Methyl parathion	<0.319	U *+	0.571	0.319	ug/L		11/13/24 05:02	12/09/24 10:13	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/13/24 05:02	12/09/24 10:13	1
N-Nitrosodimethylamine	<0.100	U *-	0.571	0.100	ug/L		11/13/24 05:02	12/09/24 10:13	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/13/24 05:02	12/09/24 10:13	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/13/24 05:02	12/09/24 10:13	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/13/24 05:02	12/09/24 10:13	1
N-Nitrosopyrrolidine	<0.268	U *-	0.571	0.268	ug/L		11/13/24 05:02	12/09/24 10:13	1
o,o',o''-Triethylphosphorothioate	**2.09**	***+**	0.571	0.138	ug/L		11/13/24 05:02	12/09/24 10:13	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		11/13/24 05:02	12/09/24 10:13	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	12/09/24 10:13	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	12/09/24 10:13	1
Phorate	<0.221	U *+	0.571	0.221	ug/L		11/13/24 05:02	12/09/24 10:13	1
p-Phenylene diamine	<0.500	U *-	1.14	0.500	ug/L		11/13/24 05:02	12/09/24 10:13	1
Pronamide	<0.100	U *+	0.571	0.100	ug/L		11/13/24 05:02	12/09/24 10:13	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/13/24 05:02	12/09/24 10:13	1
Sulfotepp	**0.305**	**J *+**	0.571	0.147	ug/L		11/13/24 05:02	12/09/24 10:13	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/13/24 05:02	12/09/24 10:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*157*	*S1+*	*35 - 130*	*11/13/24 05:02*	*12/09/24 10:13*	*1*
2-Fluorobiphenyl	*86*		*43 - 130*	*11/13/24 05:02*	*12/09/24 10:13*	*1*
2-Fluorophenol (Surr)	*92*		*19 - 120*	*11/13/24 05:02*	*12/09/24 10:13*	*1*
Nitrobenzene-d5 (Surr)	*117*		*37 - 133*	*11/13/24 05:02*	*12/09/24 10:13*	*1*
Phenol-d5 (Surr)	*74*		*8 - 124*	*11/13/24 05:02*	*12/09/24 10:13*	*1*
p-Terphenyl-d14	*128*		*47 - 130*	*11/13/24 05:02*	*12/09/24 10:13*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	**24.9**	**J I**	28.6	4.48	ug/L		11/13/24 05:02	12/15/24 21:56	10
Diphenyl ether	**53000**		2290	364	ug/L		11/13/24 05:02	12/11/24 03:29	4000
1,1'-Biphenyl	**15500**		2290	393	ug/L		11/13/24 05:02	12/11/24 03:29	4000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*S1-*	*35 - 130*	*11/13/24 05:02*	*12/11/24 03:29*	*4000*
2,4,6-Tribromophenol (Surr)	*95*		*35 - 130*	*11/13/24 05:02*	*12/15/24 21:56*	*10*
2-Fluorobiphenyl	*250*	*I S1+*	*43 - 130*	*11/13/24 05:02*	*12/11/24 03:29*	*4000*
2-Fluorobiphenyl	*80*		*43 - 130*	*11/13/24 05:02*	*12/15/24 21:56*	*10*
2-Fluorophenol (Surr)	*0*	*S1-*	*19 - 120*	*11/13/24 05:02*	*12/11/24 03:29*	*4000*
2-Fluorophenol (Surr)	*84*		*19 - 120*	*11/13/24 05:02*	*12/15/24 21:56*	*10*
Nitrobenzene-d5 (Surr)	*0*	*S1-*	*37 - 133*	*11/13/24 05:02*	*12/11/24 03:29*	*4000*
Nitrobenzene-d5 (Surr)	*97*		*37 - 133*	*11/13/24 05:02*	*12/15/24 21:56*	*10*
Phenol-d5 (Surr)	*0*	*S1-*	*8 - 124*	*11/13/24 05:02*	*12/11/24 03:29*	*4000*
Phenol-d5 (Surr)	*61*		*8 - 124*	*11/13/24 05:02*	*12/15/24 21:56*	*10*

Client Sample ID: MW-28-D
Lab Sample ID: 860-86677-11

Date Collected: 11/07/24 15:43
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14	*281*	*S1+*	*47 - 130*	*11/13/24 05:02*	*12/11/24 03:29*	*4000*
p-Terphenyl-d14	*148*	*S1+*	*47 - 130*	*11/13/24 05:02*	*12/15/24 21:56*	*10*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	**6.19**		0.571	0.102	ug/L		11/13/24 05:02	12/10/24 18:11	1
Naphthalene	**19.5**		0.571	0.0944	ug/L		11/13/24 05:02	12/10/24 18:11	1
Phenanthrene	**0.689**		0.571	0.134	ug/L		11/13/24 05:02	12/10/24 18:11	1

Client Sample ID: FB-02
Lab Sample ID: 860-86677-12

Date Collected: 11/07/24 15:43
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/13/24 16:04	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/13/24 16:04	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/13/24 16:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/13/24 16:04	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/13/24 16:04	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/13/24 16:04	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/13/24 16:04	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/13/24 16:04	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/13/24 16:04	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/13/24 16:04	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/13/24 16:04	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/13/24 16:04	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/13/24 16:04	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/13/24 16:04	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/13/24 16:04	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/13/24 16:04	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/13/24 16:04	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/13/24 16:04	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/13/24 16:04	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/13/24 16:04	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/13/24 16:04	1
Acetone	**14.0**	**J**	100	3.07	ug/L			11/13/24 16:04	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/13/24 16:04	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/13/24 16:04	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/13/24 16:04	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/13/24 16:04	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/13/24 16:04	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/13/24 16:04	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/13/24 16:04	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/13/24 16:04	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/13/24 16:04	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/13/24 16:04	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/13/24 16:04	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/13/24 16:04	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/13/24 16:04	1

Client Sample ID: FB-02
Lab Sample ID: 860-86677-12

Date Collected: 11/07/24 15:43
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<0.464	U	1.00	0.464	ug/L			11/13/24 16:04	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/13/24 16:04	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/13/24 16:04	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/13/24 16:04	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/13/24 16:04	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/13/24 16:04	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/13/24 16:04	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/13/24 16:04	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/13/24 16:04	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/13/24 16:04	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/13/24 16:04	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/13/24 16:04	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/13/24 16:04	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/13/24 16:04	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/13/24 16:04	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/13/24 16:04	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/13/24 16:04	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/13/24 16:04	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/13/24 16:04	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/13/24 16:04	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/13/24 16:04	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/13/24 16:04	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/13/24 16:04	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/13/24 16:04	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/13/24 16:04	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/13/24 16:04	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/13/24 16:04	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/13/24 16:04	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/13/24 16:04	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/13/24 16:04	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/13/24 16:04	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/13/24 16:04	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/13/24 16:04	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/13/24 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*		*11/13/24 16:04*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*11/13/24 16:04*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*11/13/24 16:04*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/13/24 16:04*	*1*

Client Sample ID: DUPE-02
Lab Sample ID: 860-86677-13

Date Collected: 11/07/24 00:00
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<322	U	500	322	ug/L			11/14/24 11:35	500
1,1,1-Trichloroethane	<293	U	2500	293	ug/L			11/14/24 11:35	500
1,1,2,2-Tetrachloroethane	<235	U	500	235	ug/L			11/14/24 11:35	500

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: DUPE-02
Date Collected: 11/07/24 00:00
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-13
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	<555	U	5000	555	ug/L			11/14/24 11:35	500
1,1,2-Trichloroethane	<206	U	500	206	ug/L			11/14/24 11:35	500
1,1-Dichloroethane	<318	U	500	318	ug/L			11/14/24 11:35	500
1,1-Dichloroethene	<369	U	500	369	ug/L			11/14/24 11:35	500
1,2,3-Trichloropropane	<235	U	500	235	ug/L			11/14/24 11:35	500
1,2,4-Trimethylbenzene	<209	U	500	209	ug/L			11/14/24 11:35	500
1,2-Dibromo-3-Chloropropane	<336	U	2500	336	ug/L			11/14/24 11:35	500
1,2-Dibromoethane	<500	U	2500	500	ug/L			11/14/24 11:35	500
1,2-Dichloroethane	<186	U	500	186	ug/L			11/14/24 11:35	500
1,2-Dichloropropane	<278	U	2500	278	ug/L			11/14/24 11:35	500
1,3,5-Trimethylbenzene	<206	U	500	206	ug/L			11/14/24 11:35	500
1,3-Butadiene	<284	U	500	284	ug/L			11/14/24 11:35	500
2,2,4-Trimethylpentane	<250	U	2500	250	ug/L			11/14/24 11:35	500
2-Butanone (MEK)	<4140	U	25000	4140	ug/L			11/14/24 11:35	500
2-Hexanone (MBK)	<2500	U	25000	2500	ug/L			11/14/24 11:35	500
2-Propanol	<2610	U	5000	2610	ug/L			11/14/24 11:35	500
3-Chloropropene (Allyl Chloride)	<299	U	2500	299	ug/L			11/14/24 11:35	500
4-Methyl-2-pentanone	<2500	U	25000	2500	ug/L			11/14/24 11:35	500
Acetone	<1530	U	50000	1530	ug/L			11/14/24 11:35	500
Acetonitrile	<7300	U	50000	7300	ug/L			11/14/24 11:35	500
Acrolein	<5560	U	25000	5560	ug/L			11/14/24 11:35	500
Acrylonitrile	<7160	U	25000	7160	ug/L			11/14/24 11:35	500
alpha-Chlorotoluene	<1130	U	2500	1130	ug/L			11/14/24 11:35	500
Benzene	**480**	**J**	500	230	ug/L			11/14/24 11:35	500
Bromodichloromethane	<276	U	500	276	ug/L			11/14/24 11:35	500
Bromoform	<317	U	2500	317	ug/L			11/14/24 11:35	500
Bromomethane	<710	U	2500	710	ug/L			11/14/24 11:35	500
Carbon disulfide	<825	U	2500	825	ug/L			11/14/24 11:35	500
Chlorobenzene	<228	U	500	228	ug/L			11/14/24 11:35	500
Chlorodibromomethane	<274	U	2500	274	ug/L			11/14/24 11:35	500
Chloroethane	<992	U	5000	992	ug/L			11/14/24 11:35	500
Chloroform	**1860**		500	232	ug/L			11/14/24 11:35	500
Chloromethane	<1020	U	5000	1020	ug/L			11/14/24 11:35	500
Chloroprene	<299	U	2500	299	ug/L			11/14/24 11:35	500
cis-1,2-Dichloroethene	<229	U	500	229	ug/L			11/14/24 11:35	500
cis-1,3-Dichloropropene	<534	U	2500	534	ug/L			11/14/24 11:35	500
Cumene (isopropylbenzene)	<296	U	500	296	ug/L			11/14/24 11:35	500
Cyclohexane	<643	U	2500	643	ug/L			11/14/24 11:35	500
Dibromomethane	<179	U	500	179	ug/L			11/14/24 11:35	500
Dichlorodifluoromethane	<393	U	500	393	ug/L			11/14/24 11:35	500
Ethyl methacrylate	<559	U	2500	559	ug/L			11/14/24 11:35	500
Ethylbenzene	<193	U	500	193	ug/L			11/14/24 11:35	500
Hexane	<259	U	2500	259	ug/L			11/14/24 11:35	500
Iodomethane	<2500	U	10000	2500	ug/L			11/14/24 11:35	500
Isobutanol	<8550	U	25000	8550	ug/L			11/14/24 11:35	500
Methacrylonitrile	<1360	U	5000	1360	ug/L			11/14/24 11:35	500
Methyl methacrylate	<1130	U	5000	1130	ug/L			11/14/24 11:35	500
Methyl tert-butyl ether	<696	U	2500	696	ug/L			11/14/24 11:35	500
Methylene Chloride	<863	U	2500	863	ug/L			11/14/24 11:35	500

Client Sample ID: DUPE-02
Date Collected: 11/07/24 00:00
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-13
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Propionitrile	<1670	U	5000	1670	ug/L			11/14/24 11:35	500
Propylbenzene	<215	U	500	215	ug/L			11/14/24 11:35	500
Styrene	<310	U	500	310	ug/L			11/14/24 11:35	500
Tetrachloroethene	<328	U	500	328	ug/L			11/14/24 11:35	500
Tetrahydrofuran	<917	U	5000	917	ug/L			11/14/24 11:35	500
Toluene	<238	U	500	238	ug/L			11/14/24 11:35	500
trans-1,2-Dichloroethene	<184	U	500	184	ug/L			11/14/24 11:35	500
trans-1,3-Dichloropropene	<634	U	2500	634	ug/L			11/14/24 11:35	500
trans-1,4-Dichloro-2-butene	<675	U	5000	675	ug/L			11/14/24 11:35	500
Trichloroethene	<750	U	2500	750	ug/L			11/14/24 11:35	500
Trichlorofluoromethane	<280	U	500	280	ug/L			11/14/24 11:35	500
Vinyl acetate	<1070	U	10000	1070	ug/L			11/14/24 11:35	500
Vinyl chloride	<214	U	1000	214	ug/L			11/14/24 11:35	500
Xylenes, Total	<620	U	5000	620	ug/L			11/14/24 11:35	500
m,p-Xylenes	<0.620	U	5.00	0.620	mg/L			11/14/24 11:35	500
o-Xylene	<0.251	U	0.500	0.251	mg/L			11/14/24 11:35	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*		*11/14/24 11:35*	*500*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*11/14/24 11:35*	*500*
Dibromofluoromethane (Surr)	*105*		*75 - 131*		*11/14/24 11:35*	*500*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/14/24 11:35*	*500*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	**97000**		25000	4480	ug/L			11/14/24 13:00	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*11/14/24 13:00*	*5000*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*11/14/24 13:00*	*5000*
Dibromofluoromethane (Surr)	*106*		*75 - 131*		*11/14/24 13:00*	*5000*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/14/24 13:00*	*5000*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0761	U	0.567	0.0761	ug/L		11/13/24 05:02	12/09/24 10:44	1
1,2-Dichlorobenzene	**2.35**		0.567	0.0934	ug/L		11/13/24 05:02	12/09/24 10:44	1
1,3-Dichlorobenzene	**0.253**	**J**	0.567	0.101	ug/L		11/13/24 05:02	12/09/24 10:44	1
1,4-Dichlorobenzene	**3.82**		0.567	0.0774	ug/L		11/13/24 05:02	12/09/24 10:44	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.84	1.42	ug/L		11/13/24 05:02	12/09/24 10:44	1
2,4,5-Trichlorophenol	<0.142	U	0.567	0.142	ug/L		11/13/24 05:02	12/09/24 10:44	1
2,4,6-Trichlorophenol	<0.229	U	0.567	0.229	ug/L		11/13/24 05:02	12/09/24 10:44	1
2,4-Dichlorophenol	<0.139	U	0.567	0.139	ug/L		11/13/24 05:02	12/09/24 10:44	1
2,4-Dimethylphenol	<0.191	U *+	0.567	0.191	ug/L		11/13/24 05:02	12/09/24 10:44	1
1,4-Dioxane	<0.0884	U	0.567	0.0884	ug/L		11/13/24 05:02	12/09/24 10:44	1
2,4-Dinitrophenol	<0.103	U	2.84	0.103	ug/L		11/13/24 05:02	12/09/24 10:44	1
2,4-Dinitrotoluene	<0.203	U	0.567	0.203	ug/L		11/13/24 05:02	12/09/24 10:44	1
2,6-Dinitrotoluene	<0.115	U	0.567	0.115	ug/L		11/13/24 05:02	12/09/24 10:44	1
2-Chloronaphthalene	<0.376	U	0.567	0.376	ug/L		11/13/24 05:02	12/09/24 10:44	1
2-Methylnaphthalene	<0.0598	U	0.567	0.0598	ug/L		11/13/24 05:02	12/09/24 10:44	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: DUPE-02
Date Collected: 11/07/24 00:00
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-13
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	<0.104	U	0.567	0.104	ug/L		11/13/24 05:02	12/09/24 10:44	1
2-Nitroaniline	<0.148	U	0.567	0.148	ug/L		11/13/24 05:02	12/09/24 10:44	1
2-Nitrophenol	**3.92**		0.567	0.135	ug/L		11/13/24 05:02	12/09/24 10:44	1
3 & 4 Methylphenol	<0.138	U	0.567	0.138	ug/L		11/13/24 05:02	12/09/24 10:44	1
3-Nitroaniline	<0.0846	U	0.567	0.0846	ug/L		11/13/24 05:02	12/09/24 10:44	1
4,6-Dinitro-2-methylphenol	<0.200	U	1.13	0.200	ug/L		11/13/24 05:02	12/09/24 10:44	1
4-Bromophenyl phenyl ether	<0.0996	U	0.567	0.0996	ug/L		11/13/24 05:02	12/09/24 10:44	1
4-Chloro-3-methylphenol	<0.103	U	0.567	0.103	ug/L		11/13/24 05:02	12/09/24 10:44	1
4-Chloroaniline	<0.0383	U	0.567	0.0383	ug/L		11/13/24 05:02	12/09/24 10:44	1
4-Chlorophenyl phenyl ether	<0.129	U	0.567	0.129	ug/L		11/13/24 05:02	12/09/24 10:44	1
4-Nitroaniline	<0.108	U	0.567	0.108	ug/L		11/13/24 05:02	12/09/24 10:44	1
Acenaphthene	<0.107	U	0.567	0.107	ug/L		11/13/24 05:02	12/09/24 10:44	1
Acenaphthylene	<0.0989	U	0.567	0.0989	ug/L		11/13/24 05:02	12/09/24 10:44	1
Aniline	<0.0575	U	0.567	0.0575	ug/L		11/13/24 05:02	12/09/24 10:44	1
Anthracene	<0.0931	U	0.567	0.0931	ug/L		11/13/24 05:02	12/09/24 10:44	1
Benzo[a]anthracene	<0.0284	U	0.0284	0.0284	ug/L		11/13/24 05:02	12/09/24 10:44	1
Benzo[a]pyrene	<0.0298	U *3	0.0567	0.0298	ug/L		11/13/24 05:02	12/09/24 10:44	1
Benzo[b]fluoranthene	<0.0659	U	0.567	0.0659	ug/L		11/13/24 05:02	12/09/24 10:44	1
Benzo[g,h,i]perylene	<0.0343	U *3	0.567	0.0343	ug/L		11/13/24 05:02	12/09/24 10:44	1
Benzo[k]fluoranthene	<0.0469	U	0.567	0.0469	ug/L		11/13/24 05:02	12/09/24 10:44	1
Benzyl alcohol	**2.02**	**I *-**	1.13	0.596	ug/L		11/13/24 05:02	12/09/24 10:44	1
Bis(2-chloroethoxy)methane	<0.0967	U	0.567	0.0967	ug/L		11/13/24 05:02	12/09/24 10:44	1
Bis(2-chloroethyl)ether	<0.213	U *+	0.567	0.213	ug/L		11/13/24 05:02	12/09/24 10:44	1
Bis(2-ethylhexyl) phthalate	<0.894	U	1.13	0.894	ug/L		11/13/24 05:02	12/09/24 10:44	1
Butyl benzyl phthalate	<0.496	U	1.13	0.496	ug/L		11/13/24 05:02	12/09/24 10:44	1
Chrysene	<0.0810	U	0.567	0.0810	ug/L		11/13/24 05:02	12/09/24 10:44	1
Dibenz(a,h)anthracene	<0.0505	U *3	0.113	0.0505	ug/L		11/13/24 05:02	12/09/24 10:44	1
Dibenzofuran	**0.934**		0.567	0.106	ug/L		11/13/24 05:02	12/09/24 10:44	1
Diethyl phthalate	<0.154	U	1.13	0.154	ug/L		11/13/24 05:02	12/09/24 10:44	1
Dimethyl phthalate	<0.107	U *+	1.13	0.107	ug/L		11/13/24 05:02	12/09/24 10:44	1
Di-n-butyl phthalate	<0.760	U	1.13	0.760	ug/L		11/13/24 05:02	12/09/24 10:44	1
Di-n-octyl phthalate	<0.267	U	1.13	0.267	ug/L		11/13/24 05:02	12/09/24 10:44	1
Fluoranthene	<0.0877	U	0.567	0.0877	ug/L		11/13/24 05:02	12/09/24 10:44	1
Fluorene	<0.0941	U	0.567	0.0941	ug/L		11/13/24 05:02	12/09/24 10:44	1
Hexachlorobenzene	<0.0968	U	0.567	0.0968	ug/L		11/13/24 05:02	12/09/24 10:44	1
Hexachlorobutadiene	<0.102	U	0.567	0.102	ug/L		11/13/24 05:02	12/09/24 10:44	1
Hexachlorocyclopentadiene	<0.0508	U	0.567	0.0508	ug/L		11/13/24 05:02	12/09/24 10:44	1
Indeno[1,2,3-cd]pyrene	<0.0993	U *3	0.567	0.0993	ug/L		11/13/24 05:02	12/09/24 10:44	1
Isophorone	<0.106	U	0.567	0.106	ug/L		11/13/24 05:02	12/09/24 10:44	1
Naphthalene	**8.97**		0.567	0.0938	ug/L		11/13/24 05:02	12/09/24 10:44	1
Nitrobenzene	<0.0731	U	0.567	0.0731	ug/L		11/13/24 05:02	12/09/24 10:44	1
N-Nitrosodi-n-propylamine	<0.118	U	0.567	0.118	ug/L		11/13/24 05:02	12/09/24 10:44	1
N-Nitrosodiphenylamine	<0.144	U	0.567	0.144	ug/L		11/13/24 05:02	12/09/24 10:44	1
Pentachlorophenol	<1.03	U	1.13	1.03	ug/L		11/13/24 05:02	12/09/24 10:44	1
Phenanthrene	<0.133	U	0.567	0.133	ug/L		11/13/24 05:02	12/09/24 10:44	1
Phenol	**4.50**	**I**	2.84	0.445	ug/L		11/13/24 05:02	12/09/24 10:44	1
Pyrene	<0.0843	U	0.567	0.0843	ug/L		11/13/24 05:02	12/09/24 10:44	1
Pyridine	<1.43	U *-	2.84	1.43	ug/L		11/13/24 05:02	12/09/24 10:44	1
N-Nitro-o-toluidine	<0.516	U	1.13	0.516	ug/L		11/13/24 05:02	12/09/24 10:44	1

Client Sample ID: DUPE-02
Lab Sample ID: 860-86677-13
Date Collected: 11/07/24 00:00
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,4,6-Tetrachlorophenol	<0.209	U	0.567	0.209	ug/L		11/13/24 05:02	12/09/24 10:44	1
Acetophenone	1.22		1.13	0.619	ug/L		11/13/24 05:02	12/09/24 10:44	1
N-Nitrosopiperidine	<0.464	U	1.13	0.464	ug/L		11/13/24 05:02	12/09/24 10:44	1
Pentachlorobenzene	<0.264	U	0.567	0.264	ug/L		11/13/24 05:02	12/09/24 10:44	1
4-Aminobiphenyl	<0.391	U	0.567	0.391	ug/L		11/13/24 05:02	12/09/24 10:44	1
1,2,4,5-Tetrachlorobenzene	<0.0951	U	0.567	0.0951	ug/L		11/13/24 05:02	12/09/24 10:44	1
1,3,5-Trinitrobenzene	<0.118	U	0.567	0.118	ug/L		11/13/24 05:02	12/09/24 10:44	1
1,3-Dinitrobenzene	<0.0767	U	0.567	0.0767	ug/L		11/13/24 05:02	12/09/24 10:44	1
1,4-Naphthoquinone	<0.312	U	0.567	0.312	ug/L		11/13/24 05:02	12/09/24 10:44	1
1-Naphthylamine	<0.148	U	0.567	0.148	ug/L		11/13/24 05:02	12/09/24 10:44	1
2,6-Dichlorophenol	<0.117	U	0.567	0.117	ug/L		11/13/24 05:02	12/09/24 10:44	1
2-Acetylaminofluorene	<1.26	U	2.84	1.26	ug/L		11/13/24 05:02	12/09/24 10:44	1
2-Chlorophenol	<0.0751	U	0.567	0.0751	ug/L		11/13/24 05:02	12/09/24 10:44	1
2-Naphthylamine	<0.286	U	0.567	0.286	ug/L		11/13/24 05:02	12/09/24 10:44	1
2-Picoline	<0.122	U	0.567	0.122	ug/L		11/13/24 05:02	12/09/24 10:44	1
2-Toluidine	<0.304	U	0.567	0.304	ug/L		11/13/24 05:02	12/09/24 10:44	1
3,3'-Dichlorobenzidine	<0.182	U	0.567	0.182	ug/L		11/13/24 05:02	12/09/24 10:44	1
3,3'-Dimethylbenzidine	<0.141	U	0.567	0.141	ug/L		11/13/24 05:02	12/09/24 10:44	1
3-Methylcholanthrene	<0.104	U *3	0.567	0.104	ug/L		11/13/24 05:02	12/09/24 10:44	1
4-Nitroquinoline-1-oxide	<0.725	U	1.13	0.725	ug/L		11/13/24 05:02	12/09/24 10:44	1
7,12-Dimethylbenz(a)anthracene	<0.239	U	0.567	0.239	ug/L		11/13/24 05:02	12/09/24 10:44	1
alpha,alpha-Dimethyl phenethylamine	<3.64	U	5.67	3.64	ug/L		11/13/24 05:02	12/09/24 10:44	1
Aramite Peak 1	<0.0780	U	0.567	0.0780	ug/L		11/13/24 05:02	12/09/24 10:44	1
Aramite Peak 2	<0.0947	U	0.567	0.0947	ug/L		11/13/24 05:02	12/09/24 10:44	1
Aramite, Total	<0.0947	U	0.567	0.0947	ug/L		11/13/24 05:02	12/09/24 10:44	1
Diallate	<0.0829	U	0.567	0.0829	ug/L		11/13/24 05:02	12/09/24 10:44	1
Diallate Peak 1	<0.0829	U	0.567	0.0829	ug/L		11/13/24 05:02	12/09/24 10:44	1
Diallate Peak 2	<0.0383	U	0.567	0.0383	ug/L		11/13/24 05:02	12/09/24 10:44	1
Dimethoate	<0.121	U *+	0.567	0.121	ug/L		11/13/24 05:02	12/09/24 10:44	1
Dinoseb	<0.566	U *+	2.84	0.566	ug/L		11/13/24 05:02	12/09/24 10:44	1
Disulfoton	<0.201	U *+	0.567	0.201	ug/L		11/13/24 05:02	12/09/24 10:44	1
Ethyl methanesulfonate	<0.225	U	0.567	0.225	ug/L		11/13/24 05:02	12/09/24 10:44	1
Ethyl Parathion	<0.0498	U *+	0.227	0.0498	ug/L		11/13/24 05:02	12/09/24 10:44	1
Famphur	<0.150	U *+	1.13	0.150	ug/L		11/13/24 05:02	12/09/24 10:44	1
Hexachloropropene	<0.298	U *-	0.567	0.298	ug/L		11/13/24 05:02	12/09/24 10:44	1
Isosafrole	<0.239	U	0.567	0.239	ug/L		11/13/24 05:02	12/09/24 10:44	1
Isosafrole Peak 1	<0.0460	U	0.567	0.0460	ug/L		11/13/24 05:02	12/09/24 10:44	1
Isosafrole Peak 2	<0.239	U	0.567	0.239	ug/L		11/13/24 05:02	12/09/24 10:44	1
Methapyrilene	<0.993	U *+	2.27	0.993	ug/L		11/13/24 05:02	12/09/24 10:44	1
Methyl methanesulfonate	<0.119	U	0.567	0.119	ug/L		11/13/24 05:02	12/09/24 10:44	1
Methyl parathion	<0.317	U *+	0.567	0.317	ug/L		11/13/24 05:02	12/09/24 10:44	1
N-Nitrosodiethylamine	<0.535	U	1.13	0.535	ug/L		11/13/24 05:02	12/09/24 10:44	1
N-Nitrosodimethylamine	<0.0993	U *-	0.567	0.0993	ug/L		11/13/24 05:02	12/09/24 10:44	1
N-Nitrosodi-n-butylamine	<0.512	U	1.13	0.512	ug/L		11/13/24 05:02	12/09/24 10:44	1
N-Nitrosomethylethylamine	<0.292	U	0.567	0.292	ug/L		11/13/24 05:02	12/09/24 10:44	1
N-Nitrosomorpholine	<0.219	U	0.567	0.219	ug/L		11/13/24 05:02	12/09/24 10:44	1
N-Nitrosopyrrolidine	<0.266	U *-	0.567	0.266	ug/L		11/13/24 05:02	12/09/24 10:44	1
o,o',o''-Triethylphosphorothioate	<0.137	U *+	0.567	0.137	ug/L		11/13/24 05:02	12/09/24 10:44	1
p-Dimethylamino azobenzene	<0.0236	U	0.567	0.0236	ug/L		11/13/24 05:02	12/09/24 10:44	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86677-1

Client Sample ID: DUPE-02
Date Collected: 11/07/24 00:00
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86677-13
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachloronitrobenzene	<0.0993	U	0.567	0.0993	ug/L		11/13/24 05:02	12/09/24 10:44	1
Phenacetin	<0.0993	U	0.567	0.0993	ug/L		11/13/24 05:02	12/09/24 10:44	1
Phorate	<0.220	U *+	0.567	0.220	ug/L		11/13/24 05:02	12/09/24 10:44	1
p-Phenylene diamine	<0.496	U *-	1.13	0.496	ug/L		11/13/24 05:02	12/09/24 10:44	1
Pronamide	<0.0993	U *+	0.567	0.0993	ug/L		11/13/24 05:02	12/09/24 10:44	1
Safrole, Total	<0.0567	U	0.567	0.0567	ug/L		11/13/24 05:02	12/09/24 10:44	1
Sulfotepp	<0.146	U *+	0.567	0.146	ug/L		11/13/24 05:02	12/09/24 10:44	1
Thionazin	<0.207	U *+	1.13	0.207	ug/L		11/13/24 05:02	12/09/24 10:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*161*	*S1+*	*35 - 130*	*11/13/24 05:02*	*12/09/24 10:44*	*1*
2-Fluorobiphenyl	*105*		*43 - 130*	*11/13/24 05:02*	*12/09/24 10:44*	*1*
2-Fluorophenol (Surr)	*85*		*19 - 120*	*11/13/24 05:02*	*12/09/24 10:44*	*1*
Nitrobenzene-d5 (Surr)	*133*		*37 - 133*	*11/13/24 05:02*	*12/09/24 10:44*	*1*
Phenol-d5 (Surr)	*49*		*8 - 124*	*11/13/24 05:02*	*12/09/24 10:44*	*1*
p-Terphenyl-d14	*153*	*S1+*	*47 - 130*	*11/13/24 05:02*	*12/09/24 10:44*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	**1950**		56.7	9.03	ug/L		11/13/24 05:02	12/10/24 01:36	100
1,1'-Biphenyl	**671**		56.7	9.74	ug/L		11/13/24 05:02	12/10/24 01:36	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*35 - 130*	*11/13/24 05:02*	*12/10/24 01:36*	*100*
2-Fluorobiphenyl	*216*	*S1+*	*43 - 130*	*11/13/24 05:02*	*12/10/24 01:36*	*100*
2-Fluorophenol (Surr)	*124*	*S1+*	*19 - 120*	*11/13/24 05:02*	*12/10/24 01:36*	*100*
Nitrobenzene-d5 (Surr)	*188*	*S1+*	*37 - 133*	*11/13/24 05:02*	*12/10/24 01:36*	*100*
Phenol-d5 (Surr)	*203*	*I S1+*	*8 - 124*	*11/13/24 05:02*	*12/10/24 01:36*	*100*
p-Terphenyl-d14	*198*	*S1+*	*47 - 130*	*11/13/24 05:02*	*12/10/24 01:36*	*100*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	**2.18**		0.567	0.101	ug/L		11/13/24 05:02	12/10/24 18:41	1

Surrogate Summary

Client: Ashland LLC
Job ID: 860-86677-1
Project/Site: Hercules Hattiesburg, MS

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
860-86677-1	TB-03 (110724)	102	103	100	102
860-86677-2	MW-31D	104	98	102	101
860-86677-3	MW-33-S	105	99	104	101
860-86677-3 MS	MW-33-S	99	103	102	100
860-86677-3 MSD	MW-33-S	101	102	103	101
860-86677-4	MW-30-S	104	101	100	102
860-86677-5	MW-33-D	106	93	101	101
860-86677-6	MW-30-D	108	100	102	103
860-86677-7	MW-29-S	109	103	105	103
860-86677-7 - DL	MW-29-S	107	98	107	103
860-86677-8	MW-26-D	106	98	103	102
860-86677-9	MW-29-D	104	101	102	102
860-86677-9 - DL	MW-29-D	109	100	107	100
860-86677-10	MW-28-S	103	101	103	103
860-86677-10 - DL	MW-28-S	106	100	105	102
860-86677-11	MW-28-D	104	101	103	101
860-86677-12	FB-02	106	101	104	102
860-86677-13	DUPE-02	106	101	105	101
860-86677-13 - DL	DUPE-02	105	99	106	102
860-86679-K-1 MS	Matrix Spike	100	101	101	99
LCS 860-199415/1011	Lab Control Sample	101	100	102	99
LCS 860-199661/3	Lab Control Sample	101	102	103	102
LCSD 860-199415/12	Lab Control Sample Dup	100	104	102	102
LCSD 860-199661/4	Lab Control Sample Dup	100	104	102	104
MB 860-199415/17	Method Blank	105	99	103	101
MB 860-199661/9	Method Blank	108	103	104	104

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(35-130)	(43-130)	(19-120)	(37-133)	(8-124)	(47-130)
860-86677-2	MW-31D	153 S1+	113	80	144 S1+	46	156 S1+
860-86677-3	MW-33-S	98	96	72	118	42	119
860-86677-3 - DL	MW-33-S	81	119	76	92	69	125
860-86677-3 MS	MW-33-S	144 S1+	128	93	159 S1+	57	142 S1+
860-86677-3 MS - DL	MW-33-S	153 I S1+	125	98	129	75	143 S1+
860-86677-3 MSD	MW-33-S	148 S1+	125	96	171 S1+	65	142 S1+
860-86677-3 MSD - DL	MW-33-S	121 I	128	99	129	93	141 S1+
860-86677-4	MW-30-S	115	102	77	126	45	117
860-86677-5	MW-33-D	95	78	70	114	41	117
860-86677-5 - DL	MW-33-D	0 S1-	182 I S1+	155 I S1+	176 I S1+	491 I S1+	304 I S1+
860-86677-5 - RA	MW-33-D	96	80	70	106	44	143 S1+

Surrogate Summary

Client: Ashland LLC
Job ID: 860-86677-1
Project/Site: Hercules Hattiesburg, MS

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TBP (35-130)	FBP (43-130)	2FP (19-120)	NBZ (37-133)	PHL (8-124)	TPHd14 (47-130)		
860-86677-6	MW-30-D	99	88	77	116	50	109		
860-86677-6 - DL	MW-30-D	98 I	106	82	110	82	155 S1+		
860-86677-7	MW-29-S	98	86	88	111	59	94		
860-86677-8	MW-26-D	133 S1+	91	81	107	58	117		
860-86677-8 - DL	MW-26-D	105 I	95	85	98	67	141 S1+		
860-86677-8 - DL2	MW-26-D	141 S1+	368 S1+	238 I S1+	289 S1+	311 S1+	412 S1+		
860-86677-9	MW-29-D	132 S1+	88	90	120	64	124		
860-86677-9 - DL	MW-29-D	129 I	160 S1+	127 S1+	136 S1+	126 S1+	137 S1+		
860-86677-10	MW-28-S	125	77	93	116	76	118		
860-86677-10 - DL	MW-28-S	105 I	169 S1+	154 S1+	154 S1+	134 S1+	172 S1+		
860-86677-10 - DL	MW-28-S	0 S1-	208 I S1+	138 S1+	56 I	252 S1+	260 I S1+		
860-86677-11	MW-28-D	157 S1+	86	92	117	74	128		
860-86677-11 - DL	MW-28-D	0 S1-	250 I S1+	0 S1-	0 S1-	0 S1-	281 S1+		
860-86677-11 - DL	MW-28-D	95	80	84	97	61	148 S1+		
860-86677-13	DUPE-02	161 S1+	105	85	133	49	153 S1+		
860-86677-13 - DL	DUPE-02	63	216 S1+	124 S1+	188 S1+	203 I S1+	198 S1+		
LCS 860-199382/2-A	Lab Control Sample	103	98	59	103	41	105		
LCS 860-199382/4-A	Lab Control Sample	115	113	48	118	32	129		
LCS 860-199383/2-A	Lab Control Sample	100	110	47	106	31	122		
LCS 860-199383/4-A	Lab Control Sample	101	106	54	98	40	103		
LCSD 860-199382/3-A	Lab Control Sample Dup	109	111	54	107	36	112		
LCSD 860-199382/5-A	Lab Control Sample Dup	104	123	51	133	33	124		
LCSD 860-199383/3-A	Lab Control Sample Dup	114	110	52	111	33	122		
LCSD 860-199383/5-A	Lab Control Sample Dup	116	111	51	107	37	113		
MB 860-199382/1-A	Method Blank	101	115	66	106	44	136 S1+		
MB 860-199383/1-A	Method Blank	91	112	44	99	28	130		

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-199415/17
Matrix: Water
Analysis Batch: 199415

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/13/24 15:06	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/13/24 15:06	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/13/24 15:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/13/24 15:06	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/13/24 15:06	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/13/24 15:06	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/13/24 15:06	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/13/24 15:06	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/13/24 15:06	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/13/24 15:06	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/13/24 15:06	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/13/24 15:06	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/13/24 15:06	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/13/24 15:06	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/13/24 15:06	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/13/24 15:06	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/13/24 15:06	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/13/24 15:06	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/13/24 15:06	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/13/24 15:06	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/13/24 15:06	1
Acetone	<3.07	U	100	3.07	ug/L			11/13/24 15:06	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/13/24 15:06	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/13/24 15:06	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/13/24 15:06	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/13/24 15:06	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/13/24 15:06	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/13/24 15:06	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/13/24 15:06	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/13/24 15:06	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/13/24 15:06	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/13/24 15:06	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/13/24 15:06	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/13/24 15:06	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/13/24 15:06	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/13/24 15:06	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/13/24 15:06	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/13/24 15:06	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/13/24 15:06	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/13/24 15:06	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/13/24 15:06	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/13/24 15:06	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/13/24 15:06	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/13/24 15:06	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/13/24 15:06	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/13/24 15:06	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/13/24 15:06	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/13/24 15:06	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-199415/17
Matrix: Water
Analysis Batch: 199415

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/13/24 15:06	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/13/24 15:06	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/13/24 15:06	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/13/24 15:06	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/13/24 15:06	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/13/24 15:06	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/13/24 15:06	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/13/24 15:06	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/13/24 15:06	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/13/24 15:06	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/13/24 15:06	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/13/24 15:06	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/13/24 15:06	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/13/24 15:06	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/13/24 15:06	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/13/24 15:06	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/13/24 15:06	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/13/24 15:06	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/13/24 15:06	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/13/24 15:06	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/13/24 15:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*11/13/24 15:06*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*11/13/24 15:06*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*11/13/24 15:06*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/13/24 15:06*	*1*

Lab Sample ID: LCS 860-199415/1011
Matrix: Water
Analysis Batch: 199415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	56.18		ug/L		112	72 - 125
1,1,1-Trichloroethane	50.0	56.63		ug/L		113	70 - 130
1,1,2,2-Tetrachloroethane	50.0	54.00		ug/L		108	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.92		ug/L		110	60 - 140
1,1,2-Trichloroethane	50.0	55.22		ug/L		110	75 - 130
1,1-Dichloroethane	50.0	58.90		ug/L		118	71 - 130
1,1-Dichloroethene	50.0	58.11		ug/L		116	50 - 150
1,2,3-Trichloropropane	50.0	52.12		ug/L		104	75 - 125
1,2,4-Trimethylbenzene	50.0	56.62		ug/L		113	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	49.17		ug/L		98	59 - 125
1,2-Dibromoethane	50.0	55.84		ug/L		112	73 - 125
1,2-Dichloroethane	50.0	54.56		ug/L		109	72 - 130
1,2-Dichloropropane	50.0	57.31		ug/L		115	74 - 125
1,3,5-Trimethylbenzene	50.0	55.85		ug/L		112	60 - 140
1,3-Butadiene	50.0	50.57		ug/L		101	60 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-199415/1011
Matrix: Water
Analysis Batch: 199415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,2,4-Trimethylpentane	50.0	51.13		ug/L		102	70 - 130
2-Butanone (MEK)	250	279.4		ug/L		112	60 - 140
2-Hexanone (MBK)	250	288.9		ug/L		116	60 - 140
2-Propanol	500	501.0		ug/L		100	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	54.49		ug/L		109	70 - 130
4-Methyl-2-pentanone	250	279.7		ug/L		112	60 - 140
Acetone	250	251.0		ug/L		100	60 - 140
Acetonitrile	500	511.4		ug/L		102	60 - 140
Acrolein	250	274.5		ug/L		110	60 - 140
Acrylonitrile	500	542.0		ug/L		108	60 - 140
alpha-Chlorotoluene	50.0	49.86		ug/L		100	75 - 125
Benzene	50.0	56.51		ug/L		113	75 - 125
Bromodichloromethane	50.0	56.75		ug/L		113	75 - 125
Bromoform	50.0	56.27		ug/L		113	70 - 130
Bromomethane	50.0	50.52		ug/L		101	60 - 140
Carbon disulfide	50.0	55.14		ug/L		110	60 - 140
Carbon tetrachloride	50.0	54.35		ug/L		109	70 - 125
Chlorobenzene	50.0	56.42		ug/L		113	82 - 135
Chlorodibromomethane	50.0	56.17		ug/L		112	73 - 125
Chloroethane	50.0	51.81		ug/L		104	60 - 140
Chloroform	50.0	56.49		ug/L		113	70 - 121
Chloromethane	50.0	51.46		ug/L		103	60 - 140
Chloroprene	50.0	58.61		ug/L		117	70 - 130
cis-1,2-Dichloroethene	50.0	56.20		ug/L		112	75 - 125
cis-1,3-Dichloropropene	50.0	56.42		ug/L		113	74 - 125
Cumene (isopropylbenzene)	50.0	58.38		ug/L		117	75 - 125
Cyclohexane	50.0	50.93		ug/L		102	70 - 130
Dibromomethane	50.0	56.00		ug/L		112	69 - 127
Dichlorodifluoromethane	50.0	48.15		ug/L		96	50 - 150
Ethyl methacrylate	50.0	56.98		ug/L		114	70 - 130
Ethylbenzene	50.0	57.61		ug/L		115	75 - 125
Hexane	50.0	53.22		ug/L		106	72 - 125
Iodomethane	50.0	49.66		ug/L		99	75 - 125
Isobutanol	1240	1306		ug/L		105	60 - 140
Methacrylonitrile	500	550.8		ug/L		110	70 - 130
Methyl methacrylate	100	109.7		ug/L		110	70 - 130
Methyl tert-butyl ether	50.0	56.98		ug/L		114	65 - 135
Methylene Chloride	50.0	53.88		ug/L		108	71 - 125
Propionitrile	500	527.1		ug/L		105	70 - 130
Propylbenzene	50.0	56.45		ug/L		113	75 - 125
Styrene	50.0	58.24		ug/L		116	75 - 125
Tetrachloroethene	50.0	57.08		ug/L		114	71 - 125
Tetrahydrofuran	100	104.7		ug/L		105	75 - 125
Toluene	50.0	56.62		ug/L		113	75 - 130
trans-1,2-Dichloroethene	50.0	58.53		ug/L		117	75 - 125
trans-1,3-Dichloropropene	50.0	56.78		ug/L		114	66 - 125
trans-1,4-Dichloro-2-butene	50.0	57.03		ug/L		114	70 - 130
Trichloroethene	50.0	56.95		ug/L		114	75 - 135
Trichlorofluoromethane	50.0	49.90		ug/L		100	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-199415/1011
Matrix: Water
Analysis Batch: 199415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Vinyl acetate			250	271.5		ug/L		109	60 - 140		
Vinyl chloride			50.0	53.10		ug/L		106	60 - 140		
Xylenes, Total			100	115.4		ug/L		115	75 - 125		
m,p-Xylenes			0.0500	0.05757		mg/L		115	75 - 125		
o-Xylene			0.0500	0.05780		mg/L		116	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*102*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 860-199415/12
Matrix: Water
Analysis Batch: 199415

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	57.41		ug/L		115	72 - 125	2	25
1,1,1-Trichloroethane			50.0	56.77		ug/L		114	70 - 130	0	25
1,1,2,2-Tetrachloroethane			50.0	57.57		ug/L		115	74 - 125	6	25
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	53.42		ug/L		107	60 - 140	3	25
1,1,2-Trichloroethane			50.0	56.78		ug/L		114	75 - 130	3	25
1,1-Dichloroethane			50.0	58.57		ug/L		117	71 - 130	1	25
1,1-Dichloroethene			50.0	57.69		ug/L		115	50 - 150	1	25
1,2,3-Trichloropropane			50.0	57.43		ug/L		115	75 - 125	10	25
1,2,4-Trimethylbenzene			50.0	60.66		ug/L		121	75 - 125	7	25
1,2-Dibromo-3-Chloropropane			50.0	55.30		ug/L		111	59 - 125	12	25
1,2-Dibromoethane			50.0	57.59		ug/L		115	73 - 125	3	25
1,2-Dichloroethane			50.0	55.40		ug/L		111	72 - 130	2	25
1,2-Dichloropropane			50.0	57.25		ug/L		114	74 - 125	0	25
1,3,5-Trimethylbenzene			50.0	59.14		ug/L		118	60 - 140	6	25
1,3-Butadiene			50.0	50.19		ug/L		100	60 - 150	1	25
2,2,4-Trimethylpentane			50.0	50.08		ug/L		100	70 - 130	2	25
2-Butanone (MEK)			250	278.7		ug/L		111	60 - 140	0	25
2-Hexanone (MBK)			250	305.2		ug/L		122	60 - 140	5	25
2-Propanol			500	579.5		ug/L		116	70 - 120	15	25
3-Chloropropene (Allyl Chloride)			50.0	53.14		ug/L		106	70 - 130	3	25
4-Methyl-2-pentanone			250	285.5		ug/L		114	60 - 140	2	25
Acetone			250	268.0		ug/L		107	60 - 140	7	25
Acetonitrile			500	523.1		ug/L		105	60 - 140	2	25
Acrolein			250	272.8		ug/L		109	60 - 140	1	25
Acrylonitrile			500	545.4		ug/L		109	60 - 140	1	25
alpha-Chlorotoluene			50.0	55.86		ug/L		112	75 - 125	11	25
Benzene			50.0	56.14		ug/L		112	75 - 125	1	25
Bromodichloromethane			50.0	56.20		ug/L		112	75 - 125	1	25
Bromoform			50.0	57.35		ug/L		115	70 - 130	2	25
Bromomethane			50.0	49.53		ug/L		99	60 - 140	2	25
Carbon disulfide			50.0	54.01		ug/L		108	60 - 140	2	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-199415/12
Matrix: Water
Analysis Batch: 199415

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride			50.0	52.87		ug/L		106	70 - 125	3	25
Chlorobenzene			50.0	57.36		ug/L		115	82 - 135	2	25
Chlorodibromomethane			50.0	56.93		ug/L		114	73 - 125	1	25
Chloroethane			50.0	48.94		ug/L		98	60 - 140	6	25
Chloroform			50.0	56.29		ug/L		113	70 - 121	0	25
Chloromethane			50.0	50.36		ug/L		101	60 - 140	2	25
Chloroprene			50.0	57.98		ug/L		116	70 - 130	1	25
cis-1,2-Dichloroethene			50.0	55.66		ug/L		111	75 - 125	1	25
cis-1,3-Dichloropropene			50.0	56.90		ug/L		114	74 - 125	1	25
Cumene (isopropylbenzene)			50.0	59.86		ug/L		120	75 - 125	3	25
Cyclohexane			50.0	50.97		ug/L		102	70 - 130	0	25
Dibromomethane			50.0	55.89		ug/L		112	69 - 127	0	25
Dichlorodifluoromethane			50.0	45.74		ug/L		91	50 - 150	5	25
Ethyl methacrylate			50.0	59.64		ug/L		119	70 - 130	5	25
Ethylbenzene			50.0	59.10		ug/L		118	75 - 125	3	25
Hexane			50.0	52.50		ug/L		105	72 - 125	1	25
Iodomethane			50.0	52.51		ug/L		105	75 - 125	6	25
Isobutanol			1240	1448		ug/L		117	60 - 140	10	25
Methacrylonitrile			500	554.7		ug/L		111	70 - 130	1	25
Methyl methacrylate			100	111.6		ug/L		112	70 - 130	2	25
Methyl tert-butyl ether			50.0	57.65		ug/L		115	65 - 135	1	25
Methylene Chloride			50.0	53.06		ug/L		106	71 - 125	2	25
Propionitrile			500	545.4		ug/L		109	70 - 130	3	25
Propylbenzene			50.0	60.19		ug/L		120	75 - 125	6	25
Styrene			50.0	60.30		ug/L		121	75 - 125	3	25
Tetrachloroethene			50.0	57.60		ug/L		115	71 - 125	1	25
Tetrahydrofuran			100	106.9		ug/L		107	75 - 125	2	25
Toluene			50.0	57.33		ug/L		115	75 - 130	1	25
trans-1,2-Dichloroethene			50.0	58.09		ug/L		116	75 - 125	1	25
trans-1,3-Dichloropropene			50.0	57.67		ug/L		115	66 - 125	2	25
trans-1,4-Dichloro-2-butene			50.0	61.86		ug/L		124	70 - 130	8	25
Trichloroethene			50.0	57.00		ug/L		114	75 - 135	0	25
Trichlorofluoromethane			50.0	48.47		ug/L		97	60 - 140	3	25
Vinyl acetate			250	264.9		ug/L		106	60 - 140	2	25
Vinyl chloride			50.0	51.50		ug/L		103	60 - 140	3	25
Xylenes, Total			100	118.4		ug/L		118	75 - 125	3	25
m,p-Xylenes			0.0500	0.05924		mg/L		118	75 - 125	3	25
o-Xylene			0.0500	0.05915		mg/L		118	75 - 125	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*
Dibromofluoromethane (Surr)	*102*		*75 - 131*
Toluene-d8 (Surr)	*102*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86677-3 MS
Matrix: Water
Analysis Batch: 199415

Client Sample ID: MW-33-S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.644	U	50.0	55.38		ug/L		111	72 - 125
1,1,1-Trichloroethane	<0.585	U	50.0	57.04		ug/L		114	75 - 125
1,1,2,2-Tetrachloroethane	<0.470	U	50.0	56.22		ug/L		112	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	50.0	60.28		ug/L		121	60 - 140
1,1,2-Trichloroethane	<0.411	U	50.0	54.99		ug/L		110	75 - 127
1,1-Dichloroethane	<0.635	U	50.0	57.31		ug/L		115	72 - 125
1,1-Dichloroethene	<0.738	U	50.0	58.89		ug/L		118	59 - 172
1,2,3-Trichloropropane	<0.470	U	50.0	54.07		ug/L		108	75 - 125
1,2,4-Trimethylbenzene	<0.417	U	50.0	58.76		ug/L		118	75 - 125
1,2-Dibromo-3-Chloropropane	<0.671	U	50.0	51.89		ug/L		104	59 - 125
1,2-Dibromoethane	<0.999	U	50.0	55.42		ug/L		111	73 - 125
1,2-Dichloroethane	<0.372	U	50.0	53.05		ug/L		106	68 - 127
1,2-Dichloropropane	<0.556	U	50.0	55.56		ug/L		111	74 - 125
1,3,5-Trimethylbenzene	<0.411	U	50.0	56.92		ug/L		114	70 - 125
1,3-Butadiene	<0.568	U	50.0	50.00		ug/L		100	70 - 150
2,2,4-Trimethylpentane	<0.500	U	50.0	57.05		ug/L		114	70 - 130
2-Butanone (MEK)	<8.28	U	250	281.8		ug/L		113	60 - 140
2-Hexanone (MBK)	<5.00	U	250	291.7		ug/L		117	60 - 140
2-Propanol	<5.23	U	500	555.1		ug/L		111	70 - 120
3-Chloropropene (Allyl Chloride)	<0.597	U	50.0	49.86		ug/L		100	70 - 130
4-Methyl-2-pentanone	<5.00	U	250	275.3		ug/L		110	60 - 140
Acetone	<3.07	U	250	260.0		ug/L		104	60 - 140
Acetonitrile	<14.6	U	500	519.5		ug/L		104	60 - 140
Acrolein	<11.1	U	250	267.6		ug/L		107	50 - 150
Acrylonitrile	<14.3	U	500	523.4		ug/L		105	50 - 150
alpha-Chlorotoluene	<2.26	U	50.0	60.05		ug/L		120	70 - 130
Benzene	<0.460	U	50.0	54.83		ug/L		110	66 - 142
Bromodichloromethane	<0.552	U	50.0	55.43		ug/L		111	75 - 125
Bromoform	<0.633	U	50.0	55.25		ug/L		111	75 - 125
Bromomethane	<1.42	U	50.0	44.78		ug/L		90	60 - 140
Carbon disulfide	<1.65	U	50.0	54.39		ug/L		109	60 - 140
Carbon tetrachloride	<0.896	U	50.0	55.47		ug/L		111	62 - 125
Chlorobenzene	<0.455	U	50.0	55.58		ug/L		111	60 - 133
Chlorodibromomethane	<0.547	U	50.0	55.99		ug/L		112	73 - 125
Chloroethane	<1.98	U	50.0	46.61		ug/L		93	60 - 140
Chloroform	<0.464	U	50.0	54.71		ug/L		109	70 - 130
Chloromethane	<2.04	U	50.0	45.52		ug/L		91	60 - 140
Chloroprene	<0.598	U	50.0	58.55		ug/L		117	70 - 130
cis-1,2-Dichloroethene	<0.457	U	50.0	55.84		ug/L		112	75 - 125
cis-1,3-Dichloropropene	<1.07	U	50.0	56.35		ug/L		113	74 - 125
Cumene (isopropylbenzene)	<0.592	U	50.0	58.88		ug/L		118	75 - 125
Cyclohexane	<1.29	U	50.0	55.52		ug/L		111	70 - 130
Dibromomethane	<0.357	U	50.0	54.29		ug/L		109	69 - 127
Dichlorodifluoromethane	<0.785	U	50.0	49.07		ug/L		98	70 - 130
Ethyl methacrylate	<1.12	U	50.0	57.68		ug/L		115	70 - 130
Ethylbenzene	<0.385	U	50.0	57.54		ug/L		115	75 - 125
Hexane	<0.517	U	50.0	59.26		ug/L		119	72 - 125
Iodomethane	<5.00	U	50.0	51.61		ug/L		103	75 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86677-3 MS
Matrix: Water
Analysis Batch: 199415

Client Sample ID: MW-33-S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Isobutanol	<17.1	U	1240	1425		ug/L		115	60 - 140
Methacrylonitrile	<2.72	U	500	537.6		ug/L		108	70 - 130
Methyl methacrylate	<2.25	U	100	107.1		ug/L		107	70 - 130
Methyl tert-butyl ether	<1.39	U	50.0	55.22		ug/L		110	65 - 135
Methylene Chloride	<1.73	U	50.0	50.88		ug/L		102	75 - 125
Propionitrile	<3.34	U	500	543.0		ug/L		109	70 - 130
Propylbenzene	<0.429	U	50.0	58.42		ug/L		117	75 - 125
Styrene	<0.619	U	50.0	58.08		ug/L		116	75 - 125
Tetrachloroethene	<0.655	U	50.0	57.23		ug/L		114	71 - 125
Tetrahydrofuran	<1.83	U	100	108.1		ug/L		108	75 - 125
Toluene	<0.475	U	50.0	55.99		ug/L		112	59 - 139
trans-1,2-Dichloroethene	<0.368	U	50.0	56.99		ug/L		114	75 - 125
trans-1,3-Dichloropropene	<1.27	U	50.0	56.45		ug/L		113	66 - 125
trans-1,4-Dichloro-2-butene	<1.35	U	50.0	56.91		ug/L		114	70 - 130
Trichloroethene	<1.50	U	50.0	54.59		ug/L		109	62 - 137
Trichlorofluoromethane	<0.560	U	50.0	48.90		ug/L		98	60 - 140
Vinyl acetate	<2.14	U	250	298.7		ug/L		119	60 - 140
Vinyl chloride	<0.428	U	50.0	48.14		ug/L		96	60 - 140
Xylenes, Total	<1.24	U	100	114.5		ug/L		114	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.05726		mg/L		115	75 - 125
o-Xylene	<0.000502	U	0.0500	0.05720		mg/L		114	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*
Dibromofluoromethane (Surr)	*102*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 860-86677-3 MSD
Matrix: Water
Analysis Batch: 199415

Client Sample ID: MW-33-S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.644	U	50.0	55.45		ug/L		111	72 - 125	0	25
1,1,1-Trichloroethane	<0.585	U	50.0	57.60		ug/L		115	75 - 125	1	25
1,1,2,2-Tetrachloroethane	<0.470	U	50.0	57.13		ug/L		114	74 - 125	2	25
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	50.0	58.47		ug/L		117	60 - 140	3	25
1,1,2-Trichloroethane	<0.411	U	50.0	54.72		ug/L		109	75 - 127	0	25
1,1-Dichloroethane	<0.635	U	50.0	54.94		ug/L		110	72 - 125	4	25
1,1-Dichloroethene	<0.738	U	50.0	59.26		ug/L		119	59 - 172	1	25
1,2,3-Trichloropropane	<0.470	U	50.0	54.65		ug/L		109	75 - 125	1	25
1,2,4-Trimethylbenzene	<0.417	U	50.0	58.56		ug/L		117	75 - 125	0	25
1,2-Dibromo-3-Chloropropane	<0.671	U	50.0	54.09		ug/L		108	59 - 125	4	25
1,2-Dibromoethane	<0.999	U	50.0	55.02		ug/L		110	73 - 125	1	25
1,2-Dichloroethane	<0.372	U	50.0	53.29		ug/L		107	68 - 127	0	25
1,2-Dichloropropane	<0.556	U	50.0	55.28		ug/L		111	74 - 125	0	25
1,3,5-Trimethylbenzene	<0.411	U	50.0	56.45		ug/L		113	70 - 125	1	25
1,3-Butadiene	<0.568	U	50.0	54.57		ug/L		109	70 - 150	9	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86677-3 MSD
Matrix: Water
Analysis Batch: 199415

Client Sample ID: MW-33-S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,2,4-Trimethylpentane	<0.500	U	50.0	57.01		ug/L		114	70 - 130	0	25
2-Butanone (MEK)	<8.28	U	250	281.7		ug/L		113	60 - 140	0	25
2-Hexanone (MBK)	<5.00	U	250	294.2		ug/L		118	60 - 140	1	25
2-Propanol	<5.23	U	500	588.3		ug/L		118	70 - 120	6	25
3-Chloropropene (Allyl Chloride)	<0.597	U	50.0	50.00		ug/L		100	70 - 130	0	25
4-Methyl-2-pentanone	<5.00	U	250	282.6		ug/L		113	60 - 140	3	25
Acetone	<3.07	U	250	260.1		ug/L		104	60 - 140	0	25
Acetonitrile	<14.6	U	500	535.7		ug/L		107	60 - 140	3	25
Acrolein	<11.1	U	250	277.0		ug/L		111	50 - 150	3	25
Acrylonitrile	<14.3	U	500	540.5		ug/L		108	50 - 150	3	25
alpha-Chlorotoluene	<2.26	U	50.0	60.16		ug/L		120	70 - 130	0	25
Benzene	<0.460	U	50.0	55.12		ug/L		110	66 - 142	1	25
Bromodichloromethane	<0.552	U	50.0	55.23		ug/L		110	75 - 125	0	25
Bromoform	<0.633	U	50.0	56.18		ug/L		112	75 - 125	2	25
Bromomethane	<1.42	U	50.0	47.02		ug/L		94	60 - 140	5	25
Carbon disulfide	<1.65	U	50.0	54.49		ug/L		109	60 - 140	0	25
Carbon tetrachloride	<0.896	U	50.0	56.27		ug/L		113	62 - 125	1	25
Chlorobenzene	<0.455	U	50.0	55.55		ug/L		111	60 - 133	0	25
Chlorodibromomethane	<0.547	U	50.0	55.48		ug/L		111	73 - 125	1	25
Chloroethane	<1.98	U	50.0	48.90		ug/L		98	60 - 140	5	25
Chloroform	<0.464	U	50.0	55.87		ug/L		112	70 - 130	2	25
Chloromethane	<2.04	U	50.0	48.45		ug/L		97	60 - 140	6	25
Chloroprene	<0.598	U	50.0	59.66		ug/L		119	70 - 130	2	25
cis-1,2-Dichloroethene	<0.457	U	50.0	55.76		ug/L		112	75 - 125	0	25
cis-1,3-Dichloropropene	<1.07	U	50.0	56.58		ug/L		113	74 - 125	0	25
Cumene (isopropylbenzene)	<0.592	U	50.0	58.67		ug/L		117	75 - 125	0	25
Cyclohexane	<1.29	U	50.0	56.12		ug/L		112	70 - 130	1	25
Dibromomethane	<0.357	U	50.0	54.29		ug/L		109	69 - 127	0	25
Dichlorodifluoromethane	<0.785	U	50.0	51.77		ug/L		104	70 - 130	5	25
Ethyl methacrylate	<1.12	U	50.0	57.84		ug/L		116	70 - 130	0	25
Ethylbenzene	<0.385	U	50.0	56.72		ug/L		113	75 - 125	1	25
Hexane	<0.517	U	50.0	59.69		ug/L		119	72 - 125	1	25
Iodomethane	<5.00	U	50.0	53.60		ug/L		107	75 - 125	4	25
Isobutanol	<17.1	U	1240	1451		ug/L		117	60 - 140	2	25
Methacrylonitrile	<2.72	U	500	545.3		ug/L		109	70 - 130	1	25
Methyl methacrylate	<2.25	U	100	111.4		ug/L		111	70 - 130	4	25
Methyl tert-butyl ether	<1.39	U	50.0	57.52		ug/L		115	65 - 135	4	25
Methylene Chloride	<1.73	U	50.0	50.97		ug/L		102	75 - 125	0	25
Propionitrile	<3.34	U	500	540.3		ug/L		108	70 - 130	1	25
Propylbenzene	<0.429	U	50.0	58.73		ug/L		117	75 - 125	1	25
Styrene	<0.619	U	50.0	57.62		ug/L		115	75 - 125	1	25
Tetrachloroethene	<0.655	U	50.0	56.66		ug/L		113	71 - 125	1	25
Tetrahydrofuran	<1.83	U	100	111.1		ug/L		111	75 - 125	3	25
Toluene	<0.475	U	50.0	56.22		ug/L		112	59 - 139	0	25
trans-1,2-Dichloroethene	<0.368	U	50.0	57.50		ug/L		115	75 - 125	1	25
trans-1,3-Dichloropropene	<1.27	U	50.0	56.08		ug/L		112	66 - 125	1	25
trans-1,4-Dichloro-2-butene	<1.35	U	50.0	60.41		ug/L		121	70 - 130	6	25
Trichloroethene	<1.50	U	50.0	54.93		ug/L		110	62 - 137	1	25
Trichlorofluoromethane	<0.560	U	50.0	53.27		ug/L		107	60 - 140	9	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86677-3 MSD
Matrix: Water
Analysis Batch: 199415

Client Sample ID: MW-33-S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Vinyl acetate	<2.14	U	250	302.7		ug/L		121	60 - 140	1	25
Vinyl chloride	<0.428	U	50.0	51.72		ug/L		103	60 - 140	7	25
Xylenes, Total	<1.24	U	100	113.1		ug/L		113	75 - 125	1	25
m,p-Xylenes	<0.00124	U	0.0500	0.05625		mg/L		112	75 - 125	2	25
o-Xylene	<0.000502	U	0.0500	0.05681		mg/L		114	75 - 125	1	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*
Dibromofluoromethane (Surr)	*103*		*75 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 860-199661/9
Matrix: Water
Analysis Batch: 199661

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/14/24 10:56	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/14/24 10:56	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/14/24 10:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/14/24 10:56	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/14/24 10:56	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/14/24 10:56	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/14/24 10:56	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/14/24 10:56	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/14/24 10:56	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/14/24 10:56	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/14/24 10:56	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/14/24 10:56	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/14/24 10:56	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/14/24 10:56	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/14/24 10:56	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/14/24 10:56	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/14/24 10:56	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/14/24 10:56	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/14/24 10:56	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/14/24 10:56	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/14/24 10:56	1
Acetone	<3.07	U	100	3.07	ug/L			11/14/24 10:56	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/14/24 10:56	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/14/24 10:56	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/14/24 10:56	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/14/24 10:56	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/14/24 10:56	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/14/24 10:56	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/14/24 10:56	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/14/24 10:56	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/14/24 10:56	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-199661/9
Matrix: Water
Analysis Batch: 199661

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/14/24 10:56	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/14/24 10:56	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/14/24 10:56	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/14/24 10:56	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/14/24 10:56	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/14/24 10:56	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/14/24 10:56	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/14/24 10:56	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/14/24 10:56	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/14/24 10:56	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/14/24 10:56	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/14/24 10:56	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/14/24 10:56	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/14/24 10:56	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/14/24 10:56	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/14/24 10:56	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/14/24 10:56	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/14/24 10:56	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/14/24 10:56	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/14/24 10:56	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/14/24 10:56	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/14/24 10:56	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/14/24 10:56	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/14/24 10:56	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/14/24 10:56	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/14/24 10:56	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/14/24 10:56	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/14/24 10:56	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/14/24 10:56	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/14/24 10:56	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/14/24 10:56	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/14/24 10:56	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/14/24 10:56	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/14/24 10:56	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/14/24 10:56	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/14/24 10:56	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/14/24 10:56	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/14/24 10:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*63 - 144*		*11/14/24 10:56*	*1*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*11/14/24 10:56*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*11/14/24 10:56*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/14/24 10:56*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-199661/3
Matrix: Water
Analysis Batch: 199661

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	53.11		ug/L		106	72 - 125
1,1,1-Trichloroethane	50.0	53.44		ug/L		107	70 - 130
1,1,2,2-Tetrachloroethane	50.0	55.72		ug/L		111	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	55.91		ug/L		112	60 - 140
1,1,2-Trichloroethane	50.0	52.23		ug/L		104	75 - 130
1,1-Dichloroethane	50.0	53.90		ug/L		108	71 - 130
1,1-Dichloroethene	50.0	54.73		ug/L		109	50 - 150
1,2,3-Trichloropropane	50.0	53.37		ug/L		107	75 - 125
1,2,4-Trimethylbenzene	50.0	55.18		ug/L		110	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	49.70		ug/L		99	59 - 125
1,2-Dibromoethane	50.0	53.69		ug/L		107	73 - 125
1,2-Dichloroethane	50.0	51.20		ug/L		102	72 - 130
1,2-Dichloropropane	50.0	53.03		ug/L		106	74 - 125
1,3,5-Trimethylbenzene	50.0	53.81		ug/L		108	60 - 140
1,3-Butadiene	50.0	54.36		ug/L		109	60 - 150
2,2,4-Trimethylpentane	50.0	53.36		ug/L		107	70 - 130
2-Butanone (MEK)	250	269.1		ug/L		108	60 - 140
2-Hexanone (MBK)	250	286.6		ug/L		115	60 - 140
2-Propanol	500	501.6		ug/L		100	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	50.09		ug/L		100	70 - 130
4-Methyl-2-pentanone	250	275.0		ug/L		110	60 - 140
Acetone	250	246.1		ug/L		98	60 - 140
Acetonitrile	500	506.6		ug/L		101	60 - 140
Acrolein	250	274.8		ug/L		110	60 - 140
Acrylonitrile	500	520.3		ug/L		104	60 - 140
alpha-Chlorotoluene	50.0	56.60		ug/L		113	75 - 125
Benzene	50.0	51.79		ug/L		104	75 - 125
Bromodichloromethane	50.0	52.57		ug/L		105	75 - 125
Bromoform	50.0	52.60		ug/L		105	70 - 130
Bromomethane	50.0	45.78		ug/L		92	60 - 140
Carbon disulfide	50.0	51.47		ug/L		103	60 - 140
Carbon tetrachloride	50.0	51.47		ug/L		103	70 - 125
Chlorobenzene	50.0	52.81		ug/L		106	82 - 135
Chlorodibromomethane	50.0	53.16		ug/L		106	73 - 125
Chloroethane	50.0	51.05		ug/L		102	60 - 140
Chloroform	50.0	52.40		ug/L		105	70 - 121
Chloromethane	50.0	51.58		ug/L		103	60 - 140
Chloroprene	50.0	55.03		ug/L		110	70 - 130
cis-1,2-Dichloroethene	50.0	53.31		ug/L		107	75 - 125
cis-1,3-Dichloropropene	50.0	53.80		ug/L		108	74 - 125
Cumene (isopropylbenzene)	50.0	54.40		ug/L		109	75 - 125
Cyclohexane	50.0	52.36		ug/L		105	70 - 130
Dibromomethane	50.0	52.32		ug/L		105	69 - 127
Dichlorodifluoromethane	50.0	53.11		ug/L		106	50 - 150
Ethyl methacrylate	50.0	55.14		ug/L		110	70 - 130
Ethylbenzene	50.0	53.64		ug/L		107	75 - 125
Hexane	50.0	55.96		ug/L		112	72 - 125
Iodomethane	50.0	47.79		ug/L		96	75 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-199661/3
Matrix: Water
Analysis Batch: 199661

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Isobutanol			1240	1318		ug/L		106	60 - 140		
Methacrylonitrile			500	531.8		ug/L		106	70 - 130		
Methyl methacrylate			100	105.3		ug/L		105	70 - 130		
Methyl tert-butyl ether			50.0	54.15		ug/L		108	65 - 135		
Methylene Chloride			50.0	48.45		ug/L		97	71 - 125		
Propionitrile			500	519.9		ug/L		104	70 - 130		
Propylbenzene			50.0	55.04		ug/L		110	75 - 125		
Styrene			50.0	54.62		ug/L		109	75 - 125		
Tetrachloroethene			50.0	53.57		ug/L		107	71 - 125		
Tetrahydrofuran			100	108.8		ug/L		109	75 - 125		
Toluene			50.0	52.79		ug/L		106	75 - 130		
trans-1,2-Dichloroethene			50.0	52.20		ug/L		104	75 - 125		
trans-1,3-Dichloropropene			50.0	53.41		ug/L		107	66 - 125		
trans-1,4-Dichloro-2-butene			50.0	59.74		ug/L		119	70 - 130		
Trichloroethene			50.0	52.03		ug/L		104	75 - 135		
Trichlorofluoromethane			50.0	54.07		ug/L		108	60 - 140		
Vinyl acetate			250	289.6		ug/L		116	60 - 140		
Vinyl chloride			50.0	53.99		ug/L		108	60 - 140		
Xylenes, Total			100	107.9		ug/L		108	75 - 125		
m,p-Xylenes			0.0500	0.05408		mg/L		108	75 - 125		
o-Xylene			0.0500	0.05383		mg/L		108	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*
Dibromofluoromethane (Surr)	*103*		*75 - 131*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 860-199661/4
Matrix: Water
Analysis Batch: 199661

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	54.28		ug/L		109	72 - 125	2	25
1,1,1-Trichloroethane			50.0	53.59		ug/L		107	70 - 130	0	25
1,1,2,2-Tetrachloroethane			50.0	55.86		ug/L		112	74 - 125	0	25
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	58.57		ug/L		117	60 - 140	5	25
1,1,2-Trichloroethane			50.0	53.48		ug/L		107	75 - 130	2	25
1,1-Dichloroethane			50.0	54.54		ug/L		109	71 - 130	1	25
1,1-Dichloroethene			50.0	56.31		ug/L		113	50 - 150	3	25
1,2,3-Trichloropropane			50.0	53.60		ug/L		107	75 - 125	0	25
1,2,4-Trimethylbenzene			50.0	59.70		ug/L		119	75 - 125	8	25
1,2-Dibromo-3-Chloropropane			50.0	50.11		ug/L		100	59 - 125	1	25
1,2-Dibromoethane			50.0	54.42		ug/L		109	73 - 125	1	25
1,2-Dichloroethane			50.0	52.43		ug/L		105	72 - 130	2	25
1,2-Dichloropropane			50.0	54.32		ug/L		109	74 - 125	2	25
1,3,5-Trimethylbenzene			50.0	57.84		ug/L		116	60 - 140	7	25
1,3-Butadiene			50.0	50.59		ug/L		101	60 - 150	7	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-199661/4
Matrix: Water
Analysis Batch: 199661

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,2,4-Trimethylpentane	50.0	55.38		ug/L		111	70 - 130	4	25
2-Butanone (MEK)	250	251.7		ug/L		101	60 - 140	7	25
2-Hexanone (MBK)	250	270.1		ug/L		108	60 - 140	6	25
2-Propanol	500	441.1		ug/L		88	70 - 120	13	25
3-Chloropropene (Allyl Chloride)	50.0	49.81		ug/L		100	70 - 130	1	25
4-Methyl-2-pentanone	250	257.9		ug/L		103	60 - 140	6	25
Acetone	250	231.9		ug/L		93	60 - 140	6	25
Acetonitrile	500	471.0		ug/L		94	60 - 140	7	25
Acrolein	250	252.6		ug/L		101	60 - 140	8	25
Acrylonitrile	500	486.6		ug/L		97	60 - 140	7	25
alpha-Chlorotoluene	50.0	58.36		ug/L		117	75 - 125	3	25
Benzene	50.0	53.22		ug/L		106	75 - 125	3	25
Bromodichloromethane	50.0	53.11		ug/L		106	75 - 125	1	25
Bromoform	50.0	53.34		ug/L		107	70 - 130	1	25
Bromomethane	50.0	43.43		ug/L		87	60 - 140	5	25
Carbon disulfide	50.0	52.01		ug/L		104	60 - 140	1	25
Carbon tetrachloride	50.0	53.81		ug/L		108	70 - 125	4	25
Chlorobenzene	50.0	54.35		ug/L		109	82 - 135	3	25
Chlorodibromomethane	50.0	54.30		ug/L		109	73 - 125	2	25
Chloroethane	50.0	46.61		ug/L		93	60 - 140	9	25
Chloroform	50.0	52.85		ug/L		106	70 - 121	1	25
Chloromethane	50.0	47.81		ug/L		96	60 - 140	8	25
Chloroprene	50.0	55.90		ug/L		112	70 - 130	2	25
cis-1,2-Dichloroethene	50.0	53.34		ug/L		107	75 - 125	0	25
cis-1,3-Dichloropropene	50.0	54.51		ug/L		109	74 - 125	1	25
Cumene (isopropylbenzene)	50.0	56.78		ug/L		114	75 - 125	4	25
Cyclohexane	50.0	53.87		ug/L		108	70 - 130	3	25
Dibromomethane	50.0	53.07		ug/L		106	69 - 127	1	25
Dichlorodifluoromethane	50.0	50.39		ug/L		101	50 - 150	5	25
Ethyl methacrylate	50.0	54.88		ug/L		110	70 - 130	0	25
Ethylbenzene	50.0	56.06		ug/L		112	75 - 125	4	25
Hexane	50.0	57.15		ug/L		114	72 - 125	2	25
Iodomethane	50.0	49.41		ug/L		99	75 - 125	3	25
Isobutanol	1240	1138		ug/L		92	60 - 140	15	25
Methacrylonitrile	500	506.5		ug/L		101	70 - 130	5	25
Methyl methacrylate	100	102.9		ug/L		103	70 - 130	2	25
Methyl tert-butyl ether	50.0	53.72		ug/L		107	65 - 135	1	25
Methylene Chloride	50.0	48.15		ug/L		96	71 - 125	1	25
Propionitrile	500	486.9		ug/L		97	70 - 130	7	25
Propylbenzene	50.0	58.93		ug/L		118	75 - 125	7	25
Styrene	50.0	56.70		ug/L		113	75 - 125	4	25
Tetrachloroethene	50.0	56.02		ug/L		112	71 - 125	4	25
Tetrahydrofuran	100	94.18		ug/L		94	75 - 125	14	25
Toluene	50.0	54.84		ug/L		110	75 - 130	4	25
trans-1,2-Dichloroethene	50.0	53.41		ug/L		107	75 - 125	2	25
trans-1,3-Dichloropropene	50.0	55.38		ug/L		111	66 - 125	4	25
trans-1,4-Dichloro-2-butene	50.0	61.25		ug/L		122	70 - 130	2	25
Trichloroethene	50.0	52.42		ug/L		105	75 - 135	1	25
Trichlorofluoromethane	50.0	50.22		ug/L		100	60 - 140	7	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-199661/4
Matrix: Water
Analysis Batch: 199661

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Vinyl acetate			250	281.4		ug/L		113	60 - 140	3	25
Vinyl chloride			50.0	48.70		ug/L		97	60 - 140	10	25
Xylenes, Total			100	111.2		ug/L		111	75 - 125	3	25
m,p-Xylenes			0.0500	0.05579		mg/L		112	75 - 125	3	25
o-Xylene			0.0500	0.05541		mg/L		111	75 - 125	3	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*
Dibromofluoromethane (Surr)	*102*		*75 - 131*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 860-86679-K-1 MS
Matrix: Water
Analysis Batch: 199661

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.644	U	50.0	52.30		ug/L		105	72 - 125
1,1,1-Trichloroethane	<0.585	U	50.0	54.49		ug/L		109	75 - 125
1,1,2,2-Tetrachloroethane	<0.470	U	50.0	53.19		ug/L		106	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	50.0	56.14		ug/L		112	60 - 140
1,1,2-Trichloroethane	<0.411	U	50.0	51.41		ug/L		103	75 - 127
1,1-Dichloroethane	<0.635	U	50.0	54.56		ug/L		109	72 - 125
1,1-Dichloroethene	<0.738	U	50.0	58.05		ug/L		116	59 - 172
1,2,3-Trichloropropane	<0.470	U	50.0	50.16		ug/L		100	75 - 125
1,2,4-Trimethylbenzene	<0.417	U	50.0	55.33		ug/L		111	75 - 125
1,2-Dibromo-3-Chloropropane	<0.671	U	50.0	46.31		ug/L		93	59 - 125
1,2-Dibromoethane	<0.999	U	50.0	51.82		ug/L		104	73 - 125
1,2-Dichloroethane	<0.372	U	50.0	51.63		ug/L		103	68 - 127
1,2-Dichloropropane	<0.556	U	50.0	52.66		ug/L		105	74 - 125
1,3,5-Trimethylbenzene	<0.411	U	50.0	54.20		ug/L		108	70 - 125
1,3-Butadiene	<0.568	U	50.0	48.17		ug/L		96	70 - 150
2,2,4-Trimethylpentane	<0.500	U	50.0	52.00		ug/L		104	70 - 130
2-Butanone (MEK)	<8.28	U	250	254.3		ug/L		102	60 - 140
2-Hexanone (MBK)	<5.00	U	250	264.9		ug/L		106	60 - 140
2-Propanol	<5.23	U	500	505.8		ug/L		101	70 - 120
3-Chloropropene (Allyl Chloride)	<0.597	U	50.0	48.40		ug/L		97	70 - 130
4-Methyl-2-pentanone	<5.00	U	250	258.7		ug/L		103	60 - 140
Acetone	<3.07	U	250	234.9		ug/L		94	60 - 140
Acetonitrile	<14.6	U	500	484.5		ug/L		97	60 - 140
Acrolein	<11.1	U	250	262.1		ug/L		105	50 - 150
Acrylonitrile	<14.3	U	500	496.1		ug/L		99	50 - 150
alpha-Chlorotoluene	<2.26	U	50.0	54.78		ug/L		110	70 - 130
Benzene	<0.460	U	50.0	52.98		ug/L		106	66 - 142
Bromodichloromethane	<0.552	U	50.0	52.87		ug/L		106	75 - 125
Bromoform	<0.633	U	50.0	51.19		ug/L		102	75 - 125
Bromomethane	<1.42	U	50.0	42.92		ug/L		86	60 - 140
Carbon disulfide	<1.65	U	50.0	53.70		ug/L		107	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86679-K-1 MS
Matrix: Water
Analysis Batch: 199661

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon tetrachloride	<0.896	U	50.0	54.86		ug/L		110	62 - 125
Chlorobenzene	<0.455	U	50.0	53.06		ug/L		106	60 - 133
Chlorodibromomethane	<0.547	U	50.0	51.84		ug/L		104	73 - 125
Chloroethane	<1.98	U	50.0	47.46		ug/L		95	60 - 140
Chloroform	<0.464	U	50.0	53.24		ug/L		106	70 - 130
Chloromethane	<2.04	U	50.0	44.64		ug/L		89	60 - 140
Chloroprene	<0.598	U	50.0	55.69		ug/L		111	70 - 130
cis-1,2-Dichloroethene	<0.457	U	50.0	53.87		ug/L		108	75 - 125
cis-1,3-Dichloropropene	<1.07	U	50.0	53.59		ug/L		107	74 - 125
Cumene (isopropylbenzene)	<0.592	U	50.0	55.38		ug/L		111	75 - 125
Cyclohexane	<1.29	U	50.0	51.79		ug/L		104	70 - 130
Dibromomethane	<0.357	U	50.0	52.11		ug/L		104	69 - 127
Dichlorodifluoromethane	<0.785	U	50.0	40.21		ug/L		80	70 - 130
Ethyl methacrylate	<1.12	U	50.0	52.73		ug/L		105	70 - 130
Ethylbenzene	<0.385	U	50.0	54.65		ug/L		109	75 - 125
Hexane	<0.517	U	50.0	55.46		ug/L		111	72 - 125
Iodomethane	<5.00	U	50.0	51.08		ug/L		102	75 - 125
Isobutanol	<17.1	U	1240	1248		ug/L		101	60 - 140
Methacrylonitrile	<2.72	U	500	501.9		ug/L		100	70 - 130
Methyl methacrylate	<2.25	U	100	101.9		ug/L		102	70 - 130
Methyl tert-butyl ether	<1.39	U	50.0	52.14		ug/L		104	65 - 135
Methylene Chloride	<1.73	U	50.0	48.48		ug/L		97	75 - 125
Propionitrile	<3.34	U	500	489.8		ug/L		98	70 - 130
Propylbenzene	<0.429	U	50.0	55.26		ug/L		111	75 - 125
Styrene	<0.619	U	50.0	54.96		ug/L		110	75 - 125
Tetrachloroethene	<0.655	U	50.0	53.72		ug/L		107	71 - 125
Tetrahydrofuran	<1.83	U	100	99.90		ug/L		100	75 - 125
Toluene	<0.475	U	50.0	53.09		ug/L		106	59 - 139
trans-1,2-Dichloroethene	<0.368	U	50.0	54.78		ug/L		110	75 - 125
trans-1,3-Dichloropropene	<1.27	U	50.0	53.18		ug/L		106	66 - 125
trans-1,4-Dichloro-2-butene	<1.35	U	50.0	55.18		ug/L		110	70 - 130
Trichloroethene	<1.50	U	50.0	52.39		ug/L		105	62 - 137
Trichlorofluoromethane	<0.560	U	50.0	51.71		ug/L		103	60 - 140
Vinyl acetate	<2.14	U	250	283.4		ug/L		113	60 - 140
Vinyl chloride	<0.428	U	50.0	48.01		ug/L		96	60 - 140
Xylenes, Total	<1.24	U	100	108.2		ug/L		108	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.05380		mg/L		108	75 - 125
o-Xylene	<0.000502	U	0.0500	0.05437		mg/L		109	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*101*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-199382/1-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199382

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/13/24 04:59	11/18/24 21:29	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/13/24 04:59	11/18/24 21:29	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/13/24 04:59	11/18/24 21:29	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/13/24 04:59	11/18/24 21:29	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		11/13/24 04:59	11/18/24 21:29	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/13/24 04:59	11/18/24 21:29	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/13/24 04:59	11/18/24 21:29	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/13/24 04:59	11/18/24 21:29	1
2,4-Dimethylphenol	<0.192	U	0.571	0.192	ug/L		11/13/24 04:59	11/18/24 21:29	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		11/13/24 04:59	11/18/24 21:29	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/13/24 04:59	11/18/24 21:29	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/13/24 04:59	11/18/24 21:29	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/13/24 04:59	11/18/24 21:29	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/13/24 04:59	11/18/24 21:29	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/13/24 04:59	11/18/24 21:29	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/13/24 04:59	11/18/24 21:29	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/13/24 04:59	11/18/24 21:29	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/13/24 04:59	11/18/24 21:29	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/13/24 04:59	11/18/24 21:29	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/13/24 04:59	11/18/24 21:29	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/13/24 04:59	11/18/24 21:29	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/13/24 04:59	11/18/24 21:29	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/13/24 04:59	11/18/24 21:29	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/13/24 04:59	11/18/24 21:29	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/13/24 04:59	11/18/24 21:29	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/13/24 04:59	11/18/24 21:29	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/13/24 04:59	11/18/24 21:29	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/13/24 04:59	11/18/24 21:29	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/13/24 04:59	11/18/24 21:29	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/13/24 04:59	11/18/24 21:29	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/13/24 04:59	11/18/24 21:29	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/13/24 04:59	11/18/24 21:29	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/13/24 04:59	11/18/24 21:29	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/13/24 04:59	11/18/24 21:29	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/13/24 04:59	11/18/24 21:29	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		11/13/24 04:59	11/18/24 21:29	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/13/24 04:59	11/18/24 21:29	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/13/24 04:59	11/18/24 21:29	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/13/24 04:59	11/18/24 21:29	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/13/24 04:59	11/18/24 21:29	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/13/24 04:59	11/18/24 21:29	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/13/24 04:59	11/18/24 21:29	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		11/13/24 04:59	11/18/24 21:29	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/13/24 04:59	11/18/24 21:29	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/13/24 04:59	11/18/24 21:29	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/13/24 04:59	11/18/24 21:29	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/13/24 04:59	11/18/24 21:29	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/13/24 04:59	11/18/24 21:29	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199382/1-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199382

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/13/24 04:59	11/18/24 21:29	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/13/24 04:59	11/18/24 21:29	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/13/24 04:59	11/18/24 21:29	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/13/24 04:59	11/18/24 21:29	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/13/24 04:59	11/18/24 21:29	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/13/24 04:59	11/18/24 21:29	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/13/24 04:59	11/18/24 21:29	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		11/13/24 04:59	11/18/24 21:29	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/13/24 04:59	11/18/24 21:29	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/13/24 04:59	11/18/24 21:29	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/13/24 04:59	11/18/24 21:29	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/13/24 04:59	11/18/24 21:29	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/13/24 04:59	11/18/24 21:29	1
Phenol	<0.448	U	2.86	0.448	ug/L		11/13/24 04:59	11/18/24 21:29	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/13/24 04:59	11/18/24 21:29	1
Pyridine	<1.44	U	2.86	1.44	ug/L		11/13/24 04:59	11/18/24 21:29	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/13/24 04:59	11/18/24 21:29	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/13/24 04:59	11/18/24 21:29	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/13/24 04:59	11/18/24 21:29	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/13/24 04:59	11/18/24 21:29	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/13/24 04:59	11/18/24 21:29	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		11/13/24 04:59	11/18/24 21:29	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/13/24 04:59	11/18/24 21:29	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/13/24 04:59	11/18/24 21:29	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/13/24 04:59	11/18/24 21:29	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/13/24 04:59	11/18/24 21:29	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/13/24 04:59	11/18/24 21:29	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/13/24 04:59	11/18/24 21:29	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/13/24 04:59	11/18/24 21:29	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/13/24 04:59	11/18/24 21:29	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		11/13/24 04:59	11/18/24 21:29	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/13/24 04:59	11/18/24 21:29	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/13/24 04:59	11/18/24 21:29	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/13/24 04:59	11/18/24 21:29	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/13/24 04:59	11/18/24 21:29	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/13/24 04:59	11/18/24 21:29	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/13/24 04:59	11/18/24 21:29	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/13/24 04:59	11/18/24 21:29	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/13/24 04:59	11/18/24 21:29	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/13/24 04:59	11/18/24 21:29	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		11/13/24 04:59	11/18/24 21:29	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		11/13/24 04:59	11/18/24 21:29	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/13/24 04:59	11/18/24 21:29	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/13/24 04:59	11/18/24 21:29	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/13/24 04:59	11/18/24 21:29	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/13/24 04:59	11/18/24 21:29	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/13/24 04:59	11/18/24 21:29	1
Dimethoate	<0.122	U	0.571	0.122	ug/L		11/13/24 04:59	11/18/24 21:29	1
Dinoseb	<0.570	U	2.86	0.570	ug/L		11/13/24 04:59	11/18/24 21:29	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199382/1-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199382

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Disulfoton	<0.203	U	0.571	0.203	ug/L		11/13/24 04:59	11/18/24 21:29	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/13/24 04:59	11/18/24 21:29	1
Ethyl Parathion	<0.0502	U	0.229	0.0502	ug/L		11/13/24 04:59	11/18/24 21:29	1
Famphur	<0.151	U	1.14	0.151	ug/L		11/13/24 04:59	11/18/24 21:29	1
Hexachloropropene	<0.300	U	0.571	0.300	ug/L		11/13/24 04:59	11/18/24 21:29	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/13/24 04:59	11/18/24 21:29	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/13/24 04:59	11/18/24 21:29	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/13/24 04:59	11/18/24 21:29	1
Methapyrilene	<1.00	U	2.29	1.00	ug/L		11/13/24 04:59	11/18/24 21:29	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/13/24 04:59	11/18/24 21:29	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		11/13/24 04:59	11/18/24 21:29	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/13/24 04:59	11/18/24 21:29	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		11/13/24 04:59	11/18/24 21:29	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/13/24 04:59	11/18/24 21:29	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/13/24 04:59	11/18/24 21:29	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/13/24 04:59	11/18/24 21:29	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		11/13/24 04:59	11/18/24 21:29	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		11/13/24 04:59	11/18/24 21:29	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		11/13/24 04:59	11/18/24 21:29	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/13/24 04:59	11/18/24 21:29	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/13/24 04:59	11/18/24 21:29	1
Phorate	<0.221	U	0.571	0.221	ug/L		11/13/24 04:59	11/18/24 21:29	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		11/13/24 04:59	11/18/24 21:29	1
Pronamide	<0.100	U	0.571	0.100	ug/L		11/13/24 04:59	11/18/24 21:29	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/13/24 04:59	11/18/24 21:29	1
Sulfotepp	<0.147	U	0.571	0.147	ug/L		11/13/24 04:59	11/18/24 21:29	1
Thionazin	<0.208	U	1.14	0.208	ug/L		11/13/24 04:59	11/18/24 21:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*101*		*35 - 130*	*11/13/24 04:59*	*11/18/24 21:29*	*1*
2-Fluorobiphenyl	*115*		*43 - 130*	*11/13/24 04:59*	*11/18/24 21:29*	*1*
2-Fluorophenol (Surr)	*66*		*19 - 120*	*11/13/24 04:59*	*11/18/24 21:29*	*1*
Nitrobenzene-d5 (Surr)	*106*		*37 - 133*	*11/13/24 04:59*	*11/18/24 21:29*	*1*
Phenol-d5 (Surr)	*44*		*8 - 124*	*11/13/24 04:59*	*11/18/24 21:29*	*1*
p-Terphenyl-d14	*136*	*S1+*	*47 - 130*	*11/13/24 04:59*	*11/18/24 21:29*	*1*

Lab Sample ID: LCS 860-199382/2-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199382

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	2.86	1.207		ug/L		42	32 - 130
1,2-Dichlorobenzene	2.86	1.269		ug/L		44	32 - 130
1,3-Dichlorobenzene	2.86	1.168		ug/L		41	26 - 130
1,4-Dichlorobenzene	2.86	1.159		ug/L		41	28 - 130
2,2'-oxybis[1-chloropropane]	2.86	2.931		ug/L		103	10 - 173
2,4,5-Trichlorophenol	2.86	2.762		ug/L		97	35 - 130
2,4,6-Trichlorophenol	2.86	2.534		ug/L		89	52 - 129

Client: Ashland LLC
Job ID: 860-86677-1
Project/Site: Hercules Hattiesburg, MS

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199382/2-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199382

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dichlorophenol	2.86	2.763		ug/L		97	53 - 122
2,4-Dimethylphenol	2.86	3.692	*+	ug/L		129	42 - 120
1,4-Dioxane	2.86	0.8885		ug/L		31	27 - 130
2,4-Dinitrophenol	2.86	1.597	J	ug/L		56	12 - 173
2,4-Dinitrotoluene	2.86	2.795		ug/L		98	48 - 127
2,6-Dinitrotoluene	2.86	2.802		ug/L		98	68 - 137
2-Chloronaphthalene	2.86	1.871		ug/L		65	10 - 130
2-Methylnaphthalene	2.86	1.768		ug/L		62	25 - 175
2-Methylphenol	2.86	2.771		ug/L		97	14 - 176
2-Nitroaniline	2.86	2.922		ug/L		102	59 - 130
2-Nitrophenol	2.86	2.626		ug/L		92	45 - 167
3 & 4 Methylphenol	2.86	2.440		ug/L		85	22 - 130
3-Nitroaniline	2.86	1.578		ug/L		55	30 - 130
4,6-Dinitro-2-methylphenol	2.86	1.664		ug/L		58	10 - 130
4-Bromophenyl phenyl ether	2.86	2.791		ug/L		98	65 - 120
4-Chloro-3-methylphenol	2.86	2.672		ug/L		94	41 - 128
4-Chloroaniline	2.86	1.642		ug/L		57	30 - 130
4-Chlorophenyl phenyl ether	2.86	2.732		ug/L		96	38 - 145
4-Nitroaniline	2.86	2.197		ug/L		77	42 - 125
Acenaphthene	2.86	2.388		ug/L		84	60 - 132
Acenaphthylene	2.86	2.738		ug/L		96	54 - 126
Aniline	2.86	1.533		ug/L		54	15 - 130
Anthracene	2.86	2.714		ug/L		95	43 - 135
Benzo[a]anthracene	2.86	3.435		ug/L		120	42 - 133
Benzo[a]pyrene	2.86	3.212		ug/L		112	32 - 148
Benzo[b]fluoranthene	2.86	3.358		ug/L		118	42 - 140
Benzo[g,h,i]perylene	2.86	3.194		ug/L		112	25 - 195
Benzo[k]fluoranthene	2.86	3.288		ug/L		115	25 - 146
Benzyl alcohol	2.86	1.571	*-	ug/L		55	57 - 130
Bis(2-chloroethoxy)methane	2.86	3.195		ug/L		112	49 - 165
Bis(2-chloroethyl)ether	2.86	3.443		ug/L		120	43 - 126
Bis(2-ethylhexyl) phthalate	2.86	3.065		ug/L		107	29 - 137
Butyl benzyl phthalate	2.86	2.594		ug/L		91	28 - 130
Chrysene	2.86	3.345		ug/L		117	47 - 130
Dibenz(a,h)anthracene	2.86	3.306		ug/L		116	32 - 200
Dibenzofuran	2.86	2.780		ug/L		97	48 - 130
Diethyl phthalate	2.86	3.030		ug/L		106	53 - 120
Dimethyl phthalate	2.86	3.187		ug/L		112	67 - 120
Di-n-butyl phthalate	2.86	2.916		ug/L		102	8 - 120
Di-n-octyl phthalate	2.86	2.952		ug/L		103	19 - 200
Fluoranthene	2.86	3.227		ug/L		113	43 - 130
Fluorene	2.86	2.546		ug/L		89	70 - 130
Hexachlorobenzene	2.86	2.960		ug/L		104	8 - 142
Hexachlorobutadiene	2.86	0.6578		ug/L		23	10 - 130
Hexachlorocyclopentadiene	2.86	1.296		ug/L		45	10 - 130
Hexachloroethane	2.86	0.8573		ug/L		30	10 - 130
Indeno[1,2,3-cd]pyrene	2.86	3.100		ug/L		109	29 - 151
Naphthalene	2.86	2.026		ug/L		71	36 - 120
Nitrobenzene	2.86	2.828		ug/L		99	54 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199382/2-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199382

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-Nitrosodi-n-propylamine	2.86	2.579		ug/L		90	14 - 198
N-Nitrosodiphenylamine	2.86	3.178		ug/L		111	40 - 127
Pentachlorophenol	2.86	2.309		ug/L		81	38 - 152
Phenanthrene	2.86	3.116		ug/L		109	65 - 120
Phenol	2.86	1.152	J	ug/L		40	17 - 120
Pyrene	2.86	3.201		ug/L		112	70 - 130
Pyridine	2.86	<1.44	U	ug/L		44	1 - 126
N-Nitro-o-toluidine	2.86	2.119		ug/L		74	47 - 130
2,3,4,6-Tetrachlorophenol	2.86	2.123		ug/L		74	33 - 132
Acetophenone	2.86	2.972		ug/L		104	58 - 130
N-Nitrosopiperidine	2.86	2.517		ug/L		88	54 - 130
Pentachlorobenzene	2.86	2.000		ug/L		70	47 - 130
Diphenyl ether	2.86	2.293		ug/L		80	61 - 130
1,1'-Biphenyl	2.86	2.209		ug/L		77	52 - 130
4-Aminobiphenyl	2.86	2.357		ug/L		82	35 - 130
1,2,4,5-Tetrachlorobenzene	2.86	1.372	*-	ug/L		48	52 - 130
1,3,5-Trinitrobenzene	2.86	3.472		ug/L		122	42 - 130
1,3-Dinitrobenzene	2.86	2.832		ug/L		99	54 - 130
1,4-Naphthoquinone	2.86	1.449		ug/L		51	34 - 130
1-Naphthylamine	2.86	1.357		ug/L		47	40 - 130
2,6-Dichlorophenol	2.86	2.567		ug/L		90	40 - 130
2-Acetylaminofluorene	2.86	4.122		ug/L		144	50 - 150
2-Chlorophenol	2.86	2.779		ug/L		97	36 - 120
2-Naphthylamine	2.86	1.735		ug/L		61	30 - 130
2-Picoline	2.86	1.444		ug/L		51	22 - 130
2-Toluidine	2.86	1.549		ug/L		54	30 - 130
3,3'-Dichlorobenzidine	2.86	2.821		ug/L		99	20 - 150
3,3'-Dimethylbenzidine	2.86	1.408		ug/L		49	30 - 130
3-Methylcholanthrene	2.86	3.067		ug/L		107	53 - 130
4-Nitroquinoline-1-oxide	2.86	2.413		ug/L		84	39 - 130
7,12-Dimethylbenz(a)anthracene	2.86	2.796		ug/L		98	63 - 130
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U *-	ug/L		0	20 - 130
Ethyl methanesulfonate	2.86	2.254		ug/L		79	54 - 130
Hexachloropropene	2.86	0.7536	*-	ug/L		26	37 - 130
Methyl methanesulfonate	2.86	1.189		ug/L		42	30 - 130
N-Nitrosodiethylamine	2.86	2.947		ug/L		103	54 - 130
N-Nitrosodimethylamine	2.86	0.7254	*-	ug/L		25	28 - 126
N-Nitrosodi-n-butylamine	2.86	2.920		ug/L		102	58 - 130
N-Nitrosomethylethylamine	2.86	1.931		ug/L		68	45 - 130
N-Nitrosomorpholine	2.86	1.376		ug/L		48	37 - 130
N-Nitrosopyrrolidine	2.86	1.237	*-	ug/L		43	47 - 130
p-Dimethylamino azobenzene	2.86	2.424		ug/L		85	61 - 130
Pentachloronitrobenzene	2.86	3.122		ug/L		109	56 - 130
Phenacetin	2.86	2.649		ug/L		93	70 - 130
p-Phenylene diamine	2.86	<0.500	U *-	ug/L		0	3 - 120
Pronamide	2.86	3.252		ug/L		114	70 - 130
Safrole, Total	2.86	2.411		ug/L		84	70 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199382/2-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199382

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	103		35 - 130
2-Fluorobiphenyl	98		43 - 130
2-Fluorophenol (Surr)	59		19 - 120
Nitrobenzene-d5 (Surr)	103		37 - 133
Phenol-d5 (Surr)	41		8 - 124
p-Terphenyl-d14	105		47 - 130

Lab Sample ID: LCS 860-199382/4-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199382

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	115		35 - 130
2-Fluorobiphenyl	113		43 - 130
2-Fluorophenol (Surr)	48		19 - 120
Nitrobenzene-d5 (Surr)	118		37 - 133
Phenol-d5 (Surr)	32		8 - 124
p-Terphenyl-d14	129		47 - 130

Lab Sample ID: LCSD 860-199382/3-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199382

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			2.86	1.177		ug/L		41	32 - 130	2	30
1,2-Dichlorobenzene			2.86	1.190		ug/L		42	32 - 130	6	30
1,3-Dichlorobenzene			2.86	1.070		ug/L		37	26 - 130	9	30
1,4-Dichlorobenzene			2.86	1.137		ug/L		40	28 - 130	2	30
2,2'-oxybis[1-chloropropane]			2.86	2.597	J	ug/L		91	10 - 173	12	30
2,4,5-Trichlorophenol			2.86	2.833		ug/L		99	35 - 130	3	30
2,4,6-Trichlorophenol			2.86	2.556		ug/L		89	52 - 129	1	30
2,4-Dichlorophenol			2.86	3.016		ug/L		106	53 - 122	9	30
2,4-Dimethylphenol			2.86	3.701	*+	ug/L		130	42 - 120	0	30
1,4-Dioxane			2.86	0.8644		ug/L		30	27 - 130	3	30
2,4-Dinitrophenol			2.86	1.667	J	ug/L		58	12 - 173	4	30
2,4-Dinitrotoluene			2.86	3.161		ug/L		111	48 - 127	12	30
2,6-Dinitrotoluene			2.86	2.875		ug/L		101	68 - 137	3	30
2-Chloronaphthalene			2.86	1.922		ug/L		67	10 - 130	3	30
2-Methylnaphthalene			2.86	1.844		ug/L		65	25 - 175	4	30
2-Methylphenol			2.86	2.428		ug/L		85	14 - 176	13	30
2-Nitroaniline			2.86	3.024		ug/L		106	59 - 130	3	30
2-Nitrophenol			2.86	2.625		ug/L		92	45 - 167	0	30
3 & 4 Methylphenol			2.86	2.339		ug/L		82	22 - 130	4	30
3-Nitroaniline			2.86	1.630		ug/L		57	30 - 130	3	30
4,6-Dinitro-2-methylphenol			2.86	1.844		ug/L		65	10 - 130	10	30
4-Bromophenyl phenyl ether			2.86	3.147		ug/L		110	65 - 120	12	30
4-Chloro-3-methylphenol			2.86	2.768		ug/L		97	41 - 128	4	30
4-Chloroaniline			2.86	1.490		ug/L		52	30 - 130	10	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199382/3-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199382

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chlorophenyl phenyl ether	2.86	2.995		ug/L		105	38 - 145	9	30
4-Nitroaniline	2.86	2.355		ug/L		82	42 - 125	7	30
Acenaphthene	2.86	2.732		ug/L		96	60 - 132	13	30
Acenaphthylene	2.86	2.764		ug/L		97	54 - 126	1	30
Aniline	2.86	1.350		ug/L		47	15 - 130	13	30
Anthracene	2.86	2.965		ug/L		104	43 - 135	9	30
Benzo[a]anthracene	2.86	3.167		ug/L		111	42 - 133	8	30
Benzo[a]pyrene	2.86	2.997		ug/L		105	32 - 148	7	30
Benzo[b]fluoranthene	2.86	3.076		ug/L		108	42 - 140	9	30
Benzo[g,h,i]perylene	2.86	2.911		ug/L		102	25 - 195	9	30
Benzo[k]fluoranthene	2.86	3.046		ug/L		107	25 - 146	8	30
Benzyl alcohol	2.86	1.385	*-	ug/L		48	57 - 130	13	30
Bis(2-chloroethoxy)methane	2.86	3.287		ug/L		115	49 - 165	3	30
Bis(2-chloroethyl)ether	2.86	3.049		ug/L		107	43 - 126	12	30
Bis(2-ethylhexyl) phthalate	2.86	2.928		ug/L		102	29 - 137	5	30
Butyl benzyl phthalate	2.86	2.792		ug/L		98	28 - 130	7	30
Chrysene	2.86	3.044		ug/L		107	47 - 130	9	30
Dibenz(a,h)anthracene	2.86	3.055		ug/L		107	32 - 200	8	30
Dibenzofuran	2.86	3.081		ug/L		108	48 - 130	10	30
Diethyl phthalate	2.86	3.222		ug/L		113	53 - 120	6	30
Dimethyl phthalate	2.86	3.339		ug/L		117	67 - 120	5	30
Di-n-butyl phthalate	2.86	3.173		ug/L		111	8 - 120	8	30
Di-n-octyl phthalate	2.86	2.774		ug/L		97	19 - 200	6	30
Fluoranthene	2.86	3.437		ug/L		120	43 - 130	6	30
Fluorene	2.86	2.817		ug/L		99	70 - 130	10	30
Hexachlorobenzene	2.86	3.278		ug/L		115	8 - 142	10	30
Hexachlorobutadiene	2.86	0.6698		ug/L		23	10 - 130	2	30
Hexachlorocyclopentadiene	2.86	1.316		ug/L		46	10 - 130	2	30
Hexachloroethane	2.86	0.7310		ug/L		26	10 - 130	16	30
Indeno[1,2,3-cd]pyrene	2.86	2.799		ug/L		98	29 - 151	10	30
Naphthalene	2.86	2.068		ug/L		72	36 - 120	2	30
Nitrobenzene	2.86	2.517		ug/L		88	54 - 130	12	30
N-Nitrosodi-n-propylamine	2.86	2.523		ug/L		88	14 - 198	2	30
N-Nitrosodiphenylamine	2.86	3.440		ug/L		120	40 - 127	8	30
Pentachlorophenol	2.86	2.496		ug/L		87	38 - 152	8	30
Phenanthrene	2.86	3.330		ug/L		117	65 - 120	7	30
Phenol	2.86	1.055	J	ug/L		37	17 - 120	9	30
Pyrene	2.86	3.468		ug/L		121	70 - 130	8	30
Pyridine	2.86	<1.44	U	ug/L		45	1 - 126	3	30
N-Nitro-o-toluidine	2.86	2.455		ug/L		86	47 - 130	15	30
2,3,4,6-Tetrachlorophenol	2.86	2.083		ug/L		73	33 - 132	2	30
Acetophenone	2.86	2.732		ug/L		96	58 - 130	8	30
N-Nitrosopiperidine	2.86	2.701		ug/L		95	54 - 130	7	30
Pentachlorobenzene	2.86	2.145		ug/L		75	47 - 130	7	30
Diphenyl ether	2.86	2.377		ug/L		83	61 - 130	4	30
1,1'-Biphenyl	2.86	2.244		ug/L		79	52 - 130	2	30
4-Aminobiphenyl	2.86	2.462		ug/L		86	35 - 130	4	30
1,2,4,5-Tetrachlorobenzene	2.86	1.359	*-	ug/L		48	52 - 130	1	30
1,3,5-Trinitrobenzene	2.86	3.369		ug/L		118	42 - 130	3	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199382/3-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199382

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,3-Dinitrobenzene			2.86	2.971		ug/L		104	54 - 130	5	30
1,4-Naphthoquinone			2.86	1.485		ug/L		52	34 - 130	2	30
1-Naphthylamine			2.86	1.513		ug/L		53	40 - 130	11	30
2,6-Dichlorophenol			2.86	2.611		ug/L		91	40 - 130	2	30
2-Acetylaminofluorene			2.86	4.226		ug/L		148	50 - 150	3	30
2-Chlorophenol			2.86	2.500		ug/L		87	36 - 120	11	30
2-Naphthylamine			2.86	1.782		ug/L		62	30 - 130	3	30
2-Picoline			2.86	1.222		ug/L		43	22 - 130	17	30
2-Toluidine			2.86	1.354		ug/L		47	30 - 130	13	30
3,3'-Dichlorobenzidine			2.86	3.071		ug/L		107	20 - 150	8	30
3,3'-Dimethylbenzidine			2.86	1.377		ug/L		48	30 - 130	2	30
3-Methylcholanthrene			2.86	2.837		ug/L		99	53 - 130	8	30
4-Nitroquinoline-1-oxide			2.86	2.761		ug/L		97	39 - 130	13	30
7,12-Dimethylbenz(a)anthracene			2.86	2.577		ug/L		90	63 - 130	8	30
alpha,alpha-Dimethyl phenethylamine			2.86	<3.67	U *1	ug/L		32	20 - 130	200	30
Ethyl methanesulfonate			2.86	2.074		ug/L		73	54 - 130	8	30
Hexachloropropene			2.86	0.7570	*-	ug/L		26	37 - 130	0	30
Methyl methanesulfonate			2.86	1.072		ug/L		38	30 - 130	10	30
N-Nitrosodiethylamine			2.86	2.627		ug/L		92	54 - 130	11	30
N-Nitrosodimethylamine			2.86	0.6524	*-	ug/L		23	28 - 126	11	30
N-Nitrosodi-n-butylamine			2.86	3.074		ug/L		108	58 - 130	5	30
N-Nitrosomethylethylamine			2.86	1.811		ug/L		63	45 - 130	6	30
N-Nitrosomorpholine			2.86	1.249		ug/L		44	37 - 130	10	30
N-Nitrosopyrrolidine			2.86	1.290	*-	ug/L		45	47 - 130	4	30
p-Dimethylamino azobenzene			2.86	2.641		ug/L		92	61 - 130	9	30
Pentachloronitrobenzene			2.86	3.245		ug/L		114	56 - 130	4	30
Phenacetin			2.86	3.092		ug/L		108	70 - 130	15	30
p-Phenylene diamine			2.86	<0.500	U *-	ug/L		0	3 - 120	NC	30
Pronamide			2.86	3.654		ug/L		128	70 - 130	12	30
Safrole, Total			2.86	2.622		ug/L		92	70 - 130	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*109*		*35 - 130*
2-Fluorobiphenyl	*111*		*43 - 130*
2-Fluorophenol (Surr)	*54*		*19 - 120*
Nitrobenzene-d5 (Surr)	*107*		*37 - 133*
Phenol-d5 (Surr)	*36*		*8 - 124*
p-Terphenyl-d14	*112*		*47 - 130*

Lab Sample ID: LCSD 860-199382/5-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199382

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*104*		*35 - 130*
2-Fluorobiphenyl	*123*		*43 - 130*
2-Fluorophenol (Surr)	*51*		*19 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199382/5-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199382

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Nitrobenzene-d5 (Surr)	133		37 - 133
Phenol-d5 (Surr)	33		8 - 124
p-Terphenyl-d14	124		47 - 130

Lab Sample ID: 860-86677-3 MS
Matrix: Water
Analysis Batch: 204030

Client Sample ID: MW-33-S
Prep Type: Total/NA
Prep Batch: 199382

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	<0.0775	U	2.86	1.929		ug/L		67	44 - 142
1,2-Dichlorobenzene	<0.0952	U	2.86	2.146		ug/L		75	51 - 130
1,3-Dichlorobenzene	<0.103	U	2.86	1.792		ug/L		63	47 - 130
1,4-Dichlorobenzene	<0.0788	U	2.86	1.886		ug/L		66	46 - 130
2,2'-oxybis[1-chloropropane]	<1.45	U	2.86	3.925	I	ug/L		137	36 - 166
2,4,5-Trichlorophenol	<0.145	U F1	2.86	4.515	F1	ug/L		158	35 - 130
2,4,6-Trichlorophenol	<0.233	U F1	2.86	4.251	F1	ug/L		149	37 - 144
2,4-Dichlorophenol	<0.142	U F1	2.86	4.287	F1	ug/L		150	39 - 135
2,4-Dimethylphenol	<0.194	U *+ F1	2.86	5.658	F1	ug/L		198	32 - 120
1,4-Dioxane	<0.0900	U	2.86	1.548		ug/L		54	28 - 130
2,4-Dinitrophenol	<0.105	U	2.86	3.019		ug/L		106	26 - 191
2,4-Dinitrotoluene	<0.207	U F1	2.86	4.219	F1	ug/L		147	39 - 139
2,6-Dinitrotoluene	<0.118	U F1	2.86	4.690	F1	ug/L		164	50 - 158
2-Chloronaphthalene	<0.383	U F1	2.86	3.640	F1	ug/L		127	60 - 120
2-Methylnaphthalene	<0.0609	U	2.86	2.900		ug/L		101	25 - 175
2-Methylphenol	<0.106	U	2.86	3.737		ug/L		131	14 - 176
2-Nitroaniline	<0.151	U F1	2.86	4.496	F1	ug/L		157	59 - 130
2-Nitrophenol	<0.138	U	2.86	4.925		ug/L		172	29 - 182
3 & 4 Methylphenol	<0.140	U	2.86	3.205		ug/L		112	22 - 130
3-Nitroaniline	<0.0862	U	2.86	2.382		ug/L		83	30 - 130
4,6-Dinitro-2-methylphenol	<0.204	U	2.86	4.230		ug/L		148	25 - 181
4-Bromophenyl phenyl ether	<0.101	U F1	2.86	3.711	F1	ug/L		130	53 - 127
4-Chloro-3-methylphenol	<0.105	U F1	2.86	4.486	F1	ug/L		157	22 - 147
4-Chloroaniline	<0.0390	U	2.86	2.369		ug/L		83	30 - 130
4-Chlorophenyl phenyl ether	<0.132	U	2.86	3.677		ug/L		129	25 - 158
4-Nitroaniline	<0.110	U	2.86	3.095		ug/L		108	53 - 130
Acenaphthene	0.138	J	2.86	4.175		ug/L		141	47 - 145
Acenaphthylene	<0.101	U F1	2.86	4.657	F1	ug/L		163	33 - 145
Aniline	<0.0586	U	2.86	1.985		ug/L		69	20 - 130
Anthracene	<0.0949	U F1	2.86	4.515	F1	ug/L		158	27 - 133
Benzo[a]anthracene	<0.0289	U F1	2.86	5.491	F1	ug/L		192	33 - 143
Benzo[a]pyrene	<0.0303	U F1	2.86	5.536	F1	ug/L		193	17 - 163
Benzo[b]fluoranthene	<0.0672	U F1	2.86	5.070	F1	ug/L		177	24 - 159
Benzo[g,h,i]perylene	<0.0349	U	2.86	5.106		ug/L		178	25 - 219
Benzo[k]fluoranthene	<0.0478	U F1	2.86	5.300	F1	ug/L		185	11 - 162
Benzyl alcohol	<0.607	U *-	2.86	2.954		ug/L		103	57 - 130
Bis(2-chloroethoxy)methane	<0.0986	U	2.86	4.965		ug/L		174	33 - 184
Bis(2-chloroethyl)ether	<0.217	U F1	2.86	4.914	F1	ug/L		172	12 - 158
Bis(2-ethylhexyl) phthalate	<0.910	U F1	2.86	5.997	F1	ug/L		210	8 - 158

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-86677-3 MS
Matrix: Water
Analysis Batch: 204030

Client Sample ID: MW-33-S
Prep Type: Total/NA
Prep Batch: 199382

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Butyl benzyl phthalate	<0.506	U F1	2.86	5.343	F1	ug/L		187	70 - 152
Chrysene	<0.0825	U F1	2.86	4.958	F1	ug/L		173	17 - 168
Dibenz(a,h)anthracene	<0.0515	U	2.86	5.647		ug/L		197	32 - 227
Dibenzofuran	<0.108	U F1	2.86	3.956	F1	ug/L		138	48 - 130
Diethyl phthalate	<0.156	U F1	2.86	4.573	F1	ug/L		160	25 - 120
Dimethyl phthalate	<0.109	U F1	2.86	4.779	F1	ug/L		167	25 - 120
Di-n-butyl phthalate	<0.774	U F1	2.86	4.436	F1	ug/L		155	1 - 120
Di-n-octyl phthalate	<0.272	U F1	2.86	6.584	F1	ug/L		230	4 - 146
Fluoranthene	<0.0893	U F1	2.86	4.942	F1	ug/L		173	26 - 137
Fluorene	<0.0959	U F1	2.86	4.122	F1	ug/L		144	59 - 121
Hexachlorobenzene	<0.0986	U	2.86	4.235		ug/L		148	8 - 152
Hexachlorobutadiene	<0.104	U	2.86	0.7886		ug/L		28	24 - 120
Hexachlorocyclopentadiene	<0.0518	U	2.86	2.480		ug/L		87	30 - 130
Hexachloroethane	<0.103	U	2.86	1.197		ug/L		42	40 - 120
Indeno[1,2,3-cd]pyrene	<0.101	U F1	2.86	5.297	F1	ug/L		185	29 - 171
Naphthalene	<0.0955	U	2.86	3.495		ug/L		122	21 - 133
Nitrobenzene	<0.0745	U	2.86	4.853		ug/L		170	35 - 180
N-Nitrosodi-n-propylamine	<0.120	U	2.86	4.295		ug/L		150	14 - 230
N-Nitrosodiphenylamine	<0.146	U F1	2.86	4.496	F1	ug/L		157	60 - 130
Pentachlorophenol	<1.05	U	2.86	3.840		ug/L		134	14 - 176
Phenanthrene	<0.136	U F1	2.86	4.713	F1	ug/L		165	54 - 120
Phenol	1.21	J I	2.86	3.627		ug/L		85	5 - 120
Pyrene	<0.0859	U F1	2.86	4.904	F1	ug/L		171	52 - 120
Pyridine	<1.45	U F1	2.86	<1.44	U F1	ug/L		0	5 - 120
N-Nitro-o-toluidine	<0.526	U	2.86	3.276		ug/L		115	47 - 130
2,3,4,6-Tetrachlorophenol	<0.213	U F1	2.86	4.663	F1	ug/L		163	33 - 132
Acetophenone	<0.631	U F1	2.86	4.790	F1	ug/L		167	58 - 130
N-Nitrosopiperidine	<0.473	U F1	2.86	4.332	F1	ug/L		151	54 - 130
Pentachlorobenzene	<0.269	U	2.86	2.676		ug/L		94	47 - 130
1,1'-Biphenyl	0.114	J	2.86	3.719		ug/L		126	52 - 130
4-Aminobiphenyl	<0.399	U *+	2.86	2.417		ug/L		84	35 - 130
1,2,4,5-Tetrachlorobenzene	<0.0968	U *-	2.86	2.215		ug/L		77	52 - 130
1,3,5-Trinitrobenzene	<0.120	U F1	2.86	3.671		ug/L		128	42 - 130
1,3-Dinitrobenzene	<0.0782	U F1	2.86	5.062	F1	ug/L		177	54 - 130
1,4-Naphthoquinone	<0.318	U	2.86	2.681		ug/L		94	34 - 130
1-Naphthylamine	<0.150	U F1	2.86	0.5898	F1	ug/L		21	40 - 130
2,6-Dichlorophenol	<0.120	U F1	2.86	4.538	F1	ug/L		159	40 - 130
2-Acetylaminofluorene	<1.28	U *+ F1	2.86	7.981	F1	ug/L		279	50 - 150
2-Chlorophenol	<0.0765	U F1	2.86	4.219	F1	ug/L		147	23 - 134
2-Naphthylamine	<0.291	U	2.86	1.109		ug/L		39	30 - 130
2-Picoline	<0.124	U F2 F1	2.86	0.4211	J F1	ug/L		15	22 - 130
2-Toluidine	<0.310	U	2.86	2.012		ug/L		70	30 - 130
3,3'-Dichlorobenzidine	<0.185	U	2.86	3.513		ug/L		123	25 - 200
3,3'-Dimethylbenzidine	<0.143	U F2 F1 * +	2.86	0.8997		ug/L		31	30 - 130
3-Methylcholanthrene	<0.106	U F1	2.86	4.768	F1	ug/L		167	53 - 130
4-Nitroquinoline-1-oxide	<0.739	U	2.86	2.219		ug/L		78	39 - 130
7,12-Dimethylbenz(a)anthracene	<0.244	U F1	2.86	0.9188	F1	ug/L		32	63 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-86677-3 MS
Matrix: Water
Analysis Batch: 204030

Client Sample ID: MW-33-S
Prep Type: Total/NA
Prep Batch: 199382

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
alpha,alpha-Dimethyl phenethylamine	<3.71	U *- *1	2.86	<3.68	U	ug/L		NC	20 - 130
Ethyl methanesulfonate	<0.229	U	2.86	3.431		ug/L		120	54 - 130
Hexachloropropene	<0.303	U *-	2.86	1.069		ug/L		37	37 - 130
Methyl methanesulfonate	<0.121	U	2.86	1.837		ug/L		64	30 - 130
N-Nitrosodiethylamine	<0.545	U F1	2.86	4.288	F1	ug/L		150	54 - 130
N-Nitrosodimethylamine	<0.101	U *-	2.86	1.068		ug/L		37	30 - 130
N-Nitrosodi-n-butylamine	<0.522	U *+ F1	2.86	4.847	F1	ug/L		169	58 - 130
N-Nitrosomethylethylamine	<0.297	U	2.86	3.471		ug/L		121	45 - 130
N-Nitrosomorpholine	<0.223	U	2.86	1.705		ug/L		60	37 - 130
N-Nitrosopyrrolidine	<0.271	U *-	2.86	2.109		ug/L		74	47 - 130
p-Dimethylamino azobenzene	<0.0241	U *+ F1	2.86	4.249	F1	ug/L		149	61 - 130
Pentachloronitrobenzene	<0.101	U F1	2.86	4.382	F1	ug/L		153	56 - 130
Phenacetin	<0.101	U F1	2.86	4.453	F1	ug/L		156	70 - 130
p-Phenylene diamine	<0.506	U *- F1	2.86	<0.501	U F1	ug/L		0	3 - 120
Pronamide	<0.101	U *+ F1	2.86	5.042	F1	ug/L		176	70 - 130
Safrole, Total	<0.0578	U F1	2.86	4.166	F1	ug/L		146	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*144*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*128*		*43 - 130*
2-Fluorophenol (Surr)	*93*		*19 - 120*
Nitrobenzene-d5 (Surr)	*159*	*S1+*	*37 - 133*
Phenol-d5 (Surr)	*57*		*8 - 124*
p-Terphenyl-d14	*142*	*S1+*	*47 - 130*

Lab Sample ID: 860-86677-3 MSD
Matrix: Water
Analysis Batch: 204030

Client Sample ID: MW-33-S
Prep Type: Total/NA
Prep Batch: 199382

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	<0.0775	U	2.83	2.044		ug/L		72	44 - 142	6	30
1,2-Dichlorobenzene	<0.0952	U	2.83	2.187		ug/L		77	51 - 130	2	30
1,3-Dichlorobenzene	<0.103	U	2.83	1.887		ug/L		67	47 - 130	5	30
1,4-Dichlorobenzene	<0.0788	U	2.83	1.973		ug/L		70	46 - 130	5	30
2,2'-oxybis[1-chloropropane]	<1.45	U	2.83	3.784	I	ug/L		134	36 - 166	4	30
2,4,5-Trichlorophenol	<0.145	U F1	2.83	4.484	F1	ug/L		159	35 - 130	1	30
2,4,6-Trichlorophenol	<0.233	U F1	2.83	4.370	F1	ug/L		154	37 - 144	3	30
2,4-Dichlorophenol	<0.142	U F1	2.83	4.223	F1	ug/L		149	39 - 135	1	30
2,4-Dimethylphenol	<0.194	U *+ F1	2.83	5.531	F1	ug/L		196	32 - 120	2	30
1,4-Dioxane	<0.0900	U	2.83	1.447		ug/L		51	28 - 130	7	30
2,4-Dinitrophenol	<0.105	U	2.83	2.381	J I	ug/L		84	26 - 191	24	30
2,4-Dinitrotoluene	<0.207	U F1	2.83	4.059	F1	ug/L		143	39 - 139	4	30
2,6-Dinitrotoluene	<0.118	U F1	2.83	4.566	F1	ug/L		161	50 - 158	3	30
2-Chloronaphthalene	<0.383	U F1	2.83	3.143		ug/L		111	60 - 120	15	30
2-Methylnaphthalene	<0.0609	U	2.83	2.975		ug/L		105	25 - 175	3	30
2-Methylphenol	<0.106	U	2.83	3.523		ug/L		125	14 - 176	6	30
2-Nitroaniline	<0.151	U F1	2.83	4.343	F1	ug/L		154	59 - 130	3	30
2-Nitrophenol	<0.138	U	2.83	4.983		ug/L		176	29 - 182	1	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-86677-3 MSD
Client Sample ID: MW-33-S
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 204030
Prep Batch: 199382

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
3 & 4 Methylphenol	<0.140	U	2.83	3.075		ug/L		109	22 - 130	4	30
3-Nitroaniline	<0.0862	U	2.83	2.412		ug/L		85	30 - 130	1	30
4,6-Dinitro-2-methylphenol	<0.204	U	2.83	4.082		ug/L		144	25 - 181	4	30
4-Bromophenyl phenyl ether	<0.101	U F1	2.83	3.529		ug/L		125	53 - 127	5	30
4-Chloro-3-methylphenol	<0.105	U F1	2.83	4.389	F1	ug/L		155	22 - 147	2	30
4-Chloroaniline	<0.0390	U	2.83	2.269		ug/L		80	30 - 130	4	30
4-Chlorophenyl phenyl ether	<0.132	U	2.83	3.481		ug/L		123	25 - 158	5	30
4-Nitroaniline	<0.110	U	2.83	2.903		ug/L		103	53 - 130	6	30
Acenaphthene	0.138	J	2.83	3.936		ug/L		134	47 - 145	6	30
Acenaphthylene	<0.101	U F1	2.83	4.725	F1	ug/L		167	33 - 145	1	30
Aniline	<0.0586	U	2.83	2.118		ug/L		75	20 - 130	6	30
Anthracene	<0.0949	U F1	2.83	4.288	F1	ug/L		152	27 - 133	5	30
Benzo[a]anthracene	<0.0289	U F1	2.83	5.168	F1	ug/L		183	33 - 143	6	30
Benzo[a]pyrene	<0.0303	U F1	2.83	5.147	F1	ug/L		182	17 - 163	7	30
Benzo[b]fluoranthene	<0.0672	U F1	2.83	4.559	F1	ug/L		161	24 - 159	11	30
Benzo[g,h,i]perylene	<0.0349	U	2.83	4.747		ug/L		168	25 - 219	7	30
Benzo[k]fluoranthene	<0.0478	U F1	2.83	4.989	F1	ug/L		176	11 - 162	6	30
Benzyl alcohol	<0.607	U *-	2.83	2.940		ug/L		104	57 - 130	0	30
Bis(2-chloroethoxy)methane	<0.0986	U	2.83	4.913		ug/L		174	33 - 184	1	30
Bis(2-chloroethyl)ether	<0.217	U F1	2.83	4.725	F1	ug/L		167	12 - 158	4	30
Bis(2-ethylhexyl) phthalate	<0.910	U F1	2.83	5.579	F1	ug/L		197	8 - 158	7	30
Butyl benzyl phthalate	<0.506	U F1	2.83	4.847	F1	ug/L		171	70 - 152	10	30
Chrysene	<0.0825	U F1	2.83	4.853	F1	ug/L		172	17 - 168	2	30
Dibenz(a,h)anthracene	<0.0515	U	2.83	5.181		ug/L		183	32 - 227	9	30
Dibenzofuran	<0.108	U F1	2.83	3.639		ug/L		129	48 - 130	8	30
Diethyl phthalate	<0.156	U F1	2.83	4.383	F1	ug/L		155	25 - 120	4	30
Dimethyl phthalate	<0.109	U F1	2.83	4.760	F1	ug/L		168	25 - 120	0	30
Di-n-butyl phthalate	<0.774	U F1	2.83	4.209	F1	ug/L		149	1 - 120	5	30
Di-n-octyl phthalate	<0.272	U F1	2.83	6.198	F1	ug/L		219	4 - 146	6	30
Fluoranthene	<0.0893	U F1	2.83	4.771	F1	ug/L		169	26 - 137	4	30
Fluorene	<0.0959	U F1	2.83	3.936	F1	ug/L		139	59 - 121	5	30
Hexachlorobenzene	<0.0986	U	2.83	3.812		ug/L		135	8 - 152	11	30
Hexachlorobutadiene	<0.104	U	2.83	1.072		ug/L		38	24 - 120	30	30
Hexachlorocyclopentadiene	<0.0518	U	2.83	2.428		ug/L		86	30 - 130	2	30
Hexachloroethane	<0.103	U	2.83	1.418		ug/L		50	40 - 120	17	30
Indeno[1,2,3-cd]pyrene	<0.101	U F1	2.83	4.969	F1	ug/L		176	29 - 171	6	30
Naphthalene	<0.0955	U	2.83	3.522		ug/L		125	21 - 133	1	30
Nitrobenzene	<0.0745	U	2.83	4.599		ug/L		163	35 - 180	5	30
N-Nitrosodi-n-propylamine	<0.120	U	2.83	4.467		ug/L		158	14 - 230	4	30
N-Nitrosodiphenylamine	<0.146	U F1	2.83	4.321	F1	ug/L		153	60 - 130	4	30
Pentachlorophenol	<1.05	U	2.83	3.858		ug/L		136	14 - 176	0	30
Phenanthrene	<0.136	U F1	2.83	4.417	F1	ug/L		156	54 - 120	6	30
Phenol	1.21	J I	2.83	3.403		ug/L		78	5 - 120	6	30
Pyrene	<0.0859	U F1	2.83	4.682	F1	ug/L		165	52 - 120	5	30
Pyridine	<1.45	U F1	2.83	<1.42	U F1	ug/L		0	5 - 120	NC	30
N-Nitro-o-toluidine	<0.526	U	2.83	3.239		ug/L		114	47 - 130	1	30
2,3,4,6-Tetrachlorophenol	<0.213	U F1	2.83	4.254	F1	ug/L		150	33 - 132	9	30
Acetophenone	<0.631	U F1	2.83	4.614	F1	ug/L		163	58 - 130	4	30
N-Nitrosopiperidine	<0.473	U F1	2.83	4.382	F1	ug/L		155	54 - 130	1	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-86677-3 MSD
Matrix: Water
Analysis Batch: 204030

Client Sample ID: MW-33-S
Prep Type: Total/NA
Prep Batch: 199382

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pentachlorobenzene	<0.269	U	2.83	2.491		ug/L		88	47 - 130	7	30
1,1'-Biphenyl	0.114	J	2.83	3.647		ug/L		125	52 - 130	2	30
4-Aminobiphenyl	<0.399	U *+	2.83	2.089		ug/L		74	35 - 130	15	30
1,2,4,5-Tetrachlorobenzene	<0.0968	U *-	2.83	2.251		ug/L		80	52 - 130	2	30
1,3,5-Trinitrobenzene	<0.120	U F1	2.83	3.732	F1	ug/L		132	42 - 130	2	30
1,3-Dinitrobenzene	<0.0782	U F1	2.83	4.770	F1	ug/L		169	54 - 130	6	30
1,4-Naphthoquinone	<0.318	U	2.83	2.486		ug/L		88	34 - 130	8	30
1-Naphthylamine	<0.150	U F1	2.83	0.4514	J F1	ug/L		16	40 - 130	27	30
2,6-Dichlorophenol	<0.120	U F1	2.83	4.470	F1	ug/L		158	40 - 130	2	30
2-Acetylaminofluorene	<1.28	U *+ F1	2.83	6.749	F1	ug/L		239	50 - 150	17	30
2-Chlorophenol	<0.0765	U F1	2.83	4.127	F1	ug/L		146	23 - 134	2	30
2-Naphthylamine	<0.291	U	2.83	1.022		ug/L		36	30 - 130	8	30
2-Picoline	<0.124	U F2 F1	2.83	0.6959	F2	ug/L		25	22 - 130	49	30
2-Toluidine	<0.310	U	2.83	2.052		ug/L		73	30 - 130	2	30
3,3'-Dichlorobenzidine	<0.185	U	2.83	3.035		ug/L		107	25 - 200	15	30
3,3'-Dimethylbenzidine	<0.143	U F2 F1 * +	2.83	0.5976	F2 F1	ug/L		21	30 - 130	40	30
3-Methylcholanthrene	<0.106	U F1	2.83	4.421	F1	ug/L		156	53 - 130	8	30
4-Nitroquinoline-1-oxide	<0.739	U	2.83	1.883		ug/L		67	39 - 130	16	30
7,12-Dimethylbenz(a)anthracene	<0.244	U F1	2.83	0.8332	F1	ug/L		29	63 - 130	10	30
alpha,alpha-Dimethyl phenethylamine	<3.71	U *- *1	2.83	<3.63	U	ug/L		NC	20 - 130	NC	30
Ethyl methanesulfonate	<0.229	U	2.83	3.340		ug/L		118	54 - 130	3	30
Hexachloropropene	<0.303	U *-	2.83	1.298		ug/L		46	37 - 130	19	30
Methyl methanesulfonate	<0.121	U	2.83	1.730		ug/L		61	30 - 130	6	30
N-Nitrosodiethylamine	<0.545	U F1	2.83	4.232	F1	ug/L		150	54 - 130	1	30
N-Nitrosodimethylamine	<0.101	U *-	2.83	1.065		ug/L		38	30 - 130	0	30
N-Nitrosodi-n-butylamine	<0.522	U *+ F1	2.83	5.080	F1	ug/L		180	58 - 130	5	30
N-Nitrosomethylethylamine	<0.297	U	2.83	3.373		ug/L		119	45 - 130	3	30
N-Nitrosomorpholine	<0.223	U	2.83	1.626		ug/L		57	37 - 130	5	30
N-Nitrosopyrrolidine	<0.271	U *-	2.83	1.949		ug/L		69	47 - 130	8	30
p-Dimethylamino azobenzene	<0.0241	U *+ F1	2.83	4.115	F1	ug/L		145	61 - 130	3	30
Pentachloronitrobenzene	<0.101	U F1	2.83	4.272	F1	ug/L		151	56 - 130	3	30
Phenacetin	<0.101	U F1	2.83	4.071	F1	ug/L		144	70 - 130	9	30
p-Phenylene diamine	<0.506	U *- F1	2.83	<0.495	U F1	ug/L		0	3 - 120	NC	30
Pronamide	<0.101	U *+ F1	2.83	4.996	F1	ug/L		177	70 - 130	1	30
Safrole, Total	<0.0578	U F1	2.83	3.998	F1	ug/L		141	70 - 130	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*148*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*125*		*43 - 130*
2-Fluorophenol (Surr)	*96*		*19 - 120*
Nitrobenzene-d5 (Surr)	*171*	*S1+*	*37 - 133*
Phenol-d5 (Surr)	*65*		*8 - 124*
p-Terphenyl-d14	*142*	*S1+*	*47 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199383/1-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199383

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,4-Dimethylphenol	<0.192	U	0.571	0.192	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/13/24 05:02	11/18/24 14:59	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/13/24 05:02	11/18/24 14:59	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/13/24 05:02	11/18/24 14:59	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/13/24 05:02	11/18/24 14:59	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/13/24 05:02	11/18/24 14:59	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/13/24 05:02	11/18/24 14:59	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/13/24 05:02	11/18/24 14:59	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/13/24 05:02	11/18/24 14:59	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/13/24 05:02	11/18/24 14:59	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/13/24 05:02	11/18/24 14:59	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/13/24 05:02	11/18/24 14:59	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/13/24 05:02	11/18/24 14:59	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/13/24 05:02	11/18/24 14:59	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		11/13/24 05:02	11/18/24 14:59	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/13/24 05:02	11/18/24 14:59	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/13/24 05:02	11/18/24 14:59	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/13/24 05:02	11/18/24 14:59	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/13/24 05:02	11/18/24 14:59	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/13/24 05:02	11/18/24 14:59	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/13/24 05:02	11/18/24 14:59	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		11/13/24 05:02	11/18/24 14:59	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/13/24 05:02	11/18/24 14:59	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/13/24 05:02	11/18/24 14:59	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/13/24 05:02	11/18/24 14:59	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/13/24 05:02	11/18/24 14:59	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/13/24 05:02	11/18/24 14:59	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199383/1-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199383

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/13/24 05:02	11/18/24 14:59	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/13/24 05:02	11/18/24 14:59	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/13/24 05:02	11/18/24 14:59	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/13/24 05:02	11/18/24 14:59	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/13/24 05:02	11/18/24 14:59	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	11/18/24 14:59	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/13/24 05:02	11/18/24 14:59	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		11/13/24 05:02	11/18/24 14:59	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/13/24 05:02	11/18/24 14:59	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/13/24 05:02	11/18/24 14:59	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/13/24 05:02	11/18/24 14:59	1
Phenol	<0.448	U	2.86	0.448	ug/L		11/13/24 05:02	11/18/24 14:59	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/13/24 05:02	11/18/24 14:59	1
Pyridine	<1.44	U	2.86	1.44	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/13/24 05:02	11/18/24 14:59	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/13/24 05:02	11/18/24 14:59	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/13/24 05:02	11/18/24 14:59	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/13/24 05:02	11/18/24 14:59	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/13/24 05:02	11/18/24 14:59	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/13/24 05:02	11/18/24 14:59	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/13/24 05:02	11/18/24 14:59	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/13/24 05:02	11/18/24 14:59	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/13/24 05:02	11/18/24 14:59	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		11/13/24 05:02	11/18/24 14:59	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		11/13/24 05:02	11/18/24 14:59	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/13/24 05:02	11/18/24 14:59	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/13/24 05:02	11/18/24 14:59	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/13/24 05:02	11/18/24 14:59	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/13/24 05:02	11/18/24 14:59	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/13/24 05:02	11/18/24 14:59	1
Dimethoate	<0.122	U	0.571	0.122	ug/L		11/13/24 05:02	11/18/24 14:59	1
Dinoseb	<0.570	U	2.86	0.570	ug/L		11/13/24 05:02	11/18/24 14:59	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199383/1-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199383

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Disulfoton	<0.203	U	0.571	0.203	ug/L		11/13/24 05:02	11/18/24 14:59	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/13/24 05:02	11/18/24 14:59	1
Ethyl Parathion	<0.0502	U	0.229	0.0502	ug/L		11/13/24 05:02	11/18/24 14:59	1
Famphur	<0.151	U	1.14	0.151	ug/L		11/13/24 05:02	11/18/24 14:59	1
Hexachloropropene	<0.300	U	0.571	0.300	ug/L		11/13/24 05:02	11/18/24 14:59	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/13/24 05:02	11/18/24 14:59	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/13/24 05:02	11/18/24 14:59	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/13/24 05:02	11/18/24 14:59	1
Methapyrilene	<1.00	U	2.29	1.00	ug/L		11/13/24 05:02	11/18/24 14:59	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/13/24 05:02	11/18/24 14:59	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		11/13/24 05:02	11/18/24 14:59	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		11/13/24 05:02	11/18/24 14:59	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		11/13/24 05:02	11/18/24 14:59	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	11/18/24 14:59	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	11/18/24 14:59	1
Phorate	<0.221	U	0.571	0.221	ug/L		11/13/24 05:02	11/18/24 14:59	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		11/13/24 05:02	11/18/24 14:59	1
Pronamide	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	11/18/24 14:59	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/13/24 05:02	11/18/24 14:59	1
Sulfotepp	<0.147	U	0.571	0.147	ug/L		11/13/24 05:02	11/18/24 14:59	1
Thionazin	<0.208	U	1.14	0.208	ug/L		11/13/24 05:02	11/18/24 14:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*35 - 130*	*11/13/24 05:02*	*11/18/24 14:59*	*1*
2-Fluorobiphenyl	*112*		*43 - 130*	*11/13/24 05:02*	*11/18/24 14:59*	*1*
2-Fluorophenol (Surr)	*44*		*19 - 120*	*11/13/24 05:02*	*11/18/24 14:59*	*1*
Nitrobenzene-d5 (Surr)	*99*		*37 - 133*	*11/13/24 05:02*	*11/18/24 14:59*	*1*
Phenol-d5 (Surr)	*28*		*8 - 124*	*11/13/24 05:02*	*11/18/24 14:59*	*1*
p-Terphenyl-d14	*130*		*47 - 130*	*11/13/24 05:02*	*11/18/24 14:59*	*1*

Lab Sample ID: LCS 860-199383/2-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199383

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	2.86	1.303		ug/L		46	32 - 130
1,2-Dichlorobenzene	2.86	1.430		ug/L		50	32 - 130
1,3-Dichlorobenzene	2.86	1.218		ug/L		43	26 - 130
1,4-Dichlorobenzene	2.86	1.300		ug/L		46	28 - 130
2,2'-oxybis[1-chloropropane]	2.86	2.992		ug/L		105	10 - 173
2,4,5-Trichlorophenol	2.86	2.575		ug/L		90	35 - 130
2,4,6-Trichlorophenol	2.86	2.409		ug/L		84	52 - 129

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199383/2-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199383

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dichlorophenol	2.86	2.701		ug/L		95	53 - 122
2,4-Dimethylphenol	2.86	3.505	*+	ug/L		123	42 - 120
1,4-Dioxane	2.86	0.7721		ug/L		27	27 - 130
2,4-Dinitrophenol	2.86	2.145	J	ug/L		75	12 - 173
2,4-Dinitrotoluene	2.86	3.023		ug/L		106	48 - 127
2,6-Dinitrotoluene	2.86	2.630		ug/L		92	68 - 137
2-Chloronaphthalene	2.86	2.206		ug/L		77	10 - 130
2-Methylnaphthalene	2.86	2.167		ug/L		76	25 - 175
2-Methylphenol	2.86	2.228		ug/L		78	14 - 176
2-Nitroaniline	2.86	2.815		ug/L		99	59 - 130
2-Nitrophenol	2.86	2.524		ug/L		88	45 - 167
3 & 4 Methylphenol	2.86	2.187		ug/L		77	22 - 130
3-Nitroaniline	2.86	1.399		ug/L		49	30 - 130
4,6-Dinitro-2-methylphenol	2.86	1.770		ug/L		62	10 - 130
4-Bromophenyl phenyl ether	2.86	3.101		ug/L		109	65 - 120
4-Chloro-3-methylphenol	2.86	2.645		ug/L		93	41 - 128
4-Chloroaniline	2.86	1.578		ug/L		55	30 - 130
4-Chlorophenyl phenyl ether	2.86	3.245		ug/L		114	38 - 145
4-Nitroaniline	2.86	2.157		ug/L		75	42 - 125
Acenaphthene	2.86	2.994		ug/L		105	60 - 132
Acenaphthylene	2.86	2.973		ug/L		104	54 - 126
Aniline	2.86	1.238		ug/L		43	15 - 130
Anthracene	2.86	2.880		ug/L		101	43 - 135
Benzo[a]anthracene	2.86	3.279		ug/L		115	42 - 133
Benzo[a]pyrene	2.86	3.235		ug/L		113	32 - 148
Benzo[b]fluoranthene	2.86	3.355		ug/L		117	42 - 140
Benzo[g,h,i]perylene	2.86	3.360		ug/L		118	25 - 195
Benzo[k]fluoranthene	2.86	3.100		ug/L		109	25 - 146
Benzyl alcohol	2.86	1.072	J *-	ug/L		38	57 - 130
Bis(2-chloroethoxy)methane	2.86	3.240		ug/L		113	49 - 165
Bis(2-chloroethyl)ether	2.86	3.686	*+	ug/L		129	43 - 126
Bis(2-ethylhexyl) phthalate	2.86	2.857		ug/L		100	29 - 137
Butyl benzyl phthalate	2.86	2.766		ug/L		97	28 - 130
Chrysene	2.86	3.195		ug/L		112	47 - 130
Dibenz(a,h)anthracene	2.86	3.478		ug/L		122	32 - 200
Dibenzofuran	2.86	3.316		ug/L		116	48 - 130
Diethyl phthalate	2.86	3.159		ug/L		111	53 - 120
Dimethyl phthalate	2.86	3.212		ug/L		112	67 - 120
Di-n-butyl phthalate	2.86	3.046		ug/L		107	8 - 120
Di-n-octyl phthalate	2.86	2.724		ug/L		95	19 - 200
Fluoranthene	2.86	3.470		ug/L		121	43 - 130
Fluorene	2.86	2.931		ug/L		103	70 - 130
Hexachlorobenzene	2.86	3.334		ug/L		117	8 - 142
Hexachlorobutadiene	2.86	0.4722	J	ug/L		17	10 - 130
Hexachlorocyclopentadiene	2.86	0.9582		ug/L		34	10 - 130
Hexachloroethane	2.86	0.7227		ug/L		25	10 - 130
Indeno[1,2,3-cd]pyrene	2.86	3.134		ug/L		110	29 - 151
Naphthalene	2.86	2.305		ug/L		81	36 - 120
Nitrobenzene	2.86	2.762		ug/L		97	54 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199383/2-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199383

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-Nitrosodi-n-propylamine	2.86	2.701		ug/L		95	14 - 198
N-Nitrosodiphenylamine	2.86	3.516		ug/L		123	40 - 127
Pentachlorophenol	2.86	2.152		ug/L		75	38 - 152
Phenanthrene	2.86	3.227		ug/L		113	65 - 120
Phenol	2.86	0.9088	J	ug/L		32	17 - 120
Pyrene	2.86	3.560		ug/L		125	70 - 130
Pyridine	2.86	<1.44	U *-	ug/L		0	1 - 126
N-Nitro-o-toluidine	2.86	2.327		ug/L		81	47 - 130
2,3,4,6-Tetrachlorophenol	2.86	2.023		ug/L		71	33 - 132
Acetophenone	2.86	2.914		ug/L		102	58 - 130
N-Nitrosopiperidine	2.86	2.416		ug/L		85	54 - 130
Pentachlorobenzene	2.86	2.177		ug/L		76	47 - 130
Diphenyl ether	2.86	2.584		ug/L		90	61 - 130
1,1'-Biphenyl	2.86	2.495		ug/L		87	52 - 130
4-Aminobiphenyl	2.86	2.341		ug/L		82	35 - 130
1,2,4,5-Tetrachlorobenzene	2.86	1.491		ug/L		52	52 - 130
1,3,5-Trinitrobenzene	2.86	3.420		ug/L		120	42 - 130
1,3-Dinitrobenzene	2.86	2.663		ug/L		93	54 - 130
1,4-Naphthoquinone	2.86	1.689		ug/L		59	34 - 130
1-Naphthylamine	2.86	1.391		ug/L		49	40 - 130
2,6-Dichlorophenol	2.86	2.351		ug/L		82	40 - 130
2-Acetylaminofluorene	2.86	3.960		ug/L		139	50 - 150
2-Chlorophenol	2.86	2.521		ug/L		88	36 - 120
2-Naphthylamine	2.86	1.641		ug/L		57	30 - 130
2-Picoline	2.86	1.045		ug/L		37	22 - 130
2-Toluidine	2.86	1.366		ug/L		48	30 - 130
3,3'-Dichlorobenzidine	2.86	2.968		ug/L		104	20 - 150
3,3'-Dimethylbenzidine	2.86	1.335		ug/L		47	30 - 130
3-Methylcholanthrene	2.86	3.159		ug/L		111	53 - 130
4-Nitroquinoline-1-oxide	2.86	2.660		ug/L		93	39 - 130
7,12-Dimethylbenz(a)anthracene	2.86	2.781		ug/L		97	63 - 130
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U	ug/L		24	20 - 130
Ethyl methanesulfonate	2.86	2.061		ug/L		72	54 - 130
Hexachloropropene	2.86	0.6396	*-	ug/L		22	37 - 130
Methyl methanesulfonate	2.86	1.054		ug/L		37	30 - 130
N-Nitrosodiethylamine	2.86	2.687		ug/L		94	54 - 130
N-Nitrosodimethylamine	2.86	0.5783	*-	ug/L		20	28 - 126
N-Nitrosodi-n-butylamine	2.86	2.882		ug/L		101	58 - 130
N-Nitrosomethylethylamine	2.86	1.645		ug/L		58	45 - 130
N-Nitrosomorpholine	2.86	1.206		ug/L		42	37 - 130
N-Nitrosopyrrolidine	2.86	1.137	*-	ug/L		40	47 - 130
p-Dimethylamino azobenzene	2.86	2.481		ug/L		87	61 - 130
Pentachloronitrobenzene	2.86	3.299		ug/L		115	56 - 130
Phenacetin	2.86	2.705		ug/L		95	70 - 130
p-Phenylene diamine	2.86	<0.500	U *-	ug/L		0	3 - 120
Pronamide	2.86	3.487		ug/L		122	70 - 130
Safrole, Total	2.86	2.777		ug/L		97	70 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199383/2-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199383

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	100		35 - 130
2-Fluorobiphenyl	110		43 - 130
2-Fluorophenol (Surr)	47		19 - 120
Nitrobenzene-d5 (Surr)	106		37 - 133
Phenol-d5 (Surr)	31		8 - 124
p-Terphenyl-d14	122		47 - 130

Lab Sample ID: LCS 860-199383/4-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199383

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	101		35 - 130
2-Fluorobiphenyl	106		43 - 130
2-Fluorophenol (Surr)	54		19 - 120
Nitrobenzene-d5 (Surr)	98		37 - 133
Phenol-d5 (Surr)	40		8 - 124
p-Terphenyl-d14	103		47 - 130

Lab Sample ID: LCSD 860-199383/3-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199383

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			2.86	1.348		ug/L		47	32 - 130	3	30
1,2-Dichlorobenzene			2.86	1.513		ug/L		53	32 - 130	6	30
1,3-Dichlorobenzene			2.86	1.284		ug/L		45	26 - 130	5	30
1,4-Dichlorobenzene			2.86	1.400		ug/L		49	28 - 130	7	30
2,2'-oxybis[1-chloropropane]			2.86	3.156		ug/L		110	10 - 173	5	30
2,4,5-Trichlorophenol			2.86	2.843		ug/L		100	35 - 130	10	30
2,4,6-Trichlorophenol			2.86	2.503		ug/L		88	52 - 129	4	30
2,4-Dichlorophenol			2.86	2.885		ug/L		101	53 - 122	7	30
2,4-Dimethylphenol			2.86	3.859	*+	ug/L		135	42 - 120	10	30
1,4-Dioxane			2.86	0.8311		ug/L		29	27 - 130	7	30
2,4-Dinitrophenol			2.86	1.977	J	ug/L		69	12 - 173	8	30
2,4-Dinitrotoluene			2.86	2.917		ug/L		102	48 - 127	4	30
2,6-Dinitrotoluene			2.86	2.958		ug/L		104	68 - 137	12	30
2-Chloronaphthalene			2.86	2.400		ug/L		84	10 - 130	8	30
2-Methylnaphthalene			2.86	2.222		ug/L		78	25 - 175	3	30
2-Methylphenol			2.86	2.468		ug/L		86	14 - 176	10	30
2-Nitroaniline			2.86	2.834		ug/L		99	59 - 130	1	30
2-Nitrophenol			2.86	2.626		ug/L		92	45 - 167	4	30
3 & 4 Methylphenol			2.86	2.386		ug/L		83	22 - 130	9	30
3-Nitroaniline			2.86	1.596	I	ug/L		56	30 - 130	13	30
4,6-Dinitro-2-methylphenol			2.86	1.626		ug/L		57	10 - 130	8	30
4-Bromophenyl phenyl ether			2.86	3.266		ug/L		114	65 - 120	5	30
4-Chloro-3-methylphenol			2.86	2.748		ug/L		96	41 - 128	4	30
4-Chloroaniline			2.86	1.584		ug/L		55	30 - 130	0	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199383/3-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199383

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chlorophenyl phenyl ether	2.86	3.163		ug/L		111	38 - 145	3	30
4-Nitroaniline	2.86	1.945		ug/L		68	42 - 125	10	30
Acenaphthene	2.86	2.939		ug/L		103	60 - 132	2	30
Acenaphthylene	2.86	3.199		ug/L		112	54 - 126	7	30
Aniline	2.86	1.461		ug/L		51	15 - 130	17	30
Anthracene	2.86	2.988		ug/L		105	43 - 135	4	30
Benzo[a]anthracene	2.86	3.532		ug/L		124	42 - 133	7	30
Benzo[a]pyrene	2.86	3.501		ug/L		123	32 - 148	8	30
Benzo[b]fluoranthene	2.86	3.381		ug/L		118	42 - 140	1	30
Benzo[g,h,i]perylene	2.86	3.493		ug/L		122	25 - 195	4	30
Benzo[k]fluoranthene	2.86	3.453		ug/L		121	25 - 146	11	30
Benzyl alcohol	2.86	1.150	*-	ug/L		40	57 - 130	7	30
Bis(2-chloroethoxy)methane	2.86	3.491		ug/L		122	49 - 165	7	30
Bis(2-chloroethyl)ether	2.86	3.917	*+	ug/L		137	43 - 126	6	30
Bis(2-ethylhexyl) phthalate	2.86	3.036		ug/L		106	29 - 137	6	30
Butyl benzyl phthalate	2.86	2.730		ug/L		96	28 - 130	1	30
Chrysene	2.86	3.423		ug/L		120	47 - 130	7	30
Dibenz(a,h)anthracene	2.86	3.647		ug/L		128	32 - 200	5	30
Dibenzofuran	2.86	3.279		ug/L		115	48 - 130	1	30
Diethyl phthalate	2.86	3.194		ug/L		112	53 - 120	1	30
Dimethyl phthalate	2.86	3.473	*+	ug/L		122	67 - 120	8	30
Di-n-butyl phthalate	2.86	3.121		ug/L		109	8 - 120	2	30
Di-n-octyl phthalate	2.86	2.914		ug/L		102	19 - 200	7	30
Fluoranthene	2.86	3.463		ug/L		121	43 - 130	0	30
Fluorene	2.86	2.925		ug/L		102	70 - 130	0	30
Hexachlorobenzene	2.86	3.242		ug/L		113	8 - 142	3	30
Hexachlorobutadiene	2.86	0.5349	J	ug/L		19	10 - 130	12	30
Hexachlorocyclopentadiene	2.86	0.9937		ug/L		35	10 - 130	4	30
Hexachloroethane	2.86	0.7093		ug/L		25	10 - 130	2	30
Indeno[1,2,3-cd]pyrene	2.86	3.304		ug/L		116	29 - 151	5	30
Naphthalene	2.86	2.520		ug/L		88	36 - 120	9	30
Nitrobenzene	2.86	3.023		ug/L		106	54 - 130	9	30
N-Nitrosodi-n-propylamine	2.86	2.736		ug/L		96	14 - 198	1	30
N-Nitrosodiphenylamine	2.86	3.446		ug/L		121	40 - 127	2	30
Pentachlorophenol	2.86	2.040		ug/L		71	38 - 152	5	30
Phenanthrene	2.86	3.310		ug/L		116	65 - 120	3	30
Phenol	2.86	0.9588	J	ug/L		34	17 - 120	5	30
Pyrene	2.86	3.488		ug/L		122	70 - 130	2	30
Pyridine	2.86	<1.44	U *-	ug/L		0	1 - 126	NC	30
N-Nitro-o-toluidine	2.86	2.284		ug/L		80	47 - 130	2	30
2,3,4,6-Tetrachlorophenol	2.86	2.043		ug/L		72	33 - 132	1	30
Acetophenone	2.86	3.096		ug/L		108	58 - 130	6	30
N-Nitrosopiperidine	2.86	2.583		ug/L		90	54 - 130	7	30
Pentachlorobenzene	2.86	2.143		ug/L		75	47 - 130	2	30
Diphenyl ether	2.86	2.825		ug/L		99	61 - 130	9	30
1,1'-Biphenyl	2.86	2.748		ug/L		96	52 - 130	10	30
4-Aminobiphenyl	2.86	2.410		ug/L		84	35 - 130	3	30
1,2,4,5-Tetrachlorobenzene	2.86	1.555		ug/L		54	52 - 130	4	30
1,3,5-Trinitrobenzene	2.86	3.162		ug/L		111	42 - 130	8	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199383/3-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199383

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,3-Dinitrobenzene			2.86	3.122		ug/L		109	54 - 130	16	30
1,4-Naphthoquinone			2.86	1.793		ug/L		63	34 - 130	6	30
1-Naphthylamine			2.86	1.465		ug/L		51	40 - 130	5	30
2,6-Dichlorophenol			2.86	2.539		ug/L		89	40 - 130	8	30
2-Acetylaminofluorene			2.86	3.888		ug/L		136	50 - 150	2	30
2-Chlorophenol			2.86	2.724		ug/L		95	36 - 120	8	30
2-Naphthylamine			2.86	1.578		ug/L		55	30 - 130	4	30
2-Picoline			2.86	1.188		ug/L		42	22 - 130	13	30
2-Toluidine			2.86	1.372		ug/L		48	30 - 130	0	30
3,3'-Dichlorobenzidine			2.86	2.863		ug/L		100	20 - 150	4	30
3,3'-Dimethylbenzidine			2.86	1.463		ug/L		51	30 - 130	9	30
3-Methylcholanthrene			2.86	3.291		ug/L		115	53 - 130	4	30
4-Nitroquinoline-1-oxide			2.86	2.792		ug/L		98	39 - 130	5	30
7,12-Dimethylbenz(a)anthracene			2.86	2.926		ug/L		102	63 - 130	5	30
alpha,alpha-Dimethyl phenethylamine			2.86	<3.67	U	ug/L		29	20 - 130	21	30
Ethyl methanesulfonate			2.86	2.223		ug/L		78	54 - 130	8	30
Hexachloropropene			2.86	0.6629	*-	ug/L		23	37 - 130	4	30
Methyl methanesulfonate			2.86	1.128		ug/L		39	30 - 130	7	30
N-Nitrosodiethylamine			2.86	2.901		ug/L		102	54 - 130	8	30
N-Nitrosodimethylamine			2.86	0.6404	*-	ug/L		22	28 - 126	10	30
N-Nitrosodi-n-butylamine			2.86	3.149		ug/L		110	58 - 130	9	30
N-Nitrosomethylethylamine			2.86	1.796		ug/L		63	45 - 130	9	30
N-Nitrosomorpholine			2.86	1.266		ug/L		44	37 - 130	5	30
N-Nitrosopyrrolidine			2.86	1.228	*-	ug/L		43	47 - 130	8	30
p-Dimethylamino azobenzene			2.86	2.446		ug/L		86	61 - 130	1	30
Pentachloronitrobenzene			2.86	3.180		ug/L		111	56 - 130	4	30
Phenacetin			2.86	2.686		ug/L		94	70 - 130	1	30
p-Phenylene diamine			2.86	<0.500	U *-	ug/L		0	3 - 120	NC	30
Pronamide			2.86	3.494		ug/L		122	70 - 130	0	30
Safrole, Total			2.86	2.964		ug/L		104	70 - 130	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*114*		*35 - 130*
2-Fluorobiphenyl	*110*		*43 - 130*
2-Fluorophenol (Surr)	*52*		*19 - 120*
Nitrobenzene-d5 (Surr)	*111*		*37 - 133*
Phenol-d5 (Surr)	*33*		*8 - 124*
p-Terphenyl-d14	*122*		*47 - 130*

Lab Sample ID: LCSD 860-199383/5-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199383

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*116*		*35 - 130*
2-Fluorobiphenyl	*111*		*43 - 130*
2-Fluorophenol (Surr)	*51*		*19 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199383/5-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199383

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Nitrobenzene-d5 (Surr)	*107*		*37 - 133*
Phenol-d5 (Surr)	*37*		*8 - 124*
p-Terphenyl-d14	*113*		*47 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Lab Sample ID: 860-86677-3 MS
Matrix: Water
Analysis Batch: 204271

Client Sample ID: MW-33-S
Prep Type: Total/NA
Prep Batch: 199382

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diphenyl ether - DL	206		2.86	284.4	4	ug/L		2741	61 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr) - DL	*153*	*I S1+*	*35 - 130*
2-Fluorobiphenyl - DL	*125*		*43 - 130*
2-Fluorophenol (Surr) - DL	*98*		*19 - 120*
Nitrobenzene-d5 (Surr) - DL	*129*		*37 - 133*
Phenol-d5 (Surr) - DL	*75*		*8 - 124*
p-Terphenyl-d14 - DL	*143*	*S1+*	*47 - 130*

Lab Sample ID: 860-86677-3 MSD
Matrix: Water
Analysis Batch: 204271

Client Sample ID: MW-33-S
Prep Type: Total/NA
Prep Batch: 199382

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diphenyl ether - DL	206		2.83	291.6	4	ug/L		3024	61 - 130	2	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr) - DL	*121*	*I*	*35 - 130*
2-Fluorobiphenyl - DL	*128*		*43 - 130*
2-Fluorophenol (Surr) - DL	*99*		*19 - 120*
Nitrobenzene-d5 (Surr) - DL	*129*		*37 - 133*
Phenol-d5 (Surr) - DL	*93*		*8 - 124*
p-Terphenyl-d14 - DL	*141*	*S1+*	*47 - 130*

GC/MS VOA

Analysis Batch: 199415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86677-1	TB-03 (110724)	Total/NA	Water	8260D	
860-86677-2	MW-31D	Total/NA	Water	8260D	
860-86677-3	MW-33-S	Total/NA	Water	8260D	
860-86677-4	MW-30-S	Total/NA	Water	8260D	
860-86677-5	MW-33-D	Total/NA	Water	8260D	
860-86677-6	MW-30-D	Total/NA	Water	8260D	
860-86677-7	MW-29-S	Total/NA	Water	8260D	
860-86677-8	MW-26-D	Total/NA	Water	8260D	
860-86677-9	MW-29-D	Total/NA	Water	8260D	
860-86677-10	MW-28-S	Total/NA	Water	8260D	
860-86677-11	MW-28-D	Total/NA	Water	8260D	
860-86677-12	FB-02	Total/NA	Water	8260D	
MB 860-199415/17	Method Blank	Total/NA	Water	8260D	
LCS 860-199415/1011	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-199415/12	Lab Control Sample Dup	Total/NA	Water	8260D	
860-86677-3 MS	MW-33-S	Total/NA	Water	8260D	
860-86677-3 MSD	MW-33-S	Total/NA	Water	8260D	

Analysis Batch: 199661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86677-7 - DL	MW-29-S	Total/NA	Water	8260D	
860-86677-9 - DL	MW-29-D	Total/NA	Water	8260D	
860-86677-10 - DL	MW-28-S	Total/NA	Water	8260D	
860-86677-13	DUPE-02	Total/NA	Water	8260D	
860-86677-13 - DL	DUPE-02	Total/NA	Water	8260D	
MB 860-199661/9	Method Blank	Total/NA	Water	8260D	
LCS 860-199661/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-199661/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-86679-K-1 MS	Matrix Spike	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 199382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86677-2	MW-31D	Total/NA	Water	3511	
860-86677-3	MW-33-S	Total/NA	Water	3511	
860-86677-3 - DL	MW-33-S	Total/NA	Water	3511	
MB 860-199382/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-199382/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-199382/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-199382/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-199382/5-A	Lab Control Sample Dup	Total/NA	Water	3511	
860-86677-3 MS	MW-33-S	Total/NA	Water	3511	
860-86677-3 MS - DL	MW-33-S	Total/NA	Water	3511	
860-86677-3 MSD	MW-33-S	Total/NA	Water	3511	
860-86677-3 MSD - DL	MW-33-S	Total/NA	Water	3511	

Prep Batch: 199383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86677-4	MW-30-S	Total/NA	Water	3511	
860-86677-5 - RA	MW-33-D	Total/NA	Water	3511	

GC/MS Semi VOA (Continued)

Prep Batch: 199383 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86677-5	MW-33-D	Total/NA	Water	3511	
860-86677-5 - DL	MW-33-D	Total/NA	Water	3511	
860-86677-6	MW-30-D	Total/NA	Water	3511	
860-86677-6 - DL	MW-30-D	Total/NA	Water	3511	
860-86677-7	MW-29-S	Total/NA	Water	3511	
860-86677-8	MW-26-D	Total/NA	Water	3511	
860-86677-8 - DL	MW-26-D	Total/NA	Water	3511	
860-86677-8 - DL2	MW-26-D	Total/NA	Water	3511	
860-86677-8 - RA	MW-26-D	Total/NA	Water	3511	
860-86677-9	MW-29-D	Total/NA	Water	3511	
860-86677-9 - RA	MW-29-D	Total/NA	Water	3511	
860-86677-9 - DL	MW-29-D	Total/NA	Water	3511	
860-86677-10	MW-28-S	Total/NA	Water	3511	
860-86677-10 - DL	MW-28-S	Total/NA	Water	3511	
860-86677-10 - RA	MW-28-S	Total/NA	Water	3511	
860-86677-11	MW-28-D	Total/NA	Water	3511	
860-86677-11 - DL	MW-28-D	Total/NA	Water	3511	
860-86677-11 - RA	MW-28-D	Total/NA	Water	3511	
860-86677-13	DUPE-02	Total/NA	Water	3511	
860-86677-13 - DL	DUPE-02	Total/NA	Water	3511	
860-86677-13 - RA	DUPE-02	Total/NA	Water	3511	
MB 860-199383/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-199383/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-199383/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-199383/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-199383/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 200430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-199382/1-A	Method Blank	Total/NA	Water	8270E	199382
MB 860-199383/1-A	Method Blank	Total/NA	Water	8270E	199383
LCS 860-199382/2-A	Lab Control Sample	Total/NA	Water	8270E	199382
LCS 860-199382/4-A	Lab Control Sample	Total/NA	Water	8270E	199382
LCS 860-199383/2-A	Lab Control Sample	Total/NA	Water	8270E	199383
LCS 860-199383/4-A	Lab Control Sample	Total/NA	Water	8270E	199383
LCSD 860-199382/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	199382
LCSD 860-199382/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	199382
LCSD 860-199383/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	199383
LCSD 860-199383/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	199383

Analysis Batch: 203992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86677-4	MW-30-S	Total/NA	Water	8270E	199383
860-86677-5	MW-33-D	Total/NA	Water	8270E	199383
860-86677-6	MW-30-D	Total/NA	Water	8270E	199383
860-86677-7	MW-29-S	Total/NA	Water	8270E	199383
860-86677-8	MW-26-D	Total/NA	Water	8270E	199383

Analysis Batch: 204030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86677-3	MW-33-S	Total/NA	Water	8270E	199382

GC/MS Semi VOA (Continued)

Analysis Batch: 204030 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86677-3 MS	MW-33-S	Total/NA	Water	8270E	199382
860-86677-3 MSD	MW-33-S	Total/NA	Water	8270E	199382

Analysis Batch: 204036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86677-2	MW-31D	Total/NA	Water	8270E	199382
860-86677-9	MW-29-D	Total/NA	Water	8270E	199383
860-86677-10	MW-28-S	Total/NA	Water	8270E	199383
860-86677-11	MW-28-D	Total/NA	Water	8270E	199383
860-86677-13	DUPE-02	Total/NA	Water	8270E	199383

Analysis Batch: 204271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86677-3 - DL	MW-33-S	Total/NA	Water	8270E	199382
860-86677-6 - DL	MW-30-D	Total/NA	Water	8270E	199383
860-86677-8 - DL	MW-26-D	Total/NA	Water	8270E	199383
860-86677-8 - DL2	MW-26-D	Total/NA	Water	8270E	199383
860-86677-9 - DL	MW-29-D	Total/NA	Water	8270E	199383
860-86677-10 - DL	MW-28-S	Total/NA	Water	8270E	199383
860-86677-13 - DL	DUPE-02	Total/NA	Water	8270E	199383
860-86677-3 MS - DL	MW-33-S	Total/NA	Water	8270E	199382
860-86677-3 MSD - DL	MW-33-S	Total/NA	Water	8270E	199382

Analysis Batch: 204299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86677-8 - RA	MW-26-D	Total/NA	Water	8270E	199383
860-86677-9 - RA	MW-29-D	Total/NA	Water	8270E	199383
860-86677-10 - RA	MW-28-S	Total/NA	Water	8270E	199383
860-86677-11 - RA	MW-28-D	Total/NA	Water	8270E	199383
860-86677-13 - RA	DUPE-02	Total/NA	Water	8270E	199383

Analysis Batch: 204609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86677-5 - DL	MW-33-D	Total/NA	Water	8270E	199383
860-86677-10 - DL	MW-28-S	Total/NA	Water	8270E	199383
860-86677-11 - DL	MW-28-D	Total/NA	Water	8270E	199383

Analysis Batch: 205499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86677-5 - RA	MW-33-D	Total/NA	Water	8270E	199383
860-86677-11 - DL	MW-28-D	Total/NA	Water	8270E	199383

Lab Chronicle

Client: Ashland LLC
Job ID: 860-86677-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: TB-03 (110724)
Lab Sample ID: 860-86677-1
Date Collected: 11/07/24 00:00
Matrix: Water
Date Received: 11/09/24 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	199415	11/13/24 15:45	NA	EET HOU

Client Sample ID: MW-31D
Lab Sample ID: 860-86677-2
Date Collected: 11/07/24 08:25
Matrix: Water
Date Received: 11/09/24 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	199415	11/13/24 16:43	NA	EET HOU
Total/NA	Prep	3511			69.6 mL	4 mL	199382	11/13/24 04:59	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	204036	12/09/24 08:43	LPL	EET HOU

Client Sample ID: MW-33-S
Lab Sample ID: 860-86677-3
Date Collected: 11/07/24 08:35
Matrix: Water
Date Received: 11/09/24 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	199415	11/13/24 16:24	NA	EET HOU
Total/NA	Prep	3511			69.2 mL	4 mL	199382	11/13/24 04:59	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	204030	12/08/24 21:36	T1S	EET HOU
Total/NA	Prep	3511	DL		69.2 mL	4 mL	199382	11/13/24 04:59	DR	EET HOU
Total/NA	Analysis	8270E	DL	20	1 mL	1 mL	204271	12/09/24 19:12	LPL	EET HOU

Client Sample ID: MW-30-S
Lab Sample ID: 860-86677-4
Date Collected: 11/07/24 09:34
Matrix: Water
Date Received: 11/09/24 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	199415	11/13/24 17:03	NA	EET HOU
Total/NA	Prep	3511			70.7 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	203992	12/07/24 16:41	PXS	EET HOU

Client Sample ID: MW-33-D
Lab Sample ID: 860-86677-5
Date Collected: 11/07/24 10:00
Matrix: Water
Date Received: 11/09/24 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	199415	11/13/24 17:22	NA	EET HOU
Total/NA	Prep	3511			69.9 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	203992	12/07/24 17:11	PXS	EET HOU
Total/NA	Prep	3511	RA		69.9 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	RA	1	1 mL	1 mL	205499	12/15/24 21:25	LPL	EET HOU
Total/NA	Prep	3511	DL		69.9 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	DL	1000	1 mL	1 mL	204609	12/11/24 03:59	LPL	EET HOU

Lab Chronicle

Client: Ashland LLC
Job ID: 860-86677-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: MW-30-D
Lab Sample ID: 860-86677-6
Date Collected: 11/07/24 10:46
Matrix: Water
Date Received: 11/09/24 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		50	5 mL	5 mL	199415	11/13/24 19:39	NA	EET HOU
Total/NA	Prep	3511			69.9 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	203992	12/07/24 17:41	PXS	EET HOU
Total/NA	Prep	3511	DL		69.9 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	DL	20	1 mL	1 mL	204271	12/10/24 04:03	LPL	EET HOU

Client Sample ID: MW-29-S
Lab Sample ID: 860-86677-7
Date Collected: 11/07/24 11:20
Matrix: Water
Date Received: 11/09/24 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		50	5 mL	5 mL	199415	11/13/24 19:59	NA	EET HOU
Total/NA	Analysis	8260D	DL	200	5 mL	5 mL	199661	11/14/24 11:54	NA	EET HOU
Total/NA	Prep	3511			70.5 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	203992	12/07/24 18:12	PXS	EET HOU

Client Sample ID: MW-26-D
Lab Sample ID: 860-86677-8
Date Collected: 11/07/24 13:28
Matrix: Water
Date Received: 11/09/24 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1000	5 mL	5 mL	199415	11/13/24 20:18	NA	EET HOU
Total/NA	Prep	3511			70.9 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	203992	12/07/24 18:42	PXS	EET HOU
Total/NA	Prep	3511	DL		70.9 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	DL	10	1 mL	1 mL	204271	12/10/24 04:33	LPL	EET HOU
Total/NA	Prep	3511	DL2		70.9 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	DL2	200	1 mL	1 mL	204271	12/10/24 05:02	LPL	EET HOU
Total/NA	Prep	3511	RA		70.9 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	RA	1	1 mL	1 mL	204299	12/10/24 19:40	PXS	EET HOU

Client Sample ID: MW-29-D
Lab Sample ID: 860-86677-9
Date Collected: 11/07/24 13:50
Matrix: Water
Date Received: 11/09/24 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		500	5 mL	5 mL	199415	11/13/24 20:38	NA	EET HOU
Total/NA	Analysis	8260D	DL	2000	5 mL	5 mL	199661	11/14/24 12:14	NA	EET HOU
Total/NA	Prep	3511			70.3 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	204036	12/09/24 09:13	LPL	EET HOU
Total/NA	Prep	3511	DL		70.3 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	DL	100	1 mL	1 mL	204271	12/10/24 00:07	LPL	EET HOU
Total/NA	Prep	3511	RA		70.3 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	RA	1	1 mL	1 mL	204299	12/10/24 17:12	PXS	EET HOU

Client Sample ID: MW-28-S

Lab Sample ID: 860-86677-10

Date Collected: 11/07/24 14:05

Matrix: Water

Date Received: 11/09/24 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		500	5 mL	5 mL	199415	11/13/24 20:57	NA	EET HOU
Total/NA	Analysis	8260D	DL	2000	5 mL	5 mL	199661	11/14/24 12:33	NA	EET HOU
Total/NA	Prep	3511			70.8 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	204036	12/09/24 09:43	LPL	EET HOU
Total/NA	Prep	3511	DL		70.8 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	DL	100	1 mL	1 mL	204271	12/10/24 00:37	LPL	EET HOU
Total/NA	Prep	3511	RA		70.8 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	RA	1	1 mL	1 mL	204299	12/10/24 17:42	PXS	EET HOU
Total/NA	Prep	3511	DL		70.8 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	DL	1000	1 mL	1 mL	204609	12/11/24 03:00	LPL	EET HOU

Client Sample ID: MW-28-D

Lab Sample ID: 860-86677-11

Date Collected: 11/07/24 15:43

Matrix: Water

Date Received: 11/09/24 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		500	5 mL	5 mL	199415	11/13/24 21:17	NA	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	204036	12/09/24 10:13	LPL	EET HOU
Total/NA	Prep	3511	DL		70 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	DL	10	1 mL	1 mL	205499	12/15/24 21:56	LPL	EET HOU
Total/NA	Prep	3511	RA		70 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	RA	1	1 mL	1 mL	204299	12/10/24 18:11	PXS	EET HOU
Total/NA	Prep	3511	DL		70 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	DL	4000	1 mL	1 mL	204609	12/11/24 03:29	LPL	EET HOU

Client Sample ID: FB-02

Lab Sample ID: 860-86677-12

Date Collected: 11/07/24 15:43

Matrix: Water

Date Received: 11/09/24 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	199415	11/13/24 16:04	NA	EET HOU

Client Sample ID: DUPE-02

Lab Sample ID: 860-86677-13

Date Collected: 11/07/24 00:00

Matrix: Water

Date Received: 11/09/24 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		500	5 mL	5 mL	199661	11/14/24 11:35	NA	EET HOU
Total/NA	Analysis	8260D	DL	5000	5 mL	5 mL	199661	11/14/24 13:00	NA	EET HOU
Total/NA	Prep	3511			70.5 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	204036	12/09/24 10:44	LPL	EET HOU
Total/NA	Prep	3511	DL		70.5 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	DL	100	1 mL	1 mL	204271	12/10/24 01:36	LPL	EET HOU

Lab Chronicle

Client: Ashland LLC
Job ID: 860-86677-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: DUPE-02
Lab Sample ID: 860-86677-13

Date Collected: 11/07/24 00:00
Matrix: Water

Date Received: 11/09/24 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511	RA		70.5 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	RA	1	1 mL	1 mL	204299	12/10/24 18:41	PXS	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Ashland LLC
Job ID: 860-86677-1
Project/Site: Hercules Hattiesburg, MS

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-03-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	06-30-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	06-30-25
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: Ashland LLC
Job ID: 860-86677-1
Project/Site: Hercules Hattiesburg, MS

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Ashland LLC
Job ID: 860-86677-1
Project/Site: Hercules Hattiesburg, MS

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-86677-1	TB-03 (110724)	Water	11/07/24 00:00	11/09/24 08:53
860-86677-2	MW-31D	Water	11/07/24 08:25	11/09/24 08:53
860-86677-3	MW-33-S	Water	11/07/24 08:35	11/09/24 08:53
860-86677-4	MW-30-S	Water	11/07/24 09:34	11/09/24 08:53
860-86677-5	MW-33-D	Water	11/07/24 10:00	11/09/24 08:53
860-86677-6	MW-30-D	Water	11/07/24 10:46	11/09/24 08:53
860-86677-7	MW-29-S	Water	11/07/24 11:20	11/09/24 08:53
860-86677-8	MW-26-D	Water	11/07/24 13:28	11/09/24 08:53
860-86677-9	MW-29-D	Water	11/07/24 13:50	11/09/24 08:53
860-86677-10	MW-28-S	Water	11/07/24 14:05	11/09/24 08:53
860-86677-11	MW-28-D	Water	11/07/24 15:43	11/09/24 08:53
860-86677-12	FB-02	Water	11/07/24 15:43	11/09/24 08:53
860-86677-13	DUPE-02	Water	11/07/24 00:00	11/09/24 08:53

Phone (281) 240-4200

Client Information	Sampler: K Dunlavy / B Combs	Lab PM: Kudchadkar Sachin G	Carrier:	Page: Page 117 of 118
Client Contact: Mr Antonio Cardoso	Phone: 225-205-8246	E-Mail: Sachin.Kudchadkar@et.eurofinsus.com	State of Origin:	
Company: Arcadis US Inc.	PWSID:			Job #:
Address: 4300 West Cypress Street Suite 450	Due Date Requested:			
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33607	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 1095575			
Email: antonio.cardoso@arcadis.com	WO #:			
Project Name: Hercules Hattiesburg, MS	Project #: 86006085			
Site:	SSOW#:			

Analysis Requested

Temp 3.4 IR ID:HOU-368
C/F -0.1
Corrected Temp. 33

860-86577 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ (MOD) Appendix 9 SVOCs	8260D (MOD) Appendix 9 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
TB-03 (110724)	11/7/24	—	G	Water	N	N		X	2	
MW-31-D		0825		Water	N	N	X	X	2	
MW-33-S		0839		Water	N	N	X	X	2	
MW-30-S		0934		Water	N	N	X	X	2	
MW-33-D		1000		Water	N	N	X	X	2	
MW-30-D		1046		Water	N	N	X	X	2	
MW-29-S		1120		Water	N	N	X	X	2	
MW-26-D		1325		Water	N	N	X	X	2	
MW-29-D		1350		Water	N	N	X	X	2	
MW-28-S		1409		Water	N	N	X	X	2	
MW-28-D		1415		Water	N	N	X	X	2	
FB-02		1500		Water	N	N	X	X	2	

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	11-8-24 / 1100	Arcadis	[signature]		
[signature]			[signature]	11/8/24 1625	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver 05/06/2024

Login Sample Receipt Checklist

Client: Ashland LLC

Job Number: 860-86677-1

Login Number: 86677

List Source: Eurofins Houston

List Number: 1

Creator: Torrez, Lisandra

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received extra sample not on the COC
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Timothy Hassett
Ashland LLC
Ashland Hercules Research Center
500 Hercules Rd Bldg 8145
Wilmington, Delaware 19808

Generated 12/13/2024 10:03:20 AM

JOB DESCRIPTION

Hercules Hattiesburg, MS

JOB NUMBER

860-86678-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
12/13/2024 10:03:20 AM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
E	Result exceeded calibration range.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
860-86678-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/9/2024 8:53 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.0°C.

GC/MS VOA
Method 8260D: Due to the high concentration of 1,1-Dichloroethane, 1,2-Dichloropropane, cis-1,2-Dichloroethene and Vinyl chloride, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-199119 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8260D: The method blank for preparation batch contained Methylene Chloride above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-73 (860-86678-5), DUPE-04 (860-86678-6) and MW-50 (860-86678-8). Elevated reporting limits (RLs) are provided.

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-199119 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane (25.3%). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-199119/2).

Method 8260D: The continuing calibration verification (CCV) associated with batch 860-199119 recovered outside acceptance criteria, low biased, for Isobutyl alcohol (-21.7%) and Isopropyl alcohol (-23.6%). A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 860-199119 recovered outside control limits for the following analytes: 1,1,2-Trichloro-1,2,2-trifluoroethane, 2,2,4-Trimethylpentane and Hexane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The matrix spike (MS) recoveries for analytical batch 860-199255 were outside control limits. Sample matrix interference is suspected.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-50 (860-86678-8), (860-85841-A-5) and (860-85841-A-5 MS). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200430 recovered above the upper control limit for Dinoseb. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-200430/3).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200430 recovered above the upper control limit for 2,4-Dinitrophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-200430/2).

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-199383 and analytical batch 860-200430 recovered outside acceptance limits for multiple analytes. There was insufficient sample to perform a re-extraction or re-analysis; therefore, the data have been reported.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200430 recovered above the upper control limit for Methapyrilene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-200430/3).

Method 8270E_QQQ: Internal standard (ISTD) Chrysene-d12 for the following sample in analytical batch 860-200430 was outside acceptance criteria: (CCV 860-200430/3). This ISTD does not correspond to any of the requested target compounds reported from this analytical batch; therefore, the data have been reported.

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-54 (860-86678-1), MW-75 (860-86678-2), RB-04 (860-86678-3), MW-52-S (860-86678-4), MW-52-D (860-86678-7) and MW-50 (860-86678-8). These results have been reported and qualified.

Method 8270E_QQQ: Surrogate recovery for the following samples were outside of acceptance limits: MW-73 (860-86678-5) and DUPE-04 (860-86678-6). There was insufficient sample to perform a re-extraction; therefore, the data have been reported.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-204036 recovered above the upper control limit for Phorate and Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-204036/3).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-204036 recovered above the upper control limit for 2-Acetylaminofluorene, Aramite Peak 1, Aramite Peak 2, Benzo[a]anthracene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Chrysene, Diallate Peak 2, Dibenz(a,h)anthracene, Di-n-octyl phthalate, Hexachloroethane, Phenanthrene and Pronamide. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-204036/2).

Method 8270E_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: DUPE-04 (860-86678-6) and MW-50 (860-86678-8). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: MW-50 (860-86678-8). These results have been reported and qualified.

Method 8270E_QQQ: The following sample required a dilution due to the nature of the sample matrix: DUPE-04 (860-86678-6). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-204299 recovered above the upper control limit for p-Terphenyl-d14 (Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-204299/2).

Method 8270E_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-52-S (860-86678-4) and MW-73 (860-86678-5). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The following samples required a dilution due to the nature of the sample matrix: MW-52-S (860-86678-4) and MW-73 (860-86678-5). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: DUPE-04 (860-86678-6), MW-52-D (860-86678-7) and MW-50 (860-86678-8). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The following samples required a dilution due to the nature of the sample matrix: DUPE-04 (860-86678-6), MW-52-D (860-86678-7) and MW-50 (860-86678-8). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Job ID: 860-86678-1 (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Ashland LLC
Job ID: 860-86678-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: MW-54 — Lab Sample ID: 860-86678-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diphenyl ether	0.498	J	0.574	0.0914	ug/L	1		8270E	Total/NA

Client Sample ID: MW-75 — Lab Sample ID: 860-86678-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	1.25	J	5.00	0.896	ug/L	1		8260D	Total/NA
Diphenyl ether	1.50		0.567	0.0902	ug/L	1		8270E	Total/NA
1,1'-Biphenyl	0.439	J	0.567	0.0973	ug/L	1		8270E	Total/NA

Client Sample ID: RB-04 — Lab Sample ID: 860-86678-3

No Detections.

Client Sample ID: MW-52-S — Lab Sample ID: 860-86678-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	25.6		1.00	0.460	ug/L	1		8260D	Total/NA
Cumene (isopropylbenzene)	8.17		1.00	0.592	ug/L	1		8260D	Total/NA
Ethylbenzene	0.791	J	1.00	0.385	ug/L	1		8260D	Total/NA
1,4-Dioxane	1.42		0.567	0.0882	ug/L	1		8270E	Total/NA
2-Methylnaphthalene	0.197	J I	0.567	0.0597	ug/L	1		8270E	Total/NA
Acenaphthene	1.79		0.567	0.107	ug/L	1		8270E	Total/NA
Benzyl alcohol	1.60	I *-	1.13	0.595	ug/L	1		8270E	Total/NA
Dibenzofuran	0.136	J	0.567	0.106	ug/L	1		8270E	Total/NA
Fluoranthene	0.370	J	0.567	0.0876	ug/L	1		8270E	Total/NA
Fluorene	0.665		0.567	0.0940	ug/L	1		8270E	Total/NA
Naphthalene	1.18		0.567	0.0936	ug/L	1		8270E	Total/NA
Phenol	8.38	I	2.83	0.444	ug/L	1		8270E	Total/NA
Pyrene	0.184	J	0.567	0.0841	ug/L	1		8270E	Total/NA
1,1'-Biphenyl	0.239	J	0.567	0.0973	ug/L	1		8270E	Total/NA
Diphenyl ether - DL	2080		283	45.1	ug/L	500		8270E	Total/NA

Client Sample ID: MW-73 — Lab Sample ID: 860-86678-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	49900		500	230	ug/L	500		8260D	Total/NA
Toluene	879		500	238	ug/L	500		8260D	Total/NA
1,2-Dichlorobenzene	0.177	J	0.566	0.0931	ug/L	1		8270E	Total/NA
1,4-Dioxane	5.07	I	0.566	0.0881	ug/L	1		8270E	Total/NA
2-Methylphenol	11.5		0.566	0.104	ug/L	1		8270E	Total/NA
3 & 4 Methylphenol	21.5		0.566	0.138	ug/L	1		8270E	Total/NA
Acenaphthene	0.199	J	0.566	0.106	ug/L	1		8270E	Total/NA
Benzyl alcohol	13.2	I *-	1.13	0.594	ug/L	1		8270E	Total/NA
Dibenzofuran	3.84		0.566	0.105	ug/L	1		8270E	Total/NA
Fluorene	0.211	J	0.566	0.0939	ug/L	1		8270E	Total/NA
Isophorone	2.16	I	0.566	0.105	ug/L	1		8270E	Total/NA
Naphthalene	19.8		0.566	0.0935	ug/L	1		8270E	Total/NA
Acetophenone	8.65		1.13	0.618	ug/L	1		8270E	Total/NA
Phenol - DL	83.7		56.6	8.87	ug/L	20		8270E	Total/NA
Diphenyl ether - DL2	7280		566	90.1	ug/L	1000		8270E	Total/NA
1,1'-Biphenyl - DL2	2220		566	97.2	ug/L	1000		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: DUPE-04 — Lab Sample ID: 860-86678-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Methyl-2-pentanone	63.1	J	500	50.0	ug/L	10		8260D	Total/NA
Acetone	706	J	1000	30.7	ug/L	10		8260D	Total/NA
Tetrahydrofuran	1170		100	18.3	ug/L	10		8260D	Total/NA
Toluene	1030		10.0	4.75	ug/L	10		8260D	Total/NA
1,2-Dichlorobenzene	0.164	J	0.560	0.0922	ug/L	1		8270E	Total/NA
1,4-Dioxane	5.36	I	0.560	0.0873	ug/L	1		8270E	Total/NA
2-Methylphenol	12.0		0.560	0.103	ug/L	1		8270E	Total/NA
Acenaphthene	0.175	J I	0.560	0.105	ug/L	1		8270E	Total/NA
Benzyl alcohol	14.2	I *-	1.12	0.588	ug/L	1		8270E	Total/NA
Dibenzofuran	3.31		0.560	0.104	ug/L	1		8270E	Total/NA
Fluorene	0.208	J	0.560	0.0930	ug/L	1		8270E	Total/NA
Isophorone	2.07	I	0.560	0.104	ug/L	1		8270E	Total/NA
Naphthalene	18.4		0.560	0.0926	ug/L	1		8270E	Total/NA
Acetophenone	8.45		1.12	0.612	ug/L	1		8270E	Total/NA
N-Nitrosodi-n-butylamine	0.585	J I	1.12	0.505	ug/L	1		8270E	Total/NA
3 & 4 Methylphenol - DL	16.0	J	28.0	6.81	ug/L	50		8270E	Total/NA
Phenol - DL	100	J	140	22.0	ug/L	50		8270E	Total/NA
Diphenyl ether - DL2	7080		280	44.6	ug/L	500		8270E	Total/NA
1,1'-Biphenyl - DL2	2260		280	48.1	ug/L	500		8270E	Total/NA

Client Sample ID: MW-52-D — Lab Sample ID: 860-86678-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	5.57		1.00	0.460	ug/L	1		8260D	Total/NA
Cumene (isopropylbenzene)	7.54		1.00	0.592	ug/L	1		8260D	Total/NA
Ethylbenzene	0.583	J	1.00	0.385	ug/L	1		8260D	Total/NA
1,4-Dioxane	1.18		0.571	0.0890	ug/L	1		8270E	Total/NA
Acenaphthene	1.92		0.571	0.107	ug/L	1		8270E	Total/NA
Anthracene	0.0984	J	0.571	0.0938	ug/L	1		8270E	Total/NA
Benzyl alcohol	1.17	I *-	1.14	0.600	ug/L	1		8270E	Total/NA
Dibenzofuran	0.178	J	0.571	0.107	ug/L	1		8270E	Total/NA
Fluoranthene	0.532	J	0.571	0.0883	ug/L	1		8270E	Total/NA
Fluorene	0.824		0.571	0.0948	ug/L	1		8270E	Total/NA
Naphthalene	0.481	J	0.571	0.0944	ug/L	1		8270E	Total/NA
Phenol	7.92	I	2.86	0.448	ug/L	1		8270E	Total/NA
Pyrene	0.229	J	0.571	0.0849	ug/L	1		8270E	Total/NA
1,1'-Biphenyl	7.69		0.571	0.0981	ug/L	1		8270E	Total/NA
Diphenyl ether - DL	2180		286	45.5	ug/L	500		8270E	Total/NA

Client Sample ID: MW-50 — Lab Sample ID: 860-86678-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	34.3		10.0	3.72	ug/L	10		8260D	Total/NA
Acetone	163	J	1000	30.7	ug/L	10		8260D	Total/NA
Carbon tetrachloride	10.3	J	50.0	8.96	ug/L	10		8260D	Total/NA
Tetrahydrofuran	1290		100	18.3	ug/L	10		8260D	Total/NA
Toluene	118		10.0	4.75	ug/L	10		8260D	Total/NA
Benzene - DL	1290		50.0	23.0	ug/L	50		8260D	Total/NA
1,2-Dichlorobenzene	0.278	J	0.572	0.0942	ug/L	1		8270E	Total/NA
1,4-Dioxane	5.27		0.572	0.0891	ug/L	1		8270E	Total/NA
2-Methylnaphthalene	2.00		0.572	0.0603	ug/L	1		8270E	Total/NA
2-Methylphenol	0.681		0.572	0.105	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample ID: MW-50 (Continued)
Lab Sample ID: 860-86678-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
3 & 4 Methylphenol	3.86		0.572	0.139	ug/L	1		8270E	Total/NA
4-Chloroaniline	0.0399	J	0.572	0.0386	ug/L	1		8270E	Total/NA
Acenaphthylene	0.220	J	0.572	0.0998	ug/L	1		8270E	Total/NA
Benzyl alcohol	1.38	I *-	1.14	0.601	ug/L	1		8270E	Total/NA
Dibenzofuran	6.44		0.572	0.107	ug/L	1		8270E	Total/NA
Fluorene	0.258	J	0.572	0.0950	ug/L	1		8270E	Total/NA
Phenol	3.65	I	2.86	0.449	ug/L	1		8270E	Total/NA
Acetophenone	2.06		1.14	0.625	ug/L	1		8270E	Total/NA
Naphthalene - DL	22.0		5.72	0.946	ug/L	10		8270E	Total/NA
Diphenyl ether - DL	13100		572	91.1	ug/L	1000		8270E	Total/NA
1,1'-Biphenyl - DL	4070		572	98.3	ug/L	1000		8270E	Total/NA

Client Sample ID: FB-04
Lab Sample ID: 860-86678-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	15.6	J	100	3.07	ug/L	1		8260D	Total/NA

Client Sample ID: TB-04 (110824)
Lab Sample ID: 860-86678-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride - RA	2.69	J	5.00	1.73	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: MW-54
Date Collected: 11/08/24 08:20
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 12:04	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 12:04	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 12:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U *+	10.0	1.11	ug/L			11/12/24 12:04	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 12:04	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 12:04	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 12:04	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 12:04	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 12:04	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 12:04	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 12:04	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 12:04	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 12:04	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 12:04	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 12:04	1
2,2,4-Trimethylpentane	<0.500	U *+	5.00	0.500	ug/L			11/12/24 12:04	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 12:04	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 12:04	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/12/24 12:04	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 12:04	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 12:04	1
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 12:04	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 12:04	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 12:04	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 12:04	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 12:04	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/12/24 12:04	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 12:04	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 12:04	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/12/24 12:04	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 12:04	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 12:04	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 12:04	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 12:04	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 12:04	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 12:04	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 12:04	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 12:04	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 12:04	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 12:04	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/12/24 12:04	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 12:04	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 12:04	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 12:04	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 12:04	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/12/24 12:04	1
Hexane	<0.517	U *+	5.00	0.517	ug/L			11/12/24 12:04	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 12:04	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/12/24 12:04	1

Client Sample ID: MW-54
Date Collected: 11/08/24 08:20
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 12:04	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 12:04	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 12:04	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/12/24 12:04	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 12:04	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 12:04	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 12:04	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 12:04	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 12:04	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 12:04	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 12:04	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 12:04	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 12:04	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 12:04	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 12:04	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 12:04	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 12:04	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 12:04	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 12:04	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*		*11/12/24 12:04*	*1*
4-Bromofluorobenzene (Surr)	*89*		*74 - 124*		*11/12/24 12:04*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/12/24 12:04*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/12/24 12:04*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0770	U	0.574	0.0770	ug/L		11/13/24 05:02	12/09/24 04:41	1
1,2-Dichlorobenzene	<0.0945	U	0.574	0.0945	ug/L		11/13/24 05:02	12/09/24 04:41	1
1,3-Dichlorobenzene	<0.102	U	0.574	0.102	ug/L		11/13/24 05:02	12/09/24 04:41	1
1,4-Dichlorobenzene	<0.0782	U	0.574	0.0782	ug/L		11/13/24 05:02	12/09/24 04:41	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.87	1.43	ug/L		11/13/24 05:02	12/09/24 04:41	1
2,4,5-Trichlorophenol	<0.144	U	0.574	0.144	ug/L		11/13/24 05:02	12/09/24 04:41	1
2,4,6-Trichlorophenol	<0.232	U	0.574	0.232	ug/L		11/13/24 05:02	12/09/24 04:41	1
2,4-Dichlorophenol	<0.141	U	0.574	0.141	ug/L		11/13/24 05:02	12/09/24 04:41	1
2,4-Dimethylphenol	<0.193	U *+	0.574	0.193	ug/L		11/13/24 05:02	12/09/24 04:41	1
1,4-Dioxane	<0.0894	U	0.574	0.0894	ug/L		11/13/24 05:02	12/09/24 04:41	1
2,4-Dinitrophenol	<0.105	U	2.87	0.105	ug/L		11/13/24 05:02	12/09/24 04:41	1
2,4-Dinitrotoluene	<0.206	U	0.574	0.206	ug/L		11/13/24 05:02	12/09/24 04:41	1
2,6-Dinitrotoluene	<0.117	U	0.574	0.117	ug/L		11/13/24 05:02	12/09/24 04:41	1
2-Chloronaphthalene	<0.380	U	0.574	0.380	ug/L		11/13/24 05:02	12/09/24 04:41	1
2-Methylnaphthalene	<0.0605	U	0.574	0.0605	ug/L		11/13/24 05:02	12/09/24 04:41	1
2-Methylphenol	<0.105	U	0.574	0.105	ug/L		11/13/24 05:02	12/09/24 04:41	1
2-Nitroaniline	<0.150	U	0.574	0.150	ug/L		11/13/24 05:02	12/09/24 04:41	1
2-Nitrophenol	<0.137	U	0.574	0.137	ug/L		11/13/24 05:02	12/09/24 04:41	1
3 & 4 Methylphenol	<0.139	U	0.574	0.139	ug/L		11/13/24 05:02	12/09/24 04:41	1
3-Nitroaniline	<0.0856	U	0.574	0.0856	ug/L		11/13/24 05:02	12/09/24 04:41	1
4,6-Dinitro-2-methylphenol	<0.202	U	1.15	0.202	ug/L		11/13/24 05:02	12/09/24 04:41	1

Client Sample ID: MW-54
Date Collected: 11/08/24 08:20
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	<0.101	U	0.574	0.101	ug/L		11/13/24 05:02	12/09/24 04:41	1
4-Chloro-3-methylphenol	<0.104	U	0.574	0.104	ug/L		11/13/24 05:02	12/09/24 04:41	1
4-Chloroaniline	<0.0387	U	0.574	0.0387	ug/L		11/13/24 05:02	12/09/24 04:41	1
4-Chlorophenyl phenyl ether	<0.131	U	0.574	0.131	ug/L		11/13/24 05:02	12/09/24 04:41	1
4-Nitroaniline	<0.109	U	0.574	0.109	ug/L		11/13/24 05:02	12/09/24 04:41	1
Acenaphthene	<0.108	U	0.574	0.108	ug/L		11/13/24 05:02	12/09/24 04:41	1
Acenaphthylene	<0.100	U	0.574	0.100	ug/L		11/13/24 05:02	12/09/24 04:41	1
Aniline	<0.0582	U	0.574	0.0582	ug/L		11/13/24 05:02	12/09/24 04:41	1
Anthracene	<0.0942	U	0.574	0.0942	ug/L		11/13/24 05:02	12/09/24 04:41	1
Benzo[a]anthracene	<0.0287	U	0.0287	0.0287	ug/L		11/13/24 05:02	12/09/24 04:41	1
Benzo[a]pyrene	<0.0301	U	0.0574	0.0301	ug/L		11/13/24 05:02	12/09/24 04:41	1
Benzo[b]fluoranthene	<0.0667	U	0.574	0.0667	ug/L		11/13/24 05:02	12/09/24 04:41	1
Benzo[g,h,i]perylene	<0.0347	U	0.574	0.0347	ug/L		11/13/24 05:02	12/09/24 04:41	1
Benzo[k]fluoranthene	<0.0475	U	0.574	0.0475	ug/L		11/13/24 05:02	12/09/24 04:41	1
Benzyl alcohol	<0.603	U *-	1.15	0.603	ug/L		11/13/24 05:02	12/09/24 04:41	1
Bis(2-chloroethoxy)methane	<0.0979	U	0.574	0.0979	ug/L		11/13/24 05:02	12/09/24 04:41	1
Bis(2-chloroethyl)ether	<0.215	U *+	0.574	0.215	ug/L		11/13/24 05:02	12/09/24 04:41	1
Bis(2-ethylhexyl) phthalate	<0.904	U	1.15	0.904	ug/L		11/13/24 05:02	12/09/24 04:41	1
Butyl benzyl phthalate	<0.502	U	1.15	0.502	ug/L		11/13/24 05:02	12/09/24 04:41	1
Chrysene	<0.0819	U	0.574	0.0819	ug/L		11/13/24 05:02	12/09/24 04:41	1
Dibenz(a,h)anthracene	<0.0511	U	0.115	0.0511	ug/L		11/13/24 05:02	12/09/24 04:41	1
Dibenzofuran	<0.107	U	0.574	0.107	ug/L		11/13/24 05:02	12/09/24 04:41	1
Diethyl phthalate	<0.155	U	1.15	0.155	ug/L		11/13/24 05:02	12/09/24 04:41	1
Dimethyl phthalate	<0.109	U *+	1.15	0.109	ug/L		11/13/24 05:02	12/09/24 04:41	1
Di-n-butyl phthalate	<0.768	U	1.15	0.768	ug/L		11/13/24 05:02	12/09/24 04:41	1
Di-n-octyl phthalate	<0.270	U	1.15	0.270	ug/L		11/13/24 05:02	12/09/24 04:41	1
Fluoranthene	<0.0887	U	0.574	0.0887	ug/L		11/13/24 05:02	12/09/24 04:41	1
Fluorene	<0.0952	U	0.574	0.0952	ug/L		11/13/24 05:02	12/09/24 04:41	1
Hexachlorobenzene	<0.0979	U	0.574	0.0979	ug/L		11/13/24 05:02	12/09/24 04:41	1
Hexachlorobutadiene	<0.103	U	0.574	0.103	ug/L		11/13/24 05:02	12/09/24 04:41	1
Hexachlorocyclopentadiene	<0.0514	U	0.574	0.0514	ug/L		11/13/24 05:02	12/09/24 04:41	1
Hexachloroethane	<0.102	U	0.574	0.102	ug/L		11/13/24 05:02	12/09/24 04:41	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.574	0.100	ug/L		11/13/24 05:02	12/09/24 04:41	1
Isophorone	<0.107	U	0.574	0.107	ug/L		11/13/24 05:02	12/09/24 04:41	1
Naphthalene	<0.0948	U	0.574	0.0948	ug/L		11/13/24 05:02	12/09/24 04:41	1
Nitrobenzene	<0.0740	U	0.574	0.0740	ug/L		11/13/24 05:02	12/09/24 04:41	1
N-Nitrosodi-n-propylamine	<0.119	U	0.574	0.119	ug/L		11/13/24 05:02	12/09/24 04:41	1
N-Nitrosodiphenylamine	<0.145	U	0.574	0.145	ug/L		11/13/24 05:02	12/09/24 04:41	1
Pentachlorophenol	<1.04	U	1.15	1.04	ug/L		11/13/24 05:02	12/09/24 04:41	1
Phenanthrene	<0.135	U	0.574	0.135	ug/L		11/13/24 05:02	12/09/24 04:41	1
Phenol	<0.450	U	2.87	0.450	ug/L		11/13/24 05:02	12/09/24 04:41	1
Pyrene	<0.0852	U	0.574	0.0852	ug/L		11/13/24 05:02	12/09/24 04:41	1
Pyridine	<1.44	U *-	2.87	1.44	ug/L		11/13/24 05:02	12/09/24 04:41	1
N-Nitro-o-toluidine	<0.522	U	1.15	0.522	ug/L		11/13/24 05:02	12/09/24 04:41	1
2,3,4,6-Tetrachlorophenol	<0.212	U	0.574	0.212	ug/L		11/13/24 05:02	12/09/24 04:41	1
Acetophenone	<0.626	U	1.15	0.626	ug/L		11/13/24 05:02	12/09/24 04:41	1
N-Nitrosopiperidine	<0.469	U	1.15	0.469	ug/L		11/13/24 05:02	12/09/24 04:41	1
Pentachlorobenzene	<0.267	U	0.574	0.267	ug/L		11/13/24 05:02	12/09/24 04:41	1
Diphenyl ether	**0.498**	**J**	0.574	0.0914	ug/L		11/13/24 05:02	12/09/24 04:41	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: MW-54
Date Collected: 11/08/24 08:20
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.0986	U	0.574	0.0986	ug/L		11/13/24 05:02	12/09/24 04:41	1
4-Aminobiphenyl	<0.396	U	0.574	0.396	ug/L		11/13/24 05:02	12/09/24 04:41	1
1,2,4,5-Tetrachlorobenzene	<0.0961	U	0.574	0.0961	ug/L		11/13/24 05:02	12/09/24 04:41	1
1,3,5-Trinitrobenzene	<0.119	U	0.574	0.119	ug/L		11/13/24 05:02	12/09/24 04:41	1
1,3-Dinitrobenzene	<0.0776	U	0.574	0.0776	ug/L		11/13/24 05:02	12/09/24 04:41	1
1,4-Naphthoquinone	<0.316	U	0.574	0.316	ug/L		11/13/24 05:02	12/09/24 04:41	1
1-Naphthylamine	<0.149	U	0.574	0.149	ug/L		11/13/24 05:02	12/09/24 04:41	1
2,6-Dichlorophenol	<0.119	U	0.574	0.119	ug/L		11/13/24 05:02	12/09/24 04:41	1
2-Acetylaminofluorene	<1.27	U	2.87	1.27	ug/L		11/13/24 05:02	12/09/24 04:41	1
2-Chlorophenol	<0.0760	U	0.574	0.0760	ug/L		11/13/24 05:02	12/09/24 04:41	1
2-Naphthylamine	<0.289	U	0.574	0.289	ug/L		11/13/24 05:02	12/09/24 04:41	1
2-Picoline	<0.123	U	0.574	0.123	ug/L		11/13/24 05:02	12/09/24 04:41	1
2-Toluidine	<0.307	U	0.574	0.307	ug/L		11/13/24 05:02	12/09/24 04:41	1
3,3'-Dichlorobenzidine	<0.184	U	0.574	0.184	ug/L		11/13/24 05:02	12/09/24 04:41	1
3,3'-Dimethylbenzidine	<0.142	U	0.574	0.142	ug/L		11/13/24 05:02	12/09/24 04:41	1
3-Methylcholanthrene	<0.105	U	0.574	0.105	ug/L		11/13/24 05:02	12/09/24 04:41	1
4-Nitroquinoline-1-oxide	<0.733	U	1.15	0.733	ug/L		11/13/24 05:02	12/09/24 04:41	1
7,12-Dimethylbenz(a)anthracene	<0.242	U	0.574	0.242	ug/L		11/13/24 05:02	12/09/24 04:41	1
alpha,alpha-Dimethyl phenethylamine	<3.69	U	5.74	3.69	ug/L		11/13/24 05:02	12/09/24 04:41	1
Aramite Peak 1	<0.0789	U	0.574	0.0789	ug/L		11/13/24 05:02	12/09/24 04:41	1
Aramite Peak 2	<0.0958	U	0.574	0.0958	ug/L		11/13/24 05:02	12/09/24 04:41	1
Aramite, Total	<0.0958	U	0.574	0.0958	ug/L		11/13/24 05:02	12/09/24 04:41	1
Diallate	<0.0838	U	0.574	0.0838	ug/L		11/13/24 05:02	12/09/24 04:41	1
Diallate Peak 1	<0.0838	U	0.574	0.0838	ug/L		11/13/24 05:02	12/09/24 04:41	1
Diallate Peak 2	<0.0387	U	0.574	0.0387	ug/L		11/13/24 05:02	12/09/24 04:41	1
Dimethoate	<0.122	U *+	0.574	0.122	ug/L		11/13/24 05:02	12/09/24 04:41	1
Dinoseb	<0.572	U *+	2.87	0.572	ug/L		11/13/24 05:02	12/09/24 04:41	1
Disulfoton	<0.204	U *+	0.574	0.204	ug/L		11/13/24 05:02	12/09/24 04:41	1
Ethyl methanesulfonate	<0.228	U	0.574	0.228	ug/L		11/13/24 05:02	12/09/24 04:41	1
Ethyl Parathion	<0.0504	U *+	0.230	0.0504	ug/L		11/13/24 05:02	12/09/24 04:41	1
Famphur	<0.151	U *+	1.15	0.151	ug/L		11/13/24 05:02	12/09/24 04:41	1
Hexachloropropene	<0.301	U *-	0.574	0.301	ug/L		11/13/24 05:02	12/09/24 04:41	1
Isosafrole	<0.242	U	0.574	0.242	ug/L		11/13/24 05:02	12/09/24 04:41	1
Isosafrole Peak 1	<0.0465	U	0.574	0.0465	ug/L		11/13/24 05:02	12/09/24 04:41	1
Isosafrole Peak 2	<0.242	U	0.574	0.242	ug/L		11/13/24 05:02	12/09/24 04:41	1
Methapyrilene	<1.00	U *+	2.30	1.00	ug/L		11/13/24 05:02	12/09/24 04:41	1
Methyl methanesulfonate	<0.120	U	0.574	0.120	ug/L		11/13/24 05:02	12/09/24 04:41	1
Methyl parathion	<0.321	U *+	0.574	0.321	ug/L		11/13/24 05:02	12/09/24 04:41	1
N-Nitrosodiethylamine	<0.541	U	1.15	0.541	ug/L		11/13/24 05:02	12/09/24 04:41	1
N-Nitrosodimethylamine	<0.100	U *-	0.574	0.100	ug/L		11/13/24 05:02	12/09/24 04:41	1
N-Nitrosodi-n-butylamine	<0.518	U	1.15	0.518	ug/L		11/13/24 05:02	12/09/24 04:41	1
N-Nitrosomethylethylamine	<0.295	U	0.574	0.295	ug/L		11/13/24 05:02	12/09/24 04:41	1
N-Nitrosomorpholine	<0.221	U	0.574	0.221	ug/L		11/13/24 05:02	12/09/24 04:41	1
N-Nitrosopyrrolidine	<0.269	U *-	0.574	0.269	ug/L		11/13/24 05:02	12/09/24 04:41	1
o,o',o''-Triethylphosphorothioate	<0.139	U *+	0.574	0.139	ug/L		11/13/24 05:02	12/09/24 04:41	1
p-Dimethylamino azobenzene	<0.0239	U	0.574	0.0239	ug/L		11/13/24 05:02	12/09/24 04:41	1
Pentachloronitrobenzene	<0.100	U	0.574	0.100	ug/L		11/13/24 05:02	12/09/24 04:41	1
Phenacetin	<0.100	U	0.574	0.100	ug/L		11/13/24 05:02	12/09/24 04:41	1
Phorate	<0.222	U *+	0.574	0.222	ug/L		11/13/24 05:02	12/09/24 04:41	1

Client Sample ID: MW-54
Lab Sample ID: 860-86678-1

Date Collected: 11/08/24 08:20
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Phenylene diamine	<0.502	U *-	1.15	0.502	ug/L		11/13/24 05:02	12/09/24 04:41	1
Pronamide	<0.100	U *+	0.574	0.100	ug/L		11/13/24 05:02	12/09/24 04:41	1
Safrole, Total	<0.0573	U	0.574	0.0573	ug/L		11/13/24 05:02	12/09/24 04:41	1
Sulfotepp	<0.147	U *+	0.574	0.147	ug/L		11/13/24 05:02	12/09/24 04:41	1
Thionazin	<0.209	U *+	1.15	0.209	ug/L		11/13/24 05:02	12/09/24 04:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*116*		*35 - 130*	*11/13/24 05:02*	*12/09/24 04:41*	*1*
2-Fluorobiphenyl	*112*		*43 - 130*	*11/13/24 05:02*	*12/09/24 04:41*	*1*
2-Fluorophenol (Surr)	*69*		*19 - 120*	*11/13/24 05:02*	*12/09/24 04:41*	*1*
Nitrobenzene-d5 (Surr)	*136*	*S1+*	*37 - 133*	*11/13/24 05:02*	*12/09/24 04:41*	*1*
Phenol-d5 (Surr)	*39*		*8 - 124*	*11/13/24 05:02*	*12/09/24 04:41*	*1*
p-Terphenyl-d14	*127*		*47 - 130*	*11/13/24 05:02*	*12/09/24 04:41*	*1*

Client Sample ID: MW-75
Lab Sample ID: 860-86678-2

Date Collected: 11/08/24 08:28
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 12:25	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 12:25	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 12:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U *+	10.0	1.11	ug/L			11/12/24 12:25	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 12:25	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 12:25	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 12:25	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 12:25	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 12:25	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 12:25	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 12:25	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 12:25	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 12:25	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 12:25	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 12:25	1
2,2,4-Trimethylpentane	<0.500	U *+	5.00	0.500	ug/L			11/12/24 12:25	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 12:25	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 12:25	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/12/24 12:25	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 12:25	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 12:25	1
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 12:25	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 12:25	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 12:25	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 12:25	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 12:25	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/12/24 12:25	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 12:25	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 12:25	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/12/24 12:25	1

Client Sample ID: MW-75
Lab Sample ID: 860-86678-2
Date Collected: 11/08/24 08:28
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 12:25	1
Carbon tetrachloride	**1.25**	**J**	5.00	0.896	ug/L			11/12/24 12:25	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 12:25	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 12:25	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 12:25	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 12:25	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 12:25	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 12:25	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 12:25	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 12:25	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/12/24 12:25	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 12:25	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 12:25	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 12:25	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 12:25	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/12/24 12:25	1
Hexane	<0.517	U *+	5.00	0.517	ug/L			11/12/24 12:25	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 12:25	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/12/24 12:25	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 12:25	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 12:25	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 12:25	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/12/24 12:25	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 12:25	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 12:25	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 12:25	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 12:25	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 12:25	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 12:25	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 12:25	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 12:25	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 12:25	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 12:25	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 12:25	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 12:25	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 12:25	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 12:25	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 12:25	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 12:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*		*11/12/24 12:25*	*1*
4-Bromofluorobenzene (Surr)	*91*		*74 - 124*		*11/12/24 12:25*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/12/24 12:25*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/12/24 12:25*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0760	U	0.567	0.0760	ug/L		11/13/24 05:02	12/09/24 05:11	1
1,2-Dichlorobenzene	<0.0933	U	0.567	0.0933	ug/L		11/13/24 05:02	12/09/24 05:11	1

Client Sample ID: MW-75
Lab Sample ID: 860-86678-2
Date Collected: 11/08/24 08:28
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<0.101	U	0.567	0.101	ug/L		11/13/24 05:02	12/09/24 05:11	1
1,4-Dichlorobenzene	<0.0772	U	0.567	0.0772	ug/L		11/13/24 05:02	12/09/24 05:11	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.83	1.42	ug/L		11/13/24 05:02	12/09/24 05:11	1
2,4,5-Trichlorophenol	<0.142	U	0.567	0.142	ug/L		11/13/24 05:02	12/09/24 05:11	1
2,4,6-Trichlorophenol	<0.229	U	0.567	0.229	ug/L		11/13/24 05:02	12/09/24 05:11	1
2,4-Dichlorophenol	<0.139	U	0.567	0.139	ug/L		11/13/24 05:02	12/09/24 05:11	1
2,4-Dimethylphenol	<0.191	U *+	0.567	0.191	ug/L		11/13/24 05:02	12/09/24 05:11	1
1,4-Dioxane	<0.0882	U	0.567	0.0882	ug/L		11/13/24 05:02	12/09/24 05:11	1
2,4-Dinitrophenol	<0.103	U	2.83	0.103	ug/L		11/13/24 05:02	12/09/24 05:11	1
2,4-Dinitrotoluene	<0.203	U	0.567	0.203	ug/L		11/13/24 05:02	12/09/24 05:11	1
2,6-Dinitrotoluene	<0.115	U	0.567	0.115	ug/L		11/13/24 05:02	12/09/24 05:11	1
2-Chloronaphthalene	<0.375	U	0.567	0.375	ug/L		11/13/24 05:02	12/09/24 05:11	1
2-Methylnaphthalene	<0.0597	U	0.567	0.0597	ug/L		11/13/24 05:02	12/09/24 05:11	1
2-Methylphenol	<0.104	U	0.567	0.104	ug/L		11/13/24 05:02	12/09/24 05:11	1
2-Nitroaniline	<0.148	U	0.567	0.148	ug/L		11/13/24 05:02	12/09/24 05:11	1
2-Nitrophenol	<0.135	U	0.567	0.135	ug/L		11/13/24 05:02	12/09/24 05:11	1
3 & 4 Methylphenol	<0.138	U	0.567	0.138	ug/L		11/13/24 05:02	12/09/24 05:11	1
3-Nitroaniline	<0.0845	U	0.567	0.0845	ug/L		11/13/24 05:02	12/09/24 05:11	1
4,6-Dinitro-2-methylphenol	<0.200	U	1.13	0.200	ug/L		11/13/24 05:02	12/09/24 05:11	1
4-Bromophenyl phenyl ether	<0.0994	U	0.567	0.0994	ug/L		11/13/24 05:02	12/09/24 05:11	1
4-Chloro-3-methylphenol	<0.103	U	0.567	0.103	ug/L		11/13/24 05:02	12/09/24 05:11	1
4-Chloroaniline	<0.0382	U	0.567	0.0382	ug/L		11/13/24 05:02	12/09/24 05:11	1
4-Chlorophenyl phenyl ether	<0.129	U	0.567	0.129	ug/L		11/13/24 05:02	12/09/24 05:11	1
4-Nitroaniline	<0.108	U	0.567	0.108	ug/L		11/13/24 05:02	12/09/24 05:11	1
Acenaphthene	<0.107	U	0.567	0.107	ug/L		11/13/24 05:02	12/09/24 05:11	1
Acenaphthylene	<0.0988	U	0.567	0.0988	ug/L		11/13/24 05:02	12/09/24 05:11	1
Aniline	<0.0575	U	0.567	0.0575	ug/L		11/13/24 05:02	12/09/24 05:11	1
Anthracene	<0.0930	U	0.567	0.0930	ug/L		11/13/24 05:02	12/09/24 05:11	1
Benzo[a]anthracene	<0.0283	U	0.0283	0.0283	ug/L		11/13/24 05:02	12/09/24 05:11	1
Benzo[a]pyrene	<0.0297	U	0.0567	0.0297	ug/L		11/13/24 05:02	12/09/24 05:11	1
Benzo[b]fluoranthene	<0.0658	U	0.567	0.0658	ug/L		11/13/24 05:02	12/09/24 05:11	1
Benzo[g,h,i]perylene	<0.0342	U	0.567	0.0342	ug/L		11/13/24 05:02	12/09/24 05:11	1
Benzo[k]fluoranthene	<0.0468	U	0.567	0.0468	ug/L		11/13/24 05:02	12/09/24 05:11	1
Benzyl alcohol	<0.595	U *-	1.13	0.595	ug/L		11/13/24 05:02	12/09/24 05:11	1
Bis(2-chloroethoxy)methane	<0.0966	U	0.567	0.0966	ug/L		11/13/24 05:02	12/09/24 05:11	1
Bis(2-chloroethyl)ether	<0.212	U *+	0.567	0.212	ug/L		11/13/24 05:02	12/09/24 05:11	1
Bis(2-ethylhexyl) phthalate	<0.892	U	1.13	0.892	ug/L		11/13/24 05:02	12/09/24 05:11	1
Butyl benzyl phthalate	<0.496	U	1.13	0.496	ug/L		11/13/24 05:02	12/09/24 05:11	1
Chrysene	<0.0808	U	0.567	0.0808	ug/L		11/13/24 05:02	12/09/24 05:11	1
Dibenz(a,h)anthracene	<0.0505	U	0.113	0.0505	ug/L		11/13/24 05:02	12/09/24 05:11	1
Dibenzofuran	<0.106	U	0.567	0.106	ug/L		11/13/24 05:02	12/09/24 05:11	1
Diethyl phthalate	<0.153	U	1.13	0.153	ug/L		11/13/24 05:02	12/09/24 05:11	1
Dimethyl phthalate	<0.107	U *+	1.13	0.107	ug/L		11/13/24 05:02	12/09/24 05:11	1
Di-n-butyl phthalate	<0.759	U	1.13	0.759	ug/L		11/13/24 05:02	12/09/24 05:11	1
Di-n-octyl phthalate	<0.267	U	1.13	0.267	ug/L		11/13/24 05:02	12/09/24 05:11	1
Fluoranthene	<0.0876	U	0.567	0.0876	ug/L		11/13/24 05:02	12/09/24 05:11	1
Fluorene	<0.0940	U	0.567	0.0940	ug/L		11/13/24 05:02	12/09/24 05:11	1
Hexachlorobenzene	<0.0967	U	0.567	0.0967	ug/L		11/13/24 05:02	12/09/24 05:11	1
Hexachlorobutadiene	<0.102	U	0.567	0.102	ug/L		11/13/24 05:02	12/09/24 05:11	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: MW-75
Date Collected: 11/08/24 08:28
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.0508	U	0.567	0.0508	ug/L		11/13/24 05:02	12/09/24 05:11	1
Hexachloroethane	<0.101	U	0.567	0.101	ug/L		11/13/24 05:02	12/09/24 05:11	1
Indeno[1,2,3-cd]pyrene	<0.0992	U	0.567	0.0992	ug/L		11/13/24 05:02	12/09/24 05:11	1
Isophorone	<0.106	U	0.567	0.106	ug/L		11/13/24 05:02	12/09/24 05:11	1
Naphthalene	<0.0936	U	0.567	0.0936	ug/L		11/13/24 05:02	12/09/24 05:11	1
Nitrobenzene	<0.0730	U	0.567	0.0730	ug/L		11/13/24 05:02	12/09/24 05:11	1
N-Nitrosodi-n-propylamine	<0.118	U	0.567	0.118	ug/L		11/13/24 05:02	12/09/24 05:11	1
N-Nitrosodiphenylamine	<0.143	U	0.567	0.143	ug/L		11/13/24 05:02	12/09/24 05:11	1
Pentachlorophenol	<1.03	U	1.13	1.03	ug/L		11/13/24 05:02	12/09/24 05:11	1
Phenanthrene	<0.133	U	0.567	0.133	ug/L		11/13/24 05:02	12/09/24 05:11	1
Phenol	<0.444	U	2.83	0.444	ug/L		11/13/24 05:02	12/09/24 05:11	1
Pyrene	<0.0841	U	0.567	0.0841	ug/L		11/13/24 05:02	12/09/24 05:11	1
Pyridine	<1.42	U *-	2.83	1.42	ug/L		11/13/24 05:02	12/09/24 05:11	1
N-Nitro-o-toluidine	<0.516	U	1.13	0.516	ug/L		11/13/24 05:02	12/09/24 05:11	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.567	0.209	ug/L		11/13/24 05:02	12/09/24 05:11	1
Acetophenone	<0.618	U	1.13	0.618	ug/L		11/13/24 05:02	12/09/24 05:11	1
N-Nitrosopiperidine	<0.463	U	1.13	0.463	ug/L		11/13/24 05:02	12/09/24 05:11	1
Pentachlorobenzene	<0.264	U	0.567	0.264	ug/L		11/13/24 05:02	12/09/24 05:11	1
Diphenyl ether	**1.50**		0.567	0.0902	ug/L		11/13/24 05:02	12/09/24 05:11	1
1,1'-Biphenyl	**0.439**	**J**	0.567	0.0973	ug/L		11/13/24 05:02	12/09/24 05:11	1
4-Aminobiphenyl	<0.391	U	0.567	0.391	ug/L		11/13/24 05:02	12/09/24 05:11	1
1,2,4,5-Tetrachlorobenzene	<0.0949	U	0.567	0.0949	ug/L		11/13/24 05:02	12/09/24 05:11	1
1,3,5-Trinitrobenzene	<0.118	U	0.567	0.118	ug/L		11/13/24 05:02	12/09/24 05:11	1
1,3-Dinitrobenzene	<0.0766	U	0.567	0.0766	ug/L		11/13/24 05:02	12/09/24 05:11	1
1,4-Naphthoquinone	<0.312	U	0.567	0.312	ug/L		11/13/24 05:02	12/09/24 05:11	1
1-Naphthylamine	<0.147	U	0.567	0.147	ug/L		11/13/24 05:02	12/09/24 05:11	1
2,6-Dichlorophenol	<0.117	U	0.567	0.117	ug/L		11/13/24 05:02	12/09/24 05:11	1
2-Acetylaminofluorene	<1.25	U	2.83	1.25	ug/L		11/13/24 05:02	12/09/24 05:11	1
2-Chlorophenol	<0.0750	U	0.567	0.0750	ug/L		11/13/24 05:02	12/09/24 05:11	1
2-Naphthylamine	<0.286	U	0.567	0.286	ug/L		11/13/24 05:02	12/09/24 05:11	1
2-Picoline	<0.122	U	0.567	0.122	ug/L		11/13/24 05:02	12/09/24 05:11	1
2-Toluidine	<0.303	U	0.567	0.303	ug/L		11/13/24 05:02	12/09/24 05:11	1
3,3'-Dichlorobenzidine	<0.182	U	0.567	0.182	ug/L		11/13/24 05:02	12/09/24 05:11	1
3,3'-Dimethylbenzidine	<0.141	U	0.567	0.141	ug/L		11/13/24 05:02	12/09/24 05:11	1
3-Methylcholanthrene	<0.103	U	0.567	0.103	ug/L		11/13/24 05:02	12/09/24 05:11	1
4-Nitroquinoline-1-oxide	<0.724	U	1.13	0.724	ug/L		11/13/24 05:02	12/09/24 05:11	1
7,12-Dimethylbenz(a)anthracene	<0.239	U	0.567	0.239	ug/L		11/13/24 05:02	12/09/24 05:11	1
alpha,alpha-Dimethyl phenethylamine	<3.64	U	5.67	3.64	ug/L		11/13/24 05:02	12/09/24 05:11	1
Aramite Peak 1	<0.0779	U	0.567	0.0779	ug/L		11/13/24 05:02	12/09/24 05:11	1
Aramite Peak 2	<0.0945	U	0.567	0.0945	ug/L		11/13/24 05:02	12/09/24 05:11	1
Aramite, Total	<0.0945	U	0.567	0.0945	ug/L		11/13/24 05:02	12/09/24 05:11	1
Diallate	<0.0828	U	0.567	0.0828	ug/L		11/13/24 05:02	12/09/24 05:11	1
Diallate Peak 1	<0.0828	U	0.567	0.0828	ug/L		11/13/24 05:02	12/09/24 05:11	1
Diallate Peak 2	<0.0382	U	0.567	0.0382	ug/L		11/13/24 05:02	12/09/24 05:11	1
Dimethoate	<0.121	U *+	0.567	0.121	ug/L		11/13/24 05:02	12/09/24 05:11	1
Dinoseb	<0.565	U *+	2.83	0.565	ug/L		11/13/24 05:02	12/09/24 05:11	1
Disulfoton	<0.201	U *+	0.567	0.201	ug/L		11/13/24 05:02	12/09/24 05:11	1
Ethyl methanesulfonate	<0.225	U	0.567	0.225	ug/L		11/13/24 05:02	12/09/24 05:11	1
Ethyl Parathion	<0.0498	U *+	0.227	0.0498	ug/L		11/13/24 05:02	12/09/24 05:11	1

Client Sample ID: MW-75
Lab Sample ID: 860-86678-2

Date Collected: 11/08/24 08:28
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Famphur	<0.149	U *+	1.13	0.149	ug/L		11/13/24 05:02	12/09/24 05:11	1
Hexachloropropene	<0.297	U *-	0.567	0.297	ug/L		11/13/24 05:02	12/09/24 05:11	1
Isosafrole	<0.239	U	0.567	0.239	ug/L		11/13/24 05:02	12/09/24 05:11	1
Isosafrole Peak 1	<0.0459	U	0.567	0.0459	ug/L		11/13/24 05:02	12/09/24 05:11	1
Isosafrole Peak 2	<0.239	U	0.567	0.239	ug/L		11/13/24 05:02	12/09/24 05:11	1
Methapyrilene	<0.991	U *+	2.27	0.991	ug/L		11/13/24 05:02	12/09/24 05:11	1
Methyl methanesulfonate	<0.119	U	0.567	0.119	ug/L		11/13/24 05:02	12/09/24 05:11	1
Methyl parathion	<0.317	U *+	0.567	0.317	ug/L		11/13/24 05:02	12/09/24 05:11	1
N-Nitrosodiethylamine	<0.534	U	1.13	0.534	ug/L		11/13/24 05:02	12/09/24 05:11	1
N-Nitrosodimethylamine	<0.0992	U *-	0.567	0.0992	ug/L		11/13/24 05:02	12/09/24 05:11	1
N-Nitrosodi-n-butylamine	<0.511	U	1.13	0.511	ug/L		11/13/24 05:02	12/09/24 05:11	1
N-Nitrosomethylethylamine	<0.291	U	0.567	0.291	ug/L		11/13/24 05:02	12/09/24 05:11	1
N-Nitrosomorpholine	<0.218	U	0.567	0.218	ug/L		11/13/24 05:02	12/09/24 05:11	1
N-Nitrosopyrrolidine	<0.265	U *-	0.567	0.265	ug/L		11/13/24 05:02	12/09/24 05:11	1
o,o',o''-Triethylphosphorothioate	<0.137	U *+	0.567	0.137	ug/L		11/13/24 05:02	12/09/24 05:11	1
p-Dimethylamino azobenzene	<0.0236	U	0.567	0.0236	ug/L		11/13/24 05:02	12/09/24 05:11	1
Pentachloronitrobenzene	<0.0992	U	0.567	0.0992	ug/L		11/13/24 05:02	12/09/24 05:11	1
Phenacetin	<0.0992	U	0.567	0.0992	ug/L		11/13/24 05:02	12/09/24 05:11	1
Phorate	<0.219	U *+	0.567	0.219	ug/L		11/13/24 05:02	12/09/24 05:11	1
p-Phenylene diamine	<0.496	U *-	1.13	0.496	ug/L		11/13/24 05:02	12/09/24 05:11	1
Pronamide	<0.0992	U *+	0.567	0.0992	ug/L		11/13/24 05:02	12/09/24 05:11	1
Safrole, Total	<0.0566	U	0.567	0.0566	ug/L		11/13/24 05:02	12/09/24 05:11	1
Sulfotepp	<0.145	U *+	0.567	0.145	ug/L		11/13/24 05:02	12/09/24 05:11	1
Thionazin	<0.206	U *+	1.13	0.206	ug/L		11/13/24 05:02	12/09/24 05:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*116*		*35 - 130*	*11/13/24 05:02*	*12/09/24 05:11*	*1*
2-Fluorobiphenyl	*115*		*43 - 130*	*11/13/24 05:02*	*12/09/24 05:11*	*1*
2-Fluorophenol (Surr)	*61*		*19 - 120*	*11/13/24 05:02*	*12/09/24 05:11*	*1*
Nitrobenzene-d5 (Surr)	*137*	*S1+*	*37 - 133*	*11/13/24 05:02*	*12/09/24 05:11*	*1*
Phenol-d5 (Surr)	*34*		*8 - 124*	*11/13/24 05:02*	*12/09/24 05:11*	*1*
p-Terphenyl-d14	*87*		*47 - 130*	*11/13/24 05:02*	*12/09/24 05:11*	*1*

Client Sample ID: RB-04
Lab Sample ID: 860-86678-3

Date Collected: 11/08/24 08:43
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 12:45	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 12:45	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 12:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U *+	10.0	1.11	ug/L			11/12/24 12:45	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 12:45	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 12:45	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 12:45	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 12:45	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 12:45	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 12:45	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 12:45	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: RB-04
Date Collected: 11/08/24 08:43
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 12:45	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 12:45	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 12:45	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 12:45	1
2,2,4-Trimethylpentane	<0.500	U *+	5.00	0.500	ug/L			11/12/24 12:45	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 12:45	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 12:45	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/12/24 12:45	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 12:45	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 12:45	1
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 12:45	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 12:45	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 12:45	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 12:45	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 12:45	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/12/24 12:45	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 12:45	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 12:45	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/12/24 12:45	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 12:45	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 12:45	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 12:45	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 12:45	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 12:45	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 12:45	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 12:45	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 12:45	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 12:45	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 12:45	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/12/24 12:45	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 12:45	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 12:45	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 12:45	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 12:45	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/12/24 12:45	1
Hexane	<0.517	U *+	5.00	0.517	ug/L			11/12/24 12:45	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 12:45	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/12/24 12:45	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 12:45	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 12:45	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 12:45	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/12/24 12:45	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 12:45	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 12:45	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 12:45	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 12:45	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 12:45	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 12:45	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 12:45	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: RB-04
Date Collected: 11/08/24 08:43
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 12:45	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 12:45	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 12:45	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 12:45	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 12:45	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 12:45	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 12:45	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 12:45	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*		*11/12/24 12:45*	*1*
4-Bromofluorobenzene (Surr)	*94*		*74 - 124*		*11/12/24 12:45*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*11/12/24 12:45*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/12/24 12:45*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0761	U	0.567	0.0761	ug/L		11/13/24 05:02	12/09/24 05:41	1
1,2-Dichlorobenzene	<0.0934	U	0.567	0.0934	ug/L		11/13/24 05:02	12/09/24 05:41	1
1,3-Dichlorobenzene	<0.101	U	0.567	0.101	ug/L		11/13/24 05:02	12/09/24 05:41	1
1,4-Dichlorobenzene	<0.0774	U	0.567	0.0774	ug/L		11/13/24 05:02	12/09/24 05:41	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.84	1.42	ug/L		11/13/24 05:02	12/09/24 05:41	1
2,4,5-Trichlorophenol	<0.142	U	0.567	0.142	ug/L		11/13/24 05:02	12/09/24 05:41	1
2,4,6-Trichlorophenol	<0.229	U	0.567	0.229	ug/L		11/13/24 05:02	12/09/24 05:41	1
2,4-Dichlorophenol	<0.139	U	0.567	0.139	ug/L		11/13/24 05:02	12/09/24 05:41	1
2,4-Dimethylphenol	<0.191	U *+	0.567	0.191	ug/L		11/13/24 05:02	12/09/24 05:41	1
1,4-Dioxane	<0.0884	U	0.567	0.0884	ug/L		11/13/24 05:02	12/09/24 05:41	1
2,4-Dinitrophenol	<0.103	U	2.84	0.103	ug/L		11/13/24 05:02	12/09/24 05:41	1
2,4-Dinitrotoluene	<0.203	U	0.567	0.203	ug/L		11/13/24 05:02	12/09/24 05:41	1
2,6-Dinitrotoluene	<0.115	U	0.567	0.115	ug/L		11/13/24 05:02	12/09/24 05:41	1
2-Chloronaphthalene	<0.376	U	0.567	0.376	ug/L		11/13/24 05:02	12/09/24 05:41	1
2-Methylnaphthalene	<0.0598	U	0.567	0.0598	ug/L		11/13/24 05:02	12/09/24 05:41	1
2-Methylphenol	<0.104	U	0.567	0.104	ug/L		11/13/24 05:02	12/09/24 05:41	1
2-Nitroaniline	<0.148	U	0.567	0.148	ug/L		11/13/24 05:02	12/09/24 05:41	1
2-Nitrophenol	<0.135	U	0.567	0.135	ug/L		11/13/24 05:02	12/09/24 05:41	1
3 & 4 Methylphenol	<0.138	U	0.567	0.138	ug/L		11/13/24 05:02	12/09/24 05:41	1
3-Nitroaniline	<0.0846	U	0.567	0.0846	ug/L		11/13/24 05:02	12/09/24 05:41	1
4,6-Dinitro-2-methylphenol	<0.200	U	1.13	0.200	ug/L		11/13/24 05:02	12/09/24 05:41	1
4-Bromophenyl phenyl ether	<0.0996	U	0.567	0.0996	ug/L		11/13/24 05:02	12/09/24 05:41	1
4-Chloro-3-methylphenol	<0.103	U	0.567	0.103	ug/L		11/13/24 05:02	12/09/24 05:41	1
4-Chloroaniline	<0.0383	U	0.567	0.0383	ug/L		11/13/24 05:02	12/09/24 05:41	1
4-Chlorophenyl phenyl ether	<0.129	U	0.567	0.129	ug/L		11/13/24 05:02	12/09/24 05:41	1
4-Nitroaniline	<0.108	U	0.567	0.108	ug/L		11/13/24 05:02	12/09/24 05:41	1
Acenaphthene	<0.107	U	0.567	0.107	ug/L		11/13/24 05:02	12/09/24 05:41	1
Acenaphthylene	<0.0989	U	0.567	0.0989	ug/L		11/13/24 05:02	12/09/24 05:41	1
Aniline	<0.0575	U	0.567	0.0575	ug/L		11/13/24 05:02	12/09/24 05:41	1
Anthracene	<0.0931	U	0.567	0.0931	ug/L		11/13/24 05:02	12/09/24 05:41	1
Benzo[a]anthracene	<0.0284	U	0.0284	0.0284	ug/L		11/13/24 05:02	12/09/24 05:41	1
Benzo[a]pyrene	<0.0298	U	0.0567	0.0298	ug/L		11/13/24 05:02	12/09/24 05:41	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: RB-04
Date Collected: 11/08/24 08:43
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<0.0659	U	0.567	0.0659	ug/L		11/13/24 05:02	12/09/24 05:41	1
Benzo[g,h,i]perylene	<0.0343	U	0.567	0.0343	ug/L		11/13/24 05:02	12/09/24 05:41	1
Benzo[k]fluoranthene	<0.0469	U	0.567	0.0469	ug/L		11/13/24 05:02	12/09/24 05:41	1
Benzyl alcohol	<0.596	U *-	1.13	0.596	ug/L		11/13/24 05:02	12/09/24 05:41	1
Bis(2-chloroethoxy)methane	<0.0967	U	0.567	0.0967	ug/L		11/13/24 05:02	12/09/24 05:41	1
Bis(2-chloroethyl)ether	<0.213	U *+	0.567	0.213	ug/L		11/13/24 05:02	12/09/24 05:41	1
Bis(2-ethylhexyl) phthalate	<0.894	U	1.13	0.894	ug/L		11/13/24 05:02	12/09/24 05:41	1
Butyl benzyl phthalate	<0.496	U	1.13	0.496	ug/L		11/13/24 05:02	12/09/24 05:41	1
Chrysene	<0.0810	U	0.567	0.0810	ug/L		11/13/24 05:02	12/09/24 05:41	1
Dibenz(a,h)anthracene	<0.0505	U	0.113	0.0505	ug/L		11/13/24 05:02	12/09/24 05:41	1
Dibenzofuran	<0.106	U	0.567	0.106	ug/L		11/13/24 05:02	12/09/24 05:41	1
Diethyl phthalate	<0.154	U	1.13	0.154	ug/L		11/13/24 05:02	12/09/24 05:41	1
Dimethyl phthalate	<0.107	U *+	1.13	0.107	ug/L		11/13/24 05:02	12/09/24 05:41	1
Di-n-butyl phthalate	<0.760	U	1.13	0.760	ug/L		11/13/24 05:02	12/09/24 05:41	1
Di-n-octyl phthalate	<0.267	U	1.13	0.267	ug/L		11/13/24 05:02	12/09/24 05:41	1
Fluoranthene	<0.0877	U	0.567	0.0877	ug/L		11/13/24 05:02	12/09/24 05:41	1
Fluorene	<0.0941	U	0.567	0.0941	ug/L		11/13/24 05:02	12/09/24 05:41	1
Hexachlorobenzene	<0.0968	U	0.567	0.0968	ug/L		11/13/24 05:02	12/09/24 05:41	1
Hexachlorobutadiene	<0.102	U	0.567	0.102	ug/L		11/13/24 05:02	12/09/24 05:41	1
Hexachlorocyclopentadiene	<0.0508	U	0.567	0.0508	ug/L		11/13/24 05:02	12/09/24 05:41	1
Hexachloroethane	<0.101	U	0.567	0.101	ug/L		11/13/24 05:02	12/09/24 05:41	1
Indeno[1,2,3-cd]pyrene	<0.0993	U	0.567	0.0993	ug/L		11/13/24 05:02	12/09/24 05:41	1
Isophorone	<0.106	U	0.567	0.106	ug/L		11/13/24 05:02	12/09/24 05:41	1
Naphthalene	<0.0938	U	0.567	0.0938	ug/L		11/13/24 05:02	12/09/24 05:41	1
Nitrobenzene	<0.0731	U	0.567	0.0731	ug/L		11/13/24 05:02	12/09/24 05:41	1
N-Nitrosodi-n-propylamine	<0.118	U	0.567	0.118	ug/L		11/13/24 05:02	12/09/24 05:41	1
N-Nitrosodiphenylamine	<0.144	U	0.567	0.144	ug/L		11/13/24 05:02	12/09/24 05:41	1
Pentachlorophenol	<1.03	U	1.13	1.03	ug/L		11/13/24 05:02	12/09/24 05:41	1
Phenanthrene	<0.133	U	0.567	0.133	ug/L		11/13/24 05:02	12/09/24 05:41	1
Phenol	<0.445	U	2.84	0.445	ug/L		11/13/24 05:02	12/09/24 05:41	1
Pyrene	<0.0843	U	0.567	0.0843	ug/L		11/13/24 05:02	12/09/24 05:41	1
Pyridine	<1.43	U *-	2.84	1.43	ug/L		11/13/24 05:02	12/09/24 05:41	1
N-Nitro-o-toluidine	<0.516	U	1.13	0.516	ug/L		11/13/24 05:02	12/09/24 05:41	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.567	0.209	ug/L		11/13/24 05:02	12/09/24 05:41	1
Acetophenone	<0.619	U	1.13	0.619	ug/L		11/13/24 05:02	12/09/24 05:41	1
N-Nitrosopiperidine	<0.464	U	1.13	0.464	ug/L		11/13/24 05:02	12/09/24 05:41	1
Pentachlorobenzene	<0.264	U	0.567	0.264	ug/L		11/13/24 05:02	12/09/24 05:41	1
Diphenyl ether	<0.0903	U	0.567	0.0903	ug/L		11/13/24 05:02	12/09/24 05:41	1
1,1'-Biphenyl	<0.0974	U	0.567	0.0974	ug/L		11/13/24 05:02	12/09/24 05:41	1
4-Aminobiphenyl	<0.391	U	0.567	0.391	ug/L		11/13/24 05:02	12/09/24 05:41	1
1,2,4,5-Tetrachlorobenzene	<0.0951	U	0.567	0.0951	ug/L		11/13/24 05:02	12/09/24 05:41	1
1,3,5-Trinitrobenzene	<0.118	U	0.567	0.118	ug/L		11/13/24 05:02	12/09/24 05:41	1
1,3-Dinitrobenzene	<0.0767	U	0.567	0.0767	ug/L		11/13/24 05:02	12/09/24 05:41	1
1,4-Naphthoquinone	<0.312	U	0.567	0.312	ug/L		11/13/24 05:02	12/09/24 05:41	1
1-Naphthylamine	<0.148	U	0.567	0.148	ug/L		11/13/24 05:02	12/09/24 05:41	1
2,6-Dichlorophenol	<0.117	U	0.567	0.117	ug/L		11/13/24 05:02	12/09/24 05:41	1
2-Acetylaminofluorene	<1.26	U	2.84	1.26	ug/L		11/13/24 05:02	12/09/24 05:41	1
2-Chlorophenol	<0.0751	U	0.567	0.0751	ug/L		11/13/24 05:02	12/09/24 05:41	1
2-Naphthylamine	<0.286	U	0.567	0.286	ug/L		11/13/24 05:02	12/09/24 05:41	1

Client Sample ID: RB-04
Lab Sample ID: 860-86678-3
Date Collected: 11/08/24 08:43
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Picoline	<0.122	U	0.567	0.122	ug/L		11/13/24 05:02	12/09/24 05:41	1
2-Toluidine	<0.304	U	0.567	0.304	ug/L		11/13/24 05:02	12/09/24 05:41	1
3,3'-Dichlorobenzidine	<0.182	U	0.567	0.182	ug/L		11/13/24 05:02	12/09/24 05:41	1
3,3'-Dimethylbenzidine	<0.141	U	0.567	0.141	ug/L		11/13/24 05:02	12/09/24 05:41	1
3-Methylcholanthrene	<0.104	U	0.567	0.104	ug/L		11/13/24 05:02	12/09/24 05:41	1
4-Nitroquinoline-1-oxide	<0.725	U	1.13	0.725	ug/L		11/13/24 05:02	12/09/24 05:41	1
7,12-Dimethylbenz(a)anthracene	<0.239	U	0.567	0.239	ug/L		11/13/24 05:02	12/09/24 05:41	1
alpha,alpha-Dimethyl phenethylamine	<3.64	U	5.67	3.64	ug/L		11/13/24 05:02	12/09/24 05:41	1
Aramite Peak 1	<0.0780	U	0.567	0.0780	ug/L		11/13/24 05:02	12/09/24 05:41	1
Aramite Peak 2	<0.0947	U	0.567	0.0947	ug/L		11/13/24 05:02	12/09/24 05:41	1
Aramite, Total	<0.0947	U	0.567	0.0947	ug/L		11/13/24 05:02	12/09/24 05:41	1
Diallate	<0.0829	U	0.567	0.0829	ug/L		11/13/24 05:02	12/09/24 05:41	1
Diallate Peak 1	<0.0829	U	0.567	0.0829	ug/L		11/13/24 05:02	12/09/24 05:41	1
Diallate Peak 2	<0.0383	U	0.567	0.0383	ug/L		11/13/24 05:02	12/09/24 05:41	1
Dimethoate	<0.121	U *+	0.567	0.121	ug/L		11/13/24 05:02	12/09/24 05:41	1
Dinoseb	<0.566	U *+	2.84	0.566	ug/L		11/13/24 05:02	12/09/24 05:41	1
Disulfoton	<0.201	U *+	0.567	0.201	ug/L		11/13/24 05:02	12/09/24 05:41	1
Ethyl methanesulfonate	<0.225	U	0.567	0.225	ug/L		11/13/24 05:02	12/09/24 05:41	1
Ethyl Parathion	<0.0498	U *+	0.227	0.0498	ug/L		11/13/24 05:02	12/09/24 05:41	1
Famphur	<0.150	U *+	1.13	0.150	ug/L		11/13/24 05:02	12/09/24 05:41	1
Hexachloropropene	<0.298	U *-	0.567	0.298	ug/L		11/13/24 05:02	12/09/24 05:41	1
Isosafrole	<0.239	U	0.567	0.239	ug/L		11/13/24 05:02	12/09/24 05:41	1
Isosafrole Peak 1	<0.0460	U	0.567	0.0460	ug/L		11/13/24 05:02	12/09/24 05:41	1
Isosafrole Peak 2	<0.239	U	0.567	0.239	ug/L		11/13/24 05:02	12/09/24 05:41	1
Methapyrilene	<0.993	U *+	2.27	0.993	ug/L		11/13/24 05:02	12/09/24 05:41	1
Methyl methanesulfonate	<0.119	U	0.567	0.119	ug/L		11/13/24 05:02	12/09/24 05:41	1
Methyl parathion	<0.317	U *+	0.567	0.317	ug/L		11/13/24 05:02	12/09/24 05:41	1
N-Nitrosodiethylamine	<0.535	U	1.13	0.535	ug/L		11/13/24 05:02	12/09/24 05:41	1
N-Nitrosodimethylamine	<0.0993	U *-	0.567	0.0993	ug/L		11/13/24 05:02	12/09/24 05:41	1
N-Nitrosodi-n-butylamine	<0.512	U	1.13	0.512	ug/L		11/13/24 05:02	12/09/24 05:41	1
N-Nitrosomethylethylamine	<0.292	U	0.567	0.292	ug/L		11/13/24 05:02	12/09/24 05:41	1
N-Nitrosomorpholine	<0.219	U	0.567	0.219	ug/L		11/13/24 05:02	12/09/24 05:41	1
N-Nitrosopyrrolidine	<0.266	U *-	0.567	0.266	ug/L		11/13/24 05:02	12/09/24 05:41	1
o,o',o''-Triethylphosphorothioate	<0.137	U *+	0.567	0.137	ug/L		11/13/24 05:02	12/09/24 05:41	1
p-Dimethylamino azobenzene	<0.0236	U	0.567	0.0236	ug/L		11/13/24 05:02	12/09/24 05:41	1
Pentachloronitrobenzene	<0.0993	U	0.567	0.0993	ug/L		11/13/24 05:02	12/09/24 05:41	1
Phenacetin	<0.0993	U	0.567	0.0993	ug/L		11/13/24 05:02	12/09/24 05:41	1
Phorate	<0.220	U *+	0.567	0.220	ug/L		11/13/24 05:02	12/09/24 05:41	1
p-Phenylene diamine	<0.496	U *-	1.13	0.496	ug/L		11/13/24 05:02	12/09/24 05:41	1
Pronamide	<0.0993	U *+	0.567	0.0993	ug/L		11/13/24 05:02	12/09/24 05:41	1
Safrole, Total	<0.0567	U	0.567	0.0567	ug/L		11/13/24 05:02	12/09/24 05:41	1
Sulfotepp	<0.146	U *+	0.567	0.146	ug/L		11/13/24 05:02	12/09/24 05:41	1
Thionazin	<0.207	U *+	1.13	0.207	ug/L		11/13/24 05:02	12/09/24 05:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*105*		*35 - 130*	*11/13/24 05:02*	*12/09/24 05:41*	*1*
2-Fluorobiphenyl	*119*		*43 - 130*	*11/13/24 05:02*	*12/09/24 05:41*	*1*
2-Fluorophenol (Surr)	*63*		*19 - 120*	*11/13/24 05:02*	*12/09/24 05:41*	*1*
Nitrobenzene-d5 (Surr)	*131*		*37 - 133*	*11/13/24 05:02*	*12/09/24 05:41*	*1*
Phenol-d5 (Surr)	*37*		*8 - 124*	*11/13/24 05:02*	*12/09/24 05:41*	*1*

Client Sample ID: RB-04
Lab Sample ID: 860-86678-3

Date Collected: 11/08/24 08:43
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14	*146*	*S1+*	*47 - 130*	*11/13/24 05:02*	*12/09/24 05:41*	*1*

Client Sample ID: MW-52-S
Lab Sample ID: 860-86678-4

Date Collected: 11/08/24 09:10
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 13:06	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 13:06	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 13:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U *+	10.0	1.11	ug/L			11/12/24 13:06	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 13:06	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 13:06	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 13:06	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 13:06	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 13:06	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 13:06	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 13:06	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 13:06	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 13:06	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 13:06	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 13:06	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 13:06	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 13:06	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/12/24 13:06	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 13:06	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 13:06	1
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 13:06	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 13:06	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 13:06	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 13:06	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 13:06	1
Benzene	**25.6**		1.00	0.460	ug/L			11/12/24 13:06	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 13:06	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 13:06	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/12/24 13:06	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 13:06	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 13:06	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 13:06	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 13:06	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 13:06	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 13:06	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 13:06	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 13:06	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 13:06	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 13:06	1
Cumene (isopropylbenzene)	**8.17**		1.00	0.592	ug/L			11/12/24 13:06	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 13:06	1

Client Sample ID: MW-52-S
Lab Sample ID: 860-86678-4
Date Collected: 11/08/24 09:10
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 13:06	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 13:06	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 13:06	1
Ethylbenzene	**0.791**	**J**	1.00	0.385	ug/L			11/12/24 13:06	1
Hexane	<0.517	U *+	5.00	0.517	ug/L			11/12/24 13:06	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 13:06	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/12/24 13:06	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 13:06	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 13:06	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 13:06	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/12/24 13:06	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 13:06	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 13:06	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 13:06	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 13:06	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 13:06	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 13:06	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 13:06	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 13:06	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 13:06	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 13:06	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 13:06	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 13:06	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 13:06	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 13:06	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 13:06	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*		*11/12/24 13:06*	*1*
4-Bromofluorobenzene (Surr)	*94*		*74 - 124*		*11/12/24 13:06*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/12/24 13:06*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/12/24 13:06*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/12/24 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*63 - 144*		*11/12/24 21:36*	*1*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*11/12/24 21:36*	*1*
Dibromofluoromethane (Surr)	*118*		*75 - 131*		*11/12/24 21:36*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*11/12/24 21:36*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0760	U	0.567	0.0760	ug/L		11/13/24 05:02	12/09/24 06:12	1
1,2-Dichlorobenzene	<0.0933	U	0.567	0.0933	ug/L		11/13/24 05:02	12/09/24 06:12	1
1,3-Dichlorobenzene	<0.101	U	0.567	0.101	ug/L		11/13/24 05:02	12/09/24 06:12	1
1,4-Dichlorobenzene	<0.0772	U	0.567	0.0772	ug/L		11/13/24 05:02	12/09/24 06:12	1

Client Sample ID: MW-52-S
Lab Sample ID: 860-86678-4
Date Collected: 11/08/24 09:10
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	<1.42	U	2.83	1.42	ug/L		11/13/24 05:02	12/09/24 06:12	1
2,4,5-Trichlorophenol	<0.142	U	0.567	0.142	ug/L		11/13/24 05:02	12/09/24 06:12	1
2,4,6-Trichlorophenol	<0.229	U	0.567	0.229	ug/L		11/13/24 05:02	12/09/24 06:12	1
2,4-Dichlorophenol	<0.139	U	0.567	0.139	ug/L		11/13/24 05:02	12/09/24 06:12	1
2,4-Dimethylphenol	<0.191	U *+	0.567	0.191	ug/L		11/13/24 05:02	12/09/24 06:12	1
1,4-Dioxane	**1.42**		0.567	0.0882	ug/L		11/13/24 05:02	12/09/24 06:12	1
2,4-Dinitrophenol	<0.103	U	2.83	0.103	ug/L		11/13/24 05:02	12/09/24 06:12	1
2,4-Dinitrotoluene	<0.203	U	0.567	0.203	ug/L		11/13/24 05:02	12/09/24 06:12	1
2,6-Dinitrotoluene	<0.115	U	0.567	0.115	ug/L		11/13/24 05:02	12/09/24 06:12	1
2-Chloronaphthalene	<0.375	U	0.567	0.375	ug/L		11/13/24 05:02	12/09/24 06:12	1
2-Methylnaphthalene	**0.197**	**J I**	0.567	0.0597	ug/L		11/13/24 05:02	12/09/24 06:12	1
2-Methylphenol	<0.104	U	0.567	0.104	ug/L		11/13/24 05:02	12/09/24 06:12	1
2-Nitroaniline	<0.148	U	0.567	0.148	ug/L		11/13/24 05:02	12/09/24 06:12	1
2-Nitrophenol	<0.135	U	0.567	0.135	ug/L		11/13/24 05:02	12/09/24 06:12	1
3 & 4 Methylphenol	<0.138	U	0.567	0.138	ug/L		11/13/24 05:02	12/09/24 06:12	1
3-Nitroaniline	<0.0845	U	0.567	0.0845	ug/L		11/13/24 05:02	12/09/24 06:12	1
4,6-Dinitro-2-methylphenol	<0.200	U	1.13	0.200	ug/L		11/13/24 05:02	12/09/24 06:12	1
4-Bromophenyl phenyl ether	<0.0994	U	0.567	0.0994	ug/L		11/13/24 05:02	12/09/24 06:12	1
4-Chloro-3-methylphenol	<0.103	U	0.567	0.103	ug/L		11/13/24 05:02	12/09/24 06:12	1
4-Chloroaniline	<0.0382	U	0.567	0.0382	ug/L		11/13/24 05:02	12/09/24 06:12	1
4-Chlorophenyl phenyl ether	<0.129	U	0.567	0.129	ug/L		11/13/24 05:02	12/09/24 06:12	1
4-Nitroaniline	<0.108	U	0.567	0.108	ug/L		11/13/24 05:02	12/09/24 06:12	1
Acenaphthene	**1.79**		0.567	0.107	ug/L		11/13/24 05:02	12/09/24 06:12	1
Acenaphthylene	<0.0988	U	0.567	0.0988	ug/L		11/13/24 05:02	12/09/24 06:12	1
Aniline	<0.0575	U	0.567	0.0575	ug/L		11/13/24 05:02	12/09/24 06:12	1
Anthracene	<0.0930	U	0.567	0.0930	ug/L		11/13/24 05:02	12/09/24 06:12	1
Benzo[a]anthracene	<0.0283	U	0.0283	0.0283	ug/L		11/13/24 05:02	12/09/24 06:12	1
Benzo[a]pyrene	<0.0297	U	0.0567	0.0297	ug/L		11/13/24 05:02	12/09/24 06:12	1
Benzo[b]fluoranthene	<0.0658	U	0.567	0.0658	ug/L		11/13/24 05:02	12/09/24 06:12	1
Benzo[g,h,i]perylene	<0.0342	U	0.567	0.0342	ug/L		11/13/24 05:02	12/09/24 06:12	1
Benzo[k]fluoranthene	<0.0468	U	0.567	0.0468	ug/L		11/13/24 05:02	12/09/24 06:12	1
Benzyl alcohol	**1.60**	**I *-**	1.13	0.595	ug/L		11/13/24 05:02	12/09/24 06:12	1
Bis(2-chloroethoxy)methane	<0.0966	U	0.567	0.0966	ug/L		11/13/24 05:02	12/09/24 06:12	1
Bis(2-chloroethyl)ether	<0.212	U *+	0.567	0.212	ug/L		11/13/24 05:02	12/09/24 06:12	1
Bis(2-ethylhexyl) phthalate	<0.892	U	1.13	0.892	ug/L		11/13/24 05:02	12/09/24 06:12	1
Butyl benzyl phthalate	<0.496	U	1.13	0.496	ug/L		11/13/24 05:02	12/09/24 06:12	1
Chrysene	<0.0808	U	0.567	0.0808	ug/L		11/13/24 05:02	12/09/24 06:12	1
Dibenz(a,h)anthracene	<0.0505	U	0.113	0.0505	ug/L		11/13/24 05:02	12/09/24 06:12	1
Dibenzofuran	**0.136**	**J**	0.567	0.106	ug/L		11/13/24 05:02	12/09/24 06:12	1
Diethyl phthalate	<0.153	U	1.13	0.153	ug/L		11/13/24 05:02	12/09/24 06:12	1
Dimethyl phthalate	<0.107	U *+	1.13	0.107	ug/L		11/13/24 05:02	12/09/24 06:12	1
Di-n-butyl phthalate	<0.759	U	1.13	0.759	ug/L		11/13/24 05:02	12/09/24 06:12	1
Di-n-octyl phthalate	<0.267	U	1.13	0.267	ug/L		11/13/24 05:02	12/09/24 06:12	1
Fluoranthene	**0.370**	**J**	0.567	0.0876	ug/L		11/13/24 05:02	12/09/24 06:12	1
Fluorene	**0.665**		0.567	0.0940	ug/L		11/13/24 05:02	12/09/24 06:12	1
Hexachlorobenzene	<0.0967	U	0.567	0.0967	ug/L		11/13/24 05:02	12/09/24 06:12	1
Hexachlorobutadiene	<0.102	U	0.567	0.102	ug/L		11/13/24 05:02	12/09/24 06:12	1
Hexachlorocyclopentadiene	<0.0508	U	0.567	0.0508	ug/L		11/13/24 05:02	12/09/24 06:12	1
Hexachloroethane	<0.101	U	0.567	0.101	ug/L		11/13/24 05:02	12/09/24 06:12	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: MW-52-S
Date Collected: 11/08/24 09:10
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.0992	U	0.567	0.0992	ug/L		11/13/24 05:02	12/09/24 06:12	1
Isophorone	<0.106	U	0.567	0.106	ug/L		11/13/24 05:02	12/09/24 06:12	1
Naphthalene	**1.18**		0.567	0.0936	ug/L		11/13/24 05:02	12/09/24 06:12	1
Nitrobenzene	<0.0730	U	0.567	0.0730	ug/L		11/13/24 05:02	12/09/24 06:12	1
N-Nitrosodi-n-propylamine	<0.118	U	0.567	0.118	ug/L		11/13/24 05:02	12/09/24 06:12	1
N-Nitrosodiphenylamine	<0.143	U	0.567	0.143	ug/L		11/13/24 05:02	12/09/24 06:12	1
Pentachlorophenol	<1.03	U	1.13	1.03	ug/L		11/13/24 05:02	12/09/24 06:12	1
Phenanthrene	<0.133	U	0.567	0.133	ug/L		11/13/24 05:02	12/09/24 06:12	1
Phenol	**8.38**	**I**	2.83	0.444	ug/L		11/13/24 05:02	12/09/24 06:12	1
Pyrene	**0.184**	**J**	0.567	0.0841	ug/L		11/13/24 05:02	12/09/24 06:12	1
Pyridine	<1.42	U *-	2.83	1.42	ug/L		11/13/24 05:02	12/09/24 06:12	1
N-Nitro-o-toluidine	<0.516	U	1.13	0.516	ug/L		11/13/24 05:02	12/09/24 06:12	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.567	0.209	ug/L		11/13/24 05:02	12/09/24 06:12	1
Acetophenone	<0.618	U	1.13	0.618	ug/L		11/13/24 05:02	12/09/24 06:12	1
N-Nitrosopiperidine	<0.463	U	1.13	0.463	ug/L		11/13/24 05:02	12/09/24 06:12	1
Pentachlorobenzene	<0.264	U	0.567	0.264	ug/L		11/13/24 05:02	12/09/24 06:12	1
1,1'-Biphenyl	**0.239**	**J**	0.567	0.0973	ug/L		11/13/24 05:02	12/09/24 06:12	1
4-Aminobiphenyl	<0.391	U	0.567	0.391	ug/L		11/13/24 05:02	12/09/24 06:12	1
1,2,4,5-Tetrachlorobenzene	<0.0949	U	0.567	0.0949	ug/L		11/13/24 05:02	12/09/24 06:12	1
1,3,5-Trinitrobenzene	<0.118	U	0.567	0.118	ug/L		11/13/24 05:02	12/09/24 06:12	1
1,3-Dinitrobenzene	<0.0766	U	0.567	0.0766	ug/L		11/13/24 05:02	12/09/24 06:12	1
1,4-Naphthoquinone	<0.312	U	0.567	0.312	ug/L		11/13/24 05:02	12/09/24 06:12	1
1-Naphthylamine	<0.147	U	0.567	0.147	ug/L		11/13/24 05:02	12/09/24 06:12	1
2,6-Dichlorophenol	<0.117	U	0.567	0.117	ug/L		11/13/24 05:02	12/09/24 06:12	1
2-Acetylaminofluorene	<1.25	U	2.83	1.25	ug/L		11/13/24 05:02	12/09/24 06:12	1
2-Chlorophenol	<0.0750	U	0.567	0.0750	ug/L		11/13/24 05:02	12/09/24 06:12	1
2-Naphthylamine	<0.286	U	0.567	0.286	ug/L		11/13/24 05:02	12/09/24 06:12	1
2-Picoline	<0.122	U	0.567	0.122	ug/L		11/13/24 05:02	12/09/24 06:12	1
2-Toluidine	<0.303	U	0.567	0.303	ug/L		11/13/24 05:02	12/09/24 06:12	1
3,3'-Dichlorobenzidine	<0.182	U	0.567	0.182	ug/L		11/13/24 05:02	12/09/24 06:12	1
3,3'-Dimethylbenzidine	<0.141	U	0.567	0.141	ug/L		11/13/24 05:02	12/09/24 06:12	1
3-Methylcholanthrene	<0.103	U	0.567	0.103	ug/L		11/13/24 05:02	12/09/24 06:12	1
4-Nitroquinoline-1-oxide	<0.724	U	1.13	0.724	ug/L		11/13/24 05:02	12/09/24 06:12	1
7,12-Dimethylbenz(a)anthracene	<0.239	U	0.567	0.239	ug/L		11/13/24 05:02	12/09/24 06:12	1
alpha,alpha-Dimethyl phenethylamine	<3.64	U	5.67	3.64	ug/L		11/13/24 05:02	12/09/24 06:12	1
Aramite Peak 1	<0.0779	U	0.567	0.0779	ug/L		11/13/24 05:02	12/09/24 06:12	1
Aramite Peak 2	<0.0945	U	0.567	0.0945	ug/L		11/13/24 05:02	12/09/24 06:12	1
Aramite, Total	<0.0945	U	0.567	0.0945	ug/L		11/13/24 05:02	12/09/24 06:12	1
Diallate	<0.0828	U	0.567	0.0828	ug/L		11/13/24 05:02	12/09/24 06:12	1
Diallate Peak 1	<0.0828	U	0.567	0.0828	ug/L		11/13/24 05:02	12/09/24 06:12	1
Diallate Peak 2	<0.0382	U	0.567	0.0382	ug/L		11/13/24 05:02	12/09/24 06:12	1
Dimethoate	<0.121	U *+	0.567	0.121	ug/L		11/13/24 05:02	12/09/24 06:12	1
Dinoseb	<0.565	U *+	2.83	0.565	ug/L		11/13/24 05:02	12/09/24 06:12	1
Disulfoton	<0.201	U *+	0.567	0.201	ug/L		11/13/24 05:02	12/09/24 06:12	1
Ethyl methanesulfonate	<0.225	U	0.567	0.225	ug/L		11/13/24 05:02	12/09/24 06:12	1
Ethyl Parathion	<0.0498	U *+	0.227	0.0498	ug/L		11/13/24 05:02	12/09/24 06:12	1
Famphur	<0.149	U *+	1.13	0.149	ug/L		11/13/24 05:02	12/09/24 06:12	1
Hexachloropropene	<0.297	U *-	0.567	0.297	ug/L		11/13/24 05:02	12/09/24 06:12	1
Isosafrole	<0.239	U	0.567	0.239	ug/L		11/13/24 05:02	12/09/24 06:12	1

Client Sample ID: MW-52-S

Date Collected: 11/08/24 09:10
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isosafrole Peak 1	<0.0459	U	0.567	0.0459	ug/L		11/13/24 05:02	12/09/24 06:12	1
Isosafrole Peak 2	<0.239	U	0.567	0.239	ug/L		11/13/24 05:02	12/09/24 06:12	1
Methapyrilene	<0.991	U *+	2.27	0.991	ug/L		11/13/24 05:02	12/09/24 06:12	1
Methyl methanesulfonate	<0.119	U	0.567	0.119	ug/L		11/13/24 05:02	12/09/24 06:12	1
Methyl parathion	<0.317	U *+	0.567	0.317	ug/L		11/13/24 05:02	12/09/24 06:12	1
N-Nitrosodiethylamine	<0.534	U	1.13	0.534	ug/L		11/13/24 05:02	12/09/24 06:12	1
N-Nitrosodimethylamine	<0.0992	U *-	0.567	0.0992	ug/L		11/13/24 05:02	12/09/24 06:12	1
N-Nitrosodi-n-butylamine	<0.511	U	1.13	0.511	ug/L		11/13/24 05:02	12/09/24 06:12	1
N-Nitrosomethylethylamine	<0.291	U	0.567	0.291	ug/L		11/13/24 05:02	12/09/24 06:12	1
N-Nitrosomorpholine	<0.218	U	0.567	0.218	ug/L		11/13/24 05:02	12/09/24 06:12	1
N-Nitrosopyrrolidine	<0.265	U *-	0.567	0.265	ug/L		11/13/24 05:02	12/09/24 06:12	1
o,o',o''-Triethylphosphorothioate	<0.137	U *+	0.567	0.137	ug/L		11/13/24 05:02	12/09/24 06:12	1
p-Dimethylamino azobenzene	<0.0236	U	0.567	0.0236	ug/L		11/13/24 05:02	12/09/24 06:12	1
Pentachloronitrobenzene	<0.0992	U	0.567	0.0992	ug/L		11/13/24 05:02	12/09/24 06:12	1
Phenacetin	<0.0992	U	0.567	0.0992	ug/L		11/13/24 05:02	12/09/24 06:12	1
Phorate	<0.219	U *+	0.567	0.219	ug/L		11/13/24 05:02	12/09/24 06:12	1
p-Phenylene diamine	<0.496	U *-	1.13	0.496	ug/L		11/13/24 05:02	12/09/24 06:12	1
Pronamide	<0.0992	U *+	0.567	0.0992	ug/L		11/13/24 05:02	12/09/24 06:12	1
Safrole, Total	<0.0566	U	0.567	0.0566	ug/L		11/13/24 05:02	12/09/24 06:12	1
Sulfotepp	<0.145	U *+	0.567	0.145	ug/L		11/13/24 05:02	12/09/24 06:12	1
Thionazin	<0.206	U *+	1.13	0.206	ug/L		11/13/24 05:02	12/09/24 06:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*128*		*35 - 130*	*11/13/24 05:02*	*12/09/24 06:12*	*1*
2-Fluorobiphenyl	*93*		*43 - 130*	*11/13/24 05:02*	*12/09/24 06:12*	*1*
2-Fluorophenol (Surr)	*80*		*19 - 120*	*11/13/24 05:02*	*12/09/24 06:12*	*1*
Nitrobenzene-d5 (Surr)	*128*		*37 - 133*	*11/13/24 05:02*	*12/09/24 06:12*	*1*
Phenol-d5 (Surr)	*52*		*8 - 124*	*11/13/24 05:02*	*12/09/24 06:12*	*1*
p-Terphenyl-d14	*134*	*S1+*	*47 - 130*	*11/13/24 05:02*	*12/09/24 06:12*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	**2080**		283	45.1	ug/L		11/13/24 05:02	12/10/24 21:09	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*S1-*	*35 - 130*	*11/13/24 05:02*	*12/10/24 21:09*	*500*
2-Fluorobiphenyl	*205*	*S1+*	*43 - 130*	*11/13/24 05:02*	*12/10/24 21:09*	*500*
2-Fluorophenol (Surr)	*111*		*19 - 120*	*11/13/24 05:02*	*12/10/24 21:09*	*500*
Nitrobenzene-d5 (Surr)	*0*	*S1-*	*37 - 133*	*11/13/24 05:02*	*12/10/24 21:09*	*500*
Phenol-d5 (Surr)	*0*	*S1-*	*8 - 124*	*11/13/24 05:02*	*12/10/24 21:09*	*500*
p-Terphenyl-d14	*146*	*S1+*	*47 - 130*	*11/13/24 05:02*	*12/10/24 21:09*	*500*

Client Sample ID: MW-73

Date Collected: 11/08/24 09:27
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<322	U	500	322	ug/L			11/12/24 13:47	500
1,1,1-Trichloroethane	<293	U	2500	293	ug/L			11/12/24 13:47	500
1,1,2,2-Tetrachloroethane	<235	U	500	235	ug/L			11/12/24 13:47	500

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: MW-73
Date Collected: 11/08/24 09:27
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	<555	U *+	5000	555	ug/L			11/12/24 13:47	500
1,1,2-Trichloroethane	<206	U	500	206	ug/L			11/12/24 13:47	500
1,1-Dichloroethane	<318	U	500	318	ug/L			11/12/24 13:47	500
1,1-Dichloroethene	<369	U	500	369	ug/L			11/12/24 13:47	500
1,2,3-Trichloropropane	<235	U	500	235	ug/L			11/12/24 13:47	500
1,2,4-Trimethylbenzene	<209	U	500	209	ug/L			11/12/24 13:47	500
1,2-Dibromo-3-Chloropropane	<336	U	2500	336	ug/L			11/12/24 13:47	500
1,2-Dibromoethane	<500	U	2500	500	ug/L			11/12/24 13:47	500
1,2-Dichloroethane	<186	U	500	186	ug/L			11/12/24 13:47	500
1,2-Dichloropropane	<278	U	2500	278	ug/L			11/12/24 13:47	500
1,3,5-Trimethylbenzene	<206	U	500	206	ug/L			11/12/24 13:47	500
1,3-Butadiene	<284	U	500	284	ug/L			11/12/24 13:47	500
2,2,4-Trimethylpentane	<250	U *+	2500	250	ug/L			11/12/24 13:47	500
2-Butanone (MEK)	<4140	U	25000	4140	ug/L			11/12/24 13:47	500
2-Hexanone (MBK)	<2500	U	25000	2500	ug/L			11/12/24 13:47	500
2-Propanol	<2610	U	5000	2610	ug/L			11/12/24 13:47	500
3-Chloropropene (Allyl Chloride)	<299	U	2500	299	ug/L			11/12/24 13:47	500
4-Methyl-2-pentanone	<2500	U	25000	2500	ug/L			11/12/24 13:47	500
Acetone	<1530	U	50000	1530	ug/L			11/12/24 13:47	500
Acetonitrile	<7300	U	50000	7300	ug/L			11/12/24 13:47	500
Acrolein	<5560	U	25000	5560	ug/L			11/12/24 13:47	500
Acrylonitrile	<7160	U	25000	7160	ug/L			11/12/24 13:47	500
alpha-Chlorotoluene	<1130	U	2500	1130	ug/L			11/12/24 13:47	500
Benzene	**49900**		500	230	ug/L			11/12/24 13:47	500
Bromodichloromethane	<276	U	500	276	ug/L			11/12/24 13:47	500
Bromoform	<317	U	2500	317	ug/L			11/12/24 13:47	500
Bromomethane	<710	U	2500	710	ug/L			11/12/24 13:47	500
Carbon disulfide	<825	U	2500	825	ug/L			11/12/24 13:47	500
Carbon tetrachloride	<448	U	2500	448	ug/L			11/12/24 13:47	500
Chlorobenzene	<228	U	500	228	ug/L			11/12/24 13:47	500
Chlorodibromomethane	<274	U	2500	274	ug/L			11/12/24 13:47	500
Chloroethane	<992	U	5000	992	ug/L			11/12/24 13:47	500
Chloroform	<232	U	500	232	ug/L			11/12/24 13:47	500
Chloromethane	<1020	U	5000	1020	ug/L			11/12/24 13:47	500
Chloroprene	<299	U	2500	299	ug/L			11/12/24 13:47	500
cis-1,2-Dichloroethene	<229	U	500	229	ug/L			11/12/24 13:47	500
cis-1,3-Dichloropropene	<534	U	2500	534	ug/L			11/12/24 13:47	500
Cumene (isopropylbenzene)	<296	U	500	296	ug/L			11/12/24 13:47	500
Cyclohexane	<643	U	2500	643	ug/L			11/12/24 13:47	500
Dibromomethane	<179	U	500	179	ug/L			11/12/24 13:47	500
Dichlorodifluoromethane	<393	U	500	393	ug/L			11/12/24 13:47	500
Ethyl methacrylate	<559	U	2500	559	ug/L			11/12/24 13:47	500
Ethylbenzene	<193	U	500	193	ug/L			11/12/24 13:47	500
Hexane	<259	U *+	2500	259	ug/L			11/12/24 13:47	500
Iodomethane	<2500	U	10000	2500	ug/L			11/12/24 13:47	500
Isobutanol	<8550	U	25000	8550	ug/L			11/12/24 13:47	500
Methacrylonitrile	<1360	U	5000	1360	ug/L			11/12/24 13:47	500
Methyl methacrylate	<1130	U	5000	1130	ug/L			11/12/24 13:47	500
Methyl tert-butyl ether	<696	U	2500	696	ug/L			11/12/24 13:47	500

Client Sample ID: MW-73
Lab Sample ID: 860-86678-5
Date Collected: 11/08/24 09:27
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<863	U	2500	863	ug/L			11/12/24 13:47	500
Propionitrile	<1670	U	5000	1670	ug/L			11/12/24 13:47	500
Propylbenzene	<215	U	500	215	ug/L			11/12/24 13:47	500
Styrene	<310	U	500	310	ug/L			11/12/24 13:47	500
Tetrachloroethene	<328	U	500	328	ug/L			11/12/24 13:47	500
Tetrahydrofuran	<917	U	5000	917	ug/L			11/12/24 13:47	500
Toluene	**879**		500	238	ug/L			11/12/24 13:47	500
trans-1,2-Dichloroethene	<184	U	500	184	ug/L			11/12/24 13:47	500
trans-1,3-Dichloropropene	<634	U	2500	634	ug/L			11/12/24 13:47	500
trans-1,4-Dichloro-2-butene	<675	U	5000	675	ug/L			11/12/24 13:47	500
Trichloroethene	<750	U	2500	750	ug/L			11/12/24 13:47	500
Trichlorofluoromethane	<280	U	500	280	ug/L			11/12/24 13:47	500
Vinyl acetate	<1070	U	10000	1070	ug/L			11/12/24 13:47	500
Vinyl chloride	<214	U	1000	214	ug/L			11/12/24 13:47	500
Xylenes, Total	<620	U	5000	620	ug/L			11/12/24 13:47	500
m,p-Xylenes	<0.620	U	5.00	0.620	mg/L			11/12/24 13:47	500
o-Xylene	<0.251	U	0.500	0.251	mg/L			11/12/24 13:47	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 144*		*11/12/24 13:47*	*500*
4-Bromofluorobenzene (Surr)	*89*		*74 - 124*		*11/12/24 13:47*	*500*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/12/24 13:47*	*500*
Toluene-d8 (Surr)	*96*		*80 - 120*		*11/12/24 13:47*	*500*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0759	U	0.566	0.0759	ug/L		11/13/24 05:02	12/09/24 06:42	1
1,2-Dichlorobenzene	**0.177**	**J**	0.566	0.0931	ug/L		11/13/24 05:02	12/09/24 06:42	1
1,3-Dichlorobenzene	<0.101	U	0.566	0.101	ug/L		11/13/24 05:02	12/09/24 06:42	1
1,4-Dichlorobenzene	<0.0771	U	0.566	0.0771	ug/L		11/13/24 05:02	12/09/24 06:42	1
2,2'-oxybis[1-chloropropane]	<1.41	U	2.83	1.41	ug/L		11/13/24 05:02	12/09/24 06:42	1
2,4,5-Trichlorophenol	<0.142	U	0.566	0.142	ug/L		11/13/24 05:02	12/09/24 06:42	1
2,4,6-Trichlorophenol	<0.228	U	0.566	0.228	ug/L		11/13/24 05:02	12/09/24 06:42	1
2,4-Dichlorophenol	<0.139	U	0.566	0.139	ug/L		11/13/24 05:02	12/09/24 06:42	1
2,4-Dimethylphenol	<0.190	U *+	0.566	0.190	ug/L		11/13/24 05:02	12/09/24 06:42	1
1,4-Dioxane	**5.07**	**I**	0.566	0.0881	ug/L		11/13/24 05:02	12/09/24 06:42	1
2,4-Dinitrophenol	<0.103	U	2.83	0.103	ug/L		11/13/24 05:02	12/09/24 06:42	1
2,4-Dinitrotoluene	<0.203	U	0.566	0.203	ug/L		11/13/24 05:02	12/09/24 06:42	1
2,6-Dinitrotoluene	<0.115	U	0.566	0.115	ug/L		11/13/24 05:02	12/09/24 06:42	1
2-Chloronaphthalene	<0.374	U	0.566	0.374	ug/L		11/13/24 05:02	12/09/24 06:42	1
2-Methylnaphthalene	<0.0597	U	0.566	0.0597	ug/L		11/13/24 05:02	12/09/24 06:42	1
2-Methylphenol	**11.5**		0.566	0.104	ug/L		11/13/24 05:02	12/09/24 06:42	1
2-Nitroaniline	<0.147	U	0.566	0.147	ug/L		11/13/24 05:02	12/09/24 06:42	1
2-Nitrophenol	<0.135	U	0.566	0.135	ug/L		11/13/24 05:02	12/09/24 06:42	1
3 & 4 Methylphenol	**21.5**		0.566	0.138	ug/L		11/13/24 05:02	12/09/24 06:42	1
3-Nitroaniline	<0.0844	U	0.566	0.0844	ug/L		11/13/24 05:02	12/09/24 06:42	1
4,6-Dinitro-2-methylphenol	<0.199	U	1.13	0.199	ug/L		11/13/24 05:02	12/09/24 06:42	1
4-Bromophenyl phenyl ether	<0.0993	U	0.566	0.0993	ug/L		11/13/24 05:02	12/09/24 06:42	1
4-Chloro-3-methylphenol	<0.103	U	0.566	0.103	ug/L		11/13/24 05:02	12/09/24 06:42	1
4-Chloroaniline	<0.0382	U	0.566	0.0382	ug/L		11/13/24 05:02	12/09/24 06:42	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: MW-73
Date Collected: 11/08/24 09:27
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	<0.129	U	0.566	0.129	ug/L		11/13/24 05:02	12/09/24 06:42	1
4-Nitroaniline	<0.108	U	0.566	0.108	ug/L		11/13/24 05:02	12/09/24 06:42	1
Acenaphthene	**0.199**	**J**	0.566	0.106	ug/L		11/13/24 05:02	12/09/24 06:42	1
Acenaphthylene	<0.0987	U	0.566	0.0987	ug/L		11/13/24 05:02	12/09/24 06:42	1
Aniline	<0.0574	U	0.566	0.0574	ug/L		11/13/24 05:02	12/09/24 06:42	1
Anthracene	<0.0929	U	0.566	0.0929	ug/L		11/13/24 05:02	12/09/24 06:42	1
Benzo[a]anthracene	<0.0283	U	0.0283	0.0283	ug/L		11/13/24 05:02	12/09/24 06:42	1
Benzo[a]pyrene	<0.0297	U	0.0566	0.0297	ug/L		11/13/24 05:02	12/09/24 06:42	1
Benzo[b]fluoranthene	<0.0657	U	0.566	0.0657	ug/L		11/13/24 05:02	12/09/24 06:42	1
Benzo[g,h,i]perylene	<0.0342	U	0.566	0.0342	ug/L		11/13/24 05:02	12/09/24 06:42	1
Benzo[k]fluoranthene	<0.0468	U	0.566	0.0468	ug/L		11/13/24 05:02	12/09/24 06:42	1
Benzyl alcohol	**13.2**	**I *-**	1.13	0.594	ug/L		11/13/24 05:02	12/09/24 06:42	1
Bis(2-chloroethoxy)methane	<0.0965	U	0.566	0.0965	ug/L		11/13/24 05:02	12/09/24 06:42	1
Bis(2-chloroethyl)ether	<0.212	U *+	0.566	0.212	ug/L		11/13/24 05:02	12/09/24 06:42	1
Bis(2-ethylhexyl) phthalate	<0.891	U	1.13	0.891	ug/L		11/13/24 05:02	12/09/24 06:42	1
Butyl benzyl phthalate	<0.495	U	1.13	0.495	ug/L		11/13/24 05:02	12/09/24 06:42	1
Chrysene	<0.0807	U	0.566	0.0807	ug/L		11/13/24 05:02	12/09/24 06:42	1
Dibenz(a,h)anthracene	<0.0504	U	0.113	0.0504	ug/L		11/13/24 05:02	12/09/24 06:42	1
Dibenzofuran	**3.84**		0.566	0.105	ug/L		11/13/24 05:02	12/09/24 06:42	1
Diethyl phthalate	<0.153	U	1.13	0.153	ug/L		11/13/24 05:02	12/09/24 06:42	1
Dimethyl phthalate	<0.107	U *+	1.13	0.107	ug/L		11/13/24 05:02	12/09/24 06:42	1
Di-n-butyl phthalate	<0.757	U	1.13	0.757	ug/L		11/13/24 05:02	12/09/24 06:42	1
Di-n-octyl phthalate	<0.266	U	1.13	0.266	ug/L		11/13/24 05:02	12/09/24 06:42	1
Fluoranthene	<0.0874	U	0.566	0.0874	ug/L		11/13/24 05:02	12/09/24 06:42	1
Fluorene	**0.211**	**J**	0.566	0.0939	ug/L		11/13/24 05:02	12/09/24 06:42	1
Hexachlorobenzene	<0.0965	U	0.566	0.0965	ug/L		11/13/24 05:02	12/09/24 06:42	1
Hexachlorobutadiene	<0.102	U	0.566	0.102	ug/L		11/13/24 05:02	12/09/24 06:42	1
Hexachlorocyclopentadiene	<0.0507	U	0.566	0.0507	ug/L		11/13/24 05:02	12/09/24 06:42	1
Hexachloroethane	<0.101	U	0.566	0.101	ug/L		11/13/24 05:02	12/09/24 06:42	1
Indeno[1,2,3-cd]pyrene	<0.0990	U	0.566	0.0990	ug/L		11/13/24 05:02	12/09/24 06:42	1
Isophorone	**2.16**	**I**	0.566	0.105	ug/L		11/13/24 05:02	12/09/24 06:42	1
Naphthalene	**19.8**		0.566	0.0935	ug/L		11/13/24 05:02	12/09/24 06:42	1
Nitrobenzene	<0.0729	U	0.566	0.0729	ug/L		11/13/24 05:02	12/09/24 06:42	1
N-Nitrosodi-n-propylamine	<0.117	U	0.566	0.117	ug/L		11/13/24 05:02	12/09/24 06:42	1
N-Nitrosodiphenylamine	<0.143	U	0.566	0.143	ug/L		11/13/24 05:02	12/09/24 06:42	1
Pentachlorophenol	<1.03	U	1.13	1.03	ug/L		11/13/24 05:02	12/09/24 06:42	1
Phenanthrene	<0.133	U	0.566	0.133	ug/L		11/13/24 05:02	12/09/24 06:42	1
Pyrene	<0.0840	U	0.566	0.0840	ug/L		11/13/24 05:02	12/09/24 06:42	1
Pyridine	<1.42	U *-	2.83	1.42	ug/L		11/13/24 05:02	12/09/24 06:42	1
N-Nitro-o-toluidine	<0.515	U	1.13	0.515	ug/L		11/13/24 05:02	12/09/24 06:42	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.566	0.209	ug/L		11/13/24 05:02	12/09/24 06:42	1
Acetophenone	**8.65**		1.13	0.618	ug/L		11/13/24 05:02	12/09/24 06:42	1
N-Nitrosopiperidine	<0.463	U	1.13	0.463	ug/L		11/13/24 05:02	12/09/24 06:42	1
Pentachlorobenzene	<0.263	U	0.566	0.263	ug/L		11/13/24 05:02	12/09/24 06:42	1
4-Aminobiphenyl	<0.390	U	0.566	0.390	ug/L		11/13/24 05:02	12/09/24 06:42	1
1,2,4,5-Tetrachlorobenzene	<0.0948	U	0.566	0.0948	ug/L		11/13/24 05:02	12/09/24 06:42	1
1,3,5-Trinitrobenzene	<0.118	U	0.566	0.118	ug/L		11/13/24 05:02	12/09/24 06:42	1
1,3-Dinitrobenzene	<0.0765	U	0.566	0.0765	ug/L		11/13/24 05:02	12/09/24 06:42	1
1,4-Naphthoquinone	<0.311	U	0.566	0.311	ug/L		11/13/24 05:02	12/09/24 06:42	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: MW-73
Date Collected: 11/08/24 09:27
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Naphthylamine	<0.147	U	0.566	0.147	ug/L		11/13/24 05:02	12/09/24 06:42	1
2,6-Dichlorophenol	<0.117	U	0.566	0.117	ug/L		11/13/24 05:02	12/09/24 06:42	1
2-Acetylaminofluorene	<1.25	U	2.83	1.25	ug/L		11/13/24 05:02	12/09/24 06:42	1
2-Chlorophenol	<0.0749	U	0.566	0.0749	ug/L		11/13/24 05:02	12/09/24 06:42	1
2-Naphthylamine	<0.285	U	0.566	0.285	ug/L		11/13/24 05:02	12/09/24 06:42	1
2-Picoline	<0.121	U	0.566	0.121	ug/L		11/13/24 05:02	12/09/24 06:42	1
2-Toluidine	<0.303	U	0.566	0.303	ug/L		11/13/24 05:02	12/09/24 06:42	1
3,3'-Dichlorobenzidine	<0.181	U	0.566	0.181	ug/L		11/13/24 05:02	12/09/24 06:42	1
3,3'-Dimethylbenzidine	<0.140	U	0.566	0.140	ug/L		11/13/24 05:02	12/09/24 06:42	1
3-Methylcholanthrene	<0.103	U	0.566	0.103	ug/L		11/13/24 05:02	12/09/24 06:42	1
4-Nitroquinoline-1-oxide	<0.723	U	1.13	0.723	ug/L		11/13/24 05:02	12/09/24 06:42	1
7,12-Dimethylbenz(a)anthracene	<0.239	U	0.566	0.239	ug/L		11/13/24 05:02	12/09/24 06:42	1
alpha,alpha-Dimethyl phenethylamine	<3.63	U	5.66	3.63	ug/L		11/13/24 05:02	12/09/24 06:42	1
Aramite Peak 1	<0.0777	U	0.566	0.0777	ug/L		11/13/24 05:02	12/09/24 06:42	1
Aramite Peak 2	<0.0944	U	0.566	0.0944	ug/L		11/13/24 05:02	12/09/24 06:42	1
Aramite, Total	<0.0944	U	0.566	0.0944	ug/L		11/13/24 05:02	12/09/24 06:42	1
Diallate	<0.0827	U	0.566	0.0827	ug/L		11/13/24 05:02	12/09/24 06:42	1
Diallate Peak 1	<0.0827	U	0.566	0.0827	ug/L		11/13/24 05:02	12/09/24 06:42	1
Diallate Peak 2	<0.0381	U	0.566	0.0381	ug/L		11/13/24 05:02	12/09/24 06:42	1
Dimethoate	<0.120	U *+	0.566	0.120	ug/L		11/13/24 05:02	12/09/24 06:42	1
Dinoseb	<0.564	U *+	2.83	0.564	ug/L		11/13/24 05:02	12/09/24 06:42	1
Disulfoton	<0.201	U *+	0.566	0.201	ug/L		11/13/24 05:02	12/09/24 06:42	1
Ethyl methanesulfonate	<0.224	U	0.566	0.224	ug/L		11/13/24 05:02	12/09/24 06:42	1
Ethyl Parathion	<0.0497	U *+	0.226	0.0497	ug/L		11/13/24 05:02	12/09/24 06:42	1
Famphur	<0.149	U *+	1.13	0.149	ug/L		11/13/24 05:02	12/09/24 06:42	1
Hexachloropropene	<0.297	U *-	0.566	0.297	ug/L		11/13/24 05:02	12/09/24 06:42	1
Isosafrole	<0.238	U	0.566	0.238	ug/L		11/13/24 05:02	12/09/24 06:42	1
Isosafrole Peak 1	<0.0459	U	0.566	0.0459	ug/L		11/13/24 05:02	12/09/24 06:42	1
Isosafrole Peak 2	<0.238	U	0.566	0.238	ug/L		11/13/24 05:02	12/09/24 06:42	1
Methapyrilene	<0.990	U *+	2.26	0.990	ug/L		11/13/24 05:02	12/09/24 06:42	1
Methyl methanesulfonate	<0.119	U	0.566	0.119	ug/L		11/13/24 05:02	12/09/24 06:42	1
Methyl parathion	<0.316	U *+	0.566	0.316	ug/L		11/13/24 05:02	12/09/24 06:42	1
N-Nitrosodiethylamine	<0.533	U	1.13	0.533	ug/L		11/13/24 05:02	12/09/24 06:42	1
N-Nitrosodimethylamine	<0.0990	U *-	0.566	0.0990	ug/L		11/13/24 05:02	12/09/24 06:42	1
N-Nitrosodi-n-butylamine	<0.510	U	1.13	0.510	ug/L		11/13/24 05:02	12/09/24 06:42	1
N-Nitrosomethylethylamine	<0.291	U	0.566	0.291	ug/L		11/13/24 05:02	12/09/24 06:42	1
N-Nitrosomorpholine	<0.218	U	0.566	0.218	ug/L		11/13/24 05:02	12/09/24 06:42	1
N-Nitrosopyrrolidine	<0.265	U *-	0.566	0.265	ug/L		11/13/24 05:02	12/09/24 06:42	1
o,o',o''-Triethylphosphorothioate	<0.137	U *+	0.566	0.137	ug/L		11/13/24 05:02	12/09/24 06:42	1
p-Dimethylamino azobenzene	<0.0235	U	0.566	0.0235	ug/L		11/13/24 05:02	12/09/24 06:42	1
Pentachloronitrobenzene	<0.0990	U	0.566	0.0990	ug/L		11/13/24 05:02	12/09/24 06:42	1
Phenacetin	<0.0990	U	0.566	0.0990	ug/L		11/13/24 05:02	12/09/24 06:42	1
Phorate	<0.219	U *+	0.566	0.219	ug/L		11/13/24 05:02	12/09/24 06:42	1
p-Phenylene diamine	<0.495	U *-	1.13	0.495	ug/L		11/13/24 05:02	12/09/24 06:42	1
Pronamide	<0.0990	U *+	0.566	0.0990	ug/L		11/13/24 05:02	12/09/24 06:42	1
Safrole, Total	<0.0565	U	0.566	0.0565	ug/L		11/13/24 05:02	12/09/24 06:42	1
Sulfotepp	<0.145	U *+	0.566	0.145	ug/L		11/13/24 05:02	12/09/24 06:42	1
Thionazin	<0.206	U *+	1.13	0.206	ug/L		11/13/24 05:02	12/09/24 06:42	1

Client Sample ID: MW-73

Lab Sample ID: 860-86678-5

Date Collected: 11/08/24 09:27

Matrix: Water

Date Received: 11/09/24 08:53

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	169	S1+	35 - 130	11/13/24 05:02	12/09/24 06:42	1
2-Fluorobiphenyl	83		43 - 130	11/13/24 05:02	12/09/24 06:42	1
2-Fluorophenol (Surr)	75		19 - 120	11/13/24 05:02	12/09/24 06:42	1
Nitrobenzene-d5 (Surr)	134	S1+	37 - 133	11/13/24 05:02	12/09/24 06:42	1
Phenol-d5 (Surr)	53		8 - 124	11/13/24 05:02	12/09/24 06:42	1
p-Terphenyl-d14	145	S1+	47 - 130	11/13/24 05:02	12/09/24 06:42	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	83.7		56.6	8.87	ug/L		11/13/24 05:02	12/10/24 21:38	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	73		35 - 130	11/13/24 05:02	12/10/24 21:38	20
2-Fluorobiphenyl	82		43 - 130	11/13/24 05:02	12/10/24 21:38	20
2-Fluorophenol (Surr)	71		19 - 120	11/13/24 05:02	12/10/24 21:38	20
Nitrobenzene-d5 (Surr)	101		37 - 133	11/13/24 05:02	12/10/24 21:38	20
Phenol-d5 (Surr)	57	I	8 - 124	11/13/24 05:02	12/10/24 21:38	20
p-Terphenyl-d14	122		47 - 130	11/13/24 05:02	12/10/24 21:38	20

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	7280		566	90.1	ug/L		11/13/24 05:02	12/10/24 22:07	1000
1,1'-Biphenyl	2220		566	97.2	ug/L		11/13/24 05:02	12/10/24 22:07	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	0	S1-	35 - 130	11/13/24 05:02	12/10/24 22:07	1000
2-Fluorobiphenyl	193	I S1+	43 - 130	11/13/24 05:02	12/10/24 22:07	1000
2-Fluorophenol (Surr)	110	I	19 - 120	11/13/24 05:02	12/10/24 22:07	1000
Nitrobenzene-d5 (Surr)	169	I S1+	37 - 133	11/13/24 05:02	12/10/24 22:07	1000
Phenol-d5 (Surr)	486	I S1+	8 - 124	11/13/24 05:02	12/10/24 22:07	1000
p-Terphenyl-d14	147	S1+	47 - 130	11/13/24 05:02	12/10/24 22:07	1000

Client Sample ID: DUPE-04

Lab Sample ID: 860-86678-6

Date Collected: 11/08/24 00:00

Matrix: Water

Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<6.44	U	10.0	6.44	ug/L			11/12/24 14:07	10
1,1,1-Trichloroethane	<5.85	U	50.0	5.85	ug/L			11/12/24 14:07	10
1,1,2,2-Tetrachloroethane	<4.70	U	10.0	4.70	ug/L			11/12/24 14:07	10
1,1,2-Trichloro-1,2,2-trifluoroethane	<11.1	U *+	100	11.1	ug/L			11/12/24 14:07	10
1,1,2-Trichloroethane	<4.11	U	10.0	4.11	ug/L			11/12/24 14:07	10
1,1-Dichloroethane	<6.35	U	10.0	6.35	ug/L			11/12/24 14:07	10
1,1-Dichloroethene	<7.38	U	10.0	7.38	ug/L			11/12/24 14:07	10
1,2,3-Trichloropropane	<4.70	U	10.0	4.70	ug/L			11/12/24 14:07	10
1,2,4-Trimethylbenzene	<4.17	U	10.0	4.17	ug/L			11/12/24 14:07	10
1,2-Dibromo-3-Chloropropane	<6.71	U	50.0	6.71	ug/L			11/12/24 14:07	10
1,2-Dibromoethane	<9.99	U	50.0	9.99	ug/L			11/12/24 14:07	10
1,2-Dichloroethane	<3.72	U	10.0	3.72	ug/L			11/12/24 14:07	10
1,2-Dichloropropane	<5.56	U	50.0	5.56	ug/L			11/12/24 14:07	10

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: DUPE-04
Date Collected: 11/08/24 00:00
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<4.11	U	10.0	4.11	ug/L			11/12/24 14:07	10
1,3-Butadiene	<5.68	U	10.0	5.68	ug/L			11/12/24 14:07	10
2,2,4-Trimethylpentane	<5.00	U *+	50.0	5.00	ug/L			11/12/24 14:07	10
2-Butanone (MEK)	<82.8	U	500	82.8	ug/L			11/12/24 14:07	10
2-Hexanone (MBK)	<50.0	U	500	50.0	ug/L			11/12/24 14:07	10
2-Propanol	<52.3	U	100	52.3	ug/L			11/12/24 14:07	10
3-Chloropropene (Allyl Chloride)	<5.97	U	50.0	5.97	ug/L			11/12/24 14:07	10
4-Methyl-2-pentanone	**63.1**	**J**	500	50.0	ug/L			11/12/24 14:07	10
Acetone	**706**	**J**	1000	30.7	ug/L			11/12/24 14:07	10
Acetonitrile	<146	U	1000	146	ug/L			11/12/24 14:07	10
Acrolein	<111	U	500	111	ug/L			11/12/24 14:07	10
Acrylonitrile	<143	U	500	143	ug/L			11/12/24 14:07	10
alpha-Chlorotoluene	<22.6	U	50.0	22.6	ug/L			11/12/24 14:07	10
Benzene	<4.60	U	10.0	4.60	ug/L			11/12/24 14:07	10
Bromodichloromethane	<5.52	U	10.0	5.52	ug/L			11/12/24 14:07	10
Bromoform	<6.33	U	50.0	6.33	ug/L			11/12/24 14:07	10
Bromomethane	<14.2	U	50.0	14.2	ug/L			11/12/24 14:07	10
Carbon disulfide	<16.5	U	50.0	16.5	ug/L			11/12/24 14:07	10
Carbon tetrachloride	<8.96	U	50.0	8.96	ug/L			11/12/24 14:07	10
Chlorobenzene	<4.55	U	10.0	4.55	ug/L			11/12/24 14:07	10
Chlorodibromomethane	<5.47	U	50.0	5.47	ug/L			11/12/24 14:07	10
Chloroethane	<19.8	U	100	19.8	ug/L			11/12/24 14:07	10
Chloroform	<4.64	U	10.0	4.64	ug/L			11/12/24 14:07	10
Chloromethane	<20.4	U	100	20.4	ug/L			11/12/24 14:07	10
Chloroprene	<5.98	U	50.0	5.98	ug/L			11/12/24 14:07	10
cis-1,2-Dichloroethene	<4.57	U	10.0	4.57	ug/L			11/12/24 14:07	10
cis-1,3-Dichloropropene	<10.7	U	50.0	10.7	ug/L			11/12/24 14:07	10
Cumene (isopropylbenzene)	<5.92	U	10.0	5.92	ug/L			11/12/24 14:07	10
Cyclohexane	<12.9	U	50.0	12.9	ug/L			11/12/24 14:07	10
Dibromomethane	<3.57	U	10.0	3.57	ug/L			11/12/24 14:07	10
Dichlorodifluoromethane	<7.85	U	10.0	7.85	ug/L			11/12/24 14:07	10
Ethyl methacrylate	<11.2	U	50.0	11.2	ug/L			11/12/24 14:07	10
Ethylbenzene	<3.85	U	10.0	3.85	ug/L			11/12/24 14:07	10
Hexane	<5.17	U *+	50.0	5.17	ug/L			11/12/24 14:07	10
Iodomethane	<50.0	U	200	50.0	ug/L			11/12/24 14:07	10
Isobutanol	<171	U	500	171	ug/L			11/12/24 14:07	10
Methacrylonitrile	<27.2	U	100	27.2	ug/L			11/12/24 14:07	10
Methyl methacrylate	<22.5	U	100	22.5	ug/L			11/12/24 14:07	10
Methyl tert-butyl ether	<13.9	U	50.0	13.9	ug/L			11/12/24 14:07	10
Methylene Chloride	<17.3	U	50.0	17.3	ug/L			11/12/24 14:07	10
Propionitrile	<33.4	U	100	33.4	ug/L			11/12/24 14:07	10
Propylbenzene	<4.29	U	10.0	4.29	ug/L			11/12/24 14:07	10
Styrene	<6.19	U	10.0	6.19	ug/L			11/12/24 14:07	10
Tetrachloroethene	<6.55	U	10.0	6.55	ug/L			11/12/24 14:07	10
Tetrahydrofuran	**1170**		100	18.3	ug/L			11/12/24 14:07	10
Toluene	**1030**		10.0	4.75	ug/L			11/12/24 14:07	10
trans-1,2-Dichloroethene	<3.68	U	10.0	3.68	ug/L			11/12/24 14:07	10
trans-1,3-Dichloropropene	<12.7	U	50.0	12.7	ug/L			11/12/24 14:07	10
trans-1,4-Dichloro-2-butene	<13.5	U	100	13.5	ug/L			11/12/24 14:07	10

Client Sample ID: DUPE-04
Lab Sample ID: 860-86678-6
Date Collected: 11/08/24 00:00
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<15.0	U	50.0	15.0	ug/L			11/12/24 14:07	10
Trichlorofluoromethane	<5.60	U	10.0	5.60	ug/L			11/12/24 14:07	10
Vinyl acetate	<21.4	U	200	21.4	ug/L			11/12/24 14:07	10
Vinyl chloride	<4.28	U	20.0	4.28	ug/L			11/12/24 14:07	10
Xylenes, Total	<12.4	U	100	12.4	ug/L			11/12/24 14:07	10
m,p-Xylenes	<0.0124	U	0.100	0.0124	mg/L			11/12/24 14:07	10
o-Xylene	<0.00502	U	0.0100	0.00502	mg/L			11/12/24 14:07	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*		*11/12/24 14:07*	*10*
4-Bromofluorobenzene (Surr)	*93*		*74 - 124*		*11/12/24 14:07*	*10*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*11/12/24 14:07*	*10*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/12/24 14:07*	*10*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0751	U	0.560	0.0751	ug/L		11/13/24 05:02	12/09/24 07:12	1
1,2-Dichlorobenzene	**0.164**	**J**	0.560	0.0922	ug/L		11/13/24 05:02	12/09/24 07:12	1
1,3-Dichlorobenzene	<0.0997	U	0.560	0.0997	ug/L		11/13/24 05:02	12/09/24 07:12	1
1,4-Dichlorobenzene	<0.0764	U	0.560	0.0764	ug/L		11/13/24 05:02	12/09/24 07:12	1
2,2'-oxybis[1-chloropropane]	<1.40	U	2.80	1.40	ug/L		11/13/24 05:02	12/09/24 07:12	1
2,4,5-Trichlorophenol	<0.140	U	0.560	0.140	ug/L		11/13/24 05:02	12/09/24 07:12	1
2,4,6-Trichlorophenol	<0.226	U	0.560	0.226	ug/L		11/13/24 05:02	12/09/24 07:12	1
2,4-Dichlorophenol	<0.137	U	0.560	0.137	ug/L		11/13/24 05:02	12/09/24 07:12	1
2,4-Dimethylphenol	<0.188	U *+	0.560	0.188	ug/L		11/13/24 05:02	12/09/24 07:12	1
1,4-Dioxane	**5.36**	**I**	0.560	0.0873	ug/L		11/13/24 05:02	12/09/24 07:12	1
2,4-Dinitrophenol	<0.102	U	2.80	0.102	ug/L		11/13/24 05:02	12/09/24 07:12	1
2,4-Dinitrotoluene	<0.201	U	0.560	0.201	ug/L		11/13/24 05:02	12/09/24 07:12	1
2,6-Dinitrotoluene	<0.114	U	0.560	0.114	ug/L		11/13/24 05:02	12/09/24 07:12	1
2-Chloronaphthalene	<0.371	U	0.560	0.371	ug/L		11/13/24 05:02	12/09/24 07:12	1
2-Methylnaphthalene	<0.0591	U	0.560	0.0591	ug/L		11/13/24 05:02	12/09/24 07:12	1
2-Methylphenol	**12.0**		0.560	0.103	ug/L		11/13/24 05:02	12/09/24 07:12	1
2-Nitroaniline	<0.146	U	0.560	0.146	ug/L		11/13/24 05:02	12/09/24 07:12	1
2-Nitrophenol	<0.133	U	0.560	0.133	ug/L		11/13/24 05:02	12/09/24 07:12	1
3-Nitroaniline	<0.0836	U	0.560	0.0836	ug/L		11/13/24 05:02	12/09/24 07:12	1
4,6-Dinitro-2-methylphenol	<0.197	U	1.12	0.197	ug/L		11/13/24 05:02	12/09/24 07:12	1
4-Bromophenyl phenyl ether	<0.0983	U	0.560	0.0983	ug/L		11/13/24 05:02	12/09/24 07:12	1
4-Chloro-3-methylphenol	<0.102	U	0.560	0.102	ug/L		11/13/24 05:02	12/09/24 07:12	1
4-Chloroaniline	<0.0378	U	0.560	0.0378	ug/L		11/13/24 05:02	12/09/24 07:12	1
4-Chlorophenyl phenyl ether	<0.128	U	0.560	0.128	ug/L		11/13/24 05:02	12/09/24 07:12	1
4-Nitroaniline	<0.107	U	0.560	0.107	ug/L		11/13/24 05:02	12/09/24 07:12	1
Acenaphthene	**0.175**	**J I**	0.560	0.105	ug/L		11/13/24 05:02	12/09/24 07:12	1
Acenaphthylene	<0.0977	U	0.560	0.0977	ug/L		11/13/24 05:02	12/09/24 07:12	1
Aniline	<0.0568	U	0.560	0.0568	ug/L		11/13/24 05:02	12/09/24 07:12	1
Anthracene	<0.0920	U	0.560	0.0920	ug/L		11/13/24 05:02	12/09/24 07:12	1
Benzo[a]anthracene	<0.0280	U	0.0280	0.0280	ug/L		11/13/24 05:02	12/09/24 07:12	1
Benzo[a]pyrene	<0.0294	U	0.0560	0.0294	ug/L		11/13/24 05:02	12/09/24 07:12	1
Benzo[b]fluoranthene	<0.0651	U	0.560	0.0651	ug/L		11/13/24 05:02	12/09/24 07:12	1
Benzo[g,h,i]perylene	<0.0338	U	0.560	0.0338	ug/L		11/13/24 05:02	12/09/24 07:12	1
Benzo[k]fluoranthene	<0.0463	U	0.560	0.0463	ug/L		11/13/24 05:02	12/09/24 07:12	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: DUPE-04
Date Collected: 11/08/24 00:00
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl alcohol	**14.2**	**I *-**	1.12	0.588	ug/L		11/13/24 05:02	12/09/24 07:12	1
Bis(2-chloroethoxy)methane	<0.0955	U	0.560	0.0955	ug/L		11/13/24 05:02	12/09/24 07:12	1
Bis(2-chloroethyl)ether	<0.210	U *+	0.560	0.210	ug/L		11/13/24 05:02	12/09/24 07:12	1
Bis(2-ethylhexyl) phthalate	<0.882	U	1.12	0.882	ug/L		11/13/24 05:02	12/09/24 07:12	1
Butyl benzyl phthalate	<0.490	U	1.12	0.490	ug/L		11/13/24 05:02	12/09/24 07:12	1
Chrysene	<0.0799	U	0.560	0.0799	ug/L		11/13/24 05:02	12/09/24 07:12	1
Dibenz(a,h)anthracene	<0.0499	U	0.112	0.0499	ug/L		11/13/24 05:02	12/09/24 07:12	1
Dibenzofuran	**3.31**		0.560	0.104	ug/L		11/13/24 05:02	12/09/24 07:12	1
Diethyl phthalate	<0.152	U	1.12	0.152	ug/L		11/13/24 05:02	12/09/24 07:12	1
Dimethyl phthalate	<0.106	U *+	1.12	0.106	ug/L		11/13/24 05:02	12/09/24 07:12	1
Di-n-butyl phthalate	<0.750	U	1.12	0.750	ug/L		11/13/24 05:02	12/09/24 07:12	1
Di-n-octyl phthalate	<0.264	U	1.12	0.264	ug/L		11/13/24 05:02	12/09/24 07:12	1
Fluoranthene	<0.0866	U	0.560	0.0866	ug/L		11/13/24 05:02	12/09/24 07:12	1
Fluorene	**0.208**	**J**	0.560	0.0930	ug/L		11/13/24 05:02	12/09/24 07:12	1
Hexachlorobenzene	<0.0956	U	0.560	0.0956	ug/L		11/13/24 05:02	12/09/24 07:12	1
Hexachlorobutadiene	<0.101	U	0.560	0.101	ug/L		11/13/24 05:02	12/09/24 07:12	1
Hexachlorocyclopentadiene	<0.0502	U	0.560	0.0502	ug/L		11/13/24 05:02	12/09/24 07:12	1
Hexachloroethane	<0.0998	U	0.560	0.0998	ug/L		11/13/24 05:02	12/09/24 07:12	1
Indeno[1,2,3-cd]pyrene	<0.0980	U	0.560	0.0980	ug/L		11/13/24 05:02	12/09/24 07:12	1
Isophorone	**2.07**	**I**	0.560	0.104	ug/L		11/13/24 05:02	12/09/24 07:12	1
Naphthalene	**18.4**		0.560	0.0926	ug/L		11/13/24 05:02	12/09/24 07:12	1
Nitrobenzene	<0.0722	U	0.560	0.0722	ug/L		11/13/24 05:02	12/09/24 07:12	1
N-Nitrosodi-n-propylamine	<0.116	U	0.560	0.116	ug/L		11/13/24 05:02	12/09/24 07:12	1
N-Nitrosodiphenylamine	<0.142	U	0.560	0.142	ug/L		11/13/24 05:02	12/09/24 07:12	1
Pentachlorophenol	<1.02	U	1.12	1.02	ug/L		11/13/24 05:02	12/09/24 07:12	1
Phenanthrene	<0.131	U	0.560	0.131	ug/L		11/13/24 05:02	12/09/24 07:12	1
Pyrene	<0.0832	U	0.560	0.0832	ug/L		11/13/24 05:02	12/09/24 07:12	1
Pyridine	<1.41	U *-	2.80	1.41	ug/L		11/13/24 05:02	12/09/24 07:12	1
N-Nitro-o-toluidine	<0.510	U	1.12	0.510	ug/L		11/13/24 05:02	12/09/24 07:12	1
2,3,4,6-Tetrachlorophenol	<0.207	U	0.560	0.207	ug/L		11/13/24 05:02	12/09/24 07:12	1
Acetophenone	**8.45**		1.12	0.612	ug/L		11/13/24 05:02	12/09/24 07:12	1
N-Nitrosopiperidine	<0.458	U	1.12	0.458	ug/L		11/13/24 05:02	12/09/24 07:12	1
Pentachlorobenzene	<0.261	U	0.560	0.261	ug/L		11/13/24 05:02	12/09/24 07:12	1
4-Aminobiphenyl	<0.386	U	0.560	0.386	ug/L		11/13/24 05:02	12/09/24 07:12	1
1,2,4,5-Tetrachlorobenzene	<0.0939	U	0.560	0.0939	ug/L		11/13/24 05:02	12/09/24 07:12	1
1,3,5-Trinitrobenzene	<0.116	U	0.560	0.116	ug/L		11/13/24 05:02	12/09/24 07:12	1
1,3-Dinitrobenzene	<0.0758	U	0.560	0.0758	ug/L		11/13/24 05:02	12/09/24 07:12	1
1,4-Naphthoquinone	<0.308	U	0.560	0.308	ug/L		11/13/24 05:02	12/09/24 07:12	1
1-Naphthylamine	<0.146	U	0.560	0.146	ug/L		11/13/24 05:02	12/09/24 07:12	1
2,6-Dichlorophenol	<0.116	U	0.560	0.116	ug/L		11/13/24 05:02	12/09/24 07:12	1
2-Acetylaminofluorene	<1.24	U	2.80	1.24	ug/L		11/13/24 05:02	12/09/24 07:12	1
2-Chlorophenol	<0.0741	U	0.560	0.0741	ug/L		11/13/24 05:02	12/09/24 07:12	1
2-Naphthylamine	<0.282	U	0.560	0.282	ug/L		11/13/24 05:02	12/09/24 07:12	1
2-Picoline	<0.120	U	0.560	0.120	ug/L		11/13/24 05:02	12/09/24 07:12	1
2-Toluidine	<0.300	U	0.560	0.300	ug/L		11/13/24 05:02	12/09/24 07:12	1
3,3'-Dichlorobenzidine	<0.180	U	0.560	0.180	ug/L		11/13/24 05:02	12/09/24 07:12	1
3,3'-Dimethylbenzidine	<0.139	U	0.560	0.139	ug/L		11/13/24 05:02	12/09/24 07:12	1
3-Methylcholanthrene	<0.102	U	0.560	0.102	ug/L		11/13/24 05:02	12/09/24 07:12	1
4-Nitroquinoline-1-oxide	<0.716	U	1.12	0.716	ug/L		11/13/24 05:02	12/09/24 07:12	1

Client Sample ID: DUPE-04
Lab Sample ID: 860-86678-6
Date Collected: 11/08/24 00:00
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
7,12-Dimethylbenz(a)anthracene	<0.236	U	0.560	0.236	ug/L		11/13/24 05:02	12/09/24 07:12	1
alpha,alpha-Dimethyl phenethylamine	<3.60	U	5.60	3.60	ug/L		11/13/24 05:02	12/09/24 07:12	1
Aramite Peak 1	<0.0770	U	0.560	0.0770	ug/L		11/13/24 05:02	12/09/24 07:12	1
Aramite Peak 2	<0.0935	U	0.560	0.0935	ug/L		11/13/24 05:02	12/09/24 07:12	1
Aramite, Total	<0.0935	U	0.560	0.0935	ug/L		11/13/24 05:02	12/09/24 07:12	1
Diallate	<0.0818	U	0.560	0.0818	ug/L		11/13/24 05:02	12/09/24 07:12	1
Diallate Peak 1	<0.0818	U	0.560	0.0818	ug/L		11/13/24 05:02	12/09/24 07:12	1
Diallate Peak 2	<0.0378	U	0.560	0.0378	ug/L		11/13/24 05:02	12/09/24 07:12	1
Dimethoate	<0.119	U *+	0.560	0.119	ug/L		11/13/24 05:02	12/09/24 07:12	1
Dinoseb	<0.558	U *+	2.80	0.558	ug/L		11/13/24 05:02	12/09/24 07:12	1
Disulfoton	<0.199	U *+	0.560	0.199	ug/L		11/13/24 05:02	12/09/24 07:12	1
Ethyl methanesulfonate	<0.222	U	0.560	0.222	ug/L		11/13/24 05:02	12/09/24 07:12	1
Ethyl Parathion	<0.0492	U *+	0.224	0.0492	ug/L		11/13/24 05:02	12/09/24 07:12	1
Famphur	<0.148	U *+	1.12	0.148	ug/L		11/13/24 05:02	12/09/24 07:12	1
Hexachloropropene	<0.294	U *-	0.560	0.294	ug/L		11/13/24 05:02	12/09/24 07:12	1
Isosafrole	<0.236	U	0.560	0.236	ug/L		11/13/24 05:02	12/09/24 07:12	1
Isosafrole Peak 1	<0.0454	U	0.560	0.0454	ug/L		11/13/24 05:02	12/09/24 07:12	1
Isosafrole Peak 2	<0.236	U	0.560	0.236	ug/L		11/13/24 05:02	12/09/24 07:12	1
Methapyrilene	<0.980	U *+	2.24	0.980	ug/L		11/13/24 05:02	12/09/24 07:12	1
Methyl methanesulfonate	<0.118	U	0.560	0.118	ug/L		11/13/24 05:02	12/09/24 07:12	1
Methyl parathion	<0.313	U *+	0.560	0.313	ug/L		11/13/24 05:02	12/09/24 07:12	1
N-Nitrosodiethylamine	<0.528	U	1.12	0.528	ug/L		11/13/24 05:02	12/09/24 07:12	1
N-Nitrosodimethylamine	<0.0980	U *-	0.560	0.0980	ug/L		11/13/24 05:02	12/09/24 07:12	1
N-Nitrosodi-n-butylamine	**0.585**	**J I**	1.12	0.505	ug/L		11/13/24 05:02	12/09/24 07:12	1
N-Nitrosomethylethylamine	<0.288	U	0.560	0.288	ug/L		11/13/24 05:02	12/09/24 07:12	1
N-Nitrosomorpholine	<0.216	U	0.560	0.216	ug/L		11/13/24 05:02	12/09/24 07:12	1
N-Nitrosopyrrolidine	<0.262	U *-	0.560	0.262	ug/L		11/13/24 05:02	12/09/24 07:12	1
o,o',o''-Triethylphosphorothioate	<0.136	U *+	0.560	0.136	ug/L		11/13/24 05:02	12/09/24 07:12	1
p-Dimethylamino azobenzene	<0.0233	U	0.560	0.0233	ug/L		11/13/24 05:02	12/09/24 07:12	1
Pentachloronitrobenzene	<0.0980	U	0.560	0.0980	ug/L		11/13/24 05:02	12/09/24 07:12	1
Phenacetin	<0.0980	U	0.560	0.0980	ug/L		11/13/24 05:02	12/09/24 07:12	1
Phorate	<0.217	U *+	0.560	0.217	ug/L		11/13/24 05:02	12/09/24 07:12	1
p-Phenylene diamine	<0.490	U *-	1.12	0.490	ug/L		11/13/24 05:02	12/09/24 07:12	1
Pronamide	<0.0980	U *+	0.560	0.0980	ug/L		11/13/24 05:02	12/09/24 07:12	1
Safrole, Total	<0.0560	U	0.560	0.0560	ug/L		11/13/24 05:02	12/09/24 07:12	1
Sulfotepp	<0.144	U *+	0.560	0.144	ug/L		11/13/24 05:02	12/09/24 07:12	1
Thionazin	<0.204	U *+	1.12	0.204	ug/L		11/13/24 05:02	12/09/24 07:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*156*	*S1+*	*35 - 130*	*11/13/24 05:02*	*12/09/24 07:12*	*1*
2-Fluorobiphenyl	*88*		*43 - 130*	*11/13/24 05:02*	*12/09/24 07:12*	*1*
2-Fluorophenol (Surr)	*94*		*19 - 120*	*11/13/24 05:02*	*12/09/24 07:12*	*1*
Nitrobenzene-d5 (Surr)	*139*	*S1+*	*37 - 133*	*11/13/24 05:02*	*12/09/24 07:12*	*1*
Phenol-d5 (Surr)	*73*		*8 - 124*	*11/13/24 05:02*	*12/09/24 07:12*	*1*
p-Terphenyl-d14	*150*	*S1+*	*47 - 130*	*11/13/24 05:02*	*12/09/24 07:12*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3 & 4 Methylphenol	**16.0**	**J**	28.0	6.81	ug/L		11/13/24 05:02	12/09/24 22:09	50
Phenol	**100**	**J**	140	22.0	ug/L		11/13/24 05:02	12/09/24 22:09	50

Client Sample ID: DUPE-04

Lab Sample ID: 860-86678-6

Date Collected: 11/08/24 00:00

Matrix: Water

Date Received: 11/09/24 08:53

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	103		35 - 130	11/13/24 05:02	12/09/24 22:09	50
2-Fluorobiphenyl	121		43 - 130	11/13/24 05:02	12/09/24 22:09	50
2-Fluorophenol (Surr)	97		19 - 120	11/13/24 05:02	12/09/24 22:09	50
Nitrobenzene-d5 (Surr)	144	S1+	37 - 133	11/13/24 05:02	12/09/24 22:09	50
Phenol-d5 (Surr)	119		8 - 124	11/13/24 05:02	12/09/24 22:09	50
p-Terphenyl-d14	186	S1+	47 - 130	11/13/24 05:02	12/09/24 22:09	50

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	7080		280	44.6	ug/L		11/13/24 05:02	12/11/24 01:33	500
1,1'-Biphenyl	2260		280	48.1	ug/L		11/13/24 05:02	12/11/24 01:33	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	0	S1-	35 - 130	11/13/24 05:02	12/11/24 01:33	500
2-Fluorobiphenyl	129		43 - 130	11/13/24 05:02	12/11/24 01:33	500
2-Fluorophenol (Surr)	104	I	19 - 120	11/13/24 05:02	12/11/24 01:33	500
Nitrobenzene-d5 (Surr)	141	I S1+	37 - 133	11/13/24 05:02	12/11/24 01:33	500
Phenol-d5 (Surr)	189	I S1+	8 - 124	11/13/24 05:02	12/11/24 01:33	500
p-Terphenyl-d14	123	I	47 - 130	11/13/24 05:02	12/11/24 01:33	500

Client Sample ID: MW-52-D

Lab Sample ID: 860-86678-7

Date Collected: 11/08/24 09:52

Matrix: Water

Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 13:26	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 13:26	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 13:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U *+	10.0	1.11	ug/L			11/12/24 13:26	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 13:26	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 13:26	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 13:26	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 13:26	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 13:26	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 13:26	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 13:26	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 13:26	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 13:26	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 13:26	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 13:26	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 13:26	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 13:26	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/12/24 13:26	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 13:26	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 13:26	1
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 13:26	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 13:26	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 13:26	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 13:26	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 13:26	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: MW-52-D
Date Collected: 11/08/24 09:52
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**5.57**		1.00	0.460	ug/L			11/12/24 13:26	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 13:26	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 13:26	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/12/24 13:26	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 13:26	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 13:26	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 13:26	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 13:26	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 13:26	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 13:26	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 13:26	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 13:26	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 13:26	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 13:26	1
Cumene (isopropylbenzene)	**7.54**		1.00	0.592	ug/L			11/12/24 13:26	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 13:26	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 13:26	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 13:26	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 13:26	1
Ethylbenzene	**0.583**	**J**	1.00	0.385	ug/L			11/12/24 13:26	1
Hexane	<0.517	U *+	5.00	0.517	ug/L			11/12/24 13:26	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 13:26	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/12/24 13:26	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 13:26	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 13:26	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 13:26	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/12/24 13:26	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 13:26	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 13:26	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 13:26	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 13:26	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 13:26	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 13:26	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 13:26	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 13:26	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 13:26	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 13:26	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 13:26	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 13:26	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 13:26	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 13:26	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 13:26	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*		*11/12/24 13:26*	*1*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*		*11/12/24 13:26*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*11/12/24 13:26*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/12/24 13:26*	*1*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: MW-52-D

Date Collected: 11/08/24 09:52
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-7

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/12/24 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*63 - 144*		*11/12/24 21:57*	*1*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*11/12/24 21:57*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 131*		*11/12/24 21:57*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*11/12/24 21:57*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/13/24 05:02	12/09/24 07:42	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/13/24 05:02	12/09/24 07:42	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/13/24 05:02	12/09/24 07:42	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/13/24 05:02	12/09/24 07:42	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		11/13/24 05:02	12/09/24 07:42	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/13/24 05:02	12/09/24 07:42	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/13/24 05:02	12/09/24 07:42	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/13/24 05:02	12/09/24 07:42	1
2,4-Dimethylphenol	<0.192	U *+	0.571	0.192	ug/L		11/13/24 05:02	12/09/24 07:42	1
1,4-Dioxane	**1.18**		0.571	0.0890	ug/L		11/13/24 05:02	12/09/24 07:42	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/13/24 05:02	12/09/24 07:42	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/13/24 05:02	12/09/24 07:42	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/13/24 05:02	12/09/24 07:42	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/13/24 05:02	12/09/24 07:42	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/13/24 05:02	12/09/24 07:42	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/13/24 05:02	12/09/24 07:42	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/13/24 05:02	12/09/24 07:42	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/13/24 05:02	12/09/24 07:42	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/13/24 05:02	12/09/24 07:42	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/13/24 05:02	12/09/24 07:42	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/13/24 05:02	12/09/24 07:42	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	12/09/24 07:42	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/13/24 05:02	12/09/24 07:42	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/13/24 05:02	12/09/24 07:42	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/13/24 05:02	12/09/24 07:42	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/13/24 05:02	12/09/24 07:42	1
Acenaphthene	**1.92**		0.571	0.107	ug/L		11/13/24 05:02	12/09/24 07:42	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/13/24 05:02	12/09/24 07:42	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/13/24 05:02	12/09/24 07:42	1
Anthracene	**0.0984**	**J**	0.571	0.0938	ug/L		11/13/24 05:02	12/09/24 07:42	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/13/24 05:02	12/09/24 07:42	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/13/24 05:02	12/09/24 07:42	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/13/24 05:02	12/09/24 07:42	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/13/24 05:02	12/09/24 07:42	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/13/24 05:02	12/09/24 07:42	1
Benzyl alcohol	**1.17**	**I *-**	1.14	0.600	ug/L		11/13/24 05:02	12/09/24 07:42	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/13/24 05:02	12/09/24 07:42	1
Bis(2-chloroethyl)ether	<0.214	U *+	0.571	0.214	ug/L		11/13/24 05:02	12/09/24 07:42	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/13/24 05:02	12/09/24 07:42	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/13/24 05:02	12/09/24 07:42	1

Client Sample ID: MW-52-D
Lab Sample ID: 860-86678-7
Date Collected: 11/08/24 09:52
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/13/24 05:02	12/09/24 07:42	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/13/24 05:02	12/09/24 07:42	1
Dibenzofuran	**0.178**	**J**	0.571	0.107	ug/L		11/13/24 05:02	12/09/24 07:42	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/13/24 05:02	12/09/24 07:42	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/13/24 05:02	12/09/24 07:42	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/13/24 05:02	12/09/24 07:42	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/13/24 05:02	12/09/24 07:42	1
Fluoranthene	**0.532**	**J**	0.571	0.0883	ug/L		11/13/24 05:02	12/09/24 07:42	1
Fluorene	**0.824**		0.571	0.0948	ug/L		11/13/24 05:02	12/09/24 07:42	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/13/24 05:02	12/09/24 07:42	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/13/24 05:02	12/09/24 07:42	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/13/24 05:02	12/09/24 07:42	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/13/24 05:02	12/09/24 07:42	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	12/09/24 07:42	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/13/24 05:02	12/09/24 07:42	1
Naphthalene	**0.481**	**J**	0.571	0.0944	ug/L		11/13/24 05:02	12/09/24 07:42	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/13/24 05:02	12/09/24 07:42	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/13/24 05:02	12/09/24 07:42	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/13/24 05:02	12/09/24 07:42	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/13/24 05:02	12/09/24 07:42	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/13/24 05:02	12/09/24 07:42	1
Phenol	**7.92**	**I**	2.86	0.448	ug/L		11/13/24 05:02	12/09/24 07:42	1
Pyrene	**0.229**	**J**	0.571	0.0849	ug/L		11/13/24 05:02	12/09/24 07:42	1
Pyridine	<1.44	U *-	2.86	1.44	ug/L		11/13/24 05:02	12/09/24 07:42	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/13/24 05:02	12/09/24 07:42	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/13/24 05:02	12/09/24 07:42	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/13/24 05:02	12/09/24 07:42	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/13/24 05:02	12/09/24 07:42	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/13/24 05:02	12/09/24 07:42	1
1,1'-Biphenyl	**7.69**		0.571	0.0981	ug/L		11/13/24 05:02	12/09/24 07:42	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/13/24 05:02	12/09/24 07:42	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/13/24 05:02	12/09/24 07:42	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/13/24 05:02	12/09/24 07:42	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/13/24 05:02	12/09/24 07:42	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/13/24 05:02	12/09/24 07:42	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/13/24 05:02	12/09/24 07:42	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/13/24 05:02	12/09/24 07:42	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		11/13/24 05:02	12/09/24 07:42	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/13/24 05:02	12/09/24 07:42	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/13/24 05:02	12/09/24 07:42	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/13/24 05:02	12/09/24 07:42	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/13/24 05:02	12/09/24 07:42	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/13/24 05:02	12/09/24 07:42	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/13/24 05:02	12/09/24 07:42	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/13/24 05:02	12/09/24 07:42	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/13/24 05:02	12/09/24 07:42	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/13/24 05:02	12/09/24 07:42	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		11/13/24 05:02	12/09/24 07:42	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		11/13/24 05:02	12/09/24 07:42	1

Client Sample ID: MW-52-D
Lab Sample ID: 860-86678-7
Date Collected: 11/08/24 09:52
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/13/24 05:02	12/09/24 07:42	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/13/24 05:02	12/09/24 07:42	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/13/24 05:02	12/09/24 07:42	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/13/24 05:02	12/09/24 07:42	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/13/24 05:02	12/09/24 07:42	1
Dimethoate	<0.122	U *+	0.571	0.122	ug/L		11/13/24 05:02	12/09/24 07:42	1
Dinoseb	<0.570	U *+	2.86	0.570	ug/L		11/13/24 05:02	12/09/24 07:42	1
Disulfoton	<0.203	U *+	0.571	0.203	ug/L		11/13/24 05:02	12/09/24 07:42	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/13/24 05:02	12/09/24 07:42	1
Ethyl Parathion	<0.0502	U *+	0.229	0.0502	ug/L		11/13/24 05:02	12/09/24 07:42	1
Famphur	<0.151	U *+	1.14	0.151	ug/L		11/13/24 05:02	12/09/24 07:42	1
Hexachloropropene	<0.300	U *-	0.571	0.300	ug/L		11/13/24 05:02	12/09/24 07:42	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/13/24 05:02	12/09/24 07:42	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/13/24 05:02	12/09/24 07:42	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/13/24 05:02	12/09/24 07:42	1
Methapyrilene	<1.00	U *+	2.29	1.00	ug/L		11/13/24 05:02	12/09/24 07:42	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/13/24 05:02	12/09/24 07:42	1
Methyl parathion	<0.319	U *+	0.571	0.319	ug/L		11/13/24 05:02	12/09/24 07:42	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/13/24 05:02	12/09/24 07:42	1
N-Nitrosodimethylamine	<0.100	U *-	0.571	0.100	ug/L		11/13/24 05:02	12/09/24 07:42	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/13/24 05:02	12/09/24 07:42	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/13/24 05:02	12/09/24 07:42	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/13/24 05:02	12/09/24 07:42	1
N-Nitrosopyrrolidine	<0.268	U *-	0.571	0.268	ug/L		11/13/24 05:02	12/09/24 07:42	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.571	0.138	ug/L		11/13/24 05:02	12/09/24 07:42	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		11/13/24 05:02	12/09/24 07:42	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	12/09/24 07:42	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	12/09/24 07:42	1
Phorate	<0.221	U *+	0.571	0.221	ug/L		11/13/24 05:02	12/09/24 07:42	1
p-Phenylene diamine	<0.500	U *-	1.14	0.500	ug/L		11/13/24 05:02	12/09/24 07:42	1
Pronamide	<0.100	U *+	0.571	0.100	ug/L		11/13/24 05:02	12/09/24 07:42	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/13/24 05:02	12/09/24 07:42	1
Sulfotepp	<0.147	U *+	0.571	0.147	ug/L		11/13/24 05:02	12/09/24 07:42	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/13/24 05:02	12/09/24 07:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*146*	*S1+*	*35 - 130*	*11/13/24 05:02*	*12/09/24 07:42*	*1*
2-Fluorobiphenyl	*95*		*43 - 130*	*11/13/24 05:02*	*12/09/24 07:42*	*1*
2-Fluorophenol (Surr)	*85*		*19 - 120*	*11/13/24 05:02*	*12/09/24 07:42*	*1*
Nitrobenzene-d5 (Surr)	*131*		*37 - 133*	*11/13/24 05:02*	*12/09/24 07:42*	*1*
Phenol-d5 (Surr)	*56*		*8 - 124*	*11/13/24 05:02*	*12/09/24 07:42*	*1*
p-Terphenyl-d14	*142*	*S1+*	*47 - 130*	*11/13/24 05:02*	*12/09/24 07:42*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	**2180**		286	45.5	ug/L		11/13/24 05:02	12/11/24 02:02	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*S1-*	*35 - 130*	*11/13/24 05:02*	*12/11/24 02:02*	*500*
2-Fluorobiphenyl	*166*	*I S1+*	*43 - 130*	*11/13/24 05:02*	*12/11/24 02:02*	*500*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: MW-52-D

Lab Sample ID: 860-86678-7

Date Collected: 11/08/24 09:52
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*117*	*I*	*19 - 120*	*11/13/24 05:02*	*12/11/24 02:02*	*500*
Nitrobenzene-d5 (Surr)	*125*	*I*	*37 - 133*	*11/13/24 05:02*	*12/11/24 02:02*	*500*
Phenol-d5 (Surr)	*163*	*S1+*	*8 - 124*	*11/13/24 05:02*	*12/11/24 02:02*	*500*
p-Terphenyl-d14	*160*	*I S1+*	*47 - 130*	*11/13/24 05:02*	*12/11/24 02:02*	*500*

Client Sample ID: MW-50

Lab Sample ID: 860-86678-8

Date Collected: 11/08/24 10:16
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<6.44	U	10.0	6.44	ug/L			11/12/24 14:28	10
1,1,1-Trichloroethane	<5.85	U	50.0	5.85	ug/L			11/12/24 14:28	10
1,1,2,2-Tetrachloroethane	<4.70	U	10.0	4.70	ug/L			11/12/24 14:28	10
1,1,2-Trichloro-1,2,2-trifluoroethane	<11.1	U *+	100	11.1	ug/L			11/12/24 14:28	10
1,1,2-Trichloroethane	<4.11	U	10.0	4.11	ug/L			11/12/24 14:28	10
1,1-Dichloroethane	<6.35	U	10.0	6.35	ug/L			11/12/24 14:28	10
1,1-Dichloroethene	<7.38	U	10.0	7.38	ug/L			11/12/24 14:28	10
1,2,3-Trichloropropane	<4.70	U	10.0	4.70	ug/L			11/12/24 14:28	10
1,2,4-Trimethylbenzene	<4.17	U	10.0	4.17	ug/L			11/12/24 14:28	10
1,2-Dibromo-3-Chloropropane	<6.71	U	50.0	6.71	ug/L			11/12/24 14:28	10
1,2-Dibromoethane	<9.99	U	50.0	9.99	ug/L			11/12/24 14:28	10
1,2-Dichloroethane	**34.3**		10.0	3.72	ug/L			11/12/24 14:28	10
1,2-Dichloropropane	<5.56	U	50.0	5.56	ug/L			11/12/24 14:28	10
1,3,5-Trimethylbenzene	<4.11	U	10.0	4.11	ug/L			11/12/24 14:28	10
1,3-Butadiene	<5.68	U	10.0	5.68	ug/L			11/12/24 14:28	10
2,2,4-Trimethylpentane	<5.00	U *+	50.0	5.00	ug/L			11/12/24 14:28	10
2-Butanone (MEK)	<82.8	U	500	82.8	ug/L			11/12/24 14:28	10
2-Hexanone (MBK)	<50.0	U	500	50.0	ug/L			11/12/24 14:28	10
2-Propanol	<52.3	U	100	52.3	ug/L			11/12/24 14:28	10
3-Chloropropene (Allyl Chloride)	<5.97	U	50.0	5.97	ug/L			11/12/24 14:28	10
4-Methyl-2-pentanone	<50.0	U	500	50.0	ug/L			11/12/24 14:28	10
Acetone	**163**	**J**	1000	30.7	ug/L			11/12/24 14:28	10
Acetonitrile	<146	U	1000	146	ug/L			11/12/24 14:28	10
Acrolein	<111	U	500	111	ug/L			11/12/24 14:28	10
Acrylonitrile	<143	U	500	143	ug/L			11/12/24 14:28	10
alpha-Chlorotoluene	<22.6	U	50.0	22.6	ug/L			11/12/24 14:28	10
Bromodichloromethane	<5.52	U	10.0	5.52	ug/L			11/12/24 14:28	10
Bromoform	<6.33	U	50.0	6.33	ug/L			11/12/24 14:28	10
Bromomethane	<14.2	U	50.0	14.2	ug/L			11/12/24 14:28	10
Carbon disulfide	<16.5	U	50.0	16.5	ug/L			11/12/24 14:28	10
Carbon tetrachloride	**10.3**	**J**	50.0	8.96	ug/L			11/12/24 14:28	10
Chlorobenzene	<4.55	U	10.0	4.55	ug/L			11/12/24 14:28	10
Chlorodibromomethane	<5.47	U	50.0	5.47	ug/L			11/12/24 14:28	10
Chloroethane	<19.8	U	100	19.8	ug/L			11/12/24 14:28	10
Chloroform	<4.64	U	10.0	4.64	ug/L			11/12/24 14:28	10
Chloromethane	<20.4	U	100	20.4	ug/L			11/12/24 14:28	10
Chloroprene	<5.98	U	50.0	5.98	ug/L			11/12/24 14:28	10
cis-1,2-Dichloroethene	<4.57	U	10.0	4.57	ug/L			11/12/24 14:28	10

Client Sample ID: MW-50
Lab Sample ID: 860-86678-8
Date Collected: 11/08/24 10:16
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<10.7	U	50.0	10.7	ug/L			11/12/24 14:28	10
Cumene (isopropylbenzene)	<5.92	U	10.0	5.92	ug/L			11/12/24 14:28	10
Cyclohexane	<12.9	U	50.0	12.9	ug/L			11/12/24 14:28	10
Dibromomethane	<3.57	U	10.0	3.57	ug/L			11/12/24 14:28	10
Dichlorodifluoromethane	<7.85	U	10.0	7.85	ug/L			11/12/24 14:28	10
Ethyl methacrylate	<11.2	U	50.0	11.2	ug/L			11/12/24 14:28	10
Ethylbenzene	<3.85	U	10.0	3.85	ug/L			11/12/24 14:28	10
Hexane	<5.17	U *+	50.0	5.17	ug/L			11/12/24 14:28	10
Iodomethane	<50.0	U	200	50.0	ug/L			11/12/24 14:28	10
Isobutanol	<171	U	500	171	ug/L			11/12/24 14:28	10
Methacrylonitrile	<27.2	U	100	27.2	ug/L			11/12/24 14:28	10
Methyl methacrylate	<22.5	U	100	22.5	ug/L			11/12/24 14:28	10
Methyl tert-butyl ether	<13.9	U	50.0	13.9	ug/L			11/12/24 14:28	10
Methylene Chloride	<17.3	U	50.0	17.3	ug/L			11/12/24 14:28	10
Propionitrile	<33.4	U	100	33.4	ug/L			11/12/24 14:28	10
Propylbenzene	<4.29	U	10.0	4.29	ug/L			11/12/24 14:28	10
Styrene	<6.19	U	10.0	6.19	ug/L			11/12/24 14:28	10
Tetrachloroethene	<6.55	U	10.0	6.55	ug/L			11/12/24 14:28	10
Tetrahydrofuran	**1290**		100	18.3	ug/L			11/12/24 14:28	10
Toluene	**118**		10.0	4.75	ug/L			11/12/24 14:28	10
trans-1,2-Dichloroethene	<3.68	U	10.0	3.68	ug/L			11/12/24 14:28	10
trans-1,3-Dichloropropene	<12.7	U	50.0	12.7	ug/L			11/12/24 14:28	10
trans-1,4-Dichloro-2-butene	<13.5	U	100	13.5	ug/L			11/12/24 14:28	10
Trichloroethene	<15.0	U	50.0	15.0	ug/L			11/12/24 14:28	10
Trichlorofluoromethane	<5.60	U	10.0	5.60	ug/L			11/12/24 14:28	10
Vinyl acetate	<21.4	U	200	21.4	ug/L			11/12/24 14:28	10
Vinyl chloride	<4.28	U	20.0	4.28	ug/L			11/12/24 14:28	10
Xylenes, Total	<12.4	U	100	12.4	ug/L			11/12/24 14:28	10
m,p-Xylenes	<0.0124	U	0.100	0.0124	mg/L			11/12/24 14:28	10
o-Xylene	<0.00502	U	0.0100	0.00502	mg/L			11/12/24 14:28	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*11/12/24 14:28*	*10*
4-Bromofluorobenzene (Surr)	*89*		*74 - 124*		*11/12/24 14:28*	*10*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*11/12/24 14:28*	*10*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/12/24 14:28*	*10*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1290**		50.0	23.0	ug/L			11/12/24 20:55	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*63 - 144*		*11/12/24 20:55*	*50*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*		*11/12/24 20:55*	*50*
Dibromofluoromethane (Surr)	*107*		*75 - 131*		*11/12/24 20:55*	*50*
Toluene-d8 (Surr)	*96*		*80 - 120*		*11/12/24 20:55*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0767	U	0.572	0.0767	ug/L		11/13/24 05:02	12/09/24 08:13	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: MW-50
Date Collected: 11/08/24 10:16
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-8
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	**0.278**	**J**	0.572	0.0942	ug/L		11/13/24 05:02	12/09/24 08:13	1
1,3-Dichlorobenzene	<0.102	U	0.572	0.102	ug/L		11/13/24 05:02	12/09/24 08:13	1
1,4-Dichlorobenzene	<0.0780	U	0.572	0.0780	ug/L		11/13/24 05:02	12/09/24 08:13	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		11/13/24 05:02	12/09/24 08:13	1
2,4,5-Trichlorophenol	<0.143	U	0.572	0.143	ug/L		11/13/24 05:02	12/09/24 08:13	1
2,4,6-Trichlorophenol	<0.231	U	0.572	0.231	ug/L		11/13/24 05:02	12/09/24 08:13	1
2,4-Dichlorophenol	<0.140	U	0.572	0.140	ug/L		11/13/24 05:02	12/09/24 08:13	1
2,4-Dimethylphenol	<0.192	U *+	0.572	0.192	ug/L		11/13/24 05:02	12/09/24 08:13	1
1,4-Dioxane	**5.27**		0.572	0.0891	ug/L		11/13/24 05:02	12/09/24 08:13	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/13/24 05:02	12/09/24 08:13	1
2,4-Dinitrotoluene	<0.205	U	0.572	0.205	ug/L		11/13/24 05:02	12/09/24 08:13	1
2,6-Dinitrotoluene	<0.116	U	0.572	0.116	ug/L		11/13/24 05:02	12/09/24 08:13	1
2-Chloronaphthalene	<0.379	U	0.572	0.379	ug/L		11/13/24 05:02	12/09/24 08:13	1
2-Methylnaphthalene	**2.00**		0.572	0.0603	ug/L		11/13/24 05:02	12/09/24 08:13	1
2-Methylphenol	**0.681**		0.572	0.105	ug/L		11/13/24 05:02	12/09/24 08:13	1
2-Nitroaniline	<0.149	U	0.572	0.149	ug/L		11/13/24 05:02	12/09/24 08:13	1
2-Nitrophenol	<0.136	U	0.572	0.136	ug/L		11/13/24 05:02	12/09/24 08:13	1
3 & 4 Methylphenol	**3.86**		0.572	0.139	ug/L		11/13/24 05:02	12/09/24 08:13	1
3-Nitroaniline	<0.0854	U	0.572	0.0854	ug/L		11/13/24 05:02	12/09/24 08:13	1
4,6-Dinitro-2-methylphenol	<0.202	U	1.14	0.202	ug/L		11/13/24 05:02	12/09/24 08:13	1
4-Bromophenyl phenyl ether	<0.100	U	0.572	0.100	ug/L		11/13/24 05:02	12/09/24 08:13	1
4-Chloro-3-methylphenol	<0.104	U	0.572	0.104	ug/L		11/13/24 05:02	12/09/24 08:13	1
4-Chloroaniline	**0.0399**	**J**	0.572	0.0386	ug/L		11/13/24 05:02	12/09/24 08:13	1
4-Chlorophenyl phenyl ether	<0.131	U	0.572	0.131	ug/L		11/13/24 05:02	12/09/24 08:13	1
4-Nitroaniline	<0.109	U	0.572	0.109	ug/L		11/13/24 05:02	12/09/24 08:13	1
Acenaphthene	<0.108	U	0.572	0.108	ug/L		11/13/24 05:02	12/09/24 08:13	1
Acenaphthylene	**0.220**	**J**	0.572	0.0998	ug/L		11/13/24 05:02	12/09/24 08:13	1
Aniline	<0.0580	U	0.572	0.0580	ug/L		11/13/24 05:02	12/09/24 08:13	1
Anthracene	<0.0939	U	0.572	0.0939	ug/L		11/13/24 05:02	12/09/24 08:13	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/13/24 05:02	12/09/24 08:13	1
Benzo[a]pyrene	<0.0300	U	0.0572	0.0300	ug/L		11/13/24 05:02	12/09/24 08:13	1
Benzo[b]fluoranthene	<0.0665	U	0.572	0.0665	ug/L		11/13/24 05:02	12/09/24 08:13	1
Benzo[g,h,i]perylene	<0.0346	U	0.572	0.0346	ug/L		11/13/24 05:02	12/09/24 08:13	1
Benzo[k]fluoranthene	<0.0473	U	0.572	0.0473	ug/L		11/13/24 05:02	12/09/24 08:13	1
Benzyl alcohol	**1.38**	**I *-**	1.14	0.601	ug/L		11/13/24 05:02	12/09/24 08:13	1
Bis(2-chloroethoxy)methane	<0.0976	U	0.572	0.0976	ug/L		11/13/24 05:02	12/09/24 08:13	1
Bis(2-chloroethyl)ether	<0.215	U *+	0.572	0.215	ug/L		11/13/24 05:02	12/09/24 08:13	1
Bis(2-ethylhexyl) phthalate	<0.901	U	1.14	0.901	ug/L		11/13/24 05:02	12/09/24 08:13	1
Butyl benzyl phthalate	<0.501	U	1.14	0.501	ug/L		11/13/24 05:02	12/09/24 08:13	1
Chrysene	<0.0817	U	0.572	0.0817	ug/L		11/13/24 05:02	12/09/24 08:13	1
Dibenz(a,h)anthracene	<0.0510	U	0.114	0.0510	ug/L		11/13/24 05:02	12/09/24 08:13	1
Dibenzofuran	**6.44**		0.572	0.107	ug/L		11/13/24 05:02	12/09/24 08:13	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/13/24 05:02	12/09/24 08:13	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/13/24 05:02	12/09/24 08:13	1
Di-n-butyl phthalate	<0.766	U	1.14	0.766	ug/L		11/13/24 05:02	12/09/24 08:13	1
Di-n-octyl phthalate	<0.270	U	1.14	0.270	ug/L		11/13/24 05:02	12/09/24 08:13	1
Fluoranthene	<0.0884	U	0.572	0.0884	ug/L		11/13/24 05:02	12/09/24 08:13	1
Fluorene	**0.258**	**J**	0.572	0.0950	ug/L		11/13/24 05:02	12/09/24 08:13	1
Hexachlorobenzene	<0.0976	U	0.572	0.0976	ug/L		11/13/24 05:02	12/09/24 08:13	1

Client: Ashland LLC
Job ID: 860-86678-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: MW-50
Lab Sample ID: 860-86678-8
Date Collected: 11/08/24 10:16
Matrix: Water
Date Received: 11/09/24 08:53

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.103	U	0.572	0.103	ug/L		11/13/24 05:02	12/09/24 08:13	1
Hexachlorocyclopentadiene	<0.0513	U	0.572	0.0513	ug/L		11/13/24 05:02	12/09/24 08:13	1
Hexachloroethane	<0.102	U	0.572	0.102	ug/L		11/13/24 05:02	12/09/24 08:13	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.572	0.100	ug/L		11/13/24 05:02	12/09/24 08:13	1
Isophorone	<0.107	U	0.572	0.107	ug/L		11/13/24 05:02	12/09/24 08:13	1
Nitrobenzene	<0.0737	U	0.572	0.0737	ug/L		11/13/24 05:02	12/09/24 08:13	1
N-Nitrosodi-n-propylamine	<0.119	U	0.572	0.119	ug/L		11/13/24 05:02	12/09/24 08:13	1
N-Nitrosodiphenylamine	<0.145	U	0.572	0.145	ug/L		11/13/24 05:02	12/09/24 08:13	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/13/24 05:02	12/09/24 08:13	1
Phenanthrene	<0.134	U	0.572	0.134	ug/L		11/13/24 05:02	12/09/24 08:13	1
Phenol	**3.65**	**I**	2.86	0.449	ug/L		11/13/24 05:02	12/09/24 08:13	1
Pyrene	<0.0850	U	0.572	0.0850	ug/L		11/13/24 05:02	12/09/24 08:13	1
Pyridine	<1.44	U *-	2.86	1.44	ug/L		11/13/24 05:02	12/09/24 08:13	1
N-Nitro-o-toluidine	<0.521	U	1.14	0.521	ug/L		11/13/24 05:02	12/09/24 08:13	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.572	0.211	ug/L		11/13/24 05:02	12/09/24 08:13	1
Acetophenone	**2.06**		1.14	0.625	ug/L		11/13/24 05:02	12/09/24 08:13	1
N-Nitrosopiperidine	<0.468	U	1.14	0.468	ug/L		11/13/24 05:02	12/09/24 08:13	1
Pentachlorobenzene	<0.266	U	0.572	0.266	ug/L		11/13/24 05:02	12/09/24 08:13	1
4-Aminobiphenyl	<0.395	U	0.572	0.395	ug/L		11/13/24 05:02	12/09/24 08:13	1
1,2,4,5-Tetrachlorobenzene	<0.0959	U	0.572	0.0959	ug/L		11/13/24 05:02	12/09/24 08:13	1
1,3,5-Trinitrobenzene	<0.119	U	0.572	0.119	ug/L		11/13/24 05:02	12/09/24 08:13	1
1,3-Dinitrobenzene	<0.0774	U	0.572	0.0774	ug/L		11/13/24 05:02	12/09/24 08:13	1
1,4-Naphthoquinone	<0.315	U	0.572	0.315	ug/L		11/13/24 05:02	12/09/24 08:13	1
1-Naphthylamine	<0.149	U	0.572	0.149	ug/L		11/13/24 05:02	12/09/24 08:13	1
2,6-Dichlorophenol	<0.118	U	0.572	0.118	ug/L		11/13/24 05:02	12/09/24 08:13	1
2-Acetylaminofluorene	<1.27	U	2.86	1.27	ug/L		11/13/24 05:02	12/09/24 08:13	1
2-Chlorophenol	<0.0757	U	0.572	0.0757	ug/L		11/13/24 05:02	12/09/24 08:13	1
2-Naphthylamine	<0.288	U	0.572	0.288	ug/L		11/13/24 05:02	12/09/24 08:13	1
2-Picoline	<0.123	U	0.572	0.123	ug/L		11/13/24 05:02	12/09/24 08:13	1
2-Toluidine	<0.306	U	0.572	0.306	ug/L		11/13/24 05:02	12/09/24 08:13	1
3,3'-Dichlorobenzidine	<0.183	U	0.572	0.183	ug/L		11/13/24 05:02	12/09/24 08:13	1
3,3'-Dimethylbenzidine	<0.142	U	0.572	0.142	ug/L		11/13/24 05:02	12/09/24 08:13	1
3-Methylcholanthrene	<0.104	U	0.572	0.104	ug/L		11/13/24 05:02	12/09/24 08:13	1
4-Nitroquinoline-1-oxide	<0.731	U	1.14	0.731	ug/L		11/13/24 05:02	12/09/24 08:13	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.572	0.241	ug/L		11/13/24 05:02	12/09/24 08:13	1
alpha,alpha-Dimethyl phenethylamine	<3.68	U	5.72	3.68	ug/L		11/13/24 05:02	12/09/24 08:13	1
Aramite Peak 1	<0.0786	U	0.572	0.0786	ug/L		11/13/24 05:02	12/09/24 08:13	1
Aramite Peak 2	<0.0955	U	0.572	0.0955	ug/L		11/13/24 05:02	12/09/24 08:13	1
Aramite, Total	<0.0955	U	0.572	0.0955	ug/L		11/13/24 05:02	12/09/24 08:13	1
Diallate	<0.0836	U	0.572	0.0836	ug/L		11/13/24 05:02	12/09/24 08:13	1
Diallate Peak 1	<0.0836	U	0.572	0.0836	ug/L		11/13/24 05:02	12/09/24 08:13	1
Diallate Peak 2	<0.0386	U	0.572	0.0386	ug/L		11/13/24 05:02	12/09/24 08:13	1
Dimethoate	<0.122	U *+	0.572	0.122	ug/L		11/13/24 05:02	12/09/24 08:13	1
Dinoseb	<0.570	U *+	2.86	0.570	ug/L		11/13/24 05:02	12/09/24 08:13	1
Disulfoton	<0.203	U *+	0.572	0.203	ug/L		11/13/24 05:02	12/09/24 08:13	1
Ethyl methanesulfonate	<0.227	U	0.572	0.227	ug/L		11/13/24 05:02	12/09/24 08:13	1
Ethyl Parathion	<0.0503	U *+	0.229	0.0503	ug/L		11/13/24 05:02	12/09/24 08:13	1
Famphur	<0.151	U *+	1.14	0.151	ug/L		11/13/24 05:02	12/09/24 08:13	1
Hexachloropropene	<0.300	U *-	0.572	0.300	ug/L		11/13/24 05:02	12/09/24 08:13	1

Client Sample ID: MW-50
Date Collected: 11/08/24 10:16
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-8
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isosafrole	<0.241	U	0.572	0.241	ug/L		11/13/24 05:02	12/09/24 08:13	1
Isosafrole Peak 1	<0.0464	U	0.572	0.0464	ug/L		11/13/24 05:02	12/09/24 08:13	1
Isosafrole Peak 2	<0.241	U	0.572	0.241	ug/L		11/13/24 05:02	12/09/24 08:13	1
Methapyrilene	<1.00	U *+	2.29	1.00	ug/L		11/13/24 05:02	12/09/24 08:13	1
Methyl methanesulfonate	<0.120	U	0.572	0.120	ug/L		11/13/24 05:02	12/09/24 08:13	1
Methyl parathion	<0.320	U *+	0.572	0.320	ug/L		11/13/24 05:02	12/09/24 08:13	1
N-Nitrosodiethylamine	<0.539	U	1.14	0.539	ug/L		11/13/24 05:02	12/09/24 08:13	1
N-Nitrosodimethylamine	<0.100	U *-	0.572	0.100	ug/L		11/13/24 05:02	12/09/24 08:13	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/13/24 05:02	12/09/24 08:13	1
N-Nitrosomethylethylamine	<0.294	U	0.572	0.294	ug/L		11/13/24 05:02	12/09/24 08:13	1
N-Nitrosomorpholine	<0.221	U	0.572	0.221	ug/L		11/13/24 05:02	12/09/24 08:13	1
N-Nitrosopyrrolidine	<0.268	U *-	0.572	0.268	ug/L		11/13/24 05:02	12/09/24 08:13	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.572	0.138	ug/L		11/13/24 05:02	12/09/24 08:13	1
p-Dimethylamino azobenzene	<0.0238	U	0.572	0.0238	ug/L		11/13/24 05:02	12/09/24 08:13	1
Pentachloronitrobenzene	<0.100	U	0.572	0.100	ug/L		11/13/24 05:02	12/09/24 08:13	1
Phenacetin	<0.100	U	0.572	0.100	ug/L		11/13/24 05:02	12/09/24 08:13	1
Phorate	<0.222	U *+	0.572	0.222	ug/L		11/13/24 05:02	12/09/24 08:13	1
p-Phenylene diamine	<0.501	U *-	1.14	0.501	ug/L		11/13/24 05:02	12/09/24 08:13	1
Pronamide	<0.100	U *+	0.572	0.100	ug/L		11/13/24 05:02	12/09/24 08:13	1
Safrole, Total	<0.0572	U	0.572	0.0572	ug/L		11/13/24 05:02	12/09/24 08:13	1
Sulfotepp	<0.147	U *+	0.572	0.147	ug/L		11/13/24 05:02	12/09/24 08:13	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/13/24 05:02	12/09/24 08:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*154*	*S1+*	*35 - 130*	*11/13/24 05:02*	*12/09/24 08:13*	*1*
2-Fluorobiphenyl	*96*		*43 - 130*	*11/13/24 05:02*	*12/09/24 08:13*	*1*
2-Fluorophenol (Surr)	*78*		*19 - 120*	*11/13/24 05:02*	*12/09/24 08:13*	*1*
Nitrobenzene-d5 (Surr)	*129*		*37 - 133*	*11/13/24 05:02*	*12/09/24 08:13*	*1*
Phenol-d5 (Surr)	*51*		*8 - 124*	*11/13/24 05:02*	*12/09/24 08:13*	*1*
p-Terphenyl-d14	*147*	*S1+*	*47 - 130*	*11/13/24 05:02*	*12/09/24 08:13*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**22.0**		5.72	0.946	ug/L		11/13/24 05:02	12/09/24 23:08	10
Diphenyl ether	**13100**		572	91.1	ug/L		11/13/24 05:02	12/11/24 02:31	1000
1,1'-Biphenyl	**4070**		572	98.3	ug/L		11/13/24 05:02	12/11/24 02:31	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*35 - 130*	*11/13/24 05:02*	*12/09/24 23:08*	*10*
2,4,6-Tribromophenol (Surr)	*0*	*S1-*	*35 - 130*	*11/13/24 05:02*	*12/11/24 02:31*	*1000*
2-Fluorobiphenyl	*90*		*43 - 130*	*11/13/24 05:02*	*12/09/24 23:08*	*10*
2-Fluorobiphenyl	*126*	*I*	*43 - 130*	*11/13/24 05:02*	*12/11/24 02:31*	*1000*
2-Fluorophenol (Surr)	*67*		*19 - 120*	*11/13/24 05:02*	*12/09/24 23:08*	*10*
2-Fluorophenol (Surr)	*128*	*I S1+*	*19 - 120*	*11/13/24 05:02*	*12/11/24 02:31*	*1000*
Nitrobenzene-d5 (Surr)	*88*		*37 - 133*	*11/13/24 05:02*	*12/09/24 23:08*	*10*
Nitrobenzene-d5 (Surr)	*0*	*S1-*	*37 - 133*	*11/13/24 05:02*	*12/11/24 02:31*	*1000*
Phenol-d5 (Surr)	*55*		*8 - 124*	*11/13/24 05:02*	*12/09/24 23:08*	*10*
Phenol-d5 (Surr)	*1666*	*I S1+*	*8 - 124*	*11/13/24 05:02*	*12/11/24 02:31*	*1000*
p-Terphenyl-d14	*147*	*S1+*	*47 - 130*	*11/13/24 05:02*	*12/09/24 23:08*	*10*
p-Terphenyl-d14	*180*	*S1+*	*47 - 130*	*11/13/24 05:02*	*12/11/24 02:31*	*1000*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: FB-04
Date Collected: 11/08/24 10:16
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 11:23	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 11:23	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 11:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U *+	10.0	1.11	ug/L			11/12/24 11:23	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 11:23	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 11:23	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 11:23	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 11:23	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 11:23	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 11:23	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 11:23	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 11:23	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 11:23	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 11:23	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 11:23	1
2,2,4-Trimethylpentane	<0.500	U *+	5.00	0.500	ug/L			11/12/24 11:23	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 11:23	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 11:23	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/12/24 11:23	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 11:23	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 11:23	1
Acetone	**15.6**	**J**	100	3.07	ug/L			11/12/24 11:23	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 11:23	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 11:23	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 11:23	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 11:23	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/12/24 11:23	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 11:23	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 11:23	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/12/24 11:23	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 11:23	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 11:23	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 11:23	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 11:23	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 11:23	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 11:23	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 11:23	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 11:23	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 11:23	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/12/24 11:23	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 11:23	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 11:23	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 11:23	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 11:23	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/12/24 11:23	1
Hexane	<0.517	U *+	5.00	0.517	ug/L			11/12/24 11:23	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 11:23	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/12/24 11:23	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 11:23	1

Client Sample ID: FB-04

Lab Sample ID: 860-86678-9

Date Collected: 11/08/24 10:16

Matrix: Water

Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 11:23	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 11:23	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/12/24 11:23	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 11:23	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 11:23	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 11:23	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 11:23	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 11:23	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 11:23	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 11:23	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 11:23	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 11:23	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 11:23	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 11:23	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 11:23	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 11:23	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 11:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 144*		*11/12/24 11:23*	*1*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*		*11/12/24 11:23*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/12/24 11:23*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/12/24 11:23*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 16:08	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 16:08	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*11/12/24 16:08*	*1*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*11/12/24 16:08*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*11/12/24 16:08*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*11/12/24 16:08*	*1*

Client Sample ID: TB-04 (110824)

Lab Sample ID: 860-86678-10

Date Collected: 11/08/24 00:00

Matrix: Water

Date Received: 11/09/24 08:53

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 11:44	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 11:44	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 11:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U *+	10.0	1.11	ug/L			11/12/24 11:44	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 11:44	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 11:44	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 11:44	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 11:44	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 11:44	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: TB-04 (110824)
Date Collected: 11/08/24 00:00
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 11:44	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 11:44	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 11:44	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 11:44	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 11:44	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 11:44	1
2,2,4-Trimethylpentane	<0.500	U *+	5.00	0.500	ug/L			11/12/24 11:44	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 11:44	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 11:44	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/12/24 11:44	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 11:44	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 11:44	1
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 11:44	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 11:44	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 11:44	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 11:44	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 11:44	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/12/24 11:44	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 11:44	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 11:44	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/12/24 11:44	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 11:44	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 11:44	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 11:44	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 11:44	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 11:44	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 11:44	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 11:44	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 11:44	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 11:44	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 11:44	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/12/24 11:44	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 11:44	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 11:44	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 11:44	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 11:44	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/12/24 11:44	1
Hexane	<0.517	U *+	5.00	0.517	ug/L			11/12/24 11:44	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 11:44	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/12/24 11:44	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 11:44	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 11:44	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 11:44	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 11:44	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 11:44	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 11:44	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 11:44	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 11:44	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 11:44	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: TB-04 (110824)
Date Collected: 11/08/24 00:00
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 11:44	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 11:44	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 11:44	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 11:44	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 11:44	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 11:44	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 11:44	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 11:44	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 11:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*11/12/24 11:44*	*1*
4-Bromofluorobenzene (Surr)	*90*		*74 - 124*		*11/12/24 11:44*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*11/12/24 11:44*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/12/24 11:44*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	**2.69**	**J**	5.00	1.73	ug/L			11/12/24 16:28	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*63 - 144*		*11/12/24 16:28*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*11/12/24 16:28*	*1*
Dibromofluoromethane (Surr)	*116*		*75 - 131*		*11/12/24 16:28*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*11/12/24 16:28*	*1*

Surrogate Summary

Client: Ashland LLC
Job ID: 860-86678-1
Project/Site: Hercules Hattiesburg, MS

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
860-85841-A-5 MS - DL	Matrix Spike	95	97	101	95
860-86599-F-2 MS	Matrix Spike	89	98	96	102
860-86678-1	MW-54	98	89	101	98
860-86678-2	MW-75	98	91	101	98
860-86678-3	RB-04	98	94	102	97
860-86678-4	MW-52-S	98	94	101	98
860-86678-4 - RA	MW-52-S	121	102	118	96
860-86678-5	MW-73	94	89	101	96
860-86678-6	DUPE-04	99	93	99	98
860-86678-7	MW-52-D	98	95	103	99
860-86678-7 - RA	MW-52-D	114	104	106	93
860-86678-8	MW-50	93	89	99	98
860-86678-8 - DL	MW-50	119	95	107	96
860-86678-9	FB-04	96	95	101	98
860-86678-9 - RA	FB-04	105	105	104	94
860-86678-10	TB-04 (110824)	93	90	98	97
860-86678-10 - RA	TB-04 (110824)	113	100	116	91
LCS 860-199119/3	Lab Control Sample	90	98	99	101
LCS 860-199255/3	Lab Control Sample	86	101	89	95
LCSD 860-199119/4	Lab Control Sample Dup	89	96	97	102
LCSD 860-199255/4	Lab Control Sample Dup	86	101	88	96
MB 860-199119/9	Method Blank	95	93	99	97
MB 860-199255/8	Method Blank	100	103	100	94

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(35-130)	(43-130)	(19-120)	(37-133)	(8-124)	(47-130)
860-86678-1	MW-54	116	112	69	136 S1+	39	127
860-86678-2	MW-75	116	115	61	137 S1+	34	87
860-86678-3	RB-04	105	119	63	131	37	146 S1+
860-86678-4	MW-52-S	128	93	80	128	52	134 S1+
860-86678-4 - DL	MW-52-S	0 S1-	205 S1+	111	0 S1-	0 S1-	146 S1+
860-86678-5	MW-73	169 S1+	83	75	134 S1+	53	145 S1+
860-86678-5 - DL	MW-73	73	82	71	101	57 I	122
860-86678-5 - DL2	MW-73	0 S1-	193 I S1+	110 I	169 I S1+	486 I S1+	147 S1+
860-86678-6	DUPE-04	156 S1+	88	94	139 S1+	73	150 S1+
860-86678-6 - DL	DUPE-04	103	121	97	144 S1+	119	186 S1+
860-86678-6 - DL2	DUPE-04	0 S1-	129	104 I	141 I S1+	189 I S1+	123 I
860-86678-7	MW-52-D	146 S1+	95	85	131	56	142 S1+
860-86678-7 - DL	MW-52-D	0 S1-	166 I S1+	117 I	125 I	163 S1+	160 I S1+
860-86678-8	MW-50	154 S1+	96	78	129	51	147 S1+

Surrogate Summary

Client: Ashland LLC
Job ID: 860-86678-1
Project/Site: Hercules Hattiesburg, MS

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPHd14		
Lab Sample ID	Client Sample ID	(35-130)	(43-130)	(19-120)	(37-133)	(8-124)	(47-130)		
860-86678-8 - DL	MW-50	80	90	67	88	55	147 S1+		
860-86678-8 - DL	MW-50	0 S1-	126 I	128 I S1+	0 S1-	1666 I S1+	180 S1+		
LCS 860-199383/2-A	Lab Control Sample	100	110	47	106	31	122		
LCS 860-199383/4-A	Lab Control Sample	101	106	54	98	40	103		
LCSD 860-199383/3-A	Lab Control Sample Dup	114	110	52	111	33	122		
LCSD 860-199383/5-A	Lab Control Sample Dup	116	111	51	107	37	113		
MB 860-199383/1-A	Method Blank	91	112	44	99	28	130		

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-199119/9
Matrix: Water
Analysis Batch: 199119

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 10:01	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 10:01	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 10:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/12/24 10:01	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 10:01	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 10:01	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 10:01	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 10:01	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 10:01	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 10:01	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 10:01	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 10:01	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 10:01	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 10:01	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 10:01	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/12/24 10:01	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 10:01	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 10:01	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/12/24 10:01	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 10:01	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 10:01	1
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 10:01	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 10:01	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 10:01	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 10:01	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 10:01	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/12/24 10:01	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 10:01	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 10:01	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/12/24 10:01	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 10:01	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 10:01	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 10:01	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 10:01	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 10:01	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 10:01	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 10:01	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 10:01	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 10:01	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 10:01	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/12/24 10:01	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 10:01	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 10:01	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 10:01	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 10:01	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/12/24 10:01	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/12/24 10:01	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 10:01	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-199119/9
Matrix: Water
Analysis Batch: 199119

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/12/24 10:01	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 10:01	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 10:01	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 10:01	1
Methylene Chloride	4.185	J	5.00	1.73	ug/L			11/12/24 10:01	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 10:01	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 10:01	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 10:01	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 10:01	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 10:01	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 10:01	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 10:01	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 10:01	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 10:01	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 10:01	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 10:01	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 10:01	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 10:01	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 10:01	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 10:01	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 10:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*63 - 144*		*11/12/24 10:01*	*1*
4-Bromofluorobenzene (Surr)	*93*		*74 - 124*		*11/12/24 10:01*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*11/12/24 10:01*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/12/24 10:01*	*1*

Lab Sample ID: LCS 860-199119/3
Matrix: Water
Analysis Batch: 199119

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	51.80		ug/L		104	72 - 125
1,1,1-Trichloroethane	50.0	53.95		ug/L		108	70 - 130
1,1,2,2-Tetrachloroethane	50.0	47.28		ug/L		95	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	70.63	*+	ug/L		141	60 - 140
1,1,2-Trichloroethane	50.0	52.74		ug/L		105	75 - 130
1,1-Dichloroethane	50.0	52.27		ug/L		105	71 - 130
1,1-Dichloroethene	50.0	59.11		ug/L		118	50 - 150
1,2,3-Trichloropropane	50.0	48.32		ug/L		97	75 - 125
1,2,4-Trimethylbenzene	50.0	51.66		ug/L		103	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	51.75		ug/L		104	59 - 125
1,2-Dibromoethane	50.0	53.71		ug/L		107	73 - 125
1,2-Dichloroethane	50.0	45.84		ug/L		92	72 - 130
1,2-Dichloropropane	50.0	50.09		ug/L		100	74 - 125
1,3,5-Trimethylbenzene	50.0	52.74		ug/L		105	60 - 140
1,3-Butadiene	50.0	55.30		ug/L		111	60 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-199119/3
Matrix: Water
Analysis Batch: 199119

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,2,4-Trimethylpentane	50.0	66.87	*+	ug/L		134	70 - 130
2-Butanone (MEK)	250	271.3		ug/L		109	60 - 140
2-Hexanone (MBK)	250	246.2		ug/L		98	60 - 140
2-Propanol	500	436.8		ug/L		87	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	57.54		ug/L		115	70 - 130
4-Methyl-2-pentanone	250	238.8		ug/L		96	60 - 140
Acetone	250	222.5		ug/L		89	60 - 140
Acetonitrile	500	470.4		ug/L		94	60 - 140
Acrolein	250	235.8		ug/L		94	60 - 140
Acrylonitrile	500	487.1		ug/L		97	60 - 140
alpha-Chlorotoluene	50.0	56.50		ug/L		113	75 - 125
Benzene	50.0	52.63		ug/L		105	75 - 125
Bromodichloromethane	50.0	49.46		ug/L		99	75 - 125
Bromoform	50.0	51.34		ug/L		103	70 - 130
Bromomethane	50.0	48.15		ug/L		96	60 - 140
Carbon disulfide	50.0	57.29		ug/L		115	60 - 140
Carbon tetrachloride	50.0	56.08		ug/L		112	70 - 125
Chlorobenzene	50.0	54.02		ug/L		108	82 - 135
Chlorodibromomethane	50.0	51.34		ug/L		103	73 - 125
Chloroethane	50.0	49.91		ug/L		100	60 - 140
Chloroform	50.0	52.53		ug/L		105	70 - 121
Chloromethane	50.0	45.92		ug/L		92	60 - 140
Chloroprene	50.0	53.97		ug/L		108	70 - 130
cis-1,2-Dichloroethene	50.0	51.77		ug/L		104	75 - 125
cis-1,3-Dichloropropene	50.0	51.82		ug/L		104	74 - 125
Cumene (isopropylbenzene)	50.0	56.85		ug/L		114	75 - 125
Cyclohexane	50.0	62.84		ug/L		126	70 - 130
Dibromomethane	50.0	50.50		ug/L		101	69 - 127
Dichlorodifluoromethane	50.0	53.86		ug/L		108	50 - 150
Ethyl methacrylate	50.0	52.46		ug/L		105	70 - 130
Ethylbenzene	50.0	56.92		ug/L		114	75 - 125
Hexane	50.0	63.73	*+	ug/L		127	72 - 125
Iodomethane	50.0	56.61		ug/L		113	75 - 125
Isobutanol	1240	1115		ug/L		90	60 - 140
Methacrylonitrile	500	511.3		ug/L		102	70 - 130
Methyl methacrylate	100	101.2		ug/L		101	70 - 130
Methyl tert-butyl ether	50.0	47.90		ug/L		96	65 - 135
Methylene Chloride	50.0	48.72		ug/L		97	71 - 125
Propionitrile	500	482.2		ug/L		96	70 - 130
Propylbenzene	50.0	55.08		ug/L		110	75 - 125
Styrene	50.0	56.18		ug/L		112	75 - 125
Tetrachloroethene	50.0	61.78		ug/L		124	71 - 125
Tetrahydrofuran	100	94.77		ug/L		95	75 - 125
Toluene	50.0	55.79		ug/L		112	75 - 130
trans-1,2-Dichloroethene	50.0	57.80		ug/L		116	75 - 125
trans-1,3-Dichloropropene	50.0	52.34		ug/L		105	66 - 125
trans-1,4-Dichloro-2-butene	50.0	50.59		ug/L		101	70 - 130
Trichloroethene	50.0	56.65		ug/L		113	75 - 135
Trichlorofluoromethane	50.0	55.21		ug/L		110	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-199119/3
Matrix: Water
Analysis Batch: 199119

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Vinyl acetate			250	282.0		ug/L		113	60 - 140		
Vinyl chloride			50.0	52.21		ug/L		104	60 - 140		
Xylenes, Total			100	111.2		ug/L		111	75 - 125		
m,p-Xylenes			0.0500	0.05731		mg/L		115	75 - 125		
o-Xylene			0.0500	0.05388		mg/L		108	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 144*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 860-199119/4
Matrix: Water
Analysis Batch: 199119

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	51.63		ug/L		103	72 - 125	0	25
1,1,1-Trichloroethane			50.0	52.15		ug/L		104	70 - 130	3	25
1,1,2,2-Tetrachloroethane			50.0	46.23		ug/L		92	74 - 125	2	25
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	70.66	*+	ug/L		141	60 - 140	0	25
1,1,2-Trichloroethane			50.0	51.04		ug/L		102	75 - 130	3	25
1,1-Dichloroethane			50.0	50.29		ug/L		101	71 - 130	4	25
1,1-Dichloroethene			50.0	57.86		ug/L		116	50 - 150	2	25
1,2,3-Trichloropropane			50.0	47.20		ug/L		94	75 - 125	2	25
1,2,4-Trimethylbenzene			50.0	54.13		ug/L		108	75 - 125	5	25
1,2-Dibromo-3-Chloropropane			50.0	52.05		ug/L		104	59 - 125	1	25
1,2-Dibromoethane			50.0	51.86		ug/L		104	73 - 125	4	25
1,2-Dichloroethane			50.0	44.72		ug/L		89	72 - 130	2	25
1,2-Dichloropropane			50.0	49.66		ug/L		99	74 - 125	1	25
1,3,5-Trimethylbenzene			50.0	54.30		ug/L		109	60 - 140	3	25
1,3-Butadiene			50.0	53.61		ug/L		107	60 - 150	3	25
2,2,4-Trimethylpentane			50.0	67.85	*+	ug/L		136	70 - 130	1	25
2-Butanone (MEK)			250	239.6		ug/L		96	60 - 140	12	25
2-Hexanone (MBK)			250	223.7		ug/L		89	60 - 140	10	25
2-Propanol			500	392.4		ug/L		78	70 - 120	11	25
3-Chloropropene (Allyl Chloride)			50.0	52.09		ug/L		104	70 - 130	10	25
4-Methyl-2-pentanone			250	219.3		ug/L		88	60 - 140	9	25
Acetone			250	203.5		ug/L		81	60 - 140	9	25
Acetonitrile			500	440.2		ug/L		88	60 - 140	7	25
Acrolein			250	210.4		ug/L		84	60 - 140	11	25
Acrylonitrile			500	444.8		ug/L		89	60 - 140	9	25
alpha-Chlorotoluene			50.0	55.09		ug/L		110	75 - 125	3	25
Benzene			50.0	51.55		ug/L		103	75 - 125	2	25
Bromodichloromethane			50.0	48.54		ug/L		97	75 - 125	2	25
Bromoform			50.0	48.16		ug/L		96	70 - 130	6	25
Bromomethane			50.0	44.50		ug/L		89	60 - 140	8	25
Carbon disulfide			50.0	55.47		ug/L		111	60 - 140	3	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-199119/4
Matrix: Water
Analysis Batch: 199119

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride			50.0	54.03		ug/L		108	70 - 125	4	25
Chlorobenzene			50.0	53.56		ug/L		107	82 - 135	1	25
Chlorodibromomethane			50.0	49.70		ug/L		99	73 - 125	3	25
Chloroethane			50.0	46.27		ug/L		93	60 - 140	8	25
Chloroform			50.0	49.67		ug/L		99	70 - 121	6	25
Chloromethane			50.0	43.48		ug/L		87	60 - 140	5	25
Chloroprene			50.0	51.77		ug/L		104	70 - 130	4	25
cis-1,2-Dichloroethene			50.0	49.78		ug/L		100	75 - 125	4	25
cis-1,3-Dichloropropene			50.0	51.34		ug/L		103	74 - 125	1	25
Cumene (isopropylbenzene)			50.0	58.35		ug/L		117	75 - 125	3	25
Cyclohexane			50.0	62.56		ug/L		125	70 - 130	0	25
Dibromomethane			50.0	48.66		ug/L		97	69 - 127	4	25
Dichlorodifluoromethane			50.0	51.26		ug/L		103	50 - 150	5	25
Ethyl methacrylate			50.0	50.75		ug/L		102	70 - 130	3	25
Ethylbenzene			50.0	56.41		ug/L		113	75 - 125	1	25
Hexane			50.0	64.03	*+	ug/L		128	72 - 125	0	25
Iodomethane			50.0	54.64		ug/L		109	75 - 125	4	25
Isobutanol			1240	1007		ug/L		81	60 - 140	10	25
Methacrylonitrile			500	471.6		ug/L		94	70 - 130	8	25
Methyl methacrylate			100	96.43		ug/L		96	70 - 130	5	25
Methyl tert-butyl ether			50.0	45.62		ug/L		91	65 - 135	5	25
Methylene Chloride			50.0	46.33		ug/L		93	71 - 125	5	25
Propionitrile			500	439.5		ug/L		88	70 - 130	9	25
Propylbenzene			50.0	57.28		ug/L		115	75 - 125	4	25
Styrene			50.0	55.29		ug/L		111	75 - 125	2	25
Tetrachloroethene			50.0	61.94		ug/L		124	71 - 125	0	25
Tetrahydrofuran			100	80.53		ug/L		81	75 - 125	16	25
Toluene			50.0	55.93		ug/L		112	75 - 130	0	25
trans-1,2-Dichloroethene			50.0	55.77		ug/L		112	75 - 125	4	25
trans-1,3-Dichloropropene			50.0	51.52		ug/L		103	66 - 125	2	25
trans-1,4-Dichloro-2-butene			50.0	47.94		ug/L		96	70 - 130	5	25
Trichloroethene			50.0	56.11		ug/L		112	75 - 135	1	25
Trichlorofluoromethane			50.0	50.98		ug/L		102	60 - 140	8	25
Vinyl acetate			250	256.7		ug/L		103	60 - 140	9	25
Vinyl chloride			50.0	47.90		ug/L		96	60 - 140	9	25
Xylenes, Total			100	111.0		ug/L		111	75 - 125	0	25
m,p-Xylenes			0.0500	0.05714		mg/L		114	75 - 125	0	25
o-Xylene			0.0500	0.05383		mg/L		108	75 - 125	0	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 144*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*
Toluene-d8 (Surr)	*102*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86599-F-2 MS
Matrix: Water
Analysis Batch: 199119

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.644	U	50.0	51.18		ug/L		102	72 - 125
1,1,1-Trichloroethane	<0.585	U	50.0	45.82		ug/L		92	75 - 125
1,1,2,2-Tetrachloroethane	<0.470	U	50.0	48.46		ug/L		97	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U *+	50.0	49.02		ug/L		98	60 - 140
1,1,2-Trichloroethane	1.48		50.0	54.04		ug/L		105	75 - 127
1,1-Dichloroethene	121	F1	50.0	130.6	F1	ug/L		20	59 - 172
1,2,3-Trichloropropane	30.9		50.0	73.43		ug/L		85	75 - 125
1,2,4-Trimethylbenzene	<0.417	U	50.0	50.86		ug/L		102	75 - 125
1,2-Dibromo-3-Chloropropane	<0.671	U	50.0	55.97		ug/L		112	59 - 125
1,2-Dibromoethane	<0.999	U	50.0	53.32		ug/L		107	73 - 125
1,2-Dichloroethane	37.1		50.0	76.16		ug/L		78	68 - 127
1,3,5-Trimethylbenzene	<0.411	U	50.0	49.89		ug/L		100	70 - 125
1,3-Butadiene	<0.568	U	50.0	42.24		ug/L		84	70 - 150
2,2,4-Trimethylpentane	<0.500	U *+	50.0	42.16		ug/L		84	70 - 130
2-Butanone (MEK)	<8.28	U	250	275.9		ug/L		110	60 - 140
2-Hexanone (MBK)	<5.00	U	250	237.3		ug/L		95	60 - 140
2-Propanol	<5.23	U	500	389.3		ug/L		78	70 - 120
3-Chloropropene (Allyl Chloride)	<0.597	U	50.0	41.80		ug/L		84	70 - 130
4-Methyl-2-pentanone	<5.00	U	250	234.0		ug/L		94	60 - 140
Acetone	<3.07	U	250	205.4		ug/L		82	60 - 140
Acetonitrile	<14.6	U	500	418.8		ug/L		84	60 - 140
Acrolein	<11.1	U F1	250	113.3	F1	ug/L		45	50 - 150
Acrylonitrile	<14.3	U	500	454.6		ug/L		91	50 - 150
alpha-Chlorotoluene	<2.26	U	50.0	56.22		ug/L		112	70 - 130
Benzene	75.3		50.0	110.1		ug/L		70	66 - 142
Bromodichloromethane	<0.552	U	50.0	48.68		ug/L		97	75 - 125
Bromoform	<0.633	U	50.0	50.13		ug/L		100	75 - 125
Bromomethane	<1.42	U	50.0	41.94		ug/L		84	60 - 140
Carbon disulfide	<1.65	U	50.0	36.81		ug/L		74	60 - 140
Carbon tetrachloride	<0.896	U	50.0	45.38		ug/L		91	62 - 125
Chlorobenzene	15.3		50.0	66.51		ug/L		102	60 - 133
Chlorodibromomethane	<0.547	U	50.0	50.27		ug/L		101	73 - 125
Chloroethane	<1.98	U	50.0	42.14		ug/L		84	60 - 140
Chloroform	41.1		50.0	83.43		ug/L		85	70 - 130
Chloromethane	8.38	J F1	50.0	37.35	F1	ug/L		58	60 - 140
Chloroprene	<0.598	U	50.0	40.61		ug/L		81	70 - 130
cis-1,3-Dichloropropene	<1.07	U	50.0	51.43		ug/L		103	74 - 125
Cumene (isopropylbenzene)	<0.592	U	50.0	52.49		ug/L		105	75 - 125
Cyclohexane	<1.29	U	50.0	46.46		ug/L		93	70 - 130
Dibromomethane	<0.357	U	50.0	50.35		ug/L		101	69 - 127
Dichlorodifluoromethane	<0.785	U	50.0	36.15		ug/L		72	70 - 130
Ethyl methacrylate	<1.12	U	50.0	54.40		ug/L		109	70 - 130
Ethylbenzene	<0.385	U	50.0	52.88		ug/L		106	75 - 125
Hexane	<0.517	U *+	50.0	38.56		ug/L		77	72 - 125
Iodomethane	<5.00	U	50.0	45.36		ug/L		91	75 - 125
Isobutanol	<17.1	U	1240	1088		ug/L		88	60 - 140
Methacrylonitrile	<2.72	U	500	459.4		ug/L		92	70 - 130
Methyl methacrylate	<2.25	U	100	104.3		ug/L		104	70 - 130

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86599-F-2 MS
Matrix: Water
Analysis Batch: 199119

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl tert-butyl ether	<1.39	U	50.0	46.42		ug/L		93	65 - 135
Methylene Chloride	<1.73	U	50.0	43.41		ug/L		87	75 - 125
Propionitrile	<3.34	U	500	460.7		ug/L		92	70 - 130
Propylbenzene	<0.429	U	50.0	51.23		ug/L		102	75 - 125
Styrene	<0.619	U	50.0	54.94		ug/L		110	75 - 125
Tetrachloroethene	1.56		50.0	55.63		ug/L		108	71 - 125
Tetrahydrofuran	<1.83	U	100	84.72		ug/L		85	75 - 125
Toluene	1.65		50.0	54.78		ug/L		106	59 - 139
trans-1,3-Dichloropropene	<1.27	U	50.0	52.08		ug/L		104	66 - 125
trans-1,4-Dichloro-2-butene	<1.35	U	50.0	48.52		ug/L		97	70 - 130
Trichloroethene	13.8		50.0	62.02		ug/L		96	62 - 137
Trichlorofluoromethane	<0.560	U	50.0	44.68		ug/L		89	60 - 140
Vinyl acetate	<2.14	U	250	256.8		ug/L		103	60 - 140
Xylenes, Total	<1.24	U	100	106.0		ug/L		106	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.05413		mg/L		108	75 - 125
o-Xylene	<0.000502	U	0.0500	0.05187		mg/L		104	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 144*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 131*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 860-199255/8
Matrix: Water
Analysis Batch: 199255

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/12/24 15:47	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/12/24 15:47	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/12/24 15:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/12/24 15:47	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/12/24 15:47	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/12/24 15:47	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/12/24 15:47	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/12/24 15:47	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/12/24 15:47	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/12/24 15:47	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/12/24 15:47	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/12/24 15:47	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/12/24 15:47	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/12/24 15:47	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/12/24 15:47	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/12/24 15:47	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/12/24 15:47	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/12/24 15:47	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/12/24 15:47	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/12/24 15:47	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-199255/8
Matrix: Water
Analysis Batch: 199255

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/12/24 15:47	1
Acetone	<3.07	U	100	3.07	ug/L			11/12/24 15:47	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/12/24 15:47	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/12/24 15:47	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/12/24 15:47	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/12/24 15:47	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/12/24 15:47	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/12/24 15:47	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/12/24 15:47	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/12/24 15:47	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/12/24 15:47	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/12/24 15:47	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/12/24 15:47	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/12/24 15:47	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/12/24 15:47	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/12/24 15:47	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/12/24 15:47	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/12/24 15:47	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/12/24 15:47	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/12/24 15:47	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/12/24 15:47	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/12/24 15:47	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/12/24 15:47	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/12/24 15:47	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/12/24 15:47	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/12/24 15:47	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/12/24 15:47	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/12/24 15:47	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/12/24 15:47	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/12/24 15:47	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/12/24 15:47	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/12/24 15:47	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/12/24 15:47	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/12/24 15:47	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/12/24 15:47	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/12/24 15:47	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/12/24 15:47	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/12/24 15:47	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/12/24 15:47	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/12/24 15:47	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/12/24 15:47	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/12/24 15:47	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/12/24 15:47	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/12/24 15:47	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/12/24 15:47	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/12/24 15:47	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/12/24 15:47	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/12/24 15:47	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/12/24 15:47	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 144		11/12/24 15:47	1
4-Bromofluorobenzene (Surr)	103		74 - 124		11/12/24 15:47	1
Dibromofluoromethane (Surr)	100		75 - 131		11/12/24 15:47	1
Toluene-d8 (Surr)	94		80 - 120		11/12/24 15:47	1

Lab Sample ID: LCS 860-199255/3
Matrix: Water
Analysis Batch: 199255

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	48.83		ug/L		98	72 - 125
1,1,1-Trichloroethane	50.0	46.66		ug/L		93	70 - 130
1,1,2,2-Tetrachloroethane	50.0	46.77		ug/L		94	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	53.87		ug/L		108	60 - 140
1,1,2-Trichloroethane	50.0	45.22		ug/L		90	75 - 130
1,1-Dichloroethane	50.0	46.91		ug/L		94	71 - 130
1,1-Dichloroethene	50.0	39.35		ug/L		79	50 - 150
1,2,3-Trichloropropane	50.0	46.55		ug/L		93	75 - 125
1,2,4-Trimethylbenzene	50.0	59.51		ug/L		119	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	50.62		ug/L		101	59 - 125
1,2-Dibromoethane	50.0	49.00		ug/L		98	73 - 125
1,2-Dichloroethane	50.0	44.03		ug/L		88	72 - 130
1,2-Dichloropropane	50.0	45.30		ug/L		91	74 - 125
1,3,5-Trimethylbenzene	50.0	60.33		ug/L		121	60 - 140
1,3-Butadiene	50.0	43.14		ug/L		86	60 - 150
2,2,4-Trimethylpentane	50.0	51.46		ug/L		103	70 - 130
2-Butanone (MEK)	250	240.5		ug/L		96	60 - 140
2-Hexanone (MBK)	250	235.6		ug/L		94	60 - 140
2-Propanol	500	491.3		ug/L		98	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	55.45		ug/L		111	70 - 130
4-Methyl-2-pentanone	250	261.5		ug/L		105	60 - 140
Acetone	250	186.7		ug/L		75	60 - 140
Acetonitrile	500	452.7		ug/L		91	60 - 140
Acrolein	250	179.1		ug/L		72	60 - 140
Acrylonitrile	500	417.2		ug/L		83	60 - 140
alpha-Chlorotoluene	50.0	61.95		ug/L		124	75 - 125
Benzene	50.0	48.46		ug/L		97	75 - 125
Bromodichloromethane	50.0	48.06		ug/L		96	75 - 125
Bromoform	50.0	54.01		ug/L		108	70 - 130
Bromomethane	50.0	49.62		ug/L		99	60 - 140
Carbon disulfide	50.0	50.15		ug/L		100	60 - 140
Carbon tetrachloride	50.0	47.13		ug/L		94	70 - 125
Chlorobenzene	50.0	49.18		ug/L		98	82 - 135
Chlorodibromomethane	50.0	50.61		ug/L		101	73 - 125
Chloroethane	50.0	50.60		ug/L		101	60 - 140
Chloroform	50.0	44.60		ug/L		89	70 - 121
Chloromethane	50.0	43.08		ug/L		86	60 - 140
Chloroprene	50.0	53.84		ug/L		108	70 - 130
cis-1,2-Dichloroethene	50.0	47.75		ug/L		95	75 - 125
cis-1,3-Dichloropropene	50.0	56.69		ug/L		113	74 - 125
Cumene (isopropylbenzene)	50.0	58.64		ug/L		117	75 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-199255/3
Matrix: Water
Analysis Batch: 199255

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyclohexane			50.0	50.59		ug/L		101	70 - 130		
Dibromomethane			50.0	48.03		ug/L		96	69 - 127		
Dichlorodifluoromethane			50.0	33.85		ug/L		68	50 - 150		
Ethyl methacrylate			50.0	48.26		ug/L		97	70 - 130		
Ethylbenzene			50.0	52.94		ug/L		106	75 - 125		
Hexane			50.0	50.28		ug/L		101	72 - 125		
Isobutanol			1240	1210		ug/L		98	60 - 140		
Methacrylonitrile			500	514.8		ug/L		103	70 - 130		
Methyl methacrylate			100	97.45		ug/L		97	70 - 130		
Methyl tert-butyl ether			50.0	48.98		ug/L		98	65 - 135		
Methylene Chloride			50.0	46.53		ug/L		93	71 - 125		
Propionitrile			500	438.7		ug/L		88	70 - 130		
Propylbenzene			50.0	56.92		ug/L		114	75 - 125		
Styrene			50.0	53.30		ug/L		107	75 - 125		
Tetrachloroethene			50.0	50.84		ug/L		102	71 - 125		
Toluene			50.0	49.28		ug/L		99	75 - 130		
trans-1,2-Dichloroethene			50.0	52.46		ug/L		105	75 - 125		
trans-1,3-Dichloropropene			50.0	53.58		ug/L		107	66 - 125		
trans-1,4-Dichloro-2-butene			50.0	47.94		ug/L		96	70 - 130		
Trichloroethene			50.0	51.00		ug/L		102	75 - 135		
Trichlorofluoromethane			50.0	44.22		ug/L		88	60 - 140		
Vinyl acetate			250	263.2		ug/L		105	60 - 140		
Vinyl chloride			50.0	51.69		ug/L		103	60 - 140		
Xylenes, Total			100	112.5		ug/L		112	75 - 125		
m,p-Xylenes			0.0500	0.05561		mg/L		111	75 - 125		
o-Xylene			0.0500	0.05685		mg/L		114	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*63 - 144*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*89*		*75 - 131*
Toluene-d8 (Surr)	*95*		*80 - 120*

Lab Sample ID: LCSD 860-199255/4
Matrix: Water
Analysis Batch: 199255

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	43.02		ug/L		86	72 - 125	13	25
1,1,1-Trichloroethane			50.0	39.97		ug/L		80	70 - 130	15	25
1,1,2,2-Tetrachloroethane			50.0	45.49		ug/L		91	74 - 125	3	25
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	45.47		ug/L		91	60 - 140	17	25
1,1,2-Trichloroethane			50.0	42.51		ug/L		85	75 - 130	6	25
1,1-Dichloroethane			50.0	37.63		ug/L		75	71 - 130	22	25
1,1-Dichloroethene			50.0	35.30		ug/L		71	50 - 150	11	25
1,2,3-Trichloropropane			50.0	44.19		ug/L		88	75 - 125	5	25
1,2,4-Trimethylbenzene			50.0	54.00		ug/L		108	75 - 125	10	25
1,2-Dibromo-3-Chloropropane			50.0	49.80		ug/L		100	59 - 125	2	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-199255/4
Matrix: Water
Analysis Batch: 199255

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane	50.0	45.92		ug/L		92	73 - 125	6	25
1,2-Dichloroethane	50.0	38.27		ug/L		77	72 - 130	14	25
1,2-Dichloropropane	50.0	39.62		ug/L		79	74 - 125	13	25
1,3,5-Trimethylbenzene	50.0	53.98		ug/L		108	60 - 140	11	25
1,3-Butadiene	50.0	39.67		ug/L		79	60 - 150	8	25
2,2,4-Trimethylpentane	50.0	50.40		ug/L		101	70 - 130	2	25
2-Butanone (MEK)	250	236.9		ug/L		95	60 - 140	2	25
2-Hexanone (MBK)	250	244.0		ug/L		98	60 - 140	4	25
2-Propanol	500	504.8		ug/L		101	70 - 120	3	25
3-Chloropropene (Allyl Chloride)	50.0	44.79		ug/L		90	70 - 130	21	25
4-Methyl-2-pentanone	250	251.8		ug/L		101	60 - 140	4	25
Acetone	250	235.1		ug/L		94	60 - 140	23	25
Acetonitrile	500	438.6		ug/L		88	60 - 140	3	25
Acrolein	250	201.6		ug/L		81	60 - 140	12	25
Acrylonitrile	500	395.9		ug/L		79	60 - 140	5	25
alpha-Chlorotoluene	50.0	56.36		ug/L		113	75 - 125	9	25
Benzene	50.0	42.97		ug/L		86	75 - 125	12	25
Bromodichloromethane	50.0	41.14		ug/L		82	75 - 125	16	25
Bromoform	50.0	50.27		ug/L		101	70 - 130	7	25
Bromomethane	50.0	44.06		ug/L		88	60 - 140	12	25
Carbon disulfide	50.0	45.06		ug/L		90	60 - 140	11	25
Carbon tetrachloride	50.0	38.32		ug/L		77	70 - 125	21	25
Chlorobenzene	50.0	43.82		ug/L		88	82 - 135	12	25
Chlorodibromomethane	50.0	46.89		ug/L		94	73 - 125	8	25
Chloroethane	50.0	45.49		ug/L		91	60 - 140	11	25
Chloroform	50.0	38.68		ug/L		77	70 - 121	14	25
Chloromethane	50.0	40.68		ug/L		81	60 - 140	6	25
Chloroprene	50.0	43.33		ug/L		87	70 - 130	22	25
cis-1,2-Dichloroethene	50.0	40.90		ug/L		82	75 - 125	15	25
cis-1,3-Dichloropropene	50.0	50.95		ug/L		102	74 - 125	11	25
Cumene (isopropylbenzene)	50.0	52.58		ug/L		105	75 - 125	11	25
Cyclohexane	50.0	42.62		ug/L		85	70 - 130	17	25
Dibromomethane	50.0	43.40		ug/L		87	69 - 127	10	25
Dichlorodifluoromethane	50.0	31.86		ug/L		64	50 - 150	6	25
Ethyl methacrylate	50.0	44.36		ug/L		89	70 - 130	8	25
Ethylbenzene	50.0	46.63		ug/L		93	75 - 125	13	25
Hexane	50.0	43.91		ug/L		88	72 - 125	14	25
Isobutanol	1240	1266		ug/L		102	60 - 140	5	25
Methacrylonitrile	500	487.0		ug/L		97	70 - 130	6	25
Methyl methacrylate	100	92.72		ug/L		93	70 - 130	5	25
Methyl tert-butyl ether	50.0	43.45		ug/L		87	65 - 135	12	25
Methylene Chloride	50.0	42.11		ug/L		84	71 - 125	10	25
Propionitrile	500	434.8		ug/L		87	70 - 130	1	25
Propylbenzene	50.0	50.88		ug/L		102	75 - 125	11	25
Styrene	50.0	48.41		ug/L		97	75 - 125	10	25
Tetrachloroethene	50.0	44.24		ug/L		88	71 - 125	14	25
Toluene	50.0	43.79		ug/L		88	75 - 130	12	25
trans-1,2-Dichloroethene	50.0	45.36		ug/L		91	75 - 125	15	25
trans-1,3-Dichloropropene	50.0	49.01		ug/L		98	66 - 125	9	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-199255/4
Matrix: Water
Analysis Batch: 199255

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,4-Dichloro-2-butene			50.0	46.56		ug/L		93	70 - 130	3	25
Trichloroethene			50.0	45.24		ug/L		90	75 - 135	12	25
Trichlorofluoromethane			50.0	54.24		ug/L		108	60 - 140	20	25
Vinyl acetate			250	225.8		ug/L		90	60 - 140	15	25
Vinyl chloride			50.0	47.02		ug/L		94	60 - 140	9	25
Xylenes, Total			100	99.53		ug/L		100	75 - 125	12	25
m,p-Xylenes			0.0500	0.04887		mg/L		98	75 - 125	13	25
o-Xylene			0.0500	0.05066		mg/L		101	75 - 125	12	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*63 - 144*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*88*		*75 - 131*
Toluene-d8 (Surr)	*96*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS - DL

Lab Sample ID: 860-85841-A-5 MS
Matrix: Water
Analysis Batch: 199255

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane - DL	<129	U	10000	10230		ug/L		102	72 - 125
1,1,1-Trichloroethane - DL	<117	U	10000	10830		ug/L		108	75 - 125
1,1,2,2-Tetrachloroethane - DL	<94.0	U	10000	9111		ug/L		91	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane - DL	<222	U	10000	12660		ug/L		127	60 - 140
1,1,2-Trichloroethane - DL	<82.2	U	10000	9530		ug/L		95	75 - 127
1,1-Dichloroethane - DL	<127	U	10000	10230		ug/L		102	72 - 125
1,1-Dichloroethene - DL	<148	U	10000	11710		ug/L		117	59 - 172
1,2,3-Trichloropropane - DL	<94.0	U	10000	9105		ug/L		91	75 - 125
1,2,4-Trimethylbenzene - DL	<83.4	U	10000	11370		ug/L		114	75 - 125
1,2-Dibromo-3-Chloropropane - DL	<134	U	10000	9461		ug/L		95	59 - 125
1,2-Dibromoethane - DL	<200	U	10000	10260		ug/L		103	73 - 125
1,2-Dichloroethane - DL	<74.4	U	10000	10140		ug/L		101	68 - 127
1,2-Dichloropropane - DL	<111	U	10000	9713		ug/L		97	74 - 125
1,3,5-Trimethylbenzene - DL	<82.2	U F1	10000	13680	F1	ug/L		137	70 - 125
1,3-Butadiene - DL	<114	U	10000	8387		ug/L		84	70 - 150
2,2,4-Trimethylpentane - DL	<100	U	10000	9245		ug/L		92	70 - 130
2-Butanone (MEK) - DL	<1660	U	50000	46040		ug/L		92	60 - 140
2-Hexanone (MBK) - DL	<1000	U	50000	45100		ug/L		90	60 - 140
2-Propanol - DL	<1050	U	100000	84500		ug/L		84	70 - 120
3-Chloropropene (Allyl Chloride) - DL	<119	U	10000	10420		ug/L		104	70 - 130
4-Methyl-2-pentanone - DL	<1000	U	50000	52080		ug/L		104	60 - 140
Acetone - DL	<613	U	50000	41850		ug/L		84	60 - 140
Acetonitrile - DL	<2920	U	100000	64580		ug/L		65	60 - 140
Acrolein - DL	<2220	U	50000	46320		ug/L		93	50 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS - DL (Continued)

Lab Sample ID: 860-85841-A-5 MS
Matrix: Water
Analysis Batch: 199255

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acrylonitrile - DL	<2860	U	100000	84970		ug/L		85	50 - 150
alpha-Chlorotoluene - DL	<451	U	10000	11350		ug/L		113	70 - 130
Benzene - DL	357		10000	10670		ug/L		103	66 - 142
Bromodichloromethane - DL	<110	U	10000	10860		ug/L		109	75 - 125
Bromoform - DL	<127	U	10000	11020		ug/L		110	75 - 125
Bromomethane - DL	<284	U	10000	8857		ug/L		89	60 - 140
Carbon disulfide - DL	<330	U	10000	10960		ug/L		110	60 - 140
Carbon tetrachloride - DL	<179	U	10000	10780		ug/L		108	62 - 125
Chlorobenzene - DL	12500		10000	21300		ug/L		88	60 - 133
Chlorodibromomethane - DL	<109	U	10000	10860		ug/L		109	73 - 125
Chloroethane - DL	<397	U	10000	9733		ug/L		97	60 - 140
Chloroform - DL	<92.8	U	10000	10320		ug/L		103	70 - 130
Chloromethane - DL	<407	U	10000	8117		ug/L		81	60 - 140
Chloroprene - DL	<120	U	10000	11420		ug/L		114	70 - 130
cis-1,2-Dichloroethene - DL	<91.4	U	10000	10790		ug/L		108	75 - 125
cis-1,3-Dichloropropene - DL	<213	U	10000	11930		ug/L		119	74 - 125
Cumene (isopropylbenzene) - DL	<118	U	10000	11820		ug/L		118	75 - 125
Cyclohexane - DL	<257	U	10000	11120		ug/L		111	70 - 130
Dibromomethane - DL	<71.4	U	10000	10810		ug/L		108	69 - 127
Dichlorodifluoromethane - DL	<157	U	10000	8194		ug/L		82	70 - 130
Ethyl methacrylate - DL	<224	U	10000	9493		ug/L		95	70 - 130
Ethylbenzene - DL	<77.0	U	10000	10700		ug/L		107	75 - 125
Hexane - DL	<103	U	10000	10380		ug/L		104	72 - 125
Iodomethane - DL	<1000	U F1 *+	10000	13220	F1	ug/L		132	75 - 125
Isobutanol - DL	<3420	U F1	248000	516100	F1	ug/L		208	60 - 140
Methacrylonitrile - DL	<543	U	100000	103200		ug/L		103	70 - 130
Methyl methacrylate - DL	<450	U	20000	18910		ug/L		95	70 - 130
Methyl tert-butyl ether - DL	<278	U	10000	10750		ug/L		108	65 - 135
Methylene Chloride - DL	<345	U	10000	9761		ug/L		98	75 - 125
Propionitrile - DL	<668	U	100000	88890		ug/L		89	70 - 130
Propylbenzene - DL	<85.8	U	10000	10820		ug/L		108	75 - 125
Styrene - DL	<124	U	10000	10820		ug/L		108	75 - 125
Tetrachloroethene - DL	<131	U	10000	10510		ug/L		105	71 - 125
Tetrahydrofuran - DL	<367	U *-	20000	15600		ug/L		78	75 - 125
Toluene - DL	<95.0	U	10000	10050		ug/L		101	59 - 139
trans-1,2-Dichloroethene - DL	<73.6	U	10000	11730		ug/L		117	75 - 125
trans-1,3-Dichloropropene - DL	<253	U	10000	11200		ug/L		112	66 - 125
trans-1,4-Dichloro-2-butene - DL	<270	U	10000	9581		ug/L		96	70 - 130
Trichloroethene - DL	<300	U	10000	11080		ug/L		111	62 - 137
Trichlorofluoromethane - DL	1030		10000	10440		ug/L		94	60 - 140
Vinyl acetate - DL	<428	U	50000	52350		ug/L		105	60 - 140
Vinyl chloride - DL	<85.6	U	10000	9534		ug/L		95	60 - 140
Xylenes, Total - DL	<248	U	20000	22550		ug/L		113	75 - 125
m,p-Xylenes - DL	<0.248	U	10.0	11.00		mg/L		110	75 - 125
o-Xylene - DL	<0.100	U	10.0	11.55		mg/L		116	75 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS - DL (Continued)

Lab Sample ID: 860-85841-A-5 MS
Matrix: Water
Analysis Batch: 199255

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr) - DL	*95*		*63 - 144*
4-Bromofluorobenzene (Surr) - DL	*97*		*74 - 124*
Dibromofluoromethane (Surr) - DL	*101*		*75 - 131*
Toluene-d8 (Surr) - DL	*95*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-199383/1-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199383

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,4-Dimethylphenol	<0.192	U	0.571	0.192	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/13/24 05:02	11/18/24 14:59	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/13/24 05:02	11/18/24 14:59	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/13/24 05:02	11/18/24 14:59	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/13/24 05:02	11/18/24 14:59	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/13/24 05:02	11/18/24 14:59	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/13/24 05:02	11/18/24 14:59	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/13/24 05:02	11/18/24 14:59	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/13/24 05:02	11/18/24 14:59	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/13/24 05:02	11/18/24 14:59	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/13/24 05:02	11/18/24 14:59	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/13/24 05:02	11/18/24 14:59	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/13/24 05:02	11/18/24 14:59	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199383/1-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199383

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/13/24 05:02	11/18/24 14:59	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		11/13/24 05:02	11/18/24 14:59	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/13/24 05:02	11/18/24 14:59	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/13/24 05:02	11/18/24 14:59	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/13/24 05:02	11/18/24 14:59	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/13/24 05:02	11/18/24 14:59	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/13/24 05:02	11/18/24 14:59	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/13/24 05:02	11/18/24 14:59	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		11/13/24 05:02	11/18/24 14:59	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/13/24 05:02	11/18/24 14:59	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/13/24 05:02	11/18/24 14:59	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/13/24 05:02	11/18/24 14:59	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/13/24 05:02	11/18/24 14:59	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/13/24 05:02	11/18/24 14:59	1
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/13/24 05:02	11/18/24 14:59	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/13/24 05:02	11/18/24 14:59	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/13/24 05:02	11/18/24 14:59	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/13/24 05:02	11/18/24 14:59	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/13/24 05:02	11/18/24 14:59	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	11/18/24 14:59	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/13/24 05:02	11/18/24 14:59	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		11/13/24 05:02	11/18/24 14:59	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/13/24 05:02	11/18/24 14:59	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/13/24 05:02	11/18/24 14:59	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/13/24 05:02	11/18/24 14:59	1
Phenol	<0.448	U	2.86	0.448	ug/L		11/13/24 05:02	11/18/24 14:59	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/13/24 05:02	11/18/24 14:59	1
Pyridine	<1.44	U	2.86	1.44	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/13/24 05:02	11/18/24 14:59	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/13/24 05:02	11/18/24 14:59	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/13/24 05:02	11/18/24 14:59	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/13/24 05:02	11/18/24 14:59	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/13/24 05:02	11/18/24 14:59	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/13/24 05:02	11/18/24 14:59	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/13/24 05:02	11/18/24 14:59	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/13/24 05:02	11/18/24 14:59	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199383/1-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199383

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/13/24 05:02	11/18/24 14:59	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/13/24 05:02	11/18/24 14:59	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/13/24 05:02	11/18/24 14:59	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/13/24 05:02	11/18/24 14:59	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/13/24 05:02	11/18/24 14:59	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		11/13/24 05:02	11/18/24 14:59	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		11/13/24 05:02	11/18/24 14:59	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/13/24 05:02	11/18/24 14:59	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/13/24 05:02	11/18/24 14:59	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/13/24 05:02	11/18/24 14:59	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/13/24 05:02	11/18/24 14:59	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/13/24 05:02	11/18/24 14:59	1
Dimethoate	<0.122	U	0.571	0.122	ug/L		11/13/24 05:02	11/18/24 14:59	1
Dinoseb	<0.570	U	2.86	0.570	ug/L		11/13/24 05:02	11/18/24 14:59	1
Disulfoton	<0.203	U	0.571	0.203	ug/L		11/13/24 05:02	11/18/24 14:59	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/13/24 05:02	11/18/24 14:59	1
Ethyl Parathion	<0.0502	U	0.229	0.0502	ug/L		11/13/24 05:02	11/18/24 14:59	1
Famphur	<0.151	U	1.14	0.151	ug/L		11/13/24 05:02	11/18/24 14:59	1
Hexachloropropene	<0.300	U	0.571	0.300	ug/L		11/13/24 05:02	11/18/24 14:59	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/13/24 05:02	11/18/24 14:59	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/13/24 05:02	11/18/24 14:59	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/13/24 05:02	11/18/24 14:59	1
Methapyrilene	<1.00	U	2.29	1.00	ug/L		11/13/24 05:02	11/18/24 14:59	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/13/24 05:02	11/18/24 14:59	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/13/24 05:02	11/18/24 14:59	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		11/13/24 05:02	11/18/24 14:59	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		11/13/24 05:02	11/18/24 14:59	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		11/13/24 05:02	11/18/24 14:59	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	11/18/24 14:59	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	11/18/24 14:59	1
Phorate	<0.221	U	0.571	0.221	ug/L		11/13/24 05:02	11/18/24 14:59	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		11/13/24 05:02	11/18/24 14:59	1
Pronamide	<0.100	U	0.571	0.100	ug/L		11/13/24 05:02	11/18/24 14:59	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/13/24 05:02	11/18/24 14:59	1
Sulfotepp	<0.147	U	0.571	0.147	ug/L		11/13/24 05:02	11/18/24 14:59	1
Thionazin	<0.208	U	1.14	0.208	ug/L		11/13/24 05:02	11/18/24 14:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*35 - 130*	*11/13/24 05:02*	*11/18/24 14:59*	*1*
2-Fluorobiphenyl	*112*		*43 - 130*	*11/13/24 05:02*	*11/18/24 14:59*	*1*
2-Fluorophenol (Surr)	*44*		*19 - 120*	*11/13/24 05:02*	*11/18/24 14:59*	*1*
Nitrobenzene-d5 (Surr)	*99*		*37 - 133*	*11/13/24 05:02*	*11/18/24 14:59*	*1*
Phenol-d5 (Surr)	*28*		*8 - 124*	*11/13/24 05:02*	*11/18/24 14:59*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199383/1-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199383

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14	130		47 - 130	11/13/24 05:02	11/18/24 14:59	1

Lab Sample ID: LCS 860-199383/2-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199383

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	2.86	1.303		ug/L		46	32 - 130
1,2-Dichlorobenzene	2.86	1.430		ug/L		50	32 - 130
1,3-Dichlorobenzene	2.86	1.218		ug/L		43	26 - 130
1,4-Dichlorobenzene	2.86	1.300		ug/L		46	28 - 130
2,2'-oxybis[1-chloropropane]	2.86	2.992		ug/L		105	10 - 173
2,4,5-Trichlorophenol	2.86	2.575		ug/L		90	35 - 130
2,4,6-Trichlorophenol	2.86	2.409		ug/L		84	52 - 129
2,4-Dichlorophenol	2.86	2.701		ug/L		95	53 - 122
2,4-Dimethylphenol	2.86	3.505	*+	ug/L		123	42 - 120
1,4-Dioxane	2.86	0.7721		ug/L		27	27 - 130
2,4-Dinitrophenol	2.86	2.145	J	ug/L		75	12 - 173
2,4-Dinitrotoluene	2.86	3.023		ug/L		106	48 - 127
2,6-Dinitrotoluene	2.86	2.630		ug/L		92	68 - 137
2-Chloronaphthalene	2.86	2.206		ug/L		77	10 - 130
2-Methylnaphthalene	2.86	2.167		ug/L		76	25 - 175
2-Methylphenol	2.86	2.228		ug/L		78	14 - 176
2-Nitroaniline	2.86	2.815		ug/L		99	59 - 130
2-Nitrophenol	2.86	2.524		ug/L		88	45 - 167
3 & 4 Methylphenol	2.86	2.187		ug/L		77	22 - 130
3-Nitroaniline	2.86	1.399		ug/L		49	30 - 130
4,6-Dinitro-2-methylphenol	2.86	1.770		ug/L		62	10 - 130
4-Bromophenyl phenyl ether	2.86	3.101		ug/L		109	65 - 120
4-Chloro-3-methylphenol	2.86	2.645		ug/L		93	41 - 128
4-Chloroaniline	2.86	1.578		ug/L		55	30 - 130
4-Chlorophenyl phenyl ether	2.86	3.245		ug/L		114	38 - 145
4-Nitroaniline	2.86	2.157		ug/L		75	42 - 125
Acenaphthene	2.86	2.994		ug/L		105	60 - 132
Acenaphthylene	2.86	2.973		ug/L		104	54 - 126
Aniline	2.86	1.238		ug/L		43	15 - 130
Anthracene	2.86	2.880		ug/L		101	43 - 135
Benzo[a]anthracene	2.86	3.279		ug/L		115	42 - 133
Benzo[a]pyrene	2.86	3.235		ug/L		113	32 - 148
Benzo[b]fluoranthene	2.86	3.355		ug/L		117	42 - 140
Benzo[g,h,i]perylene	2.86	3.360		ug/L		118	25 - 195
Benzo[k]fluoranthene	2.86	3.100		ug/L		109	25 - 146
Benzyl alcohol	2.86	1.072	J *-	ug/L		38	57 - 130
Bis(2-chloroethoxy)methane	2.86	3.240		ug/L		113	49 - 165
Bis(2-chloroethyl)ether	2.86	3.686	*+	ug/L		129	43 - 126
Bis(2-ethylhexyl) phthalate	2.86	2.857		ug/L		100	29 - 137
Butyl benzyl phthalate	2.86	2.766		ug/L		97	28 - 130
Chrysene	2.86	3.195		ug/L		112	47 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199383/2-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199383

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenz(a,h)anthracene	2.86	3.478		ug/L		122	32 - 200
Dibenzofuran	2.86	3.316		ug/L		116	48 - 130
Diethyl phthalate	2.86	3.159		ug/L		111	53 - 120
Dimethyl phthalate	2.86	3.212		ug/L		112	67 - 120
Di-n-butyl phthalate	2.86	3.046		ug/L		107	8 - 120
Di-n-octyl phthalate	2.86	2.724		ug/L		95	19 - 200
Fluoranthene	2.86	3.470		ug/L		121	43 - 130
Fluorene	2.86	2.931		ug/L		103	70 - 130
Hexachlorobenzene	2.86	3.334		ug/L		117	8 - 142
Hexachlorobutadiene	2.86	0.4722	J	ug/L		17	10 - 130
Hexachlorocyclopentadiene	2.86	0.9582		ug/L		34	10 - 130
Hexachloroethane	2.86	0.7227		ug/L		25	10 - 130
Indeno[1,2,3-cd]pyrene	2.86	3.134		ug/L		110	29 - 151
Isophorone	2.86	3.035		ug/L		106	47 - 180
Naphthalene	2.86	2.305		ug/L		81	36 - 120
Nitrobenzene	2.86	2.762		ug/L		97	54 - 130
N-Nitrosodi-n-propylamine	2.86	2.701		ug/L		95	14 - 198
N-Nitrosodiphenylamine	2.86	3.516		ug/L		123	40 - 127
Pentachlorophenol	2.86	2.152		ug/L		75	38 - 152
Phenanthrene	2.86	3.227		ug/L		113	65 - 120
Phenol	2.86	0.9088	J	ug/L		32	17 - 120
Pyrene	2.86	3.560		ug/L		125	70 - 130
Pyridine	2.86	<1.44	U *-	ug/L		0	1 - 126
N-Nitro-o-toluidine	2.86	2.327		ug/L		81	47 - 130
2,3,4,6-Tetrachlorophenol	2.86	2.023		ug/L		71	33 - 132
Acetophenone	2.86	2.914		ug/L		102	58 - 130
N-Nitrosopiperidine	2.86	2.416		ug/L		85	54 - 130
Pentachlorobenzene	2.86	2.177		ug/L		76	47 - 130
Diphenyl ether	2.86	2.584		ug/L		90	61 - 130
1,1'-Biphenyl	2.86	2.495		ug/L		87	52 - 130
4-Aminobiphenyl	2.86	2.341		ug/L		82	35 - 130
1,2,4,5-Tetrachlorobenzene	2.86	1.491		ug/L		52	52 - 130
1,3,5-Trinitrobenzene	2.86	3.420		ug/L		120	42 - 130
1,3-Dinitrobenzene	2.86	2.663		ug/L		93	54 - 130
1,4-Naphthoquinone	2.86	1.689		ug/L		59	34 - 130
1-Naphthylamine	2.86	1.391		ug/L		49	40 - 130
2,6-Dichlorophenol	2.86	2.351		ug/L		82	40 - 130
2-Acetylaminofluorene	2.86	3.960		ug/L		139	50 - 150
2-Chlorophenol	2.86	2.521		ug/L		88	36 - 120
2-Naphthylamine	2.86	1.641		ug/L		57	30 - 130
2-Picoline	2.86	1.045		ug/L		37	22 - 130
2-Toluidine	2.86	1.366		ug/L		48	30 - 130
3,3'-Dichlorobenzidine	2.86	2.968		ug/L		104	20 - 150
3,3'-Dimethylbenzidine	2.86	1.335		ug/L		47	30 - 130
3-Methylcholanthrene	2.86	3.159		ug/L		111	53 - 130
4-Nitroquinoline-1-oxide	2.86	2.660		ug/L		93	39 - 130
7,12-Dimethylbenz(a)anthracene	2.86	2.781		ug/L		97	63 - 130
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U	ug/L		24	20 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199383/2-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199383

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aramite Peak 1	1.43	1.687		ug/L		118	69 - 130
Aramite Peak 2	1.43	1.548		ug/L		108	65 - 130
Diallate Peak 1	2.11	2.393		ug/L		113	69 - 130
Diallate Peak 2	0.743	0.8607		ug/L		116	67 - 130
Ethyl methanesulfonate	2.86	2.061		ug/L		72	54 - 130
Hexachloropropene	2.86	0.6396	*-	ug/L		22	37 - 130
Isosafrole Peak 1	0.457	0.4455	J	ug/L		97	54 - 130
Isosafrole Peak 2	2.40	2.544		ug/L		106	62 - 130
Methyl methanesulfonate	2.86	1.054		ug/L		37	30 - 130
N-Nitrosodiethylamine	2.86	2.687		ug/L		94	54 - 130
N-Nitrosodimethylamine	2.86	0.5783	*-	ug/L		20	28 - 126
N-Nitrosodi-n-butylamine	2.86	2.882		ug/L		101	58 - 130
N-Nitrosomethylethylamine	2.86	1.645		ug/L		58	45 - 130
N-Nitrosomorpholine	2.86	1.206		ug/L		42	37 - 130
N-Nitrosopyrrolidine	2.86	1.137	*-	ug/L		40	47 - 130
p-Dimethylamino azobenzene	2.86	2.481		ug/L		87	61 - 130
Pentachloronitrobenzene	2.86	3.299		ug/L		115	56 - 130
Phenacetin	2.86	2.705		ug/L		95	70 - 130
p-Phenylene diamine	2.86	<0.500	U *-	ug/L		0	3 - 120
Pronamide	2.86	3.487		ug/L		122	70 - 130
Safrole, Total	2.86	2.777		ug/L		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*100*		*35 - 130*
2-Fluorobiphenyl	*110*		*43 - 130*
2-Fluorophenol (Surr)	*47*		*19 - 120*
Nitrobenzene-d5 (Surr)	*106*		*37 - 133*
Phenol-d5 (Surr)	*31*		*8 - 124*
p-Terphenyl-d14	*122*		*47 - 130*

Lab Sample ID: LCS 860-199383/4-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199383

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethoate	2.86	10.20	*+	ug/L		357	45 - 138
Dinoseb	5.71	9.941	*+	ug/L		174	49 - 130
Disulfoton	5.71	9.412	*+	ug/L		165	38 - 134
Ethyl Parathion	2.86	9.932	*+	ug/L		348	25 - 173
Famphur	2.86	5.688	*+	ug/L		199	43 - 142
Methapyrilene	5.71	23.42	E *+	ug/L		410	70 - 183
Methyl parathion	5.71	10.41	*+	ug/L		182	26 - 159
o,o',o''-Triethylphosphorothioate	2.86	4.160	*+	ug/L		146	43 - 130
Phorate	5.71	9.263	*+	ug/L		162	37 - 140
Sulfotepp	2.86	10.42	*+	ug/L		365	28 - 158
Thionazin	2.86	4.750	*+	ug/L		166	50 - 150

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199383/4-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199383

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	101		35 - 130
2-Fluorobiphenyl	106		43 - 130
2-Fluorophenol (Surr)	54		19 - 120
Nitrobenzene-d5 (Surr)	98		37 - 133
Phenol-d5 (Surr)	40		8 - 124
p-Terphenyl-d14	103		47 - 130

Lab Sample ID: LCSD 860-199383/3-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199383

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			2.86	1.348		ug/L		47	32 - 130	3	30
1,2-Dichlorobenzene			2.86	1.513		ug/L		53	32 - 130	6	30
1,3-Dichlorobenzene			2.86	1.284		ug/L		45	26 - 130	5	30
1,4-Dichlorobenzene			2.86	1.400		ug/L		49	28 - 130	7	30
2,2'-oxybis[1-chloropropane]			2.86	3.156		ug/L		110	10 - 173	5	30
2,4,5-Trichlorophenol			2.86	2.843		ug/L		100	35 - 130	10	30
2,4,6-Trichlorophenol			2.86	2.503		ug/L		88	52 - 129	4	30
2,4-Dichlorophenol			2.86	2.885		ug/L		101	53 - 122	7	30
2,4-Dimethylphenol			2.86	3.859	*+	ug/L		135	42 - 120	10	30
1,4-Dioxane			2.86	0.8311		ug/L		29	27 - 130	7	30
2,4-Dinitrophenol			2.86	1.977	J	ug/L		69	12 - 173	8	30
2,4-Dinitrotoluene			2.86	2.917		ug/L		102	48 - 127	4	30
2,6-Dinitrotoluene			2.86	2.958		ug/L		104	68 - 137	12	30
2-Chloronaphthalene			2.86	2.400		ug/L		84	10 - 130	8	30
2-Methylnaphthalene			2.86	2.222		ug/L		78	25 - 175	3	30
2-Methylphenol			2.86	2.468		ug/L		86	14 - 176	10	30
2-Nitroaniline			2.86	2.834		ug/L		99	59 - 130	1	30
2-Nitrophenol			2.86	2.626		ug/L		92	45 - 167	4	30
3 & 4 Methylphenol			2.86	2.386		ug/L		83	22 - 130	9	30
3-Nitroaniline			2.86	1.596	I	ug/L		56	30 - 130	13	30
4,6-Dinitro-2-methylphenol			2.86	1.626		ug/L		57	10 - 130	8	30
4-Bromophenyl phenyl ether			2.86	3.266		ug/L		114	65 - 120	5	30
4-Chloro-3-methylphenol			2.86	2.748		ug/L		96	41 - 128	4	30
4-Chloroaniline			2.86	1.584		ug/L		55	30 - 130	0	30
4-Chlorophenyl phenyl ether			2.86	3.163		ug/L		111	38 - 145	3	30
4-Nitroaniline			2.86	1.945		ug/L		68	42 - 125	10	30
Acenaphthene			2.86	2.939		ug/L		103	60 - 132	2	30
Acenaphthylene			2.86	3.199		ug/L		112	54 - 126	7	30
Aniline			2.86	1.461		ug/L		51	15 - 130	17	30
Anthracene			2.86	2.988		ug/L		105	43 - 135	4	30
Benzo[a]anthracene			2.86	3.532		ug/L		124	42 - 133	7	30
Benzo[a]pyrene			2.86	3.501		ug/L		123	32 - 148	8	30
Benzo[b]fluoranthene			2.86	3.381		ug/L		118	42 - 140	1	30
Benzo[g,h,i]perylene			2.86	3.493		ug/L		122	25 - 195	4	30
Benzo[k]fluoranthene			2.86	3.453		ug/L		121	25 - 146	11	30
Benzyl alcohol			2.86	1.150	*-	ug/L		40	57 - 130	7	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199383/3-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199383

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane	2.86	3.491		ug/L		122	49 - 165	7	30
Bis(2-chloroethyl)ether	2.86	3.917	*+	ug/L		137	43 - 126	6	30
Bis(2-ethylhexyl) phthalate	2.86	3.036		ug/L		106	29 - 137	6	30
Butyl benzyl phthalate	2.86	2.730		ug/L		96	28 - 130	1	30
Chrysene	2.86	3.423		ug/L		120	47 - 130	7	30
Dibenz(a,h)anthracene	2.86	3.647		ug/L		128	32 - 200	5	30
Dibenzofuran	2.86	3.279		ug/L		115	48 - 130	1	30
Diethyl phthalate	2.86	3.194		ug/L		112	53 - 120	1	30
Dimethyl phthalate	2.86	3.473	*+	ug/L		122	67 - 120	8	30
Di-n-butyl phthalate	2.86	3.121		ug/L		109	8 - 120	2	30
Di-n-octyl phthalate	2.86	2.914		ug/L		102	19 - 200	7	30
Fluoranthene	2.86	3.463		ug/L		121	43 - 130	0	30
Fluorene	2.86	2.925		ug/L		102	70 - 130	0	30
Hexachlorobenzene	2.86	3.242		ug/L		113	8 - 142	3	30
Hexachlorobutadiene	2.86	0.5349	J	ug/L		19	10 - 130	12	30
Hexachlorocyclopentadiene	2.86	0.9937		ug/L		35	10 - 130	4	30
Hexachloroethane	2.86	0.7093		ug/L		25	10 - 130	2	30
Indeno[1,2,3-cd]pyrene	2.86	3.304		ug/L		116	29 - 151	5	30
Isophorone	2.86	3.201		ug/L		112	47 - 180	5	30
Naphthalene	2.86	2.520		ug/L		88	36 - 120	9	30
Nitrobenzene	2.86	3.023		ug/L		106	54 - 130	9	30
N-Nitrosodi-n-propylamine	2.86	2.736		ug/L		96	14 - 198	1	30
N-Nitrosodiphenylamine	2.86	3.446		ug/L		121	40 - 127	2	30
Pentachlorophenol	2.86	2.040		ug/L		71	38 - 152	5	30
Phenanthrene	2.86	3.310		ug/L		116	65 - 120	3	30
Phenol	2.86	0.9588	J	ug/L		34	17 - 120	5	30
Pyrene	2.86	3.488		ug/L		122	70 - 130	2	30
Pyridine	2.86	<1.44	U *-	ug/L		0	1 - 126	NC	30
N-Nitro-o-toluidine	2.86	2.284		ug/L		80	47 - 130	2	30
2,3,4,6-Tetrachlorophenol	2.86	2.043		ug/L		72	33 - 132	1	30
Acetophenone	2.86	3.096		ug/L		108	58 - 130	6	30
N-Nitrosopiperidine	2.86	2.583		ug/L		90	54 - 130	7	30
Pentachlorobenzene	2.86	2.143		ug/L		75	47 - 130	2	30
Diphenyl ether	2.86	2.825		ug/L		99	61 - 130	9	30
1,1'-Biphenyl	2.86	2.748		ug/L		96	52 - 130	10	30
4-Aminobiphenyl	2.86	2.410		ug/L		84	35 - 130	3	30
1,2,4,5-Tetrachlorobenzene	2.86	1.555		ug/L		54	52 - 130	4	30
1,3,5-Trinitrobenzene	2.86	3.162		ug/L		111	42 - 130	8	30
1,3-Dinitrobenzene	2.86	3.122		ug/L		109	54 - 130	16	30
1,4-Naphthoquinone	2.86	1.793		ug/L		63	34 - 130	6	30
1-Naphthylamine	2.86	1.465		ug/L		51	40 - 130	5	30
2,6-Dichlorophenol	2.86	2.539		ug/L		89	40 - 130	8	30
2-Acetylaminofluorene	2.86	3.888		ug/L		136	50 - 150	2	30
2-Chlorophenol	2.86	2.724		ug/L		95	36 - 120	8	30
2-Naphthylamine	2.86	1.578		ug/L		55	30 - 130	4	30
2-Picoline	2.86	1.188		ug/L		42	22 - 130	13	30
2-Toluidine	2.86	1.372		ug/L		48	30 - 130	0	30
3,3'-Dichlorobenzidine	2.86	2.863		ug/L		100	20 - 150	4	30
3,3'-Dimethylbenzidine	2.86	1.463		ug/L		51	30 - 130	9	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199383/3-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199383

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
3-Methylcholanthrene			2.86	3.291		ug/L		115	53 - 130	4	30
4-Nitroquinoline-1-oxide			2.86	2.792		ug/L		98	39 - 130	5	30
7,12-Dimethylbenz(a)anthracene			2.86	2.926		ug/L		102	63 - 130	5	30
alpha,alpha-Dimethyl phenethylamine			2.86	<3.67	U	ug/L		29	20 - 130	21	30
Aramite Peak 1			1.43	1.665		ug/L		117	69 - 130	1	30
Aramite Peak 2			1.43	1.514		ug/L		106	65 - 130	2	30
Diallate Peak 1			2.11	2.553		ug/L		121	69 - 130	6	30
Diallate Peak 2			0.743	0.8094		ug/L		109	67 - 130	6	30
Ethyl methanesulfonate			2.86	2.223		ug/L		78	54 - 130	8	30
Hexachloropropene			2.86	0.6629	*-	ug/L		23	37 - 130	4	30
Isosafrole Peak 1			0.457	0.4617	J	ug/L		101	54 - 130	4	30
Isosafrole Peak 2			2.40	2.648		ug/L		110	62 - 130	4	30
Methyl methanesulfonate			2.86	1.128		ug/L		39	30 - 130	7	30
N-Nitrosodiethylamine			2.86	2.901		ug/L		102	54 - 130	8	30
N-Nitrosodimethylamine			2.86	0.6404	*-	ug/L		22	28 - 126	10	30
N-Nitrosodi-n-butylamine			2.86	3.149		ug/L		110	58 - 130	9	30
N-Nitrosomethylethylamine			2.86	1.796		ug/L		63	45 - 130	9	30
N-Nitrosomorpholine			2.86	1.266		ug/L		44	37 - 130	5	30
N-Nitrosopyrrolidine			2.86	1.228	*-	ug/L		43	47 - 130	8	30
p-Dimethylamino azobenzene			2.86	2.446		ug/L		86	61 - 130	1	30
Pentachloronitrobenzene			2.86	3.180		ug/L		111	56 - 130	4	30
Phenacetin			2.86	2.686		ug/L		94	70 - 130	1	30
p-Phenylene diamine			2.86	<0.500	U *-	ug/L		0	3 - 120	NC	30
Pronamide			2.86	3.494		ug/L		122	70 - 130	0	30
Safrole, Total			2.86	2.964		ug/L		104	70 - 130	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*114*		*35 - 130*
2-Fluorobiphenyl	*110*		*43 - 130*
2-Fluorophenol (Surr)	*52*		*19 - 120*
Nitrobenzene-d5 (Surr)	*111*		*37 - 133*
Phenol-d5 (Surr)	*33*		*8 - 124*
p-Terphenyl-d14	*122*		*47 - 130*

Lab Sample ID: LCSD 860-199383/5-A
Matrix: Water
Analysis Batch: 200430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199383

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethoate			2.86	10.79	*+	ug/L		377	45 - 138	6	30
Dinoseb			5.71	10.98	*+	ug/L		192	49 - 130	10	30
Disulfoton			5.71	10.23	*+	ug/L		179	38 - 134	8	30
Ethyl Parathion			2.86	11.50	*+	ug/L		402	25 - 173	15	30
Famphur			2.86	6.406	*+	ug/L		224	43 - 142	12	30
Methapyrilene			5.71	26.58	E *+	ug/L		465	70 - 183	13	30
Methyl parathion			5.71	12.01	*+	ug/L		210	26 - 159	14	30
o,o',o''-Triethylphosphorothioate			2.86	4.745	*+	ug/L		166	43 - 130	13	30
Phorate			5.71	10.13	*+	ug/L		177	37 - 140	9	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199383/5-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 200430
Prep Batch: 199383

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfotepp			2.86	11.21	*+	ug/L		392	28 - 158	7	30
Thionazin			2.86	5.525	*+	ug/L		193	50 - 150	15	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*116*		*35 - 130*
2-Fluorobiphenyl	*111*		*43 - 130*
2-Fluorophenol (Surr)	*51*		*19 - 120*
Nitrobenzene-d5 (Surr)	*107*		*37 - 133*
Phenol-d5 (Surr)	*37*		*8 - 124*
p-Terphenyl-d14	*113*		*47 - 130*

GC/MS VOA

Analysis Batch: 199119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86678-1	MW-54	Total/NA	Water	8260D	
860-86678-2	MW-75	Total/NA	Water	8260D	
860-86678-3	RB-04	Total/NA	Water	8260D	
860-86678-4	MW-52-S	Total/NA	Water	8260D	
860-86678-5	MW-73	Total/NA	Water	8260D	
860-86678-6	DUPE-04	Total/NA	Water	8260D	
860-86678-7	MW-52-D	Total/NA	Water	8260D	
860-86678-8	MW-50	Total/NA	Water	8260D	
860-86678-9	FB-04	Total/NA	Water	8260D	
860-86678-10	TB-04 (110824)	Total/NA	Water	8260D	
MB 860-199119/9	Method Blank	Total/NA	Water	8260D	
LCS 860-199119/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-199119/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-86599-F-2 MS	Matrix Spike	Total/NA	Water	8260D	

Analysis Batch: 199255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86678-4 - RA	MW-52-S	Total/NA	Water	8260D	
860-86678-7 - RA	MW-52-D	Total/NA	Water	8260D	
860-86678-8 - DL	MW-50	Total/NA	Water	8260D	
860-86678-9 - RA	FB-04	Total/NA	Water	8260D	
860-86678-10 - RA	TB-04 (110824)	Total/NA	Water	8260D	
MB 860-199255/8	Method Blank	Total/NA	Water	8260D	
LCS 860-199255/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-199255/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-85841-A-5 MS - DL	Matrix Spike	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 199383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86678-1	MW-54	Total/NA	Water	3511	
860-86678-2	MW-75	Total/NA	Water	3511	
860-86678-3	RB-04	Total/NA	Water	3511	
860-86678-4	MW-52-S	Total/NA	Water	3511	
860-86678-4 - DL	MW-52-S	Total/NA	Water	3511	
860-86678-5	MW-73	Total/NA	Water	3511	
860-86678-5 - DL	MW-73	Total/NA	Water	3511	
860-86678-5 - DL2	MW-73	Total/NA	Water	3511	
860-86678-6	DUPE-04	Total/NA	Water	3511	
860-86678-6 - DL	DUPE-04	Total/NA	Water	3511	
860-86678-6 - DL2	DUPE-04	Total/NA	Water	3511	
860-86678-7	MW-52-D	Total/NA	Water	3511	
860-86678-7 - DL	MW-52-D	Total/NA	Water	3511	
860-86678-8	MW-50	Total/NA	Water	3511	
860-86678-8 - DL	MW-50	Total/NA	Water	3511	
MB 860-199383/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-199383/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-199383/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-199383/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-199383/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

QC Association Summary

Client: Ashland LLC
Job ID: 860-86678-1
Project/Site: Hercules Hattiesburg, MS

GC/MS Semi VOA

Analysis Batch: 200430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-199383/1-A	Method Blank	Total/NA	Water	8270E	199383
LCS 860-199383/2-A	Lab Control Sample	Total/NA	Water	8270E	199383
LCS 860-199383/4-A	Lab Control Sample	Total/NA	Water	8270E	199383
LCSD 860-199383/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	199383
LCSD 860-199383/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	199383

Analysis Batch: 204036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86678-1	MW-54	Total/NA	Water	8270E	199383
860-86678-2	MW-75	Total/NA	Water	8270E	199383
860-86678-3	RB-04	Total/NA	Water	8270E	199383
860-86678-4	MW-52-S	Total/NA	Water	8270E	199383
860-86678-5	MW-73	Total/NA	Water	8270E	199383
860-86678-6	DUPE-04	Total/NA	Water	8270E	199383
860-86678-7	MW-52-D	Total/NA	Water	8270E	199383
860-86678-8	MW-50	Total/NA	Water	8270E	199383

Analysis Batch: 204271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86678-6 - DL	DUPE-04	Total/NA	Water	8270E	199383
860-86678-8 - DL	MW-50	Total/NA	Water	8270E	199383

Analysis Batch: 204299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86678-4 - DL	MW-52-S	Total/NA	Water	8270E	199383
860-86678-5 - DL	MW-73	Total/NA	Water	8270E	199383
860-86678-5 - DL2	MW-73	Total/NA	Water	8270E	199383

Analysis Batch: 204609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86678-6 - DL2	DUPE-04	Total/NA	Water	8270E	199383
860-86678-7 - DL	MW-52-D	Total/NA	Water	8270E	199383
860-86678-8 - DL	MW-50	Total/NA	Water	8270E	199383

Client Sample ID: MW-54

Date Collected: 11/08/24 08:20
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	199119	11/12/24 12:04	NA	EET HOU
Total/NA	Prep	3511			69.7 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	204036	12/09/24 04:41	LPL	EET HOU

Client Sample ID: MW-75

Date Collected: 11/08/24 08:28
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	199119	11/12/24 12:25	NA	EET HOU
Total/NA	Prep	3511			70.6 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	204036	12/09/24 05:11	LPL	EET HOU

Client Sample ID: RB-04

Date Collected: 11/08/24 08:43
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	199119	11/12/24 12:45	NA	EET HOU
Total/NA	Prep	3511			70.5 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	204036	12/09/24 05:41	LPL	EET HOU

Client Sample ID: MW-52-S

Date Collected: 11/08/24 09:10
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	199119	11/12/24 13:06	NA	EET HOU
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	199255	11/12/24 21:36	KLV	EET HOU
Total/NA	Prep	3511			70.6 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	204036	12/09/24 06:12	LPL	EET HOU
Total/NA	Prep	3511	DL		70.6 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	DL	500	1 mL	1 mL	204299	12/10/24 21:09	PXS	EET HOU

Client Sample ID: MW-73

Date Collected: 11/08/24 09:27
Date Received: 11/09/24 08:53

Lab Sample ID: 860-86678-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		500	5 mL	5 mL	199119	11/12/24 13:47	NA	EET HOU
Total/NA	Prep	3511			70.7 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	204036	12/09/24 06:42	LPL	EET HOU
Total/NA	Prep	3511	DL		70.7 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	DL	20	1 mL	1 mL	204299	12/10/24 21:38	PXS	EET HOU

Lab Chronicle

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86678-1

Client Sample ID: MW-73

Lab Sample ID: 860-86678-5

Date Collected: 11/08/24 09:27
Matrix: Water
Date Received: 11/09/24 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511	DL2		70.7 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	DL2	1000	1 mL	1 mL	204299	12/10/24 22:07	PXS	EET HOU

Client Sample ID: DUPE-04

Lab Sample ID: 860-86678-6

Date Collected: 11/08/24 00:00
Matrix: Water
Date Received: 11/09/24 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		10	5 mL	5 mL	199119	11/12/24 14:07	NA	EET HOU
Total/NA	Prep	3511			71.4 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	204036	12/09/24 07:12	LPL	EET HOU
Total/NA	Prep	3511	DL		71.4 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	DL	50	1 mL	1 mL	204271	12/09/24 22:09	LPL	EET HOU
Total/NA	Prep	3511	DL2		71.4 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	DL2	500	1 mL	1 mL	204609	12/11/24 01:33	LPL	EET HOU

Client Sample ID: MW-52-D

Lab Sample ID: 860-86678-7

Date Collected: 11/08/24 09:52
Matrix: Water
Date Received: 11/09/24 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	199119	11/12/24 13:26	NA	EET HOU
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	199255	11/12/24 21:57	KLV	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	204036	12/09/24 07:42	LPL	EET HOU
Total/NA	Prep	3511	DL		70 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	DL	500	1 mL	1 mL	204609	12/11/24 02:02	LPL	EET HOU

Client Sample ID: MW-50

Lab Sample ID: 860-86678-8

Date Collected: 11/08/24 10:16
Matrix: Water
Date Received: 11/09/24 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		10	5 mL	5 mL	199119	11/12/24 14:28	NA	EET HOU
Total/NA	Analysis	8260D	DL	50	5 mL	5 mL	199255	11/12/24 20:55	KLV	EET HOU
Total/NA	Prep	3511			69.9 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	204036	12/09/24 08:13	LPL	EET HOU
Total/NA	Prep	3511	DL		69.9 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	DL	10	1 mL	1 mL	204271	12/09/24 23:08	LPL	EET HOU
Total/NA	Prep	3511	DL		69.9 mL	4 mL	199383	11/13/24 05:02	DR	EET HOU
Total/NA	Analysis	8270E	DL	1000	1 mL	1 mL	204609	12/11/24 02:31	LPL	EET HOU

Lab Chronicle

Client: Ashland LLC
Job ID: 860-86678-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: FB-04
Lab Sample ID: 860-86678-9

Date Collected: 11/08/24 10:16
Matrix: Water
Date Received: 11/09/24 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	199119	11/12/24 11:23	NA	EET HOU
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	199255	11/12/24 16:08	KLV	EET HOU

Client Sample ID: TB-04 (110824)
Lab Sample ID: 860-86678-10

Date Collected: 11/08/24 00:00
Matrix: Water
Date Received: 11/09/24 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	199119	11/12/24 11:44	NA	EET HOU
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	199255	11/12/24 16:28	KLV	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Ashland LLC
Job ID: 860-86678-1
Project/Site: Hercules Hattiesburg, MS

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-03-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	06-30-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	06-30-25
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: Ashland LLC
Job ID: 860-86678-1
Project/Site: Hercules Hattiesburg, MS

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Ashland LLC
Job ID: 860-86678-1
Project/Site: Hercules Hattiesburg, MS

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-86678-1	MW-54	Water	11/08/24 08:20	11/09/24 08:53
860-86678-2	MW-75	Water	11/08/24 08:28	11/09/24 08:53
860-86678-3	RB-04	Water	11/08/24 08:43	11/09/24 08:53
860-86678-4	MW-52-S	Water	11/08/24 09:10	11/09/24 08:53
860-86678-5	MW-73	Water	11/08/24 09:27	11/09/24 08:53
860-86678-6	DUPE-04	Water	11/08/24 00:00	11/09/24 08:53
860-86678-7	MW-52-D	Water	11/08/24 09:52	11/09/24 08:53
860-86678-8	MW-50	Water	11/08/24 10:16	11/09/24 08:53
860-86678-9	FB-04	Water	11/08/24 10:16	11/09/24 08:53
860-86678-10	TB-04 (110824)	Water	11/08/24 00:00	11/09/24 08:53

Client Information

Client Contact: Mr Antonio Cardoso	Sampler: K. Mortgomery / B. Cassidy	Lab PM: Kudchadkar Sachin G	
Company: Arcadis US Inc.	Phone: 225-205-8246	E-Mail: Sachin.Kudchadkar@et.eurofinsus.com	State of Origin:
Address: 4300 West Cypress Street Suite 450	PWSID:	Analysis Requested	Page: Job #:
City: Tampa	Due Date Requested:		Preservation Codes: N None
State, Zip: FL, 33607	TAT Requested (days):		
Phone:	Compliance Project: Δ Yes Δ No		
Email: antonio.cardoso@arcadis.com	PO #: 1095575		
Project Name: Hercules Hattiesburg, MS	WO #:		Other:
Site:	Project #: 86006085		
	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Wwater, Ssolid, Owaste/oil, BT=Tissue, Aair)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ (MOD) Appendix 9 SVOCs	8260D (MOD) Appendix 9 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
MW-54	11/8/24	0820	G	Water	N	N	X	X	7	
MW-75	"	0829	G	Water	N	N	X	X	7	
RB-04	"	0842	G	Water	N	N	X	X	7	
MW-52-S	"	0910	G	Water	N	N	X	X	7	
MW-53	"	0927	G	Water	N	N	X	X	7	
DUP-04	"	—	G	Water	N	N	X	X	7	
MW-52-D	"	0952	G	Water	N	N	X	X	7	
MW-50	"	1016	G	Water	N	N	X	X	7	
FB-04	"	1016	G	Water	N	N	—	X	3	
TB-04 (11-08-24)	"	—	G	Water	N	N	—	X	2	
				Water						

Temp: 4.1 IR ID:HOU-368
C/F: -0.1
Corrected Temp: 4.0

860-86678 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 11-8-24 / 1100	Company: Arcadis	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 11/9/24 8:55	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: Ashland LLC

Job Number: 860-86678-1

Login Number: 86678

List Source: Eurofins Houston

List Number: 1

Creator: Torrez, Lisandra

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

eurofins | Environment Testing

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

ANALYTICAL REPORT

PREPARED FOR

Attn: Timothy Hassett
Ashland LLC
Ashland Hercules Research Center
500 Hercules Rd Bldg 8145
Wilmington, Delaware 19808

Generated 12/18/2024 2:53:38 PM

JOB DESCRIPTION

Hercules Hattiesburg, MS

JOB NUMBER

860-86901-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
12/18/2024 2:53:38 PM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

Job Narrative
860-86901-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/13/2024 9:46 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°C.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200175 recovered above the upper control limit for 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 2-Methylphenol, Benzidine, Hexachloroethane and 1,2-Dichlorobenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-200175/2).

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200733 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: (CCV 860-200733/3) and (CCVIS 860-200733/2).

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-204030 recovered above the upper control limit for Thionazin. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-204030/3).

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: CM-05 (860-86901-1), CM-04 (860-86901-2), CM-03 (860-86901-3), CM-02 (860-86901-4), CM-01 (860-86901-5) and CM-00 (860-86901-6). These results have been reported and qualified.

Method 8270E_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: CM-05 (860-86901-1) and CM-04 (860-86901-2). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The surrogate recovery for the method blank, laboratory control sample and laboratory control sample duplicate associated with preparation batch 860-204625 and analytical batch 860-205425 was outside the upper control limits.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-205425 recovered above the upper control limit for p-Terphenyl-d14 (Surr), Benzo[b]fluoranthene, Benzo[a]anthracene, Anthracene, Chrysene and Phenanthrene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-205425/2).

Job ID: 860-86901-1 (Continued) Eurofins Houston

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-199539 and analytical batch 860-200733 recovered outside control limits for multiple analytes. The associated sample was re-prepared and re-analyzed outside holding time.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-205499 recovered above the upper control limit for p-Terphenyl-d14. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-205499/2).

Method 8270E_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: CM-05 (860-86901-1) and CM-04 (860-86901-2). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-204625 and analytical batch 860-205425 recovered outside control limits for multiple analytes. The associated sample(s) was re-prepared and/or re-analyzed outside holding time.

Method 8270E_QQQ: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-204625 and analytical batch 860-205425 recovered outside control limits for the following analyte: Sulfotepp. This analyte was biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate(LCS/LCSD) for preparation batch 860-199539 and analytical batch 860-200175 recovered outside control limits for multiple analytes. The associated sample(s) was re-prepared and/or re-analyzed outside holding time.

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: (860-86937-G-6-B MS). These results have been reported and qualified.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-205491 recovered above the upper control limit for p-Terphenyl-d4, Hexachloroethane, Benzo[b]fluoranthene, Chrysene, Benzo[a]anthracene and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-205491/2).

Method 8270E_QQQ: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 860-204625 and analytical batch 860-205491 were outside control limits.

Method 8270E_QQQ: Due to the high concentration of Phenyl ether, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 860-204625 and analytical batch 860-205491 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8270E_QQQ: The following samples were re-prepared outside of preparation holding time due to initial analysis LCS/LCSD recoveries outside control limits (biased low): CM-05 (860-86901-1), CM-04 (860-86901-2), CM-03 (860-86901-3), CM-02 (860-86901-4), CM-01 (860-86901-5) and CM-00 (860-86901-6).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-205491 recovered above the upper control limit for Di-n-octyl phthalate, p-Terphenyl-d14, Benzo[b]fluoranthene, Chrysene, Hexachloroethane and Benzo[a]anthracene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-205491/2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Ashland LLC
Job ID: 860-86901-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: CM-05 — Lab Sample ID: 860-86901-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.508	J	1.00	0.464	ug/L	1		8260D	Total/NA
Diphenyl ether	0.237	J	0.569	0.0906	ug/L	1		8270E	Total/NA
o,o',o''-Triethylphosphorothioate	3.44	*+ *- *1	0.569	0.138	ug/L	1		8270E	Total/NA
1,4-Dioxane - DL	34.6		5.69	0.886	ug/L	10		8270E	Total/NA
Bis(2-ethylhexyl) phthalate - RE	3.69	*+ H	1.14	0.895	ug/L	1		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - RE	2.34	H	0.568	0.137	ug/L	1		8270E	Total/NA
1,4-Dioxane - REDL	26.3	H	5.68	0.885	ug/L	10		8270E	Total/NA

Client Sample ID: CM-04 — Lab Sample ID: 860-86901-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diphenyl ether	0.784		0.570	0.0907	ug/L	1		8270E	Total/NA
o,o',o''-Triethylphosphorothioate	4.34	*+ *- *1	0.570	0.138	ug/L	1		8270E	Total/NA
1,4-Dioxane - DL	47.0		5.70	0.887	ug/L	10		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - RE	2.96	H	0.567	0.137	ug/L	1		8270E	Total/NA
1,4-Dioxane - REDL	38.9	H	5.67	0.884	ug/L	10		8270E	Total/NA

Client Sample ID: CM-03 — Lab Sample ID: 860-86901-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.789		0.567	0.0884	ug/L	1		8270E	Total/NA
Diphenyl ether	0.841		0.567	0.0903	ug/L	1		8270E	Total/NA
o,o',o''-Triethylphosphorothioate	0.952	*+ *- *1	0.567	0.137	ug/L	1		8270E	Total/NA
Sulfotepp	0.373	J *+	0.567	0.146	ug/L	1		8270E	Total/NA
1,4-Dioxane - RE	0.731	H	0.567	0.0884	ug/L	1		8270E	Total/NA
Diphenyl ether - RE	0.130	J H	0.567	0.0903	ug/L	1		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - RE	0.624	H	0.567	0.137	ug/L	1		8270E	Total/NA

Client Sample ID: CM-02 — Lab Sample ID: 860-86901-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.571		0.567	0.0884	ug/L	1		8270E	Total/NA
1,4-Dioxane - RE	0.541	J H	0.570	0.0887	ug/L	1		8270E	Total/NA

Client Sample ID: CM-01 — Lab Sample ID: 860-86901-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	5.11		0.573	0.0893	ug/L	1		8270E	Total/NA
1,4-Dioxane - RE	4.02	H	0.567	0.0884	ug/L	1		8270E	Total/NA
2-Nitroaniline - RE	0.207	J I H	0.567	0.148	ug/L	1		8270E	Total/NA
Di-n-octyl phthalate - RE	0.827	J I H	1.13	0.267	ug/L	1		8270E	Total/NA

Client Sample ID: CM-00 — Lab Sample ID: 860-86901-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.494	J	1.00	0.464	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.240	J	0.571	0.0890	ug/L	1		8270E	Total/NA
1,4-Dioxane - RE	0.142	J I H	0.573	0.0893	ug/L	1		8270E	Total/NA

Client Sample ID: TB-07 (111224) — Lab Sample ID: 860-86901-7

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86901-1

Client Sample ID: CM-05
Date Collected: 11/12/24 07:55
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/15/24 21:20	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/15/24 21:20	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/15/24 21:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/15/24 21:20	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/15/24 21:20	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/15/24 21:20	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/15/24 21:20	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/15/24 21:20	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/15/24 21:20	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/15/24 21:20	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/15/24 21:20	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/15/24 21:20	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/15/24 21:20	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/15/24 21:20	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/15/24 21:20	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/15/24 21:20	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/15/24 21:20	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/15/24 21:20	1
2-Propanol	<5.23	U F1	10.0	5.23	ug/L			11/15/24 21:20	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/15/24 21:20	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/15/24 21:20	1
Acetone	<3.07	U	100	3.07	ug/L			11/15/24 21:20	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/15/24 21:20	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/15/24 21:20	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/15/24 21:20	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/15/24 21:20	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/15/24 21:20	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/15/24 21:20	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/15/24 21:20	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/15/24 21:20	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/15/24 21:20	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/15/24 21:20	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/15/24 21:20	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/15/24 21:20	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/15/24 21:20	1
Chloroform	**0.508**	**J**	1.00	0.464	ug/L			11/15/24 21:20	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/15/24 21:20	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/15/24 21:20	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/15/24 21:20	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/15/24 21:20	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/15/24 21:20	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/15/24 21:20	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/15/24 21:20	1
Dichlorodifluoromethane	<0.785	U F1	1.00	0.785	ug/L			11/15/24 21:20	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/15/24 21:20	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/15/24 21:20	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/15/24 21:20	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/15/24 21:20	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/15/24 21:20	1

Client Sample ID: CM-05
Date Collected: 11/12/24 07:55
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/15/24 21:20	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/15/24 21:20	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/15/24 21:20	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/15/24 21:20	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/15/24 21:20	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/15/24 21:20	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/15/24 21:20	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/15/24 21:20	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/15/24 21:20	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/15/24 21:20	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/15/24 21:20	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/15/24 21:20	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/15/24 21:20	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/15/24 21:20	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/15/24 21:20	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/15/24 21:20	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/15/24 21:20	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/15/24 21:20	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/15/24 21:20	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/15/24 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*63 - 144*		*11/15/24 21:20*	*1*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*11/15/24 21:20*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 131*		*11/15/24 21:20*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/15/24 21:20*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0763	U	0.569	0.0763	ug/L		11/14/24 07:52	12/08/24 23:08	1
1,2-Dichlorobenzene	<0.0937	U	0.569	0.0937	ug/L		11/14/24 07:52	12/08/24 23:08	1
1,3-Dichlorobenzene	<0.101	U	0.569	0.101	ug/L		11/14/24 07:52	12/08/24 23:08	1
1,4-Dichlorobenzene	<0.0776	U	0.569	0.0776	ug/L		11/14/24 07:52	12/08/24 23:08	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.84	1.42	ug/L		11/14/24 07:52	12/08/24 23:08	1
2,4,5-Trichlorophenol	<0.143	U	0.569	0.143	ug/L		11/14/24 07:52	12/08/24 23:08	1
2,4,6-Trichlorophenol	<0.230	U	0.569	0.230	ug/L		11/14/24 07:52	12/08/24 23:08	1
2,4-Dichlorophenol	<0.139	U	0.569	0.139	ug/L		11/14/24 07:52	12/08/24 23:08	1
2,4-Dimethylphenol	<0.191	U *+	0.569	0.191	ug/L		11/14/24 07:52	12/08/24 23:08	1
2,4-Dinitrophenol	<0.104	U	2.84	0.104	ug/L		11/14/24 07:52	12/08/24 23:08	1
2,4-Dinitrotoluene	<0.204	U *+	0.569	0.204	ug/L		11/14/24 07:52	12/08/24 23:08	1
2,6-Dinitrotoluene	<0.116	U	0.569	0.116	ug/L		11/14/24 07:52	12/08/24 23:08	1
2-Chloronaphthalene	<0.377	U	0.569	0.377	ug/L		11/14/24 07:52	12/08/24 23:08	1
2-Methylnaphthalene	<0.0600	U	0.569	0.0600	ug/L		11/14/24 07:52	12/08/24 23:08	1
2-Methylphenol	<0.104	U	0.569	0.104	ug/L		11/14/24 07:52	12/08/24 23:08	1
2-Nitroaniline	<0.148	U *+	0.569	0.148	ug/L		11/14/24 07:52	12/08/24 23:08	1
2-Nitrophenol	<0.135	U	0.569	0.135	ug/L		11/14/24 07:52	12/08/24 23:08	1
3 & 4 Methylphenol	<0.138	U	0.569	0.138	ug/L		11/14/24 07:52	12/08/24 23:08	1
3-Nitroaniline	<0.0849	U	0.569	0.0849	ug/L		11/14/24 07:52	12/08/24 23:08	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/14/24 07:52	12/08/24 23:08	1
4-Bromophenyl phenyl ether	<0.0999	U *+	0.569	0.0999	ug/L		11/14/24 07:52	12/08/24 23:08	1

Client: Ashland LLC
Job ID: 860-86901-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: CM-05
Lab Sample ID: 860-86901-1
Date Collected: 11/12/24 07:55
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	<0.103	U	0.569	0.103	ug/L		11/14/24 07:52	12/08/24 23:08	1
4-Chloroaniline	<0.0384	U	0.569	0.0384	ug/L		11/14/24 07:52	12/08/24 23:08	1
4-Chlorophenyl phenyl ether	<0.130	U	0.569	0.130	ug/L		11/14/24 07:52	12/08/24 23:08	1
4-Nitroaniline	<0.108	U *+	0.569	0.108	ug/L		11/14/24 07:52	12/08/24 23:08	1
Acenaphthene	<0.107	U	0.569	0.107	ug/L		11/14/24 07:52	12/08/24 23:08	1
Acenaphthylene	<0.0992	U	0.569	0.0992	ug/L		11/14/24 07:52	12/08/24 23:08	1
Aniline	<0.0577	U	0.569	0.0577	ug/L		11/14/24 07:52	12/08/24 23:08	1
Anthracene	<0.0934	U	0.569	0.0934	ug/L		11/14/24 07:52	12/08/24 23:08	1
Benzo[a]anthracene	<0.0284	U	0.0284	0.0284	ug/L		11/14/24 07:52	12/08/24 23:08	1
Benzo[a]pyrene	<0.0299	U	0.0569	0.0299	ug/L		11/14/24 07:52	12/08/24 23:08	1
Benzo[b]fluoranthene	<0.0661	U	0.569	0.0661	ug/L		11/14/24 07:52	12/08/24 23:08	1
Benzo[g,h,i]perylene	<0.0344	U	0.569	0.0344	ug/L		11/14/24 07:52	12/08/24 23:08	1
Benzo[k]fluoranthene	<0.0470	U	0.569	0.0470	ug/L		11/14/24 07:52	12/08/24 23:08	1
Benzyl alcohol	<0.597	U	1.14	0.597	ug/L		11/14/24 07:52	12/08/24 23:08	1
Bis(2-chloroethoxy)methane	<0.0970	U	0.569	0.0970	ug/L		11/14/24 07:52	12/08/24 23:08	1
Bis(2-chloroethyl)ether	<0.213	U *+	0.569	0.213	ug/L		11/14/24 07:52	12/08/24 23:08	1
Bis(2-ethylhexyl) phthalate	<0.896	U	1.14	0.896	ug/L		11/14/24 07:52	12/08/24 23:08	1
Butyl benzyl phthalate	<0.498	U	1.14	0.498	ug/L		11/14/24 07:52	12/08/24 23:08	1
Chrysene	<0.0812	U	0.569	0.0812	ug/L		11/14/24 07:52	12/08/24 23:08	1
Dibenz(a,h)anthracene	<0.0507	U	0.114	0.0507	ug/L		11/14/24 07:52	12/08/24 23:08	1
Dibenzofuran	<0.106	U *+	0.569	0.106	ug/L		11/14/24 07:52	12/08/24 23:08	1
Diethyl phthalate	<0.154	U	1.14	0.154	ug/L		11/14/24 07:52	12/08/24 23:08	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/14/24 07:52	12/08/24 23:08	1
Di-n-butyl phthalate	<0.762	U *+	1.14	0.762	ug/L		11/14/24 07:52	12/08/24 23:08	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/14/24 07:52	12/08/24 23:08	1
Fluoranthene	<0.0879	U	0.569	0.0879	ug/L		11/14/24 07:52	12/08/24 23:08	1
Fluorene	<0.0944	U	0.569	0.0944	ug/L		11/14/24 07:52	12/08/24 23:08	1
Hexachlorobenzene	<0.0971	U	0.569	0.0971	ug/L		11/14/24 07:52	12/08/24 23:08	1
Hexachlorobutadiene	<0.102	U	0.569	0.102	ug/L		11/14/24 07:52	12/08/24 23:08	1
Hexachlorocyclopentadiene	<0.0510	U	0.569	0.0510	ug/L		11/14/24 07:52	12/08/24 23:08	1
Hexachloroethane	<0.101	U	0.569	0.101	ug/L		11/14/24 07:52	12/08/24 23:08	1
Indeno[1,2,3-cd]pyrene	<0.0996	U	0.569	0.0996	ug/L		11/14/24 07:52	12/08/24 23:08	1
Isophorone	<0.106	U	0.569	0.106	ug/L		11/14/24 07:52	12/08/24 23:08	1
Naphthalene	<0.0940	U	0.569	0.0940	ug/L		11/14/24 07:52	12/08/24 23:08	1
Nitrobenzene	<0.0733	U	0.569	0.0733	ug/L		11/14/24 07:52	12/08/24 23:08	1
N-Nitrosodi-n-propylamine	<0.118	U	0.569	0.118	ug/L		11/14/24 07:52	12/08/24 23:08	1
N-Nitrosodiphenylamine	<0.144	U *+	0.569	0.144	ug/L		11/14/24 07:52	12/08/24 23:08	1
Pentachlorophenol	<1.03	U	1.14	1.03	ug/L		11/14/24 07:52	12/08/24 23:08	1
Phenanthrene	<0.133	U *+	0.569	0.133	ug/L		11/14/24 07:52	12/08/24 23:08	1
Phenol	<0.446	U	2.84	0.446	ug/L		11/14/24 07:52	12/08/24 23:08	1
Pyrene	<0.0845	U	0.569	0.0845	ug/L		11/14/24 07:52	12/08/24 23:08	1
Pyridine	<1.43	U	2.84	1.43	ug/L		11/14/24 07:52	12/08/24 23:08	1
N-Nitro-o-toluidine	<0.518	U	1.14	0.518	ug/L		11/14/24 07:52	12/08/24 23:08	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.569	0.210	ug/L		11/14/24 07:52	12/08/24 23:08	1
Acetophenone	<0.621	U	1.14	0.621	ug/L		11/14/24 07:52	12/08/24 23:08	1
N-Nitrosopiperidine	<0.465	U	1.14	0.465	ug/L		11/14/24 07:52	12/08/24 23:08	1
Pentachlorobenzene	<0.265	U	0.569	0.265	ug/L		11/14/24 07:52	12/08/24 23:08	1
Diphenyl ether	**0.237**	**J**	0.569	0.0906	ug/L		11/14/24 07:52	12/08/24 23:08	1
1,1'-Biphenyl	<0.0977	U	0.569	0.0977	ug/L		11/14/24 07:52	12/08/24 23:08	1

Client Sample ID: CM-05
Lab Sample ID: 860-86901-1
Date Collected: 11/12/24 07:55
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Aminobiphenyl	<0.392	U	0.569	0.392	ug/L		11/14/24 07:52	12/08/24 23:08	1
1,2,4,5-Tetrachlorobenzene	<0.0953	U *-	0.569	0.0953	ug/L		11/14/24 07:52	12/08/24 23:08	1
1,3,5-Trinitrobenzene	<0.118	U *+	0.569	0.118	ug/L		11/14/24 07:52	12/08/24 23:08	1
1,3-Dinitrobenzene	<0.0770	U *+	0.569	0.0770	ug/L		11/14/24 07:52	12/08/24 23:08	1
1,4-Naphthoquinone	<0.313	U	0.569	0.313	ug/L		11/14/24 07:52	12/08/24 23:08	1
1-Naphthylamine	<0.148	U	0.569	0.148	ug/L		11/14/24 07:52	12/08/24 23:08	1
2,6-Dichlorophenol	<0.118	U	0.569	0.118	ug/L		11/14/24 07:52	12/08/24 23:08	1
2-Acetylaminofluorene	<1.26	U *+	2.84	1.26	ug/L		11/14/24 07:52	12/08/24 23:08	1
2-Chlorophenol	<0.0753	U *+	0.569	0.0753	ug/L		11/14/24 07:52	12/08/24 23:08	1
2-Naphthylamine	<0.287	U	0.569	0.287	ug/L		11/14/24 07:52	12/08/24 23:08	1
2-Picoline	<0.122	U	0.569	0.122	ug/L		11/14/24 07:52	12/08/24 23:08	1
2-Toluidine	<0.305	U	0.569	0.305	ug/L		11/14/24 07:52	12/08/24 23:08	1
3,3'-Dichlorobenzidine	<0.182	U	0.569	0.182	ug/L		11/14/24 07:52	12/08/24 23:08	1
3,3'-Dimethylbenzidine	<0.141	U *+	0.569	0.141	ug/L		11/14/24 07:52	12/08/24 23:08	1
3-Methylcholanthrene	<0.104	U	0.569	0.104	ug/L		11/14/24 07:52	12/08/24 23:08	1
4-Nitroquinoline-1-oxide	<0.727	U *+	1.14	0.727	ug/L		11/14/24 07:52	12/08/24 23:08	1
7,12-Dimethylbenz(a)anthracene	<0.240	U	0.569	0.240	ug/L		11/14/24 07:52	12/08/24 23:08	1
alpha,alpha-Dimethyl phenethylamine	<3.65	U *- *1	5.69	3.65	ug/L		11/14/24 07:52	12/08/24 23:08	1
Aramite Peak 1	<0.0782	U *+	0.569	0.0782	ug/L		11/14/24 07:52	12/08/24 23:08	1
Aramite Peak 2	<0.0950	U *+	0.569	0.0950	ug/L		11/14/24 07:52	12/08/24 23:08	1
Aramite, Total	<0.0950	U	0.569	0.0950	ug/L		11/14/24 07:52	12/08/24 23:08	1
Diallate	<0.0831	U	0.569	0.0831	ug/L		11/14/24 07:52	12/08/24 23:08	1
Diallate Peak 1	<0.0831	U *+	0.569	0.0831	ug/L		11/14/24 07:52	12/08/24 23:08	1
Diallate Peak 2	<0.0384	U *+	0.569	0.0384	ug/L		11/14/24 07:52	12/08/24 23:08	1
Dimethoate	<0.121	U *+	0.569	0.121	ug/L		11/14/24 07:52	12/08/24 23:08	1
Dinoseb	<0.567	U *+	2.84	0.567	ug/L		11/14/24 07:52	12/08/24 23:08	1
Disulfoton	<0.202	U *+	0.569	0.202	ug/L		11/14/24 07:52	12/08/24 23:08	1
Ethyl methanesulfonate	<0.226	U	0.569	0.226	ug/L		11/14/24 07:52	12/08/24 23:08	1
Ethyl Parathion	<0.0500	U *+	0.228	0.0500	ug/L		11/14/24 07:52	12/08/24 23:08	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/14/24 07:52	12/08/24 23:08	1
Hexachloropropene	<0.298	U *-	0.569	0.298	ug/L		11/14/24 07:52	12/08/24 23:08	1
Isosafrole	<0.240	U	0.569	0.240	ug/L		11/14/24 07:52	12/08/24 23:08	1
Isosafrole Peak 1	<0.0461	U	0.569	0.0461	ug/L		11/14/24 07:52	12/08/24 23:08	1
Isosafrole Peak 2	<0.240	U	0.569	0.240	ug/L		11/14/24 07:52	12/08/24 23:08	1
Methapyrilene	<0.995	U *+	2.28	0.995	ug/L		11/14/24 07:52	12/08/24 23:08	1
Methyl methanesulfonate	<0.119	U	0.569	0.119	ug/L		11/14/24 07:52	12/08/24 23:08	1
Methyl parathion	<0.318	U *+	0.569	0.318	ug/L		11/14/24 07:52	12/08/24 23:08	1
N-Nitrosodiethylamine	<0.536	U	1.14	0.536	ug/L		11/14/24 07:52	12/08/24 23:08	1
N-Nitrosodimethylamine	<0.0996	U *-	0.569	0.0996	ug/L		11/14/24 07:52	12/08/24 23:08	1
N-Nitrosodi-n-butylamine	<0.513	U *+	1.14	0.513	ug/L		11/14/24 07:52	12/08/24 23:08	1
N-Nitrosomethylethylamine	<0.293	U	0.569	0.293	ug/L		11/14/24 07:52	12/08/24 23:08	1
N-Nitrosomorpholine	<0.219	U	0.569	0.219	ug/L		11/14/24 07:52	12/08/24 23:08	1
N-Nitrosopyrrolidine	<0.267	U	0.569	0.267	ug/L		11/14/24 07:52	12/08/24 23:08	1
o,o',o''-Triethylphosphorothioate	**3.44**	***+ *- *1**	0.569	0.138	ug/L		11/14/24 07:52	12/08/24 23:08	1
p-Dimethylamino azobenzene	<0.0237	U *+	0.569	0.0237	ug/L		11/14/24 07:52	12/08/24 23:08	1
Pentachloronitrobenzene	<0.0996	U *+	0.569	0.0996	ug/L		11/14/24 07:52	12/08/24 23:08	1
Phenacetin	<0.0996	U *+	0.569	0.0996	ug/L		11/14/24 07:52	12/08/24 23:08	1
Phorate	<0.220	U *+	0.569	0.220	ug/L		11/14/24 07:52	12/08/24 23:08	1
p-Phenylene diamine	<0.498	U *-	1.14	0.498	ug/L		11/14/24 07:52	12/08/24 23:08	1

Client Sample ID: CM-05
Lab Sample ID: 860-86901-1
Date Collected: 11/12/24 07:55
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pronamide	<0.0996	U *+	0.569	0.0996	ug/L		11/14/24 07:52	12/08/24 23:08	1
Safrole, Total	<0.0569	U	0.569	0.0569	ug/L		11/14/24 07:52	12/08/24 23:08	1
Sulfotepp	<0.146	U *+	0.569	0.146	ug/L		11/14/24 07:52	12/08/24 23:08	1
Thionazin	<0.207	U *+	1.14	0.207	ug/L		11/14/24 07:52	12/08/24 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*122*		*35 - 130*	*11/14/24 07:52*	*12/08/24 23:08*	*1*
2-Fluorobiphenyl	*116*		*43 - 130*	*11/14/24 07:52*	*12/08/24 23:08*	*1*
2-Fluorophenol (Surr)	*78*		*19 - 120*	*11/14/24 07:52*	*12/08/24 23:08*	*1*
Nitrobenzene-d5 (Surr)	*147*	*S1+*	*37 - 133*	*11/14/24 07:52*	*12/08/24 23:08*	*1*
Phenol-d5 (Surr)	*47*		*8 - 124*	*11/14/24 07:52*	*12/08/24 23:08*	*1*
p-Terphenyl-d14	*121*		*47 - 130*	*11/14/24 07:52*	*12/08/24 23:08*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**34.6**		5.69	0.886	ug/L		11/14/24 07:52	12/11/24 14:29	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*87*		*35 - 130*	*11/14/24 07:52*	*12/11/24 14:29*	*10*
2-Fluorobiphenyl	*133*	*S1+*	*43 - 130*	*11/14/24 07:52*	*12/11/24 14:29*	*10*
2-Fluorophenol (Surr)	*83*		*19 - 120*	*11/14/24 07:52*	*12/11/24 14:29*	*10*
Nitrobenzene-d5 (Surr)	*135*	*S1+*	*37 - 133*	*11/14/24 07:52*	*12/11/24 14:29*	*10*
Phenol-d5 (Surr)	*58*		*8 - 124*	*11/14/24 07:52*	*12/11/24 14:29*	*10*
p-Terphenyl-d14	*133*	*S1+*	*47 - 130*	*11/14/24 07:52*	*12/11/24 14:29*	*10*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0762	U H	0.568	0.0762	ug/L		12/11/24 04:48	12/14/24 20:12	1
1,2-Dichlorobenzene	<0.0935	U H	0.568	0.0935	ug/L		12/11/24 04:48	12/14/24 20:12	1
1,3-Dichlorobenzene	<0.101	U H	0.568	0.101	ug/L		12/11/24 04:48	12/14/24 20:12	1
1,4-Dichlorobenzene	<0.0775	U H	0.568	0.0775	ug/L		12/11/24 04:48	12/14/24 20:12	1
2,2'-oxybis[1-chloropropane]	<1.42	U H	2.84	1.42	ug/L		12/11/24 04:48	12/14/24 20:12	1
2,4,5-Trichlorophenol	<0.142	U H	0.568	0.142	ug/L		12/11/24 04:48	12/14/24 20:12	1
2,4,6-Trichlorophenol	<0.229	U H	0.568	0.229	ug/L		12/11/24 04:48	12/14/24 20:12	1
2,4-Dichlorophenol	<0.139	U H	0.568	0.139	ug/L		12/11/24 04:48	12/14/24 20:12	1
2,4-Dimethylphenol	<0.191	U *+ H	0.568	0.191	ug/L		12/11/24 04:48	12/14/24 20:12	1
2,4-Dinitrophenol	<0.104	U H	2.84	0.104	ug/L		12/11/24 04:48	12/14/24 20:12	1
2,4-Dinitrotoluene	<0.203	U H	0.568	0.203	ug/L		12/11/24 04:48	12/14/24 20:12	1
2,6-Dinitrotoluene	<0.116	U H	0.568	0.116	ug/L		12/11/24 04:48	12/14/24 20:12	1
2-Chloronaphthalene	<0.376	U H	0.568	0.376	ug/L		12/11/24 04:48	12/14/24 20:12	1
2-Methylnaphthalene	<0.0599	U H	0.568	0.0599	ug/L		12/11/24 04:48	12/14/24 20:12	1
2-Methylphenol	<0.104	U H	0.568	0.104	ug/L		12/11/24 04:48	12/14/24 20:12	1
2-Nitroaniline	<0.148	U H	0.568	0.148	ug/L		12/11/24 04:48	12/14/24 20:12	1
2-Nitrophenol	<0.135	U H	0.568	0.135	ug/L		12/11/24 04:48	12/14/24 20:12	1
3 & 4 Methylphenol	<0.138	U H	0.568	0.138	ug/L		12/11/24 04:48	12/14/24 20:12	1
3-Nitroaniline	<0.0848	U H	0.568	0.0848	ug/L		12/11/24 04:48	12/14/24 20:12	1
4,6-Dinitro-2-methylphenol	<0.200	U H	1.14	0.200	ug/L		12/11/24 04:48	12/14/24 20:12	1
4-Bromophenyl phenyl ether	<0.0997	U H	0.568	0.0997	ug/L		12/11/24 04:48	12/14/24 20:12	1
4-Chloro-3-methylphenol	<0.103	U H	0.568	0.103	ug/L		12/11/24 04:48	12/14/24 20:12	1
4-Chloroaniline	<0.0383	U H	0.568	0.0383	ug/L		12/11/24 04:48	12/14/24 20:12	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86901-1

Client Sample ID: CM-05
Date Collected: 11/12/24 07:55
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	<0.130	U H	0.568	0.130	ug/L		12/11/24 04:48	12/14/24 20:12	1
4-Nitroaniline	<0.108	U H	0.568	0.108	ug/L		12/11/24 04:48	12/14/24 20:12	1
Acenaphthene	<0.107	U H	0.568	0.107	ug/L		12/11/24 04:48	12/14/24 20:12	1
Acenaphthylene	<0.0991	U H	0.568	0.0991	ug/L		12/11/24 04:48	12/14/24 20:12	1
Aniline	<0.0576	U H	0.568	0.0576	ug/L		12/11/24 04:48	12/14/24 20:12	1
Anthracene	<0.0933	U *+ H	0.568	0.0933	ug/L		12/11/24 04:48	12/14/24 20:12	1
Benzo[a]anthracene	<0.0284	U *+ H	0.0284	0.0284	ug/L		12/11/24 04:48	12/14/24 20:12	1
Benzo[a]pyrene	<0.0298	U H	0.0568	0.0298	ug/L		12/11/24 04:48	12/14/24 20:12	1
Benzo[b]fluoranthene	<0.0660	U *+ H	0.568	0.0660	ug/L		12/11/24 04:48	12/14/24 20:12	1
Benzo[g,h,i]perylene	<0.0343	U H	0.568	0.0343	ug/L		12/11/24 04:48	12/14/24 20:12	1
Benzo[k]fluoranthene	<0.0470	U H	0.568	0.0470	ug/L		12/11/24 04:48	12/14/24 20:12	1
Benzyl alcohol	<0.597	U H	1.14	0.597	ug/L		12/11/24 04:48	12/14/24 20:12	1
Bis(2-chloroethoxy)methane	<0.0969	U H	0.568	0.0969	ug/L		12/11/24 04:48	12/14/24 20:12	1
Bis(2-chloroethyl)ether	<0.213	U H	0.568	0.213	ug/L		12/11/24 04:48	12/14/24 20:12	1
Bis(2-ethylhexyl) phthalate	**3.69**	***+ H**	1.14	0.895	ug/L		12/11/24 04:48	12/14/24 20:12	1
Butyl benzyl phthalate	<0.497	U H	1.14	0.497	ug/L		12/11/24 04:48	12/14/24 20:12	1
Chrysene	<0.0811	U *+ H	0.568	0.0811	ug/L		12/11/24 04:48	12/14/24 20:12	1
Dibenz(a,h)anthracene	<0.0506	U H	0.114	0.0506	ug/L		12/11/24 04:48	12/14/24 20:12	1
Dibenzofuran	<0.106	U H	0.568	0.106	ug/L		12/11/24 04:48	12/14/24 20:12	1
Diethyl phthalate	<0.154	U H	1.14	0.154	ug/L		12/11/24 04:48	12/14/24 20:12	1
Dimethyl phthalate	<0.108	U H	1.14	0.108	ug/L		12/11/24 04:48	12/14/24 20:12	1
Di-n-butyl phthalate	<0.761	U H	1.14	0.761	ug/L		12/11/24 04:48	12/14/24 20:12	1
Di-n-octyl phthalate	<0.268	U H	1.14	0.268	ug/L		12/11/24 04:48	12/14/24 20:12	1
Fluoranthene	<0.0878	U H	0.568	0.0878	ug/L		12/11/24 04:48	12/14/24 20:12	1
Fluorene	<0.0943	U H	0.568	0.0943	ug/L		12/11/24 04:48	12/14/24 20:12	1
Hexachlorobenzene	<0.0969	U H	0.568	0.0969	ug/L		12/11/24 04:48	12/14/24 20:12	1
Hexachlorobutadiene	<0.102	U H	0.568	0.102	ug/L		12/11/24 04:48	12/14/24 20:12	1
Hexachlorocyclopentadiene	<0.0509	U *+ H	0.568	0.0509	ug/L		12/11/24 04:48	12/14/24 20:12	1
Hexachloroethane	<0.101	U H	0.568	0.101	ug/L		12/11/24 04:48	12/14/24 20:12	1
Indeno[1,2,3-cd]pyrene	<0.0994	U H	0.568	0.0994	ug/L		12/11/24 04:48	12/14/24 20:12	1
Isophorone	<0.106	U H	0.568	0.106	ug/L		12/11/24 04:48	12/14/24 20:12	1
Naphthalene	<0.0939	U H	0.568	0.0939	ug/L		12/11/24 04:48	12/14/24 20:12	1
Nitrobenzene	<0.0732	U H	0.568	0.0732	ug/L		12/11/24 04:48	12/14/24 20:12	1
N-Nitrosodi-n-propylamine	<0.118	U H	0.568	0.118	ug/L		12/11/24 04:48	12/14/24 20:12	1
N-Nitrosodiphenylamine	<0.144	U H	0.568	0.144	ug/L		12/11/24 04:48	12/14/24 20:12	1
Pentachlorophenol	<1.03	U H	1.14	1.03	ug/L		12/11/24 04:48	12/14/24 20:12	1
Phenanthrene	<0.133	U *+ H	0.568	0.133	ug/L		12/11/24 04:48	12/14/24 20:12	1
Phenol	<0.446	U H	2.84	0.446	ug/L		12/11/24 04:48	12/14/24 20:12	1
Pyrene	<0.0844	U H	0.568	0.0844	ug/L		12/11/24 04:48	12/14/24 20:12	1
Pyridine	<1.43	U H *1	2.84	1.43	ug/L		12/11/24 04:48	12/14/24 20:12	1
N-Nitro-o-toluidine	<0.517	U H	1.14	0.517	ug/L		12/11/24 04:48	12/14/24 20:12	1
2,3,4,6-Tetrachlorophenol	<0.209	U *+ H	0.568	0.209	ug/L		12/11/24 04:48	12/14/24 20:12	1
Acetophenone	<0.620	U H	1.14	0.620	ug/L		12/11/24 04:48	12/14/24 20:12	1
N-Nitrosopiperidine	<0.465	U H	1.14	0.465	ug/L		12/11/24 04:48	12/14/24 20:12	1
Pentachlorobenzene	<0.264	U H	0.568	0.264	ug/L		12/11/24 04:48	12/14/24 20:12	1
Diphenyl ether	<0.0905	U H	0.568	0.0905	ug/L		12/11/24 04:48	12/14/24 20:12	1
1,1'-Biphenyl	<0.0976	U H	0.568	0.0976	ug/L		12/11/24 04:48	12/14/24 20:12	1
4-Aminobiphenyl	<0.392	U H	0.568	0.392	ug/L		12/11/24 04:48	12/14/24 20:12	1
1,2,4,5-Tetrachlorobenzene	<0.0952	U H	0.568	0.0952	ug/L		12/11/24 04:48	12/14/24 20:12	1

Client: Ashland LLC
Job ID: 860-86901-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: CM-05
Lab Sample ID: 860-86901-1
Date Collected: 11/12/24 07:55
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	<0.118	U H	0.568	0.118	ug/L		12/11/24 04:48	12/14/24 20:12	1
1,3-Dinitrobenzene	<0.0768	U H	0.568	0.0768	ug/L		12/11/24 04:48	12/14/24 20:12	1
1,4-Naphthoquinone	<0.313	U H	0.568	0.313	ug/L		12/11/24 04:48	12/14/24 20:12	1
1-Naphthylamine	<0.148	U H	0.568	0.148	ug/L		12/11/24 04:48	12/14/24 20:12	1
2,6-Dichlorophenol	<0.117	U H	0.568	0.117	ug/L		12/11/24 04:48	12/14/24 20:12	1
2-Acetylaminofluorene	<1.26	U *+ H	2.84	1.26	ug/L		12/11/24 04:48	12/14/24 20:12	1
2-Chlorophenol	<0.0752	U H	0.568	0.0752	ug/L		12/11/24 04:48	12/14/24 20:12	1
2-Naphthylamine	<0.286	U H	0.568	0.286	ug/L		12/11/24 04:48	12/14/24 20:12	1
2-Picoline	<0.122	U H	0.568	0.122	ug/L		12/11/24 04:48	12/14/24 20:12	1
2-Toluidine	<0.304	U H	0.568	0.304	ug/L		12/11/24 04:48	12/14/24 20:12	1
3,3'-Dichlorobenzidine	<0.182	U H	0.568	0.182	ug/L		12/11/24 04:48	12/14/24 20:12	1
3,3'-Dimethylbenzidine	<0.141	U H	0.568	0.141	ug/L		12/11/24 04:48	12/14/24 20:12	1
3-Methylcholanthrene	<0.104	U H	0.568	0.104	ug/L		12/11/24 04:48	12/14/24 20:12	1
4-Nitroquinoline-1-oxide	<0.726	U H	1.14	0.726	ug/L		12/11/24 04:48	12/14/24 20:12	1
7,12-Dimethylbenz(a)anthracene	<0.240	U H	0.568	0.240	ug/L		12/11/24 04:48	12/14/24 20:12	1
alpha,alpha-Dimethyl phenethylamine	<3.65	U H *-	5.68	3.65	ug/L		12/11/24 04:48	12/14/24 20:12	1
Aramite Peak 1	<0.0781	U *+ H	0.568	0.0781	ug/L		12/11/24 04:48	12/14/24 20:12	1
Aramite Peak 2	<0.0948	U H	0.568	0.0948	ug/L		12/11/24 04:48	12/14/24 20:12	1
Aramite, Total	<0.0948	U H	0.568	0.0948	ug/L		12/11/24 04:48	12/14/24 20:12	1
Diallate	<0.0830	U H	0.568	0.0830	ug/L		12/11/24 04:48	12/14/24 20:12	1
Diallate Peak 1	<0.0830	U H	0.568	0.0830	ug/L		12/11/24 04:48	12/14/24 20:12	1
Diallate Peak 2	<0.0383	U H	0.568	0.0383	ug/L		12/11/24 04:48	12/14/24 20:12	1
Dimethoate	<0.121	U H	0.568	0.121	ug/L		12/11/24 04:48	12/14/24 20:12	1
Dinoseb	<0.566	U H	2.84	0.566	ug/L		12/11/24 04:48	12/14/24 20:12	1
Disulfoton	<0.202	U H	0.568	0.202	ug/L		12/11/24 04:48	12/14/24 20:12	1
Ethyl methanesulfonate	<0.225	U H	0.568	0.225	ug/L		12/11/24 04:48	12/14/24 20:12	1
Ethyl Parathion	<0.0499	U H	0.227	0.0499	ug/L		12/11/24 04:48	12/14/24 20:12	1
Famphur	<0.150	U H	1.14	0.150	ug/L		12/11/24 04:48	12/14/24 20:12	1
Hexachloropropene	<0.298	U H	0.568	0.298	ug/L		12/11/24 04:48	12/14/24 20:12	1
Isosafrole	<0.239	U H	0.568	0.239	ug/L		12/11/24 04:48	12/14/24 20:12	1
Isosafrole Peak 1	<0.0461	U H	0.568	0.0461	ug/L		12/11/24 04:48	12/14/24 20:12	1
Isosafrole Peak 2	<0.239	U H	0.568	0.239	ug/L		12/11/24 04:48	12/14/24 20:12	1
Methapyrilene	<0.994	U H	2.27	0.994	ug/L		12/11/24 04:48	12/14/24 20:12	1
Methyl methanesulfonate	<0.119	U H	0.568	0.119	ug/L		12/11/24 04:48	12/14/24 20:12	1
Methyl parathion	<0.318	U H	0.568	0.318	ug/L		12/11/24 04:48	12/14/24 20:12	1
N-Nitrosodiethylamine	<0.535	U H	1.14	0.535	ug/L		12/11/24 04:48	12/14/24 20:12	1
N-Nitrosodimethylamine	<0.0994	U H *-	0.568	0.0994	ug/L		12/11/24 04:48	12/14/24 20:12	1
N-Nitrosodi-n-butylamine	<0.513	U H	1.14	0.513	ug/L		12/11/24 04:48	12/14/24 20:12	1
N-Nitrosomethylethylamine	<0.292	U H	0.568	0.292	ug/L		12/11/24 04:48	12/14/24 20:12	1
N-Nitrosomorpholine	<0.219	U H	0.568	0.219	ug/L		12/11/24 04:48	12/14/24 20:12	1
N-Nitrosopyrrolidine	<0.266	U H	0.568	0.266	ug/L		12/11/24 04:48	12/14/24 20:12	1
o,o',o''-Triethylphosphorothioate	**2.34**	**H**	0.568	0.137	ug/L		12/11/24 04:48	12/14/24 20:12	1
p-Dimethylamino azobenzene	<0.0236	U H	0.568	0.0236	ug/L		12/11/24 04:48	12/14/24 20:12	1
Pentachloronitrobenzene	<0.0994	U H	0.568	0.0994	ug/L		12/11/24 04:48	12/14/24 20:12	1
Phenacetin	<0.0994	U H	0.568	0.0994	ug/L		12/11/24 04:48	12/14/24 20:12	1
Phorate	<0.220	U H	0.568	0.220	ug/L		12/11/24 04:48	12/14/24 20:12	1
p-Phenylene diamine	<0.497	U H *-	1.14	0.497	ug/L		12/11/24 04:48	12/14/24 20:12	1
Pronamide	<0.0994	U H	0.568	0.0994	ug/L		12/11/24 04:48	12/14/24 20:12	1
Safrole, Total	<0.0568	U H	0.568	0.0568	ug/L		12/11/24 04:48	12/14/24 20:12	1

Client Sample ID: CM-05
Lab Sample ID: 860-86901-1
Date Collected: 11/12/24 07:55
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfotepp	<0.146	U H	0.568	0.146	ug/L		12/11/24 04:48	12/14/24 20:12	1
Thionazin	<0.207	U H	1.14	0.207	ug/L		12/11/24 04:48	12/14/24 20:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*35 - 130*	*12/11/24 04:48*	*12/14/24 20:12*	*1*
2-Fluorobiphenyl	*87*		*43 - 130*	*12/11/24 04:48*	*12/14/24 20:12*	*1*
2-Fluorophenol (Surr)	*67*		*19 - 120*	*12/11/24 04:48*	*12/14/24 20:12*	*1*
Nitrobenzene-d5 (Surr)	*99*		*37 - 133*	*12/11/24 04:48*	*12/14/24 20:12*	*1*
Phenol-d5 (Surr)	*45*		*8 - 124*	*12/11/24 04:48*	*12/14/24 20:12*	*1*
p-Terphenyl-d14	*111*		*47 - 130*	*12/11/24 04:48*	*12/14/24 20:12*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	26.3	H	5.68	0.885	ug/L		12/11/24 04:48	12/15/24 22:57	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*35 - 130*	*12/11/24 04:48*	*12/15/24 22:57*	*10*
2-Fluorobiphenyl	*73*		*43 - 130*	*12/11/24 04:48*	*12/15/24 22:57*	*10*
2-Fluorophenol (Surr)	*60*		*19 - 120*	*12/11/24 04:48*	*12/15/24 22:57*	*10*
Nitrobenzene-d5 (Surr)	*90*		*37 - 133*	*12/11/24 04:48*	*12/15/24 22:57*	*10*
Phenol-d5 (Surr)	*37*		*8 - 124*	*12/11/24 04:48*	*12/15/24 22:57*	*10*
p-Terphenyl-d14	*91*		*47 - 130*	*12/11/24 04:48*	*12/15/24 22:57*	*10*

Client Sample ID: CM-04
Lab Sample ID: 860-86901-2
Date Collected: 11/12/24 08:15
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/16/24 01:53	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/16/24 01:53	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/16/24 01:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/16/24 01:53	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/16/24 01:53	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/16/24 01:53	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/16/24 01:53	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/16/24 01:53	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/16/24 01:53	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/16/24 01:53	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/16/24 01:53	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/16/24 01:53	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/16/24 01:53	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/16/24 01:53	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/16/24 01:53	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/16/24 01:53	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/16/24 01:53	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/16/24 01:53	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/16/24 01:53	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/16/24 01:53	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/16/24 01:53	1
Acetone	<3.07	U	100	3.07	ug/L			11/16/24 01:53	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86901-1

Client Sample ID: CM-04
Date Collected: 11/12/24 08:15
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetonitrile	<14.6	U	100	14.6	ug/L			11/16/24 01:53	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/16/24 01:53	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/16/24 01:53	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/16/24 01:53	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/16/24 01:53	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/16/24 01:53	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/16/24 01:53	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/16/24 01:53	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/16/24 01:53	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/16/24 01:53	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/16/24 01:53	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/16/24 01:53	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/16/24 01:53	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/16/24 01:53	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/16/24 01:53	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/16/24 01:53	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/16/24 01:53	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/16/24 01:53	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/16/24 01:53	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/16/24 01:53	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/16/24 01:53	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/16/24 01:53	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/16/24 01:53	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/16/24 01:53	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/16/24 01:53	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/16/24 01:53	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/16/24 01:53	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/16/24 01:53	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/16/24 01:53	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/16/24 01:53	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/16/24 01:53	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/16/24 01:53	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/16/24 01:53	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/16/24 01:53	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/16/24 01:53	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/16/24 01:53	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/16/24 01:53	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/16/24 01:53	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/16/24 01:53	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/16/24 01:53	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/16/24 01:53	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/16/24 01:53	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/16/24 01:53	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/16/24 01:53	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/16/24 01:53	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/16/24 01:53	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/16/24 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*63 - 144*		*11/16/24 01:53*	*1*

Client Sample ID: CM-04
Lab Sample ID: 860-86901-2
Date Collected: 11/12/24 08:15
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*11/16/24 01:53*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 131*		*11/16/24 01:53*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/16/24 01:53*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0764	U	0.570	0.0764	ug/L		11/14/24 07:52	12/08/24 23:38	1
1,2-Dichlorobenzene	<0.0938	U	0.570	0.0938	ug/L		11/14/24 07:52	12/08/24 23:38	1
1,3-Dichlorobenzene	<0.101	U	0.570	0.101	ug/L		11/14/24 07:52	12/08/24 23:38	1
1,4-Dichlorobenzene	<0.0777	U	0.570	0.0777	ug/L		11/14/24 07:52	12/08/24 23:38	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.85	1.42	ug/L		11/14/24 07:52	12/08/24 23:38	1
2,4,5-Trichlorophenol	<0.143	U	0.570	0.143	ug/L		11/14/24 07:52	12/08/24 23:38	1
2,4,6-Trichlorophenol	<0.230	U	0.570	0.230	ug/L		11/14/24 07:52	12/08/24 23:38	1
2,4-Dichlorophenol	<0.140	U	0.570	0.140	ug/L		11/14/24 07:52	12/08/24 23:38	1
2,4-Dimethylphenol	<0.192	U *+	0.570	0.192	ug/L		11/14/24 07:52	12/08/24 23:38	1
2,4-Dinitrophenol	<0.104	U	2.85	0.104	ug/L		11/14/24 07:52	12/08/24 23:38	1
2,4-Dinitrotoluene	<0.204	U *+	0.570	0.204	ug/L		11/14/24 07:52	12/08/24 23:38	1
2,6-Dinitrotoluene	<0.116	U	0.570	0.116	ug/L		11/14/24 07:52	12/08/24 23:38	1
2-Chloronaphthalene	<0.377	U	0.570	0.377	ug/L		11/14/24 07:52	12/08/24 23:38	1
2-Methylnaphthalene	<0.0601	U	0.570	0.0601	ug/L		11/14/24 07:52	12/08/24 23:38	1
2-Methylphenol	<0.104	U	0.570	0.104	ug/L		11/14/24 07:52	12/08/24 23:38	1
2-Nitroaniline	<0.149	U *+	0.570	0.149	ug/L		11/14/24 07:52	12/08/24 23:38	1
2-Nitrophenol	<0.136	U	0.570	0.136	ug/L		11/14/24 07:52	12/08/24 23:38	1
3 & 4 Methylphenol	<0.138	U	0.570	0.138	ug/L		11/14/24 07:52	12/08/24 23:38	1
3-Nitroaniline	<0.0850	U	0.570	0.0850	ug/L		11/14/24 07:52	12/08/24 23:38	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/14/24 07:52	12/08/24 23:38	1
4-Bromophenyl phenyl ether	<0.100	U *+	0.570	0.100	ug/L		11/14/24 07:52	12/08/24 23:38	1
4-Chloro-3-methylphenol	<0.103	U	0.570	0.103	ug/L		11/14/24 07:52	12/08/24 23:38	1
4-Chloroaniline	<0.0384	U	0.570	0.0384	ug/L		11/14/24 07:52	12/08/24 23:38	1
4-Chlorophenyl phenyl ether	<0.130	U	0.570	0.130	ug/L		11/14/24 07:52	12/08/24 23:38	1
4-Nitroaniline	<0.108	U *+	0.570	0.108	ug/L		11/14/24 07:52	12/08/24 23:38	1
Acenaphthene	<0.107	U	0.570	0.107	ug/L		11/14/24 07:52	12/08/24 23:38	1
Acenaphthylene	<0.0994	U	0.570	0.0994	ug/L		11/14/24 07:52	12/08/24 23:38	1
Aniline	<0.0578	U	0.570	0.0578	ug/L		11/14/24 07:52	12/08/24 23:38	1
Anthracene	<0.0935	U	0.570	0.0935	ug/L		11/14/24 07:52	12/08/24 23:38	1
Benzo[a]anthracene	<0.0285	U	0.0285	0.0285	ug/L		11/14/24 07:52	12/08/24 23:38	1
Benzo[a]pyrene	<0.0299	U	0.0570	0.0299	ug/L		11/14/24 07:52	12/08/24 23:38	1
Benzo[b]fluoranthene	<0.0662	U	0.570	0.0662	ug/L		11/14/24 07:52	12/08/24 23:38	1
Benzo[g,h,i]perylene	<0.0344	U	0.570	0.0344	ug/L		11/14/24 07:52	12/08/24 23:38	1
Benzo[k]fluoranthene	<0.0471	U	0.570	0.0471	ug/L		11/14/24 07:52	12/08/24 23:38	1
Benzyl alcohol	<0.598	U	1.14	0.598	ug/L		11/14/24 07:52	12/08/24 23:38	1
Bis(2-chloroethoxy)methane	<0.0972	U	0.570	0.0972	ug/L		11/14/24 07:52	12/08/24 23:38	1
Bis(2-chloroethyl)ether	<0.214	U *+	0.570	0.214	ug/L		11/14/24 07:52	12/08/24 23:38	1
Bis(2-ethylhexyl) phthalate	<0.897	U	1.14	0.897	ug/L		11/14/24 07:52	12/08/24 23:38	1
Butyl benzyl phthalate	<0.499	U	1.14	0.499	ug/L		11/14/24 07:52	12/08/24 23:38	1
Chrysene	<0.0813	U	0.570	0.0813	ug/L		11/14/24 07:52	12/08/24 23:38	1
Dibenz(a,h)anthracene	<0.0507	U	0.114	0.0507	ug/L		11/14/24 07:52	12/08/24 23:38	1
Dibenzofuran	<0.106	U *+	0.570	0.106	ug/L		11/14/24 07:52	12/08/24 23:38	1
Diethyl phthalate	<0.154	U	1.14	0.154	ug/L		11/14/24 07:52	12/08/24 23:38	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86901-1

Client Sample ID: CM-04
Date Collected: 11/12/24 08:15
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/14/24 07:52	12/08/24 23:38	1
Di-n-butyl phthalate	<0.763	U *+	1.14	0.763	ug/L		11/14/24 07:52	12/08/24 23:38	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/14/24 07:52	12/08/24 23:38	1
Fluoranthene	<0.0881	U	0.570	0.0881	ug/L		11/14/24 07:52	12/08/24 23:38	1
Fluorene	<0.0945	U	0.570	0.0945	ug/L		11/14/24 07:52	12/08/24 23:38	1
Hexachlorobenzene	<0.0972	U	0.570	0.0972	ug/L		11/14/24 07:52	12/08/24 23:38	1
Hexachlorobutadiene	<0.102	U	0.570	0.102	ug/L		11/14/24 07:52	12/08/24 23:38	1
Hexachlorocyclopentadiene	<0.0511	U	0.570	0.0511	ug/L		11/14/24 07:52	12/08/24 23:38	1
Hexachloroethane	<0.102	U	0.570	0.102	ug/L		11/14/24 07:52	12/08/24 23:38	1
Indeno[1,2,3-cd]pyrene	<0.0997	U	0.570	0.0997	ug/L		11/14/24 07:52	12/08/24 23:38	1
Isophorone	<0.106	U	0.570	0.106	ug/L		11/14/24 07:52	12/08/24 23:38	1
Naphthalene	<0.0942	U	0.570	0.0942	ug/L		11/14/24 07:52	12/08/24 23:38	1
Nitrobenzene	<0.0734	U	0.570	0.0734	ug/L		11/14/24 07:52	12/08/24 23:38	1
N-Nitrosodi-n-propylamine	<0.118	U	0.570	0.118	ug/L		11/14/24 07:52	12/08/24 23:38	1
N-Nitrosodiphenylamine	<0.144	U *+	0.570	0.144	ug/L		11/14/24 07:52	12/08/24 23:38	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/14/24 07:52	12/08/24 23:38	1
Phenanthrene	<0.134	U *+	0.570	0.134	ug/L		11/14/24 07:52	12/08/24 23:38	1
Phenol	<0.447	U	2.85	0.447	ug/L		11/14/24 07:52	12/08/24 23:38	1
Pyrene	<0.0846	U	0.570	0.0846	ug/L		11/14/24 07:52	12/08/24 23:38	1
Pyridine	<1.43	U	2.85	1.43	ug/L		11/14/24 07:52	12/08/24 23:38	1
N-Nitro-o-toluidine	<0.519	U	1.14	0.519	ug/L		11/14/24 07:52	12/08/24 23:38	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.570	0.210	ug/L		11/14/24 07:52	12/08/24 23:38	1
Acetophenone	<0.622	U	1.14	0.622	ug/L		11/14/24 07:52	12/08/24 23:38	1
N-Nitrosopiperidine	<0.466	U	1.14	0.466	ug/L		11/14/24 07:52	12/08/24 23:38	1
Pentachlorobenzene	<0.265	U	0.570	0.265	ug/L		11/14/24 07:52	12/08/24 23:38	1
Diphenyl ether	**0.784**		0.570	0.0907	ug/L		11/14/24 07:52	12/08/24 23:38	1
1,1'-Biphenyl	<0.0979	U	0.570	0.0979	ug/L		11/14/24 07:52	12/08/24 23:38	1
4-Aminobiphenyl	<0.393	U	0.570	0.393	ug/L		11/14/24 07:52	12/08/24 23:38	1
1,2,4,5-Tetrachlorobenzene	<0.0955	U *-	0.570	0.0955	ug/L		11/14/24 07:52	12/08/24 23:38	1
1,3,5-Trinitrobenzene	<0.118	U *+	0.570	0.118	ug/L		11/14/24 07:52	12/08/24 23:38	1
1,3-Dinitrobenzene	<0.0771	U *+	0.570	0.0771	ug/L		11/14/24 07:52	12/08/24 23:38	1
1,4-Naphthoquinone	<0.313	U	0.570	0.313	ug/L		11/14/24 07:52	12/08/24 23:38	1
1-Naphthylamine	<0.148	U	0.570	0.148	ug/L		11/14/24 07:52	12/08/24 23:38	1
2,6-Dichlorophenol	<0.118	U	0.570	0.118	ug/L		11/14/24 07:52	12/08/24 23:38	1
2-Acetylaminofluorene	<1.26	U *+	2.85	1.26	ug/L		11/14/24 07:52	12/08/24 23:38	1
2-Chlorophenol	<0.0754	U *+	0.570	0.0754	ug/L		11/14/24 07:52	12/08/24 23:38	1
2-Naphthylamine	<0.287	U	0.570	0.287	ug/L		11/14/24 07:52	12/08/24 23:38	1
2-Picoline	<0.122	U	0.570	0.122	ug/L		11/14/24 07:52	12/08/24 23:38	1
2-Toluidine	<0.305	U	0.570	0.305	ug/L		11/14/24 07:52	12/08/24 23:38	1
3,3'-Dichlorobenzidine	<0.183	U	0.570	0.183	ug/L		11/14/24 07:52	12/08/24 23:38	1
3,3'-Dimethylbenzidine	<0.141	U *+	0.570	0.141	ug/L		11/14/24 07:52	12/08/24 23:38	1
3-Methylcholanthrene	<0.104	U	0.570	0.104	ug/L		11/14/24 07:52	12/08/24 23:38	1
4-Nitroquinoline-1-oxide	<0.728	U *+	1.14	0.728	ug/L		11/14/24 07:52	12/08/24 23:38	1
7,12-Dimethylbenz(a)anthracene	<0.240	U	0.570	0.240	ug/L		11/14/24 07:52	12/08/24 23:38	1
alpha,alpha-Dimethyl phenethylamine	<3.66	U *- *1	5.70	3.66	ug/L		11/14/24 07:52	12/08/24 23:38	1
Aramite Peak 1	<0.0783	U *+	0.570	0.0783	ug/L		11/14/24 07:52	12/08/24 23:38	1
Aramite Peak 2	<0.0951	U *+	0.570	0.0951	ug/L		11/14/24 07:52	12/08/24 23:38	1
Aramite, Total	<0.0951	U	0.570	0.0951	ug/L		11/14/24 07:52	12/08/24 23:38	1
Diallate	<0.0832	U	0.570	0.0832	ug/L		11/14/24 07:52	12/08/24 23:38	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86901-1

Client Sample ID: CM-04
Date Collected: 11/12/24 08:15
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diallate Peak 1	<0.0832	U *+	0.570	0.0832	ug/L		11/14/24 07:52	12/08/24 23:38	1
Diallate Peak 2	<0.0384	U *+	0.570	0.0384	ug/L		11/14/24 07:52	12/08/24 23:38	1
Dimethoate	<0.121	U *+	0.570	0.121	ug/L		11/14/24 07:52	12/08/24 23:38	1
Dinoseb	<0.568	U *+	2.85	0.568	ug/L		11/14/24 07:52	12/08/24 23:38	1
Disulfoton	<0.202	U *+	0.570	0.202	ug/L		11/14/24 07:52	12/08/24 23:38	1
Ethyl methanesulfonate	<0.226	U	0.570	0.226	ug/L		11/14/24 07:52	12/08/24 23:38	1
Ethyl Parathion	<0.0501	U *+	0.228	0.0501	ug/L		11/14/24 07:52	12/08/24 23:38	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/14/24 07:52	12/08/24 23:38	1
Hexachloropropene	<0.299	U *-	0.570	0.299	ug/L		11/14/24 07:52	12/08/24 23:38	1
Isosafrole	<0.240	U	0.570	0.240	ug/L		11/14/24 07:52	12/08/24 23:38	1
Isosafrole Peak 1	<0.0462	U	0.570	0.0462	ug/L		11/14/24 07:52	12/08/24 23:38	1
Isosafrole Peak 2	<0.240	U	0.570	0.240	ug/L		11/14/24 07:52	12/08/24 23:38	1
Methapyrilene	<0.997	U *+	2.28	0.997	ug/L		11/14/24 07:52	12/08/24 23:38	1
Methyl methanesulfonate	<0.120	U	0.570	0.120	ug/L		11/14/24 07:52	12/08/24 23:38	1
Methyl parathion	<0.318	U *+	0.570	0.318	ug/L		11/14/24 07:52	12/08/24 23:38	1
N-Nitrosodiethylamine	<0.537	U	1.14	0.537	ug/L		11/14/24 07:52	12/08/24 23:38	1
N-Nitrosodimethylamine	<0.0997	U *-	0.570	0.0997	ug/L		11/14/24 07:52	12/08/24 23:38	1
N-Nitrosodi-n-butylamine	<0.514	U *+	1.14	0.514	ug/L		11/14/24 07:52	12/08/24 23:38	1
N-Nitrosomethylethylamine	<0.293	U	0.570	0.293	ug/L		11/14/24 07:52	12/08/24 23:38	1
N-Nitrosomorpholine	<0.220	U	0.570	0.220	ug/L		11/14/24 07:52	12/08/24 23:38	1
N-Nitrosopyrrolidine	<0.267	U	0.570	0.267	ug/L		11/14/24 07:52	12/08/24 23:38	1
o,o',o''-Triethylphosphorothioate	**4.34**	*+ *- *1	0.570	0.138	ug/L		11/14/24 07:52	12/08/24 23:38	1
p-Dimethylamino azobenzene	<0.0237	U *+	0.570	0.0237	ug/L		11/14/24 07:52	12/08/24 23:38	1
Pentachloronitrobenzene	<0.0997	U *+	0.570	0.0997	ug/L		11/14/24 07:52	12/08/24 23:38	1
Phenacetin	<0.0997	U *+	0.570	0.0997	ug/L		11/14/24 07:52	12/08/24 23:38	1
Phorate	<0.221	U *+	0.570	0.221	ug/L		11/14/24 07:52	12/08/24 23:38	1
p-Phenylene diamine	<0.499	U *-	1.14	0.499	ug/L		11/14/24 07:52	12/08/24 23:38	1
Pronamide	<0.0997	U *+	0.570	0.0997	ug/L		11/14/24 07:52	12/08/24 23:38	1
Safrole, Total	<0.0569	U	0.570	0.0569	ug/L		11/14/24 07:52	12/08/24 23:38	1
Sulfotepp	<0.146	U *+	0.570	0.146	ug/L		11/14/24 07:52	12/08/24 23:38	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/14/24 07:52	12/08/24 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*145*	*S1+*	*35 - 130*	*11/14/24 07:52*	*12/08/24 23:38*	*1*
2-Fluorobiphenyl	*118*		*43 - 130*	*11/14/24 07:52*	*12/08/24 23:38*	*1*
2-Fluorophenol (Surr)	*65*		*19 - 120*	*11/14/24 07:52*	*12/08/24 23:38*	*1*
Nitrobenzene-d5 (Surr)	*142*	*S1+*	*37 - 133*	*11/14/24 07:52*	*12/08/24 23:38*	*1*
Phenol-d5 (Surr)	*37*		*8 - 124*	*11/14/24 07:52*	*12/08/24 23:38*	*1*
p-Terphenyl-d14	*123*		*47 - 130*	*11/14/24 07:52*	*12/08/24 23:38*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**47.0**		5.70	0.887	ug/L		11/14/24 07:52	12/11/24 14:59	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*35 - 130*	*11/14/24 07:52*	*12/11/24 14:59*	*10*
2-Fluorobiphenyl	*126*		*43 - 130*	*11/14/24 07:52*	*12/11/24 14:59*	*10*
2-Fluorophenol (Surr)	*76*		*19 - 120*	*11/14/24 07:52*	*12/11/24 14:59*	*10*
Nitrobenzene-d5 (Surr)	*128*		*37 - 133*	*11/14/24 07:52*	*12/11/24 14:59*	*10*
Phenol-d5 (Surr)	*55*		*8 - 124*	*11/14/24 07:52*	*12/11/24 14:59*	*10*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86901-1

Client Sample ID: CM-04

Date Collected: 11/12/24 08:15
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-2

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14	*130*		*47 - 130*	*11/14/24 07:52*	*12/11/24 14:59*	*10*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0761	U H	0.567	0.0761	ug/L		12/11/24 04:48	12/14/24 20:42	1
1,2-Dichlorobenzene	<0.0934	U H	0.567	0.0934	ug/L		12/11/24 04:48	12/14/24 20:42	1
1,3-Dichlorobenzene	<0.101	U H	0.567	0.101	ug/L		12/11/24 04:48	12/14/24 20:42	1
1,4-Dichlorobenzene	<0.0774	U H	0.567	0.0774	ug/L		12/11/24 04:48	12/14/24 20:42	1
2,2'-oxybis[1-chloropropane]	<1.42	U H	2.84	1.42	ug/L		12/11/24 04:48	12/14/24 20:42	1
2,4,5-Trichlorophenol	<0.142	U H	0.567	0.142	ug/L		12/11/24 04:48	12/14/24 20:42	1
2,4,6-Trichlorophenol	<0.229	U H	0.567	0.229	ug/L		12/11/24 04:48	12/14/24 20:42	1
2,4-Dichlorophenol	<0.139	U H	0.567	0.139	ug/L		12/11/24 04:48	12/14/24 20:42	1
2,4-Dimethylphenol	<0.191	U *+ H	0.567	0.191	ug/L		12/11/24 04:48	12/14/24 20:42	1
2,4-Dinitrophenol	<0.103	U H	2.84	0.103	ug/L		12/11/24 04:48	12/14/24 20:42	1
2,4-Dinitrotoluene	<0.203	U H	0.567	0.203	ug/L		12/11/24 04:48	12/14/24 20:42	1
2,6-Dinitrotoluene	<0.115	U H	0.567	0.115	ug/L		12/11/24 04:48	12/14/24 20:42	1
2-Chloronaphthalene	<0.376	U H	0.567	0.376	ug/L		12/11/24 04:48	12/14/24 20:42	1
2-Methylnaphthalene	<0.0598	U H	0.567	0.0598	ug/L		12/11/24 04:48	12/14/24 20:42	1
2-Methylphenol	<0.104	U H	0.567	0.104	ug/L		12/11/24 04:48	12/14/24 20:42	1
2-Nitroaniline	<0.148	U H	0.567	0.148	ug/L		12/11/24 04:48	12/14/24 20:42	1
2-Nitrophenol	<0.135	U H	0.567	0.135	ug/L		12/11/24 04:48	12/14/24 20:42	1
3 & 4 Methylphenol	<0.138	U H	0.567	0.138	ug/L		12/11/24 04:48	12/14/24 20:42	1
3-Nitroaniline	<0.0846	U H	0.567	0.0846	ug/L		12/11/24 04:48	12/14/24 20:42	1
4,6-Dinitro-2-methylphenol	<0.200	U H	1.13	0.200	ug/L		12/11/24 04:48	12/14/24 20:42	1
4-Bromophenyl phenyl ether	<0.0996	U H	0.567	0.0996	ug/L		12/11/24 04:48	12/14/24 20:42	1
4-Chloro-3-methylphenol	<0.103	U H	0.567	0.103	ug/L		12/11/24 04:48	12/14/24 20:42	1
4-Chloroaniline	<0.0383	U H	0.567	0.0383	ug/L		12/11/24 04:48	12/14/24 20:42	1
4-Chlorophenyl phenyl ether	<0.129	U H	0.567	0.129	ug/L		12/11/24 04:48	12/14/24 20:42	1
4-Nitroaniline	<0.108	U H	0.567	0.108	ug/L		12/11/24 04:48	12/14/24 20:42	1
Acenaphthene	<0.107	U H	0.567	0.107	ug/L		12/11/24 04:48	12/14/24 20:42	1
Acenaphthylene	<0.0989	U H	0.567	0.0989	ug/L		12/11/24 04:48	12/14/24 20:42	1
Aniline	<0.0575	U H	0.567	0.0575	ug/L		12/11/24 04:48	12/14/24 20:42	1
Anthracene	<0.0931	U *+ H	0.567	0.0931	ug/L		12/11/24 04:48	12/14/24 20:42	1
Benzo[a]anthracene	<0.0284	U *+ H	0.0284	0.0284	ug/L		12/11/24 04:48	12/14/24 20:42	1
Benzo[a]pyrene	<0.0298	U H	0.0567	0.0298	ug/L		12/11/24 04:48	12/14/24 20:42	1
Benzo[b]fluoranthene	<0.0659	U *+ H	0.567	0.0659	ug/L		12/11/24 04:48	12/14/24 20:42	1
Benzo[g,h,i]perylene	<0.0343	U H	0.567	0.0343	ug/L		12/11/24 04:48	12/14/24 20:42	1
Benzo[k]fluoranthene	<0.0469	U H	0.567	0.0469	ug/L		12/11/24 04:48	12/14/24 20:42	1
Benzyl alcohol	<0.596	U H	1.13	0.596	ug/L		12/11/24 04:48	12/14/24 20:42	1
Bis(2-chloroethoxy)methane	<0.0967	U H	0.567	0.0967	ug/L		12/11/24 04:48	12/14/24 20:42	1
Bis(2-chloroethyl)ether	<0.213	U H	0.567	0.213	ug/L		12/11/24 04:48	12/14/24 20:42	1
Bis(2-ethylhexyl) phthalate	<0.894	U *+ H	1.13	0.894	ug/L		12/11/24 04:48	12/14/24 20:42	1
Butyl benzyl phthalate	<0.496	U H	1.13	0.496	ug/L		12/11/24 04:48	12/14/24 20:42	1
Chrysene	<0.0810	U *+ H	0.567	0.0810	ug/L		12/11/24 04:48	12/14/24 20:42	1
Dibenz(a,h)anthracene	<0.0505	U H	0.113	0.0505	ug/L		12/11/24 04:48	12/14/24 20:42	1
Dibenzofuran	<0.106	U H	0.567	0.106	ug/L		12/11/24 04:48	12/14/24 20:42	1
Diethyl phthalate	<0.154	U H	1.13	0.154	ug/L		12/11/24 04:48	12/14/24 20:42	1
Dimethyl phthalate	<0.107	U H	1.13	0.107	ug/L		12/11/24 04:48	12/14/24 20:42	1
Di-n-butyl phthalate	<0.760	U H	1.13	0.760	ug/L		12/11/24 04:48	12/14/24 20:42	1

Client: Ashland LLC
Job ID: 860-86901-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: CM-04
Lab Sample ID: 860-86901-2
Date Collected: 11/12/24 08:15
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	<0.267	U H	1.13	0.267	ug/L		12/11/24 04:48	12/14/24 20:42	1
Fluoranthene	<0.0877	U H	0.567	0.0877	ug/L		12/11/24 04:48	12/14/24 20:42	1
Fluorene	<0.0941	U H	0.567	0.0941	ug/L		12/11/24 04:48	12/14/24 20:42	1
Hexachlorobenzene	<0.0968	U H	0.567	0.0968	ug/L		12/11/24 04:48	12/14/24 20:42	1
Hexachlorobutadiene	<0.102	U H	0.567	0.102	ug/L		12/11/24 04:48	12/14/24 20:42	1
Hexachlorocyclopentadiene	<0.0508	U *+ H	0.567	0.0508	ug/L		12/11/24 04:48	12/14/24 20:42	1
Hexachloroethane	<0.101	U H	0.567	0.101	ug/L		12/11/24 04:48	12/14/24 20:42	1
Indeno[1,2,3-cd]pyrene	<0.0993	U H	0.567	0.0993	ug/L		12/11/24 04:48	12/14/24 20:42	1
Isophorone	<0.106	U H	0.567	0.106	ug/L		12/11/24 04:48	12/14/24 20:42	1
Naphthalene	<0.0938	U H	0.567	0.0938	ug/L		12/11/24 04:48	12/14/24 20:42	1
Nitrobenzene	<0.0731	U H	0.567	0.0731	ug/L		12/11/24 04:48	12/14/24 20:42	1
N-Nitrosodi-n-propylamine	<0.118	U H	0.567	0.118	ug/L		12/11/24 04:48	12/14/24 20:42	1
N-Nitrosodiphenylamine	<0.144	U H	0.567	0.144	ug/L		12/11/24 04:48	12/14/24 20:42	1
Pentachlorophenol	<1.03	U H	1.13	1.03	ug/L		12/11/24 04:48	12/14/24 20:42	1
Phenanthrene	<0.133	U *+ H	0.567	0.133	ug/L		12/11/24 04:48	12/14/24 20:42	1
Phenol	<0.445	U H	2.84	0.445	ug/L		12/11/24 04:48	12/14/24 20:42	1
Pyrene	<0.0843	U H	0.567	0.0843	ug/L		12/11/24 04:48	12/14/24 20:42	1
Pyridine	<1.43	U H *1	2.84	1.43	ug/L		12/11/24 04:48	12/14/24 20:42	1
N-Nitro-o-toluidine	<0.516	U H	1.13	0.516	ug/L		12/11/24 04:48	12/14/24 20:42	1
2,3,4,6-Tetrachlorophenol	<0.209	U *+ H	0.567	0.209	ug/L		12/11/24 04:48	12/14/24 20:42	1
Acetophenone	<0.619	U H	1.13	0.619	ug/L		12/11/24 04:48	12/14/24 20:42	1
N-Nitrosopiperidine	<0.464	U H	1.13	0.464	ug/L		12/11/24 04:48	12/14/24 20:42	1
Pentachlorobenzene	<0.264	U H	0.567	0.264	ug/L		12/11/24 04:48	12/14/24 20:42	1
Diphenyl ether	<0.0903	U H	0.567	0.0903	ug/L		12/11/24 04:48	12/14/24 20:42	1
1,1'-Biphenyl	<0.0974	U H	0.567	0.0974	ug/L		12/11/24 04:48	12/14/24 20:42	1
4-Aminobiphenyl	<0.391	U H	0.567	0.391	ug/L		12/11/24 04:48	12/14/24 20:42	1
1,2,4,5-Tetrachlorobenzene	<0.0951	U H	0.567	0.0951	ug/L		12/11/24 04:48	12/14/24 20:42	1
1,3,5-Trinitrobenzene	<0.118	U H	0.567	0.118	ug/L		12/11/24 04:48	12/14/24 20:42	1
1,3-Dinitrobenzene	<0.0767	U H	0.567	0.0767	ug/L		12/11/24 04:48	12/14/24 20:42	1
1,4-Naphthoquinone	<0.312	U H	0.567	0.312	ug/L		12/11/24 04:48	12/14/24 20:42	1
1-Naphthylamine	<0.148	U H	0.567	0.148	ug/L		12/11/24 04:48	12/14/24 20:42	1
2,6-Dichlorophenol	<0.117	U H	0.567	0.117	ug/L		12/11/24 04:48	12/14/24 20:42	1
2-Acetylaminofluorene	<1.26	U *+ H	2.84	1.26	ug/L		12/11/24 04:48	12/14/24 20:42	1
2-Chlorophenol	<0.0751	U H	0.567	0.0751	ug/L		12/11/24 04:48	12/14/24 20:42	1
2-Naphthylamine	<0.286	U H	0.567	0.286	ug/L		12/11/24 04:48	12/14/24 20:42	1
2-Picoline	<0.122	U H	0.567	0.122	ug/L		12/11/24 04:48	12/14/24 20:42	1
2-Toluidine	<0.304	U H	0.567	0.304	ug/L		12/11/24 04:48	12/14/24 20:42	1
3,3'-Dichlorobenzidine	<0.182	U H	0.567	0.182	ug/L		12/11/24 04:48	12/14/24 20:42	1
3,3'-Dimethylbenzidine	<0.141	U H	0.567	0.141	ug/L		12/11/24 04:48	12/14/24 20:42	1
3-Methylcholanthrene	<0.104	U H	0.567	0.104	ug/L		12/11/24 04:48	12/14/24 20:42	1
4-Nitroquinoline-1-oxide	<0.725	U H	1.13	0.725	ug/L		12/11/24 04:48	12/14/24 20:42	1
7,12-Dimethylbenz(a)anthracene	<0.239	U H	0.567	0.239	ug/L		12/11/24 04:48	12/14/24 20:42	1
alpha,alpha-Dimethyl phenethylamine	<3.64	U H *-	5.67	3.64	ug/L		12/11/24 04:48	12/14/24 20:42	1
Aramite Peak 1	<0.0780	U *+ H	0.567	0.0780	ug/L		12/11/24 04:48	12/14/24 20:42	1
Aramite Peak 2	<0.0947	U H	0.567	0.0947	ug/L		12/11/24 04:48	12/14/24 20:42	1
Aramite, Total	<0.0947	U H	0.567	0.0947	ug/L		12/11/24 04:48	12/14/24 20:42	1
Diallate	<0.0829	U H	0.567	0.0829	ug/L		12/11/24 04:48	12/14/24 20:42	1
Diallate Peak 1	<0.0829	U H	0.567	0.0829	ug/L		12/11/24 04:48	12/14/24 20:42	1
Diallate Peak 2	<0.0383	U H	0.567	0.0383	ug/L		12/11/24 04:48	12/14/24 20:42	1

Client Sample ID: CM-04
Lab Sample ID: 860-86901-2
Date Collected: 11/12/24 08:15
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	<0.121	U H	0.567	0.121	ug/L		12/11/24 04:48	12/14/24 20:42	1
Dinoseb	<0.566	U H	2.84	0.566	ug/L		12/11/24 04:48	12/14/24 20:42	1
Disulfoton	<0.201	U H	0.567	0.201	ug/L		12/11/24 04:48	12/14/24 20:42	1
Ethyl methanesulfonate	<0.225	U H	0.567	0.225	ug/L		12/11/24 04:48	12/14/24 20:42	1
Ethyl Parathion	<0.0498	U H	0.227	0.0498	ug/L		12/11/24 04:48	12/14/24 20:42	1
Famphur	<0.150	U H	1.13	0.150	ug/L		12/11/24 04:48	12/14/24 20:42	1
Hexachloropropene	<0.298	U H	0.567	0.298	ug/L		12/11/24 04:48	12/14/24 20:42	1
Isosafrole	<0.239	U H	0.567	0.239	ug/L		12/11/24 04:48	12/14/24 20:42	1
Isosafrole Peak 1	<0.0460	U H	0.567	0.0460	ug/L		12/11/24 04:48	12/14/24 20:42	1
Isosafrole Peak 2	<0.239	U H	0.567	0.239	ug/L		12/11/24 04:48	12/14/24 20:42	1
Methapyrilene	<0.993	U H	2.27	0.993	ug/L		12/11/24 04:48	12/14/24 20:42	1
Methyl methanesulfonate	<0.119	U H	0.567	0.119	ug/L		12/11/24 04:48	12/14/24 20:42	1
Methyl parathion	<0.317	U H	0.567	0.317	ug/L		12/11/24 04:48	12/14/24 20:42	1
N-Nitrosodiethylamine	<0.535	U H	1.13	0.535	ug/L		12/11/24 04:48	12/14/24 20:42	1
N-Nitrosodimethylamine	<0.0993	U H *-	0.567	0.0993	ug/L		12/11/24 04:48	12/14/24 20:42	1
N-Nitrosodi-n-butylamine	<0.512	U H	1.13	0.512	ug/L		12/11/24 04:48	12/14/24 20:42	1
N-Nitrosomethylethylamine	<0.292	U H	0.567	0.292	ug/L		12/11/24 04:48	12/14/24 20:42	1
N-Nitrosomorpholine	<0.219	U H	0.567	0.219	ug/L		12/11/24 04:48	12/14/24 20:42	1
N-Nitrosopyrrolidine	<0.266	U H	0.567	0.266	ug/L		12/11/24 04:48	12/14/24 20:42	1
o,o',o''-Triethylphosphorothioate	**2.96**	**H**	0.567	0.137	ug/L		12/11/24 04:48	12/14/24 20:42	1
p-Dimethylamino azobenzene	<0.0236	U H	0.567	0.0236	ug/L		12/11/24 04:48	12/14/24 20:42	1
Pentachloronitrobenzene	<0.0993	U H	0.567	0.0993	ug/L		12/11/24 04:48	12/14/24 20:42	1
Phenacetin	<0.0993	U H	0.567	0.0993	ug/L		12/11/24 04:48	12/14/24 20:42	1
Phorate	<0.220	U H	0.567	0.220	ug/L		12/11/24 04:48	12/14/24 20:42	1
p-Phenylene diamine	<0.496	U H *-	1.13	0.496	ug/L		12/11/24 04:48	12/14/24 20:42	1
Pronamide	<0.0993	U H	0.567	0.0993	ug/L		12/11/24 04:48	12/14/24 20:42	1
Safrole, Total	<0.0567	U H	0.567	0.0567	ug/L		12/11/24 04:48	12/14/24 20:42	1
Sulfotepp	<0.146	U H	0.567	0.146	ug/L		12/11/24 04:48	12/14/24 20:42	1
Thionazin	<0.207	U H	1.13	0.207	ug/L		12/11/24 04:48	12/14/24 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*35 - 130*	*12/11/24 04:48*	*12/14/24 20:42*	*1*
2-Fluorobiphenyl	*80*		*43 - 130*	*12/11/24 04:48*	*12/14/24 20:42*	*1*
2-Fluorophenol (Surr)	*61*		*19 - 120*	*12/11/24 04:48*	*12/14/24 20:42*	*1*
Nitrobenzene-d5 (Surr)	*101*		*37 - 133*	*12/11/24 04:48*	*12/14/24 20:42*	*1*
Phenol-d5 (Surr)	*38*		*8 - 124*	*12/11/24 04:48*	*12/14/24 20:42*	*1*
p-Terphenyl-d14	*107*		*47 - 130*	*12/11/24 04:48*	*12/14/24 20:42*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**38.9**	**H**	5.67	0.884	ug/L		12/11/24 04:48	12/15/24 23:27	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*61*		*35 - 130*	*12/11/24 04:48*	*12/15/24 23:27*	*10*
2-Fluorobiphenyl	*75*		*43 - 130*	*12/11/24 04:48*	*12/15/24 23:27*	*10*
2-Fluorophenol (Surr)	*61*		*19 - 120*	*12/11/24 04:48*	*12/15/24 23:27*	*10*
Nitrobenzene-d5 (Surr)	*89*		*37 - 133*	*12/11/24 04:48*	*12/15/24 23:27*	*10*
Phenol-d5 (Surr)	*40*		*8 - 124*	*12/11/24 04:48*	*12/15/24 23:27*	*10*
p-Terphenyl-d14	*94*		*47 - 130*	*12/11/24 04:48*	*12/15/24 23:27*	*10*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86901-1

Client Sample ID: CM-03
Date Collected: 11/12/24 08:45
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/16/24 02:13	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/16/24 02:13	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/16/24 02:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/16/24 02:13	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/16/24 02:13	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/16/24 02:13	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/16/24 02:13	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/16/24 02:13	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/16/24 02:13	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/16/24 02:13	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/16/24 02:13	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/16/24 02:13	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/16/24 02:13	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/16/24 02:13	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/16/24 02:13	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/16/24 02:13	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/16/24 02:13	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/16/24 02:13	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/16/24 02:13	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/16/24 02:13	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/16/24 02:13	1
Acetone	<3.07	U	100	3.07	ug/L			11/16/24 02:13	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/16/24 02:13	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/16/24 02:13	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/16/24 02:13	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/16/24 02:13	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/16/24 02:13	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/16/24 02:13	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/16/24 02:13	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/16/24 02:13	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/16/24 02:13	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/16/24 02:13	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/16/24 02:13	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/16/24 02:13	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/16/24 02:13	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/16/24 02:13	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/16/24 02:13	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/16/24 02:13	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/16/24 02:13	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/16/24 02:13	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/16/24 02:13	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/16/24 02:13	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/16/24 02:13	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/16/24 02:13	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/16/24 02:13	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/16/24 02:13	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/16/24 02:13	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/16/24 02:13	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/16/24 02:13	1

Client Sample ID: CM-03
Lab Sample ID: 860-86901-3
Date Collected: 11/12/24 08:45
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/16/24 02:13	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/16/24 02:13	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/16/24 02:13	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/16/24 02:13	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/16/24 02:13	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/16/24 02:13	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/16/24 02:13	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/16/24 02:13	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/16/24 02:13	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/16/24 02:13	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/16/24 02:13	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/16/24 02:13	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/16/24 02:13	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/16/24 02:13	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/16/24 02:13	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/16/24 02:13	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/16/24 02:13	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/16/24 02:13	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/16/24 02:13	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/16/24 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*63 - 144*		*11/16/24 02:13*	*1*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*11/16/24 02:13*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 131*		*11/16/24 02:13*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/16/24 02:13*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0761	U	0.567	0.0761	ug/L		11/14/24 07:52	12/09/24 00:08	1
1,2-Dichlorobenzene	<0.0934	U	0.567	0.0934	ug/L		11/14/24 07:52	12/09/24 00:08	1
1,3-Dichlorobenzene	<0.101	U	0.567	0.101	ug/L		11/14/24 07:52	12/09/24 00:08	1
1,4-Dichlorobenzene	<0.0774	U	0.567	0.0774	ug/L		11/14/24 07:52	12/09/24 00:08	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.84	1.42	ug/L		11/14/24 07:52	12/09/24 00:08	1
2,4,5-Trichlorophenol	<0.142	U	0.567	0.142	ug/L		11/14/24 07:52	12/09/24 00:08	1
2,4,6-Trichlorophenol	<0.229	U	0.567	0.229	ug/L		11/14/24 07:52	12/09/24 00:08	1
2,4-Dichlorophenol	<0.139	U	0.567	0.139	ug/L		11/14/24 07:52	12/09/24 00:08	1
2,4-Dimethylphenol	<0.191	U *+	0.567	0.191	ug/L		11/14/24 07:52	12/09/24 00:08	1
1,4-Dioxane	**0.789**		0.567	0.0884	ug/L		11/14/24 07:52	12/09/24 00:08	1
2,4-Dinitrophenol	<0.103	U	2.84	0.103	ug/L		11/14/24 07:52	12/09/24 00:08	1
2,4-Dinitrotoluene	<0.203	U *+	0.567	0.203	ug/L		11/14/24 07:52	12/09/24 00:08	1
2,6-Dinitrotoluene	<0.115	U	0.567	0.115	ug/L		11/14/24 07:52	12/09/24 00:08	1
2-Chloronaphthalene	<0.376	U	0.567	0.376	ug/L		11/14/24 07:52	12/09/24 00:08	1
2-Methylnaphthalene	<0.0598	U	0.567	0.0598	ug/L		11/14/24 07:52	12/09/24 00:08	1
2-Methylphenol	<0.104	U	0.567	0.104	ug/L		11/14/24 07:52	12/09/24 00:08	1
2-Nitroaniline	<0.148	U *+	0.567	0.148	ug/L		11/14/24 07:52	12/09/24 00:08	1
2-Nitrophenol	<0.135	U	0.567	0.135	ug/L		11/14/24 07:52	12/09/24 00:08	1
3 & 4 Methylphenol	<0.138	U	0.567	0.138	ug/L		11/14/24 07:52	12/09/24 00:08	1
3-Nitroaniline	<0.0846	U	0.567	0.0846	ug/L		11/14/24 07:52	12/09/24 00:08	1
4,6-Dinitro-2-methylphenol	<0.200	U	1.13	0.200	ug/L		11/14/24 07:52	12/09/24 00:08	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86901-1

Client Sample ID: CM-03
Date Collected: 11/12/24 08:45
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	<0.0996	U *+	0.567	0.0996	ug/L		11/14/24 07:52	12/09/24 00:08	1
4-Chloro-3-methylphenol	<0.103	U	0.567	0.103	ug/L		11/14/24 07:52	12/09/24 00:08	1
4-Chloroaniline	<0.0383	U	0.567	0.0383	ug/L		11/14/24 07:52	12/09/24 00:08	1
4-Chlorophenyl phenyl ether	<0.129	U	0.567	0.129	ug/L		11/14/24 07:52	12/09/24 00:08	1
4-Nitroaniline	<0.108	U *+	0.567	0.108	ug/L		11/14/24 07:52	12/09/24 00:08	1
Acenaphthene	<0.107	U	0.567	0.107	ug/L		11/14/24 07:52	12/09/24 00:08	1
Acenaphthylene	<0.0989	U	0.567	0.0989	ug/L		11/14/24 07:52	12/09/24 00:08	1
Aniline	<0.0575	U	0.567	0.0575	ug/L		11/14/24 07:52	12/09/24 00:08	1
Anthracene	<0.0931	U	0.567	0.0931	ug/L		11/14/24 07:52	12/09/24 00:08	1
Benzo[a]anthracene	<0.0284	U	0.0284	0.0284	ug/L		11/14/24 07:52	12/09/24 00:08	1
Benzo[a]pyrene	<0.0298	U	0.0567	0.0298	ug/L		11/14/24 07:52	12/09/24 00:08	1
Benzo[b]fluoranthene	<0.0659	U	0.567	0.0659	ug/L		11/14/24 07:52	12/09/24 00:08	1
Benzo[g,h,i]perylene	<0.0343	U	0.567	0.0343	ug/L		11/14/24 07:52	12/09/24 00:08	1
Benzo[k]fluoranthene	<0.0469	U	0.567	0.0469	ug/L		11/14/24 07:52	12/09/24 00:08	1
Benzyl alcohol	<0.596	U	1.13	0.596	ug/L		11/14/24 07:52	12/09/24 00:08	1
Bis(2-chloroethoxy)methane	<0.0967	U	0.567	0.0967	ug/L		11/14/24 07:52	12/09/24 00:08	1
Bis(2-chloroethyl)ether	<0.213	U *+	0.567	0.213	ug/L		11/14/24 07:52	12/09/24 00:08	1
Bis(2-ethylhexyl) phthalate	<0.894	U	1.13	0.894	ug/L		11/14/24 07:52	12/09/24 00:08	1
Butyl benzyl phthalate	<0.496	U	1.13	0.496	ug/L		11/14/24 07:52	12/09/24 00:08	1
Chrysene	<0.0810	U	0.567	0.0810	ug/L		11/14/24 07:52	12/09/24 00:08	1
Dibenz(a,h)anthracene	<0.0505	U	0.113	0.0505	ug/L		11/14/24 07:52	12/09/24 00:08	1
Dibenzofuran	<0.106	U *+	0.567	0.106	ug/L		11/14/24 07:52	12/09/24 00:08	1
Diethyl phthalate	<0.154	U	1.13	0.154	ug/L		11/14/24 07:52	12/09/24 00:08	1
Dimethyl phthalate	<0.107	U *+	1.13	0.107	ug/L		11/14/24 07:52	12/09/24 00:08	1
Di-n-butyl phthalate	<0.760	U *+	1.13	0.760	ug/L		11/14/24 07:52	12/09/24 00:08	1
Di-n-octyl phthalate	<0.267	U	1.13	0.267	ug/L		11/14/24 07:52	12/09/24 00:08	1
Fluoranthene	<0.0877	U	0.567	0.0877	ug/L		11/14/24 07:52	12/09/24 00:08	1
Fluorene	<0.0941	U	0.567	0.0941	ug/L		11/14/24 07:52	12/09/24 00:08	1
Hexachlorobenzene	<0.0968	U	0.567	0.0968	ug/L		11/14/24 07:52	12/09/24 00:08	1
Hexachlorobutadiene	<0.102	U	0.567	0.102	ug/L		11/14/24 07:52	12/09/24 00:08	1
Hexachlorocyclopentadiene	<0.0508	U	0.567	0.0508	ug/L		11/14/24 07:52	12/09/24 00:08	1
Hexachloroethane	<0.101	U	0.567	0.101	ug/L		11/14/24 07:52	12/09/24 00:08	1
Indeno[1,2,3-cd]pyrene	<0.0993	U	0.567	0.0993	ug/L		11/14/24 07:52	12/09/24 00:08	1
Isophorone	<0.106	U	0.567	0.106	ug/L		11/14/24 07:52	12/09/24 00:08	1
Naphthalene	<0.0938	U	0.567	0.0938	ug/L		11/14/24 07:52	12/09/24 00:08	1
Nitrobenzene	<0.0731	U	0.567	0.0731	ug/L		11/14/24 07:52	12/09/24 00:08	1
N-Nitrosodi-n-propylamine	<0.118	U	0.567	0.118	ug/L		11/14/24 07:52	12/09/24 00:08	1
N-Nitrosodiphenylamine	<0.144	U *+	0.567	0.144	ug/L		11/14/24 07:52	12/09/24 00:08	1
Pentachlorophenol	<1.03	U	1.13	1.03	ug/L		11/14/24 07:52	12/09/24 00:08	1
Phenanthrene	<0.133	U *+	0.567	0.133	ug/L		11/14/24 07:52	12/09/24 00:08	1
Phenol	<0.445	U	2.84	0.445	ug/L		11/14/24 07:52	12/09/24 00:08	1
Pyrene	<0.0843	U	0.567	0.0843	ug/L		11/14/24 07:52	12/09/24 00:08	1
Pyridine	<1.43	U	2.84	1.43	ug/L		11/14/24 07:52	12/09/24 00:08	1
N-Nitro-o-toluidine	<0.516	U	1.13	0.516	ug/L		11/14/24 07:52	12/09/24 00:08	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.567	0.209	ug/L		11/14/24 07:52	12/09/24 00:08	1
Acetophenone	<0.619	U	1.13	0.619	ug/L		11/14/24 07:52	12/09/24 00:08	1
N-Nitrosopiperidine	<0.464	U	1.13	0.464	ug/L		11/14/24 07:52	12/09/24 00:08	1
Pentachlorobenzene	<0.264	U	0.567	0.264	ug/L		11/14/24 07:52	12/09/24 00:08	1
Diphenyl ether	**0.841**		0.567	0.0903	ug/L		11/14/24 07:52	12/09/24 00:08	1

Client Sample ID: CM-03
Lab Sample ID: 860-86901-3
Date Collected: 11/12/24 08:45
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.0974	U	0.567	0.0974	ug/L		11/14/24 07:52	12/09/24 00:08	1
4-Aminobiphenyl	<0.391	U	0.567	0.391	ug/L		11/14/24 07:52	12/09/24 00:08	1
1,2,4,5-Tetrachlorobenzene	<0.0951	U *-	0.567	0.0951	ug/L		11/14/24 07:52	12/09/24 00:08	1
1,3,5-Trinitrobenzene	<0.118	U *+	0.567	0.118	ug/L		11/14/24 07:52	12/09/24 00:08	1
1,3-Dinitrobenzene	<0.0767	U *+	0.567	0.0767	ug/L		11/14/24 07:52	12/09/24 00:08	1
1,4-Naphthoquinone	<0.312	U	0.567	0.312	ug/L		11/14/24 07:52	12/09/24 00:08	1
1-Naphthylamine	<0.148	U	0.567	0.148	ug/L		11/14/24 07:52	12/09/24 00:08	1
2,6-Dichlorophenol	<0.117	U	0.567	0.117	ug/L		11/14/24 07:52	12/09/24 00:08	1
2-Acetylaminofluorene	<1.26	U *+	2.84	1.26	ug/L		11/14/24 07:52	12/09/24 00:08	1
2-Chlorophenol	<0.0751	U *+	0.567	0.0751	ug/L		11/14/24 07:52	12/09/24 00:08	1
2-Naphthylamine	<0.286	U	0.567	0.286	ug/L		11/14/24 07:52	12/09/24 00:08	1
2-Picoline	<0.122	U	0.567	0.122	ug/L		11/14/24 07:52	12/09/24 00:08	1
2-Toluidine	<0.304	U	0.567	0.304	ug/L		11/14/24 07:52	12/09/24 00:08	1
3,3'-Dichlorobenzidine	<0.182	U	0.567	0.182	ug/L		11/14/24 07:52	12/09/24 00:08	1
3,3'-Dimethylbenzidine	<0.141	U *+	0.567	0.141	ug/L		11/14/24 07:52	12/09/24 00:08	1
3-Methylcholanthrene	<0.104	U	0.567	0.104	ug/L		11/14/24 07:52	12/09/24 00:08	1
4-Nitroquinoline-1-oxide	<0.725	U *+	1.13	0.725	ug/L		11/14/24 07:52	12/09/24 00:08	1
7,12-Dimethylbenz(a)anthracene	<0.239	U	0.567	0.239	ug/L		11/14/24 07:52	12/09/24 00:08	1
alpha,alpha-Dimethyl phenethylamine	<3.64	U *- *1	5.67	3.64	ug/L		11/14/24 07:52	12/09/24 00:08	1
Aramite Peak 1	<0.0780	U *+	0.567	0.0780	ug/L		11/14/24 07:52	12/09/24 00:08	1
Aramite Peak 2	<0.0947	U *+	0.567	0.0947	ug/L		11/14/24 07:52	12/09/24 00:08	1
Aramite, Total	<0.0947	U	0.567	0.0947	ug/L		11/14/24 07:52	12/09/24 00:08	1
Diallate	<0.0829	U	0.567	0.0829	ug/L		11/14/24 07:52	12/09/24 00:08	1
Diallate Peak 1	<0.0829	U *+	0.567	0.0829	ug/L		11/14/24 07:52	12/09/24 00:08	1
Diallate Peak 2	<0.0383	U *+	0.567	0.0383	ug/L		11/14/24 07:52	12/09/24 00:08	1
Dimethoate	<0.121	U *+	0.567	0.121	ug/L		11/14/24 07:52	12/09/24 00:08	1
Dinoseb	<0.566	U *+	2.84	0.566	ug/L		11/14/24 07:52	12/09/24 00:08	1
Disulfoton	<0.201	U *+	0.567	0.201	ug/L		11/14/24 07:52	12/09/24 00:08	1
Ethyl methanesulfonate	<0.225	U	0.567	0.225	ug/L		11/14/24 07:52	12/09/24 00:08	1
Ethyl Parathion	<0.0498	U *+	0.227	0.0498	ug/L		11/14/24 07:52	12/09/24 00:08	1
Famphur	<0.150	U *+	1.13	0.150	ug/L		11/14/24 07:52	12/09/24 00:08	1
Hexachloropropene	<0.298	U *-	0.567	0.298	ug/L		11/14/24 07:52	12/09/24 00:08	1
Isosafrole	<0.239	U	0.567	0.239	ug/L		11/14/24 07:52	12/09/24 00:08	1
Isosafrole Peak 1	<0.0460	U	0.567	0.0460	ug/L		11/14/24 07:52	12/09/24 00:08	1
Isosafrole Peak 2	<0.239	U	0.567	0.239	ug/L		11/14/24 07:52	12/09/24 00:08	1
Methapyrilene	<0.993	U *+	2.27	0.993	ug/L		11/14/24 07:52	12/09/24 00:08	1
Methyl methanesulfonate	<0.119	U	0.567	0.119	ug/L		11/14/24 07:52	12/09/24 00:08	1
Methyl parathion	<0.317	U *+	0.567	0.317	ug/L		11/14/24 07:52	12/09/24 00:08	1
N-Nitrosodiethylamine	<0.535	U	1.13	0.535	ug/L		11/14/24 07:52	12/09/24 00:08	1
N-Nitrosodimethylamine	<0.0993	U *-	0.567	0.0993	ug/L		11/14/24 07:52	12/09/24 00:08	1
N-Nitrosodi-n-butylamine	<0.512	U *+	1.13	0.512	ug/L		11/14/24 07:52	12/09/24 00:08	1
N-Nitrosomethylethylamine	<0.292	U	0.567	0.292	ug/L		11/14/24 07:52	12/09/24 00:08	1
N-Nitrosomorpholine	<0.219	U	0.567	0.219	ug/L		11/14/24 07:52	12/09/24 00:08	1
N-Nitrosopyrrolidine	<0.266	U	0.567	0.266	ug/L		11/14/24 07:52	12/09/24 00:08	1
o,o',o''-Triethylphosphorothioate	**0.952**	***+ *- *1**	0.567	0.137	ug/L		11/14/24 07:52	12/09/24 00:08	1
p-Dimethylamino azobenzene	<0.0236	U *+	0.567	0.0236	ug/L		11/14/24 07:52	12/09/24 00:08	1
Pentachloronitrobenzene	<0.0993	U *+	0.567	0.0993	ug/L		11/14/24 07:52	12/09/24 00:08	1
Phenacetin	<0.0993	U *+	0.567	0.0993	ug/L		11/14/24 07:52	12/09/24 00:08	1
Phorate	<0.220	U *+	0.567	0.220	ug/L		11/14/24 07:52	12/09/24 00:08	1

Client Sample ID: CM-03
Lab Sample ID: 860-86901-3
Date Collected: 11/12/24 08:45
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Phenylene diamine	<0.496	U *-	1.13	0.496	ug/L		11/14/24 07:52	12/09/24 00:08	1
Pronamide	<0.0993	U *+	0.567	0.0993	ug/L		11/14/24 07:52	12/09/24 00:08	1
Safrole, Total	<0.0567	U	0.567	0.0567	ug/L		11/14/24 07:52	12/09/24 00:08	1
Sulfotepp	**0.373**	**J *+**	0.567	0.146	ug/L		11/14/24 07:52	12/09/24 00:08	1
Thionazin	<0.207	U *+	1.13	0.207	ug/L		11/14/24 07:52	12/09/24 00:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*134*	*S1+*	*35 - 130*	*11/14/24 07:52*	*12/09/24 00:08*	*1*
2-Fluorobiphenyl	*117*		*43 - 130*	*11/14/24 07:52*	*12/09/24 00:08*	*1*
2-Fluorophenol (Surr)	*76*		*19 - 120*	*11/14/24 07:52*	*12/09/24 00:08*	*1*
Nitrobenzene-d5 (Surr)	*136*	*S1+*	*37 - 133*	*11/14/24 07:52*	*12/09/24 00:08*	*1*
Phenol-d5 (Surr)	*46*		*8 - 124*	*11/14/24 07:52*	*12/09/24 00:08*	*1*
p-Terphenyl-d14	*122*		*47 - 130*	*11/14/24 07:52*	*12/09/24 00:08*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0761	U H	0.567	0.0761	ug/L		12/11/24 04:48	12/14/24 21:13	1
1,2-Dichlorobenzene	<0.0934	U H	0.567	0.0934	ug/L		12/11/24 04:48	12/14/24 21:13	1
1,3-Dichlorobenzene	<0.101	U H	0.567	0.101	ug/L		12/11/24 04:48	12/14/24 21:13	1
1,4-Dichlorobenzene	<0.0774	U H	0.567	0.0774	ug/L		12/11/24 04:48	12/14/24 21:13	1
2,2'-oxybis[1-chloropropane]	<1.42	U H	2.84	1.42	ug/L		12/11/24 04:48	12/14/24 21:13	1
2,4,5-Trichlorophenol	<0.142	U H	0.567	0.142	ug/L		12/11/24 04:48	12/14/24 21:13	1
2,4,6-Trichlorophenol	<0.229	U H	0.567	0.229	ug/L		12/11/24 04:48	12/14/24 21:13	1
2,4-Dichlorophenol	<0.139	U H	0.567	0.139	ug/L		12/11/24 04:48	12/14/24 21:13	1
2,4-Dimethylphenol	<0.191	U *+ H	0.567	0.191	ug/L		12/11/24 04:48	12/14/24 21:13	1
1,4-Dioxane	**0.731**	**H**	0.567	0.0884	ug/L		12/11/24 04:48	12/14/24 21:13	1
2,4-Dinitrophenol	<0.103	U H	2.84	0.103	ug/L		12/11/24 04:48	12/14/24 21:13	1
2,4-Dinitrotoluene	<0.203	U H	0.567	0.203	ug/L		12/11/24 04:48	12/14/24 21:13	1
2,6-Dinitrotoluene	<0.115	U H	0.567	0.115	ug/L		12/11/24 04:48	12/14/24 21:13	1
2-Chloronaphthalene	<0.376	U H	0.567	0.376	ug/L		12/11/24 04:48	12/14/24 21:13	1
2-Methylnaphthalene	<0.0598	U H	0.567	0.0598	ug/L		12/11/24 04:48	12/14/24 21:13	1
2-Methylphenol	<0.104	U H	0.567	0.104	ug/L		12/11/24 04:48	12/14/24 21:13	1
2-Nitroaniline	<0.148	U H	0.567	0.148	ug/L		12/11/24 04:48	12/14/24 21:13	1
2-Nitrophenol	<0.135	U H	0.567	0.135	ug/L		12/11/24 04:48	12/14/24 21:13	1
3 & 4 Methylphenol	<0.138	U H	0.567	0.138	ug/L		12/11/24 04:48	12/14/24 21:13	1
3-Nitroaniline	<0.0846	U H	0.567	0.0846	ug/L		12/11/24 04:48	12/14/24 21:13	1
4,6-Dinitro-2-methylphenol	<0.200	U H	1.13	0.200	ug/L		12/11/24 04:48	12/14/24 21:13	1
4-Bromophenyl phenyl ether	<0.0996	U H	0.567	0.0996	ug/L		12/11/24 04:48	12/14/24 21:13	1
4-Chloro-3-methylphenol	<0.103	U H	0.567	0.103	ug/L		12/11/24 04:48	12/14/24 21:13	1
4-Chloroaniline	<0.0383	U H	0.567	0.0383	ug/L		12/11/24 04:48	12/14/24 21:13	1
4-Chlorophenyl phenyl ether	<0.129	U H	0.567	0.129	ug/L		12/11/24 04:48	12/14/24 21:13	1
4-Nitroaniline	<0.108	U H	0.567	0.108	ug/L		12/11/24 04:48	12/14/24 21:13	1
Acenaphthene	<0.107	U H	0.567	0.107	ug/L		12/11/24 04:48	12/14/24 21:13	1
Acenaphthylene	<0.0989	U H	0.567	0.0989	ug/L		12/11/24 04:48	12/14/24 21:13	1
Aniline	<0.0575	U H	0.567	0.0575	ug/L		12/11/24 04:48	12/14/24 21:13	1
Anthracene	<0.0931	U *+ H	0.567	0.0931	ug/L		12/11/24 04:48	12/14/24 21:13	1
Benzo[a]anthracene	<0.0284	U *+ H	0.0284	0.0284	ug/L		12/11/24 04:48	12/14/24 21:13	1
Benzo[a]pyrene	<0.0298	U H	0.0567	0.0298	ug/L		12/11/24 04:48	12/14/24 21:13	1
Benzo[b]fluoranthene	<0.0659	U *+ H	0.567	0.0659	ug/L		12/11/24 04:48	12/14/24 21:13	1
Benzo[g,h,i]perylene	<0.0343	U H	0.567	0.0343	ug/L		12/11/24 04:48	12/14/24 21:13	1

Client Sample ID: CM-03
Lab Sample ID: 860-86901-3
Date Collected: 11/12/24 08:45
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	<0.0469	U H	0.567	0.0469	ug/L		12/11/24 04:48	12/14/24 21:13	1
Benzyl alcohol	<0.596	U H	1.13	0.596	ug/L		12/11/24 04:48	12/14/24 21:13	1
Bis(2-chloroethoxy)methane	<0.0967	U H	0.567	0.0967	ug/L		12/11/24 04:48	12/14/24 21:13	1
Bis(2-chloroethyl)ether	<0.213	U H	0.567	0.213	ug/L		12/11/24 04:48	12/14/24 21:13	1
Bis(2-ethylhexyl) phthalate	<0.894	U *+ H	1.13	0.894	ug/L		12/11/24 04:48	12/14/24 21:13	1
Butyl benzyl phthalate	<0.496	U H	1.13	0.496	ug/L		12/11/24 04:48	12/14/24 21:13	1
Chrysene	<0.0810	U *+ H	0.567	0.0810	ug/L		12/11/24 04:48	12/14/24 21:13	1
Dibenz(a,h)anthracene	<0.0505	U H	0.113	0.0505	ug/L		12/11/24 04:48	12/14/24 21:13	1
Dibenzofuran	<0.106	U H	0.567	0.106	ug/L		12/11/24 04:48	12/14/24 21:13	1
Diethyl phthalate	<0.154	U H	1.13	0.154	ug/L		12/11/24 04:48	12/14/24 21:13	1
Dimethyl phthalate	<0.107	U H	1.13	0.107	ug/L		12/11/24 04:48	12/14/24 21:13	1
Di-n-butyl phthalate	<0.760	U H	1.13	0.760	ug/L		12/11/24 04:48	12/14/24 21:13	1
Di-n-octyl phthalate	<0.267	U H	1.13	0.267	ug/L		12/11/24 04:48	12/14/24 21:13	1
Fluoranthene	<0.0877	U H	0.567	0.0877	ug/L		12/11/24 04:48	12/14/24 21:13	1
Fluorene	<0.0941	U H	0.567	0.0941	ug/L		12/11/24 04:48	12/14/24 21:13	1
Hexachlorobenzene	<0.0968	U H	0.567	0.0968	ug/L		12/11/24 04:48	12/14/24 21:13	1
Hexachlorobutadiene	<0.102	U H	0.567	0.102	ug/L		12/11/24 04:48	12/14/24 21:13	1
Hexachlorocyclopentadiene	<0.0508	U *+ H	0.567	0.0508	ug/L		12/11/24 04:48	12/14/24 21:13	1
Hexachloroethane	<0.101	U H	0.567	0.101	ug/L		12/11/24 04:48	12/14/24 21:13	1
Indeno[1,2,3-cd]pyrene	<0.0993	U H	0.567	0.0993	ug/L		12/11/24 04:48	12/14/24 21:13	1
Isophorone	<0.106	U H	0.567	0.106	ug/L		12/11/24 04:48	12/14/24 21:13	1
Naphthalene	<0.0938	U H	0.567	0.0938	ug/L		12/11/24 04:48	12/14/24 21:13	1
Nitrobenzene	<0.0731	U H	0.567	0.0731	ug/L		12/11/24 04:48	12/14/24 21:13	1
N-Nitrosodi-n-propylamine	<0.118	U H	0.567	0.118	ug/L		12/11/24 04:48	12/14/24 21:13	1
N-Nitrosodiphenylamine	<0.144	U H	0.567	0.144	ug/L		12/11/24 04:48	12/14/24 21:13	1
Pentachlorophenol	<1.03	U H	1.13	1.03	ug/L		12/11/24 04:48	12/14/24 21:13	1
Phenanthrene	<0.133	U *+ H	0.567	0.133	ug/L		12/11/24 04:48	12/14/24 21:13	1
Phenol	<0.445	U H	2.84	0.445	ug/L		12/11/24 04:48	12/14/24 21:13	1
Pyrene	<0.0843	U H	0.567	0.0843	ug/L		12/11/24 04:48	12/14/24 21:13	1
Pyridine	<1.43	U H *1	2.84	1.43	ug/L		12/11/24 04:48	12/14/24 21:13	1
N-Nitro-o-toluidine	<0.516	U H	1.13	0.516	ug/L		12/11/24 04:48	12/14/24 21:13	1
2,3,4,6-Tetrachlorophenol	<0.209	U *+ H	0.567	0.209	ug/L		12/11/24 04:48	12/14/24 21:13	1
Acetophenone	<0.619	U H	1.13	0.619	ug/L		12/11/24 04:48	12/14/24 21:13	1
N-Nitrosopiperidine	<0.464	U H	1.13	0.464	ug/L		12/11/24 04:48	12/14/24 21:13	1
Pentachlorobenzene	<0.264	U H	0.567	0.264	ug/L		12/11/24 04:48	12/14/24 21:13	1
Diphenyl ether	**0.130**	**J H**	0.567	0.0903	ug/L		12/11/24 04:48	12/14/24 21:13	1
1,1'-Biphenyl	<0.0974	U H	0.567	0.0974	ug/L		12/11/24 04:48	12/14/24 21:13	1
4-Aminobiphenyl	<0.391	U H	0.567	0.391	ug/L		12/11/24 04:48	12/14/24 21:13	1
1,2,4,5-Tetrachlorobenzene	<0.0951	U H	0.567	0.0951	ug/L		12/11/24 04:48	12/14/24 21:13	1
1,3,5-Trinitrobenzene	<0.118	U H	0.567	0.118	ug/L		12/11/24 04:48	12/14/24 21:13	1
1,3-Dinitrobenzene	<0.0767	U H	0.567	0.0767	ug/L		12/11/24 04:48	12/14/24 21:13	1
1,4-Naphthoquinone	<0.312	U H	0.567	0.312	ug/L		12/11/24 04:48	12/14/24 21:13	1
1-Naphthylamine	<0.148	U H	0.567	0.148	ug/L		12/11/24 04:48	12/14/24 21:13	1
2,6-Dichlorophenol	<0.117	U H	0.567	0.117	ug/L		12/11/24 04:48	12/14/24 21:13	1
2-Acetylaminofluorene	<1.26	U *+ H	2.84	1.26	ug/L		12/11/24 04:48	12/14/24 21:13	1
2-Chlorophenol	<0.0751	U H	0.567	0.0751	ug/L		12/11/24 04:48	12/14/24 21:13	1
2-Naphthylamine	<0.286	U H	0.567	0.286	ug/L		12/11/24 04:48	12/14/24 21:13	1
2-Picoline	<0.122	U H	0.567	0.122	ug/L		12/11/24 04:48	12/14/24 21:13	1
2-Toluidine	<0.304	U H	0.567	0.304	ug/L		12/11/24 04:48	12/14/24 21:13	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86901-1

Client Sample ID: CM-03
Date Collected: 11/12/24 08:45
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	<0.182	U H	0.567	0.182	ug/L		12/11/24 04:48	12/14/24 21:13	1
3,3'-Dimethylbenzidine	<0.141	U H	0.567	0.141	ug/L		12/11/24 04:48	12/14/24 21:13	1
3-Methylcholanthrene	<0.104	U H	0.567	0.104	ug/L		12/11/24 04:48	12/14/24 21:13	1
4-Nitroquinoline-1-oxide	<0.725	U H	1.13	0.725	ug/L		12/11/24 04:48	12/14/24 21:13	1
7,12-Dimethylbenz(a)anthracene	<0.239	U H	0.567	0.239	ug/L		12/11/24 04:48	12/14/24 21:13	1
alpha,alpha-Dimethyl phenethylamine	<3.64	U H *-	5.67	3.64	ug/L		12/11/24 04:48	12/14/24 21:13	1
Aramite Peak 1	<0.0780	U *+ H	0.567	0.0780	ug/L		12/11/24 04:48	12/14/24 21:13	1
Aramite Peak 2	<0.0947	U H	0.567	0.0947	ug/L		12/11/24 04:48	12/14/24 21:13	1
Aramite, Total	<0.0947	U H	0.567	0.0947	ug/L		12/11/24 04:48	12/14/24 21:13	1
Diallate	<0.0829	U H	0.567	0.0829	ug/L		12/11/24 04:48	12/14/24 21:13	1
Diallate Peak 1	<0.0829	U H	0.567	0.0829	ug/L		12/11/24 04:48	12/14/24 21:13	1
Diallate Peak 2	<0.0383	U H	0.567	0.0383	ug/L		12/11/24 04:48	12/14/24 21:13	1
Dimethoate	<0.121	U H	0.567	0.121	ug/L		12/11/24 04:48	12/14/24 21:13	1
Dinoseb	<0.566	U H	2.84	0.566	ug/L		12/11/24 04:48	12/14/24 21:13	1
Disulfoton	<0.201	U H	0.567	0.201	ug/L		12/11/24 04:48	12/14/24 21:13	1
Ethyl methanesulfonate	<0.225	U H	0.567	0.225	ug/L		12/11/24 04:48	12/14/24 21:13	1
Ethyl Parathion	<0.0498	U H	0.227	0.0498	ug/L		12/11/24 04:48	12/14/24 21:13	1
Famphur	<0.150	U H	1.13	0.150	ug/L		12/11/24 04:48	12/14/24 21:13	1
Hexachloropropene	<0.298	U H	0.567	0.298	ug/L		12/11/24 04:48	12/14/24 21:13	1
Isosafrole	<0.239	U H	0.567	0.239	ug/L		12/11/24 04:48	12/14/24 21:13	1
Isosafrole Peak 1	<0.0460	U H	0.567	0.0460	ug/L		12/11/24 04:48	12/14/24 21:13	1
Isosafrole Peak 2	<0.239	U H	0.567	0.239	ug/L		12/11/24 04:48	12/14/24 21:13	1
Methapyrilene	<0.993	U H	2.27	0.993	ug/L		12/11/24 04:48	12/14/24 21:13	1
Methyl methanesulfonate	<0.119	U H	0.567	0.119	ug/L		12/11/24 04:48	12/14/24 21:13	1
Methyl parathion	<0.317	U H	0.567	0.317	ug/L		12/11/24 04:48	12/14/24 21:13	1
N-Nitrosodiethylamine	<0.535	U H	1.13	0.535	ug/L		12/11/24 04:48	12/14/24 21:13	1
N-Nitrosodimethylamine	<0.0993	U H *-	0.567	0.0993	ug/L		12/11/24 04:48	12/14/24 21:13	1
N-Nitrosodi-n-butylamine	<0.512	U H	1.13	0.512	ug/L		12/11/24 04:48	12/14/24 21:13	1
N-Nitrosomethylethylamine	<0.292	U H	0.567	0.292	ug/L		12/11/24 04:48	12/14/24 21:13	1
N-Nitrosomorpholine	<0.219	U H	0.567	0.219	ug/L		12/11/24 04:48	12/14/24 21:13	1
N-Nitrosopyrrolidine	<0.266	U H	0.567	0.266	ug/L		12/11/24 04:48	12/14/24 21:13	1
o,o',o''-Triethylphosphorothioate	**0.624**	**H**	0.567	0.137	ug/L		12/11/24 04:48	12/14/24 21:13	1
p-Dimethylamino azobenzene	<0.0236	U H	0.567	0.0236	ug/L		12/11/24 04:48	12/14/24 21:13	1
Pentachloronitrobenzene	<0.0993	U H	0.567	0.0993	ug/L		12/11/24 04:48	12/14/24 21:13	1
Phenacetin	<0.0993	U H	0.567	0.0993	ug/L		12/11/24 04:48	12/14/24 21:13	1
Phorate	<0.220	U H	0.567	0.220	ug/L		12/11/24 04:48	12/14/24 21:13	1
p-Phenylene diamine	<0.496	U H *-	1.13	0.496	ug/L		12/11/24 04:48	12/14/24 21:13	1
Pronamide	<0.0993	U H	0.567	0.0993	ug/L		12/11/24 04:48	12/14/24 21:13	1
Safrole, Total	<0.0567	U H	0.567	0.0567	ug/L		12/11/24 04:48	12/14/24 21:13	1
Sulfotepp	<0.146	U H	0.567	0.146	ug/L		12/11/24 04:48	12/14/24 21:13	1
Thionazin	<0.207	U H	1.13	0.207	ug/L		12/11/24 04:48	12/14/24 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*35 - 130*	*12/11/24 04:48*	*12/14/24 21:13*	*1*
2-Fluorobiphenyl	*86*		*43 - 130*	*12/11/24 04:48*	*12/14/24 21:13*	*1*
2-Fluorophenol (Surr)	*73*		*19 - 120*	*12/11/24 04:48*	*12/14/24 21:13*	*1*
Nitrobenzene-d5 (Surr)	*105*		*37 - 133*	*12/11/24 04:48*	*12/14/24 21:13*	*1*
Phenol-d5 (Surr)	*54*		*8 - 124*	*12/11/24 04:48*	*12/14/24 21:13*	*1*
p-Terphenyl-d14	*115*		*47 - 130*	*12/11/24 04:48*	*12/14/24 21:13*	*1*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86901-1

Client Sample ID: CM-02
Date Collected: 11/12/24 09:13
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/16/24 02:32	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/16/24 02:32	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/16/24 02:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/16/24 02:32	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/16/24 02:32	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/16/24 02:32	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/16/24 02:32	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/16/24 02:32	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/16/24 02:32	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/16/24 02:32	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/16/24 02:32	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/16/24 02:32	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/16/24 02:32	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/16/24 02:32	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/16/24 02:32	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/16/24 02:32	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/16/24 02:32	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/16/24 02:32	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/16/24 02:32	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/16/24 02:32	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/16/24 02:32	1
Acetone	<3.07	U	100	3.07	ug/L			11/16/24 02:32	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/16/24 02:32	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/16/24 02:32	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/16/24 02:32	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/16/24 02:32	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/16/24 02:32	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/16/24 02:32	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/16/24 02:32	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/16/24 02:32	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/16/24 02:32	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/16/24 02:32	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/16/24 02:32	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/16/24 02:32	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/16/24 02:32	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/16/24 02:32	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/16/24 02:32	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/16/24 02:32	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/16/24 02:32	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/16/24 02:32	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/16/24 02:32	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/16/24 02:32	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/16/24 02:32	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/16/24 02:32	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/16/24 02:32	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/16/24 02:32	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/16/24 02:32	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/16/24 02:32	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/16/24 02:32	1

Client Sample ID: CM-02
Date Collected: 11/12/24 09:13
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/16/24 02:32	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/16/24 02:32	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/16/24 02:32	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/16/24 02:32	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/16/24 02:32	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/16/24 02:32	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/16/24 02:32	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/16/24 02:32	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/16/24 02:32	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/16/24 02:32	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/16/24 02:32	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/16/24 02:32	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/16/24 02:32	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/16/24 02:32	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/16/24 02:32	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/16/24 02:32	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/16/24 02:32	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/16/24 02:32	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/16/24 02:32	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/16/24 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*63 - 144*		*11/16/24 02:32*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*11/16/24 02:32*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 131*		*11/16/24 02:32*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/16/24 02:32*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0761	U	0.567	0.0761	ug/L		11/14/24 07:52	12/09/24 00:38	1
1,2-Dichlorobenzene	<0.0934	U	0.567	0.0934	ug/L		11/14/24 07:52	12/09/24 00:38	1
1,3-Dichlorobenzene	<0.101	U	0.567	0.101	ug/L		11/14/24 07:52	12/09/24 00:38	1
1,4-Dichlorobenzene	<0.0774	U	0.567	0.0774	ug/L		11/14/24 07:52	12/09/24 00:38	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.84	1.42	ug/L		11/14/24 07:52	12/09/24 00:38	1
2,4,5-Trichlorophenol	<0.142	U	0.567	0.142	ug/L		11/14/24 07:52	12/09/24 00:38	1
2,4,6-Trichlorophenol	<0.229	U	0.567	0.229	ug/L		11/14/24 07:52	12/09/24 00:38	1
2,4-Dichlorophenol	<0.139	U	0.567	0.139	ug/L		11/14/24 07:52	12/09/24 00:38	1
2,4-Dimethylphenol	<0.191	U *+	0.567	0.191	ug/L		11/14/24 07:52	12/09/24 00:38	1
1,4-Dioxane	**0.571**		0.567	0.0884	ug/L		11/14/24 07:52	12/09/24 00:38	1
2,4-Dinitrophenol	<0.103	U	2.84	0.103	ug/L		11/14/24 07:52	12/09/24 00:38	1
2,4-Dinitrotoluene	<0.203	U *+	0.567	0.203	ug/L		11/14/24 07:52	12/09/24 00:38	1
2,6-Dinitrotoluene	<0.115	U	0.567	0.115	ug/L		11/14/24 07:52	12/09/24 00:38	1
2-Chloronaphthalene	<0.376	U	0.567	0.376	ug/L		11/14/24 07:52	12/09/24 00:38	1
2-Methylnaphthalene	<0.0598	U	0.567	0.0598	ug/L		11/14/24 07:52	12/09/24 00:38	1
2-Methylphenol	<0.104	U	0.567	0.104	ug/L		11/14/24 07:52	12/09/24 00:38	1
2-Nitroaniline	<0.148	U *+	0.567	0.148	ug/L		11/14/24 07:52	12/09/24 00:38	1
2-Nitrophenol	<0.135	U	0.567	0.135	ug/L		11/14/24 07:52	12/09/24 00:38	1
3 & 4 Methylphenol	<0.138	U	0.567	0.138	ug/L		11/14/24 07:52	12/09/24 00:38	1
3-Nitroaniline	<0.0846	U	0.567	0.0846	ug/L		11/14/24 07:52	12/09/24 00:38	1
4,6-Dinitro-2-methylphenol	<0.200	U	1.13	0.200	ug/L		11/14/24 07:52	12/09/24 00:38	1

Client: Ashland LLC
Job ID: 860-86901-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: CM-02
Lab Sample ID: 860-86901-4
Date Collected: 11/12/24 09:13
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	<0.0996	U *+	0.567	0.0996	ug/L		11/14/24 07:52	12/09/24 00:38	1
4-Chloro-3-methylphenol	<0.103	U	0.567	0.103	ug/L		11/14/24 07:52	12/09/24 00:38	1
4-Chloroaniline	<0.0383	U	0.567	0.0383	ug/L		11/14/24 07:52	12/09/24 00:38	1
4-Chlorophenyl phenyl ether	<0.129	U	0.567	0.129	ug/L		11/14/24 07:52	12/09/24 00:38	1
4-Nitroaniline	<0.108	U *+	0.567	0.108	ug/L		11/14/24 07:52	12/09/24 00:38	1
Acenaphthene	<0.107	U	0.567	0.107	ug/L		11/14/24 07:52	12/09/24 00:38	1
Acenaphthylene	<0.0989	U	0.567	0.0989	ug/L		11/14/24 07:52	12/09/24 00:38	1
Aniline	<0.0575	U	0.567	0.0575	ug/L		11/14/24 07:52	12/09/24 00:38	1
Anthracene	<0.0931	U	0.567	0.0931	ug/L		11/14/24 07:52	12/09/24 00:38	1
Benzo[a]anthracene	<0.0284	U	0.0284	0.0284	ug/L		11/14/24 07:52	12/09/24 00:38	1
Benzo[a]pyrene	<0.0298	U	0.0567	0.0298	ug/L		11/14/24 07:52	12/09/24 00:38	1
Benzo[b]fluoranthene	<0.0659	U	0.567	0.0659	ug/L		11/14/24 07:52	12/09/24 00:38	1
Benzo[g,h,i]perylene	<0.0343	U	0.567	0.0343	ug/L		11/14/24 07:52	12/09/24 00:38	1
Benzo[k]fluoranthene	<0.0469	U	0.567	0.0469	ug/L		11/14/24 07:52	12/09/24 00:38	1
Benzyl alcohol	<0.596	U	1.13	0.596	ug/L		11/14/24 07:52	12/09/24 00:38	1
Bis(2-chloroethoxy)methane	<0.0967	U	0.567	0.0967	ug/L		11/14/24 07:52	12/09/24 00:38	1
Bis(2-chloroethyl)ether	<0.213	U *+	0.567	0.213	ug/L		11/14/24 07:52	12/09/24 00:38	1
Bis(2-ethylhexyl) phthalate	<0.894	U	1.13	0.894	ug/L		11/14/24 07:52	12/09/24 00:38	1
Butyl benzyl phthalate	<0.496	U	1.13	0.496	ug/L		11/14/24 07:52	12/09/24 00:38	1
Chrysene	<0.0810	U	0.567	0.0810	ug/L		11/14/24 07:52	12/09/24 00:38	1
Dibenz(a,h)anthracene	<0.0505	U	0.113	0.0505	ug/L		11/14/24 07:52	12/09/24 00:38	1
Dibenzofuran	<0.106	U *+	0.567	0.106	ug/L		11/14/24 07:52	12/09/24 00:38	1
Diethyl phthalate	<0.154	U	1.13	0.154	ug/L		11/14/24 07:52	12/09/24 00:38	1
Dimethyl phthalate	<0.107	U *+	1.13	0.107	ug/L		11/14/24 07:52	12/09/24 00:38	1
Di-n-butyl phthalate	<0.760	U *+	1.13	0.760	ug/L		11/14/24 07:52	12/09/24 00:38	1
Di-n-octyl phthalate	<0.267	U	1.13	0.267	ug/L		11/14/24 07:52	12/09/24 00:38	1
Fluoranthene	<0.0877	U	0.567	0.0877	ug/L		11/14/24 07:52	12/09/24 00:38	1
Fluorene	<0.0941	U	0.567	0.0941	ug/L		11/14/24 07:52	12/09/24 00:38	1
Hexachlorobenzene	<0.0968	U	0.567	0.0968	ug/L		11/14/24 07:52	12/09/24 00:38	1
Hexachlorobutadiene	<0.102	U	0.567	0.102	ug/L		11/14/24 07:52	12/09/24 00:38	1
Hexachlorocyclopentadiene	<0.0508	U	0.567	0.0508	ug/L		11/14/24 07:52	12/09/24 00:38	1
Hexachloroethane	<0.101	U	0.567	0.101	ug/L		11/14/24 07:52	12/09/24 00:38	1
Indeno[1,2,3-cd]pyrene	<0.0993	U	0.567	0.0993	ug/L		11/14/24 07:52	12/09/24 00:38	1
Isophorone	<0.106	U	0.567	0.106	ug/L		11/14/24 07:52	12/09/24 00:38	1
Naphthalene	<0.0938	U	0.567	0.0938	ug/L		11/14/24 07:52	12/09/24 00:38	1
Nitrobenzene	<0.0731	U	0.567	0.0731	ug/L		11/14/24 07:52	12/09/24 00:38	1
N-Nitrosodi-n-propylamine	<0.118	U	0.567	0.118	ug/L		11/14/24 07:52	12/09/24 00:38	1
N-Nitrosodiphenylamine	<0.144	U *+	0.567	0.144	ug/L		11/14/24 07:52	12/09/24 00:38	1
Pentachlorophenol	<1.03	U	1.13	1.03	ug/L		11/14/24 07:52	12/09/24 00:38	1
Phenanthrene	<0.133	U *+	0.567	0.133	ug/L		11/14/24 07:52	12/09/24 00:38	1
Phenol	<0.445	U	2.84	0.445	ug/L		11/14/24 07:52	12/09/24 00:38	1
Pyrene	<0.0843	U	0.567	0.0843	ug/L		11/14/24 07:52	12/09/24 00:38	1
Pyridine	<1.43	U	2.84	1.43	ug/L		11/14/24 07:52	12/09/24 00:38	1
N-Nitro-o-toluidine	<0.516	U	1.13	0.516	ug/L		11/14/24 07:52	12/09/24 00:38	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.567	0.209	ug/L		11/14/24 07:52	12/09/24 00:38	1
Acetophenone	<0.619	U	1.13	0.619	ug/L		11/14/24 07:52	12/09/24 00:38	1
N-Nitrosopiperidine	<0.464	U	1.13	0.464	ug/L		11/14/24 07:52	12/09/24 00:38	1
Pentachlorobenzene	<0.264	U	0.567	0.264	ug/L		11/14/24 07:52	12/09/24 00:38	1
Diphenyl ether	<0.0903	U	0.567	0.0903	ug/L		11/14/24 07:52	12/09/24 00:38	1

Client Sample ID: CM-02
Lab Sample ID: 860-86901-4
Date Collected: 11/12/24 09:13
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.0974	U	0.567	0.0974	ug/L		11/14/24 07:52	12/09/24 00:38	1
4-Aminobiphenyl	<0.391	U	0.567	0.391	ug/L		11/14/24 07:52	12/09/24 00:38	1
1,2,4,5-Tetrachlorobenzene	<0.0951	U *-	0.567	0.0951	ug/L		11/14/24 07:52	12/09/24 00:38	1
1,3,5-Trinitrobenzene	<0.118	U *+	0.567	0.118	ug/L		11/14/24 07:52	12/09/24 00:38	1
1,3-Dinitrobenzene	<0.0767	U *+	0.567	0.0767	ug/L		11/14/24 07:52	12/09/24 00:38	1
1,4-Naphthoquinone	<0.312	U	0.567	0.312	ug/L		11/14/24 07:52	12/09/24 00:38	1
1-Naphthylamine	<0.148	U	0.567	0.148	ug/L		11/14/24 07:52	12/09/24 00:38	1
2,6-Dichlorophenol	<0.117	U	0.567	0.117	ug/L		11/14/24 07:52	12/09/24 00:38	1
2-Acetylaminofluorene	<1.26	U *+	2.84	1.26	ug/L		11/14/24 07:52	12/09/24 00:38	1
2-Chlorophenol	<0.0751	U *+	0.567	0.0751	ug/L		11/14/24 07:52	12/09/24 00:38	1
2-Naphthylamine	<0.286	U	0.567	0.286	ug/L		11/14/24 07:52	12/09/24 00:38	1
2-Picoline	<0.122	U	0.567	0.122	ug/L		11/14/24 07:52	12/09/24 00:38	1
2-Toluidine	<0.304	U	0.567	0.304	ug/L		11/14/24 07:52	12/09/24 00:38	1
3,3'-Dichlorobenzidine	<0.182	U	0.567	0.182	ug/L		11/14/24 07:52	12/09/24 00:38	1
3,3'-Dimethylbenzidine	<0.141	U *+	0.567	0.141	ug/L		11/14/24 07:52	12/09/24 00:38	1
3-Methylcholanthrene	<0.104	U	0.567	0.104	ug/L		11/14/24 07:52	12/09/24 00:38	1
4-Nitroquinoline-1-oxide	<0.725	U *+	1.13	0.725	ug/L		11/14/24 07:52	12/09/24 00:38	1
7,12-Dimethylbenz(a)anthracene	<0.239	U	0.567	0.239	ug/L		11/14/24 07:52	12/09/24 00:38	1
alpha,alpha-Dimethyl phenethylamine	<3.64	U *- *1	5.67	3.64	ug/L		11/14/24 07:52	12/09/24 00:38	1
Aramite Peak 1	<0.0780	U *+	0.567	0.0780	ug/L		11/14/24 07:52	12/09/24 00:38	1
Aramite Peak 2	<0.0947	U *+	0.567	0.0947	ug/L		11/14/24 07:52	12/09/24 00:38	1
Aramite, Total	<0.0947	U	0.567	0.0947	ug/L		11/14/24 07:52	12/09/24 00:38	1
Diallate	<0.0829	U	0.567	0.0829	ug/L		11/14/24 07:52	12/09/24 00:38	1
Diallate Peak 1	<0.0829	U *+	0.567	0.0829	ug/L		11/14/24 07:52	12/09/24 00:38	1
Diallate Peak 2	<0.0383	U *+	0.567	0.0383	ug/L		11/14/24 07:52	12/09/24 00:38	1
Dimethoate	<0.121	U *+	0.567	0.121	ug/L		11/14/24 07:52	12/09/24 00:38	1
Dinoseb	<0.566	U *+	2.84	0.566	ug/L		11/14/24 07:52	12/09/24 00:38	1
Disulfoton	<0.201	U *+	0.567	0.201	ug/L		11/14/24 07:52	12/09/24 00:38	1
Ethyl methanesulfonate	<0.225	U	0.567	0.225	ug/L		11/14/24 07:52	12/09/24 00:38	1
Ethyl Parathion	<0.0498	U *+	0.227	0.0498	ug/L		11/14/24 07:52	12/09/24 00:38	1
Famphur	<0.150	U *+	1.13	0.150	ug/L		11/14/24 07:52	12/09/24 00:38	1
Hexachloropropene	<0.298	U *-	0.567	0.298	ug/L		11/14/24 07:52	12/09/24 00:38	1
Isosafrole	<0.239	U	0.567	0.239	ug/L		11/14/24 07:52	12/09/24 00:38	1
Isosafrole Peak 1	<0.0460	U	0.567	0.0460	ug/L		11/14/24 07:52	12/09/24 00:38	1
Isosafrole Peak 2	<0.239	U	0.567	0.239	ug/L		11/14/24 07:52	12/09/24 00:38	1
Methapyrilene	<0.993	U *+	2.27	0.993	ug/L		11/14/24 07:52	12/09/24 00:38	1
Methyl methanesulfonate	<0.119	U	0.567	0.119	ug/L		11/14/24 07:52	12/09/24 00:38	1
Methyl parathion	<0.317	U *+	0.567	0.317	ug/L		11/14/24 07:52	12/09/24 00:38	1
N-Nitrosodiethylamine	<0.535	U	1.13	0.535	ug/L		11/14/24 07:52	12/09/24 00:38	1
N-Nitrosodimethylamine	<0.0993	U *-	0.567	0.0993	ug/L		11/14/24 07:52	12/09/24 00:38	1
N-Nitrosodi-n-butylamine	<0.512	U *+	1.13	0.512	ug/L		11/14/24 07:52	12/09/24 00:38	1
N-Nitrosomethylethylamine	<0.292	U	0.567	0.292	ug/L		11/14/24 07:52	12/09/24 00:38	1
N-Nitrosomorpholine	<0.219	U	0.567	0.219	ug/L		11/14/24 07:52	12/09/24 00:38	1
N-Nitrosopyrrolidine	<0.266	U	0.567	0.266	ug/L		11/14/24 07:52	12/09/24 00:38	1
o,o',o''-Triethylphosphorothioate	<0.137	U *+ *- *1	0.567	0.137	ug/L		11/14/24 07:52	12/09/24 00:38	1
p-Dimethylamino azobenzene	<0.0236	U *+	0.567	0.0236	ug/L		11/14/24 07:52	12/09/24 00:38	1
Pentachloronitrobenzene	<0.0993	U *+	0.567	0.0993	ug/L		11/14/24 07:52	12/09/24 00:38	1
Phenacetin	<0.0993	U *+	0.567	0.0993	ug/L		11/14/24 07:52	12/09/24 00:38	1
Phorate	<0.220	U *+	0.567	0.220	ug/L		11/14/24 07:52	12/09/24 00:38	1

Client Sample ID: CM-02
Lab Sample ID: 860-86901-4
Date Collected: 11/12/24 09:13
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Phenylene diamine	<0.496	U *-	1.13	0.496	ug/L		11/14/24 07:52	12/09/24 00:38	1
Pronamide	<0.0993	U *+	0.567	0.0993	ug/L		11/14/24 07:52	12/09/24 00:38	1
Safrole, Total	<0.0567	U	0.567	0.0567	ug/L		11/14/24 07:52	12/09/24 00:38	1
Sulfotepp	<0.146	U *+	0.567	0.146	ug/L		11/14/24 07:52	12/09/24 00:38	1
Thionazin	<0.207	U *+	1.13	0.207	ug/L		11/14/24 07:52	12/09/24 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*127*		*35 - 130*	*11/14/24 07:52*	*12/09/24 00:38*	*1*
2-Fluorobiphenyl	*114*		*43 - 130*	*11/14/24 07:52*	*12/09/24 00:38*	*1*
2-Fluorophenol (Surr)	*78*		*19 - 120*	*11/14/24 07:52*	*12/09/24 00:38*	*1*
Nitrobenzene-d5 (Surr)	*135*	*S1+*	*37 - 133*	*11/14/24 07:52*	*12/09/24 00:38*	*1*
Phenol-d5 (Surr)	*48*		*8 - 124*	*11/14/24 07:52*	*12/09/24 00:38*	*1*
p-Terphenyl-d14	*124*		*47 - 130*	*11/14/24 07:52*	*12/09/24 00:38*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0764	U H	0.570	0.0764	ug/L		12/11/24 04:48	12/14/24 21:43	1
1,2-Dichlorobenzene	<0.0938	U H	0.570	0.0938	ug/L		12/11/24 04:48	12/14/24 21:43	1
1,3-Dichlorobenzene	<0.101	U H	0.570	0.101	ug/L		12/11/24 04:48	12/14/24 21:43	1
1,4-Dichlorobenzene	<0.0777	U H	0.570	0.0777	ug/L		12/11/24 04:48	12/14/24 21:43	1
2,2'-oxybis[1-chloropropane]	<1.42	U H	2.85	1.42	ug/L		12/11/24 04:48	12/14/24 21:43	1
2,4,5-Trichlorophenol	<0.143	U H	0.570	0.143	ug/L		12/11/24 04:48	12/14/24 21:43	1
2,4,6-Trichlorophenol	<0.230	U H	0.570	0.230	ug/L		12/11/24 04:48	12/14/24 21:43	1
2,4-Dichlorophenol	<0.140	U H	0.570	0.140	ug/L		12/11/24 04:48	12/14/24 21:43	1
2,4-Dimethylphenol	<0.192	U *+ H	0.570	0.192	ug/L		12/11/24 04:48	12/14/24 21:43	1
1,4-Dioxane	**0.541**	**J H**	0.570	0.0887	ug/L		12/11/24 04:48	12/14/24 21:43	1
2,4-Dinitrophenol	<0.104	U H	2.85	0.104	ug/L		12/11/24 04:48	12/14/24 21:43	1
2,4-Dinitrotoluene	<0.204	U H	0.570	0.204	ug/L		12/11/24 04:48	12/14/24 21:43	1
2,6-Dinitrotoluene	<0.116	U H	0.570	0.116	ug/L		12/11/24 04:48	12/14/24 21:43	1
2-Chloronaphthalene	<0.377	U H	0.570	0.377	ug/L		12/11/24 04:48	12/14/24 21:43	1
2-Methylnaphthalene	<0.0601	U H	0.570	0.0601	ug/L		12/11/24 04:48	12/14/24 21:43	1
2-Methylphenol	<0.104	U H	0.570	0.104	ug/L		12/11/24 04:48	12/14/24 21:43	1
2-Nitroaniline	<0.149	U H	0.570	0.149	ug/L		12/11/24 04:48	12/14/24 21:43	1
2-Nitrophenol	<0.136	U H	0.570	0.136	ug/L		12/11/24 04:48	12/14/24 21:43	1
3 & 4 Methylphenol	<0.138	U H	0.570	0.138	ug/L		12/11/24 04:48	12/14/24 21:43	1
3-Nitroaniline	<0.0850	U H	0.570	0.0850	ug/L		12/11/24 04:48	12/14/24 21:43	1
4,6-Dinitro-2-methylphenol	<0.201	U H	1.14	0.201	ug/L		12/11/24 04:48	12/14/24 21:43	1
4-Bromophenyl phenyl ether	<0.100	U H	0.570	0.100	ug/L		12/11/24 04:48	12/14/24 21:43	1
4-Chloro-3-methylphenol	<0.103	U H	0.570	0.103	ug/L		12/11/24 04:48	12/14/24 21:43	1
4-Chloroaniline	<0.0384	U H	0.570	0.0384	ug/L		12/11/24 04:48	12/14/24 21:43	1
4-Chlorophenyl phenyl ether	<0.130	U H	0.570	0.130	ug/L		12/11/24 04:48	12/14/24 21:43	1
4-Nitroaniline	<0.108	U H	0.570	0.108	ug/L		12/11/24 04:48	12/14/24 21:43	1
Acenaphthene	<0.107	U H	0.570	0.107	ug/L		12/11/24 04:48	12/14/24 21:43	1
Acenaphthylene	<0.0994	U H	0.570	0.0994	ug/L		12/11/24 04:48	12/14/24 21:43	1
Aniline	<0.0578	U H	0.570	0.0578	ug/L		12/11/24 04:48	12/14/24 21:43	1
Anthracene	<0.0935	U *+ H	0.570	0.0935	ug/L		12/11/24 04:48	12/14/24 21:43	1
Benzo[a]anthracene	<0.0285	U *+ H	0.0285	0.0285	ug/L		12/11/24 04:48	12/14/24 21:43	1
Benzo[a]pyrene	<0.0299	U H	0.0570	0.0299	ug/L		12/11/24 04:48	12/14/24 21:43	1
Benzo[b]fluoranthene	<0.0662	U *+ H	0.570	0.0662	ug/L		12/11/24 04:48	12/14/24 21:43	1
Benzo[g,h,i]perylene	<0.0344	U H	0.570	0.0344	ug/L		12/11/24 04:48	12/14/24 21:43	1

Client Sample ID: CM-02
Lab Sample ID: 860-86901-4
Date Collected: 11/12/24 09:13
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	<0.0471	U H	0.570	0.0471	ug/L		12/11/24 04:48	12/14/24 21:43	1
Benzyl alcohol	<0.598	U H	1.14	0.598	ug/L		12/11/24 04:48	12/14/24 21:43	1
Bis(2-chloroethoxy)methane	<0.0972	U H	0.570	0.0972	ug/L		12/11/24 04:48	12/14/24 21:43	1
Bis(2-chloroethyl)ether	<0.214	U H	0.570	0.214	ug/L		12/11/24 04:48	12/14/24 21:43	1
Bis(2-ethylhexyl) phthalate	<0.897	U *+ H	1.14	0.897	ug/L		12/11/24 04:48	12/14/24 21:43	1
Butyl benzyl phthalate	<0.499	U H	1.14	0.499	ug/L		12/11/24 04:48	12/14/24 21:43	1
Chrysene	<0.0813	U *+ H	0.570	0.0813	ug/L		12/11/24 04:48	12/14/24 21:43	1
Dibenz(a,h)anthracene	<0.0507	U H	0.114	0.0507	ug/L		12/11/24 04:48	12/14/24 21:43	1
Dibenzofuran	<0.106	U H	0.570	0.106	ug/L		12/11/24 04:48	12/14/24 21:43	1
Diethyl phthalate	<0.154	U H	1.14	0.154	ug/L		12/11/24 04:48	12/14/24 21:43	1
Dimethyl phthalate	<0.108	U H	1.14	0.108	ug/L		12/11/24 04:48	12/14/24 21:43	1
Di-n-butyl phthalate	<0.763	U H	1.14	0.763	ug/L		12/11/24 04:48	12/14/24 21:43	1
Di-n-octyl phthalate	<0.268	U H	1.14	0.268	ug/L		12/11/24 04:48	12/14/24 21:43	1
Fluoranthene	<0.0881	U H	0.570	0.0881	ug/L		12/11/24 04:48	12/14/24 21:43	1
Fluorene	<0.0945	U H	0.570	0.0945	ug/L		12/11/24 04:48	12/14/24 21:43	1
Hexachlorobenzene	<0.0972	U H	0.570	0.0972	ug/L		12/11/24 04:48	12/14/24 21:43	1
Hexachlorobutadiene	<0.102	U H	0.570	0.102	ug/L		12/11/24 04:48	12/14/24 21:43	1
Hexachlorocyclopentadiene	<0.0511	U *+ H	0.570	0.0511	ug/L		12/11/24 04:48	12/14/24 21:43	1
Hexachloroethane	<0.102	U H	0.570	0.102	ug/L		12/11/24 04:48	12/14/24 21:43	1
Indeno[1,2,3-cd]pyrene	<0.0997	U H	0.570	0.0997	ug/L		12/11/24 04:48	12/14/24 21:43	1
Isophorone	<0.106	U H	0.570	0.106	ug/L		12/11/24 04:48	12/14/24 21:43	1
Naphthalene	<0.0942	U H	0.570	0.0942	ug/L		12/11/24 04:48	12/14/24 21:43	1
Nitrobenzene	<0.0734	U H	0.570	0.0734	ug/L		12/11/24 04:48	12/14/24 21:43	1
N-Nitrosodi-n-propylamine	<0.118	U H	0.570	0.118	ug/L		12/11/24 04:48	12/14/24 21:43	1
N-Nitrosodiphenylamine	<0.144	U H	0.570	0.144	ug/L		12/11/24 04:48	12/14/24 21:43	1
Pentachlorophenol	<1.04	U H	1.14	1.04	ug/L		12/11/24 04:48	12/14/24 21:43	1
Phenanthrene	<0.134	U *+ H	0.570	0.134	ug/L		12/11/24 04:48	12/14/24 21:43	1
Phenol	<0.447	U H	2.85	0.447	ug/L		12/11/24 04:48	12/14/24 21:43	1
Pyrene	<0.0846	U H	0.570	0.0846	ug/L		12/11/24 04:48	12/14/24 21:43	1
Pyridine	<1.43	U H *1	2.85	1.43	ug/L		12/11/24 04:48	12/14/24 21:43	1
N-Nitro-o-toluidine	<0.519	U H	1.14	0.519	ug/L		12/11/24 04:48	12/14/24 21:43	1
2,3,4,6-Tetrachlorophenol	<0.210	U *+ H	0.570	0.210	ug/L		12/11/24 04:48	12/14/24 21:43	1
Acetophenone	<0.622	U H	1.14	0.622	ug/L		12/11/24 04:48	12/14/24 21:43	1
N-Nitrosopiperidine	<0.466	U H	1.14	0.466	ug/L		12/11/24 04:48	12/14/24 21:43	1
Pentachlorobenzene	<0.265	U H	0.570	0.265	ug/L		12/11/24 04:48	12/14/24 21:43	1
Diphenyl ether	<0.0907	U H	0.570	0.0907	ug/L		12/11/24 04:48	12/14/24 21:43	1
1,1'-Biphenyl	<0.0979	U H	0.570	0.0979	ug/L		12/11/24 04:48	12/14/24 21:43	1
4-Aminobiphenyl	<0.393	U H	0.570	0.393	ug/L		12/11/24 04:48	12/14/24 21:43	1
1,2,4,5-Tetrachlorobenzene	<0.0955	U H	0.570	0.0955	ug/L		12/11/24 04:48	12/14/24 21:43	1
1,3,5-Trinitrobenzene	<0.118	U H	0.570	0.118	ug/L		12/11/24 04:48	12/14/24 21:43	1
1,3-Dinitrobenzene	<0.0771	U H	0.570	0.0771	ug/L		12/11/24 04:48	12/14/24 21:43	1
1,4-Naphthoquinone	<0.313	U H	0.570	0.313	ug/L		12/11/24 04:48	12/14/24 21:43	1
1-Naphthylamine	<0.148	U H	0.570	0.148	ug/L		12/11/24 04:48	12/14/24 21:43	1
2,6-Dichlorophenol	<0.118	U H	0.570	0.118	ug/L		12/11/24 04:48	12/14/24 21:43	1
2-Acetylaminofluorene	<1.26	U *+ H	2.85	1.26	ug/L		12/11/24 04:48	12/14/24 21:43	1
2-Chlorophenol	<0.0754	U H	0.570	0.0754	ug/L		12/11/24 04:48	12/14/24 21:43	1
2-Naphthylamine	<0.287	U H	0.570	0.287	ug/L		12/11/24 04:48	12/14/24 21:43	1
2-Picoline	<0.122	U H	0.570	0.122	ug/L		12/11/24 04:48	12/14/24 21:43	1
2-Toluidine	<0.305	U H	0.570	0.305	ug/L		12/11/24 04:48	12/14/24 21:43	1

Client Sample ID: CM-02
Lab Sample ID: 860-86901-4
Date Collected: 11/12/24 09:13
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	<0.183	U H	0.570	0.183	ug/L		12/11/24 04:48	12/14/24 21:43	1
3,3'-Dimethylbenzidine	<0.141	U H	0.570	0.141	ug/L		12/11/24 04:48	12/14/24 21:43	1
3-Methylcholanthrene	<0.104	U H	0.570	0.104	ug/L		12/11/24 04:48	12/14/24 21:43	1
4-Nitroquinoline-1-oxide	<0.728	U H	1.14	0.728	ug/L		12/11/24 04:48	12/14/24 21:43	1
7,12-Dimethylbenz(a)anthracene	<0.240	U H	0.570	0.240	ug/L		12/11/24 04:48	12/14/24 21:43	1
alpha,alpha-Dimethyl phenethylamine	<3.66	U H *-	5.70	3.66	ug/L		12/11/24 04:48	12/14/24 21:43	1
Aramite Peak 1	<0.0783	U *+ H	0.570	0.0783	ug/L		12/11/24 04:48	12/14/24 21:43	1
Aramite Peak 2	<0.0951	U H	0.570	0.0951	ug/L		12/11/24 04:48	12/14/24 21:43	1
Aramite, Total	<0.0951	U H	0.570	0.0951	ug/L		12/11/24 04:48	12/14/24 21:43	1
Diallate	<0.0832	U H	0.570	0.0832	ug/L		12/11/24 04:48	12/14/24 21:43	1
Diallate Peak 1	<0.0832	U H	0.570	0.0832	ug/L		12/11/24 04:48	12/14/24 21:43	1
Diallate Peak 2	<0.0384	U H	0.570	0.0384	ug/L		12/11/24 04:48	12/14/24 21:43	1
Dimethoate	<0.121	U H	0.570	0.121	ug/L		12/11/24 04:48	12/14/24 21:43	1
Dinoseb	<0.568	U H	2.85	0.568	ug/L		12/11/24 04:48	12/14/24 21:43	1
Disulfoton	<0.202	U H	0.570	0.202	ug/L		12/11/24 04:48	12/14/24 21:43	1
Ethyl methanesulfonate	<0.226	U H	0.570	0.226	ug/L		12/11/24 04:48	12/14/24 21:43	1
Ethyl Parathion	<0.0501	U H	0.228	0.0501	ug/L		12/11/24 04:48	12/14/24 21:43	1
Famphur	<0.150	U H	1.14	0.150	ug/L		12/11/24 04:48	12/14/24 21:43	1
Hexachloropropene	<0.299	U H	0.570	0.299	ug/L		12/11/24 04:48	12/14/24 21:43	1
Isosafrole	<0.240	U H	0.570	0.240	ug/L		12/11/24 04:48	12/14/24 21:43	1
Isosafrole Peak 1	<0.0462	U H	0.570	0.0462	ug/L		12/11/24 04:48	12/14/24 21:43	1
Isosafrole Peak 2	<0.240	U H	0.570	0.240	ug/L		12/11/24 04:48	12/14/24 21:43	1
Methapyrilene	<0.997	U H	2.28	0.997	ug/L		12/11/24 04:48	12/14/24 21:43	1
Methyl methanesulfonate	<0.120	U H	0.570	0.120	ug/L		12/11/24 04:48	12/14/24 21:43	1
Methyl parathion	<0.318	U H	0.570	0.318	ug/L		12/11/24 04:48	12/14/24 21:43	1
N-Nitrosodiethylamine	<0.537	U H	1.14	0.537	ug/L		12/11/24 04:48	12/14/24 21:43	1
N-Nitrosodimethylamine	<0.0997	U H *-	0.570	0.0997	ug/L		12/11/24 04:48	12/14/24 21:43	1
N-Nitrosodi-n-butylamine	<0.514	U H	1.14	0.514	ug/L		12/11/24 04:48	12/14/24 21:43	1
N-Nitrosomethylethylamine	<0.293	U H	0.570	0.293	ug/L		12/11/24 04:48	12/14/24 21:43	1
N-Nitrosomorpholine	<0.220	U H	0.570	0.220	ug/L		12/11/24 04:48	12/14/24 21:43	1
N-Nitrosopyrrolidine	<0.267	U H	0.570	0.267	ug/L		12/11/24 04:48	12/14/24 21:43	1
o,o',o''-Triethylphosphorothioate	<0.138	U H	0.570	0.138	ug/L		12/11/24 04:48	12/14/24 21:43	1
p-Dimethylamino azobenzene	<0.0237	U H	0.570	0.0237	ug/L		12/11/24 04:48	12/14/24 21:43	1
Pentachloronitrobenzene	<0.0997	U H	0.570	0.0997	ug/L		12/11/24 04:48	12/14/24 21:43	1
Phenacetin	<0.0997	U H	0.570	0.0997	ug/L		12/11/24 04:48	12/14/24 21:43	1
Phorate	<0.221	U H	0.570	0.221	ug/L		12/11/24 04:48	12/14/24 21:43	1
p-Phenylene diamine	<0.499	U H *-	1.14	0.499	ug/L		12/11/24 04:48	12/14/24 21:43	1
Pronamide	<0.0997	U H	0.570	0.0997	ug/L		12/11/24 04:48	12/14/24 21:43	1
Safrole, Total	<0.0569	U H	0.570	0.0569	ug/L		12/11/24 04:48	12/14/24 21:43	1
Sulfotepp	<0.146	U H	0.570	0.146	ug/L		12/11/24 04:48	12/14/24 21:43	1
Thionazin	<0.208	U H	1.14	0.208	ug/L		12/11/24 04:48	12/14/24 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*35 - 130*	*12/11/24 04:48*	*12/14/24 21:43*	*1*
2-Fluorobiphenyl	*87*		*43 - 130*	*12/11/24 04:48*	*12/14/24 21:43*	*1*
2-Fluorophenol (Surr)	*69*		*19 - 120*	*12/11/24 04:48*	*12/14/24 21:43*	*1*
Nitrobenzene-d5 (Surr)	*111*		*37 - 133*	*12/11/24 04:48*	*12/14/24 21:43*	*1*
Phenol-d5 (Surr)	*48*		*8 - 124*	*12/11/24 04:48*	*12/14/24 21:43*	*1*
p-Terphenyl-d14	*127*		*47 - 130*	*12/11/24 04:48*	*12/14/24 21:43*	*1*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86901-1

Client Sample ID: CM-01
Date Collected: 11/12/24 09:33
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/16/24 02:52	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/16/24 02:52	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/16/24 02:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/16/24 02:52	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/16/24 02:52	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/16/24 02:52	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/16/24 02:52	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/16/24 02:52	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/16/24 02:52	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/16/24 02:52	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/16/24 02:52	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/16/24 02:52	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/16/24 02:52	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/16/24 02:52	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/16/24 02:52	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/16/24 02:52	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/16/24 02:52	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/16/24 02:52	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/16/24 02:52	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/16/24 02:52	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/16/24 02:52	1
Acetone	<3.07	U	100	3.07	ug/L			11/16/24 02:52	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/16/24 02:52	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/16/24 02:52	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/16/24 02:52	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/16/24 02:52	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/16/24 02:52	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/16/24 02:52	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/16/24 02:52	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/16/24 02:52	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/16/24 02:52	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/16/24 02:52	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/16/24 02:52	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/16/24 02:52	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/16/24 02:52	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/16/24 02:52	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/16/24 02:52	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/16/24 02:52	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/16/24 02:52	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/16/24 02:52	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/16/24 02:52	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/16/24 02:52	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/16/24 02:52	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/16/24 02:52	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/16/24 02:52	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/16/24 02:52	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/16/24 02:52	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/16/24 02:52	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/16/24 02:52	1

Client Sample ID: CM-01
Date Collected: 11/12/24 09:33
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/16/24 02:52	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/16/24 02:52	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/16/24 02:52	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/16/24 02:52	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/16/24 02:52	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/16/24 02:52	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/16/24 02:52	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/16/24 02:52	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/16/24 02:52	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/16/24 02:52	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/16/24 02:52	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/16/24 02:52	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/16/24 02:52	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/16/24 02:52	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/16/24 02:52	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/16/24 02:52	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/16/24 02:52	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/16/24 02:52	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/16/24 02:52	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/16/24 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*63 - 144*		*11/16/24 02:52*	*1*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*11/16/24 02:52*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 131*		*11/16/24 02:52*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/16/24 02:52*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0768	U	0.573	0.0768	ug/L		11/14/24 07:52	12/09/24 01:09	1
1,2-Dichlorobenzene	<0.0943	U	0.573	0.0943	ug/L		11/14/24 07:52	12/09/24 01:09	1
1,3-Dichlorobenzene	<0.102	U	0.573	0.102	ug/L		11/14/24 07:52	12/09/24 01:09	1
1,4-Dichlorobenzene	<0.0781	U	0.573	0.0781	ug/L		11/14/24 07:52	12/09/24 01:09	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.87	1.43	ug/L		11/14/24 07:52	12/09/24 01:09	1
2,4,5-Trichlorophenol	<0.144	U	0.573	0.144	ug/L		11/14/24 07:52	12/09/24 01:09	1
2,4,6-Trichlorophenol	<0.231	U	0.573	0.231	ug/L		11/14/24 07:52	12/09/24 01:09	1
2,4-Dichlorophenol	<0.140	U	0.573	0.140	ug/L		11/14/24 07:52	12/09/24 01:09	1
2,4-Dimethylphenol	<0.193	U *+	0.573	0.193	ug/L		11/14/24 07:52	12/09/24 01:09	1
1,4-Dioxane	**5.11**		0.573	0.0893	ug/L		11/14/24 07:52	12/09/24 01:09	1
2,4-Dinitrophenol	<0.104	U	2.87	0.104	ug/L		11/14/24 07:52	12/09/24 01:09	1
2,4-Dinitrotoluene	<0.205	U *+	0.573	0.205	ug/L		11/14/24 07:52	12/09/24 01:09	1
2,6-Dinitrotoluene	<0.117	U	0.573	0.117	ug/L		11/14/24 07:52	12/09/24 01:09	1
2-Chloronaphthalene	<0.379	U	0.573	0.379	ug/L		11/14/24 07:52	12/09/24 01:09	1
2-Methylnaphthalene	<0.0604	U	0.573	0.0604	ug/L		11/14/24 07:52	12/09/24 01:09	1
2-Methylphenol	<0.105	U	0.573	0.105	ug/L		11/14/24 07:52	12/09/24 01:09	1
2-Nitroaniline	<0.149	U *+	0.573	0.149	ug/L		11/14/24 07:52	12/09/24 01:09	1
2-Nitrophenol	<0.136	U	0.573	0.136	ug/L		11/14/24 07:52	12/09/24 01:09	1
3 & 4 Methylphenol	<0.139	U	0.573	0.139	ug/L		11/14/24 07:52	12/09/24 01:09	1
3-Nitroaniline	<0.0855	U	0.573	0.0855	ug/L		11/14/24 07:52	12/09/24 01:09	1
4,6-Dinitro-2-methylphenol	<0.202	U	1.15	0.202	ug/L		11/14/24 07:52	12/09/24 01:09	1

Client: Ashland LLC
Job ID: 860-86901-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: CM-01
Lab Sample ID: 860-86901-5
Date Collected: 11/12/24 09:33
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	<0.101	U *+	0.573	0.101	ug/L		11/14/24 07:52	12/09/24 01:09	1
4-Chloro-3-methylphenol	<0.104	U	0.573	0.104	ug/L		11/14/24 07:52	12/09/24 01:09	1
4-Chloroaniline	<0.0387	U	0.573	0.0387	ug/L		11/14/24 07:52	12/09/24 01:09	1
4-Chlorophenyl phenyl ether	<0.131	U	0.573	0.131	ug/L		11/14/24 07:52	12/09/24 01:09	1
4-Nitroaniline	<0.109	U *+	0.573	0.109	ug/L		11/14/24 07:52	12/09/24 01:09	1
Acenaphthene	<0.108	U	0.573	0.108	ug/L		11/14/24 07:52	12/09/24 01:09	1
Acenaphthylene	<0.0999	U	0.573	0.0999	ug/L		11/14/24 07:52	12/09/24 01:09	1
Aniline	<0.0581	U	0.573	0.0581	ug/L		11/14/24 07:52	12/09/24 01:09	1
Anthracene	<0.0941	U	0.573	0.0941	ug/L		11/14/24 07:52	12/09/24 01:09	1
Benzo[a]anthracene	<0.0287	U	0.0287	0.0287	ug/L		11/14/24 07:52	12/09/24 01:09	1
Benzo[a]pyrene	<0.0301	U	0.0573	0.0301	ug/L		11/14/24 07:52	12/09/24 01:09	1
Benzo[b]fluoranthene	<0.0666	U	0.573	0.0666	ug/L		11/14/24 07:52	12/09/24 01:09	1
Benzo[g,h,i]perylene	<0.0346	U	0.573	0.0346	ug/L		11/14/24 07:52	12/09/24 01:09	1
Benzo[k]fluoranthene	<0.0474	U	0.573	0.0474	ug/L		11/14/24 07:52	12/09/24 01:09	1
Benzyl alcohol	<0.602	U	1.15	0.602	ug/L		11/14/24 07:52	12/09/24 01:09	1
Bis(2-chloroethoxy)methane	<0.0977	U	0.573	0.0977	ug/L		11/14/24 07:52	12/09/24 01:09	1
Bis(2-chloroethyl)ether	<0.215	U *+	0.573	0.215	ug/L		11/14/24 07:52	12/09/24 01:09	1
Bis(2-ethylhexyl) phthalate	<0.903	U	1.15	0.903	ug/L		11/14/24 07:52	12/09/24 01:09	1
Butyl benzyl phthalate	<0.501	U	1.15	0.501	ug/L		11/14/24 07:52	12/09/24 01:09	1
Chrysene	<0.0818	U	0.573	0.0818	ug/L		11/14/24 07:52	12/09/24 01:09	1
Dibenz(a,h)anthracene	<0.0510	U	0.115	0.0510	ug/L		11/14/24 07:52	12/09/24 01:09	1
Dibenzofuran	<0.107	U *+	0.573	0.107	ug/L		11/14/24 07:52	12/09/24 01:09	1
Diethyl phthalate	<0.155	U	1.15	0.155	ug/L		11/14/24 07:52	12/09/24 01:09	1
Dimethyl phthalate	<0.109	U *+	1.15	0.109	ug/L		11/14/24 07:52	12/09/24 01:09	1
Di-n-butyl phthalate	<0.767	U *+	1.15	0.767	ug/L		11/14/24 07:52	12/09/24 01:09	1
Di-n-octyl phthalate	<0.270	U	1.15	0.270	ug/L		11/14/24 07:52	12/09/24 01:09	1
Fluoranthene	<0.0886	U	0.573	0.0886	ug/L		11/14/24 07:52	12/09/24 01:09	1
Fluorene	<0.0951	U	0.573	0.0951	ug/L		11/14/24 07:52	12/09/24 01:09	1
Hexachlorobenzene	<0.0978	U	0.573	0.0978	ug/L		11/14/24 07:52	12/09/24 01:09	1
Hexachlorobutadiene	<0.103	U	0.573	0.103	ug/L		11/14/24 07:52	12/09/24 01:09	1
Hexachlorocyclopentadiene	<0.0513	U	0.573	0.0513	ug/L		11/14/24 07:52	12/09/24 01:09	1
Hexachloroethane	<0.102	U	0.573	0.102	ug/L		11/14/24 07:52	12/09/24 01:09	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.573	0.100	ug/L		11/14/24 07:52	12/09/24 01:09	1
Isophorone	<0.107	U	0.573	0.107	ug/L		11/14/24 07:52	12/09/24 01:09	1
Naphthalene	<0.0947	U	0.573	0.0947	ug/L		11/14/24 07:52	12/09/24 01:09	1
Nitrobenzene	<0.0739	U	0.573	0.0739	ug/L		11/14/24 07:52	12/09/24 01:09	1
N-Nitrosodi-n-propylamine	<0.119	U	0.573	0.119	ug/L		11/14/24 07:52	12/09/24 01:09	1
N-Nitrosodiphenylamine	<0.145	U *+	0.573	0.145	ug/L		11/14/24 07:52	12/09/24 01:09	1
Pentachlorophenol	<1.04	U	1.15	1.04	ug/L		11/14/24 07:52	12/09/24 01:09	1
Phenanthrene	<0.134	U *+	0.573	0.134	ug/L		11/14/24 07:52	12/09/24 01:09	1
Phenol	<0.449	U	2.87	0.449	ug/L		11/14/24 07:52	12/09/24 01:09	1
Pyrene	<0.0851	U	0.573	0.0851	ug/L		11/14/24 07:52	12/09/24 01:09	1
Pyridine	<1.44	U	2.87	1.44	ug/L		11/14/24 07:52	12/09/24 01:09	1
N-Nitro-o-toluidine	<0.522	U	1.15	0.522	ug/L		11/14/24 07:52	12/09/24 01:09	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.573	0.211	ug/L		11/14/24 07:52	12/09/24 01:09	1
Acetophenone	<0.626	U	1.15	0.626	ug/L		11/14/24 07:52	12/09/24 01:09	1
N-Nitrosopiperidine	<0.469	U	1.15	0.469	ug/L		11/14/24 07:52	12/09/24 01:09	1
Pentachlorobenzene	<0.267	U	0.573	0.267	ug/L		11/14/24 07:52	12/09/24 01:09	1
Diphenyl ether	<0.0912	U	0.573	0.0912	ug/L		11/14/24 07:52	12/09/24 01:09	1

Client: Ashland LLC
Job ID: 860-86901-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: CM-01
Lab Sample ID: 860-86901-5
Date Collected: 11/12/24 09:33
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.0984	U	0.573	0.0984	ug/L		11/14/24 07:52	12/09/24 01:09	1
4-Aminobiphenyl	<0.395	U	0.573	0.395	ug/L		11/14/24 07:52	12/09/24 01:09	1
1,2,4,5-Tetrachlorobenzene	<0.0960	U *-	0.573	0.0960	ug/L		11/14/24 07:52	12/09/24 01:09	1
1,3,5-Trinitrobenzene	<0.119	U *+	0.573	0.119	ug/L		11/14/24 07:52	12/09/24 01:09	1
1,3-Dinitrobenzene	<0.0775	U *+	0.573	0.0775	ug/L		11/14/24 07:52	12/09/24 01:09	1
1,4-Naphthoquinone	<0.315	U	0.573	0.315	ug/L		11/14/24 07:52	12/09/24 01:09	1
1-Naphthylamine	<0.149	U	0.573	0.149	ug/L		11/14/24 07:52	12/09/24 01:09	1
2,6-Dichlorophenol	<0.119	U	0.573	0.119	ug/L		11/14/24 07:52	12/09/24 01:09	1
2-Acetylaminofluorene	<1.27	U *+	2.87	1.27	ug/L		11/14/24 07:52	12/09/24 01:09	1
2-Chlorophenol	<0.0758	U *+	0.573	0.0758	ug/L		11/14/24 07:52	12/09/24 01:09	1
2-Naphthylamine	<0.289	U	0.573	0.289	ug/L		11/14/24 07:52	12/09/24 01:09	1
2-Picoline	<0.123	U	0.573	0.123	ug/L		11/14/24 07:52	12/09/24 01:09	1
2-Toluidine	<0.307	U	0.573	0.307	ug/L		11/14/24 07:52	12/09/24 01:09	1
3,3'-Dichlorobenzidine	<0.184	U	0.573	0.184	ug/L		11/14/24 07:52	12/09/24 01:09	1
3,3'-Dimethylbenzidine	<0.142	U *+	0.573	0.142	ug/L		11/14/24 07:52	12/09/24 01:09	1
3-Methylcholanthrene	<0.105	U	0.573	0.105	ug/L		11/14/24 07:52	12/09/24 01:09	1
4-Nitroquinoline-1-oxide	<0.732	U *+	1.15	0.732	ug/L		11/14/24 07:52	12/09/24 01:09	1
7,12-Dimethylbenz(a)anthracene	<0.242	U	0.573	0.242	ug/L		11/14/24 07:52	12/09/24 01:09	1
alpha,alpha-Dimethyl phenethylamine	<3.68	U *- *1	5.73	3.68	ug/L		11/14/24 07:52	12/09/24 01:09	1
Aramite Peak 1	<0.0787	U *+	0.573	0.0787	ug/L		11/14/24 07:52	12/09/24 01:09	1
Aramite Peak 2	<0.0956	U *+	0.573	0.0956	ug/L		11/14/24 07:52	12/09/24 01:09	1
Aramite, Total	<0.0956	U	0.573	0.0956	ug/L		11/14/24 07:52	12/09/24 01:09	1
Diallate	<0.0837	U	0.573	0.0837	ug/L		11/14/24 07:52	12/09/24 01:09	1
Diallate Peak 1	<0.0837	U *+	0.573	0.0837	ug/L		11/14/24 07:52	12/09/24 01:09	1
Diallate Peak 2	<0.0386	U *+	0.573	0.0386	ug/L		11/14/24 07:52	12/09/24 01:09	1
Dimethoate	<0.122	U *+	0.573	0.122	ug/L		11/14/24 07:52	12/09/24 01:09	1
Dinoseb	<0.571	U *+	2.87	0.571	ug/L		11/14/24 07:52	12/09/24 01:09	1
Disulfoton	<0.203	U *+	0.573	0.203	ug/L		11/14/24 07:52	12/09/24 01:09	1
Ethyl methanesulfonate	<0.227	U	0.573	0.227	ug/L		11/14/24 07:52	12/09/24 01:09	1
Ethyl Parathion	<0.0503	U *+	0.229	0.0503	ug/L		11/14/24 07:52	12/09/24 01:09	1
Famphur	<0.151	U *+	1.15	0.151	ug/L		11/14/24 07:52	12/09/24 01:09	1
Hexachloropropene	<0.301	U *-	0.573	0.301	ug/L		11/14/24 07:52	12/09/24 01:09	1
Isosafrole	<0.241	U	0.573	0.241	ug/L		11/14/24 07:52	12/09/24 01:09	1
Isosafrole Peak 1	<0.0465	U	0.573	0.0465	ug/L		11/14/24 07:52	12/09/24 01:09	1
Isosafrole Peak 2	<0.241	U	0.573	0.241	ug/L		11/14/24 07:52	12/09/24 01:09	1
Methapyrilene	<1.00	U *+	2.29	1.00	ug/L		11/14/24 07:52	12/09/24 01:09	1
Methyl methanesulfonate	<0.120	U	0.573	0.120	ug/L		11/14/24 07:52	12/09/24 01:09	1
Methyl parathion	<0.320	U *+	0.573	0.320	ug/L		11/14/24 07:52	12/09/24 01:09	1
N-Nitrosodiethylamine	<0.540	U	1.15	0.540	ug/L		11/14/24 07:52	12/09/24 01:09	1
N-Nitrosodimethylamine	<0.100	U *-	0.573	0.100	ug/L		11/14/24 07:52	12/09/24 01:09	1
N-Nitrosodi-n-butylamine	<0.517	U *+	1.15	0.517	ug/L		11/14/24 07:52	12/09/24 01:09	1
N-Nitrosomethylethylamine	<0.295	U	0.573	0.295	ug/L		11/14/24 07:52	12/09/24 01:09	1
N-Nitrosomorpholine	<0.221	U	0.573	0.221	ug/L		11/14/24 07:52	12/09/24 01:09	1
N-Nitrosopyrrolidine	<0.268	U	0.573	0.268	ug/L		11/14/24 07:52	12/09/24 01:09	1
o,o',o''-Triethylphosphorothioate	<0.139	U *+ *- *1	0.573	0.139	ug/L		11/14/24 07:52	12/09/24 01:09	1
p-Dimethylamino azobenzene	<0.0238	U *+	0.573	0.0238	ug/L		11/14/24 07:52	12/09/24 01:09	1
Pentachloronitrobenzene	<0.100	U *+	0.573	0.100	ug/L		11/14/24 07:52	12/09/24 01:09	1
Phenacetin	<0.100	U *+	0.573	0.100	ug/L		11/14/24 07:52	12/09/24 01:09	1
Phorate	<0.222	U *+	0.573	0.222	ug/L		11/14/24 07:52	12/09/24 01:09	1

Client Sample ID: CM-01
Lab Sample ID: 860-86901-5
Date Collected: 11/12/24 09:33
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Phenylene diamine	<0.501	U *-	1.15	0.501	ug/L		11/14/24 07:52	12/09/24 01:09	1
Pronamide	<0.100	U *+	0.573	0.100	ug/L		11/14/24 07:52	12/09/24 01:09	1
Safrole, Total	<0.0573	U	0.573	0.0573	ug/L		11/14/24 07:52	12/09/24 01:09	1
Sulfotepp	<0.147	U *+	0.573	0.147	ug/L		11/14/24 07:52	12/09/24 01:09	1
Thionazin	<0.209	U *+	1.15	0.209	ug/L		11/14/24 07:52	12/09/24 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*114*		*35 - 130*	*11/14/24 07:52*	*12/09/24 01:09*	*1*
2-Fluorobiphenyl	*107*		*43 - 130*	*11/14/24 07:52*	*12/09/24 01:09*	*1*
2-Fluorophenol (Surr)	*85*		*19 - 120*	*11/14/24 07:52*	*12/09/24 01:09*	*1*
Nitrobenzene-d5 (Surr)	*132*		*37 - 133*	*11/14/24 07:52*	*12/09/24 01:09*	*1*
Phenol-d5 (Surr)	*56*		*8 - 124*	*11/14/24 07:52*	*12/09/24 01:09*	*1*
p-Terphenyl-d14	*137*	*S1+*	*47 - 130*	*11/14/24 07:52*	*12/09/24 01:09*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0761	U H	0.567	0.0761	ug/L		12/11/24 04:48	12/14/24 22:13	1
1,2-Dichlorobenzene	<0.0934	U H	0.567	0.0934	ug/L		12/11/24 04:48	12/14/24 22:13	1
1,3-Dichlorobenzene	<0.101	U H	0.567	0.101	ug/L		12/11/24 04:48	12/14/24 22:13	1
1,4-Dichlorobenzene	<0.0774	U H	0.567	0.0774	ug/L		12/11/24 04:48	12/14/24 22:13	1
2,2'-oxybis[1-chloropropane]	<1.42	U H	2.84	1.42	ug/L		12/11/24 04:48	12/14/24 22:13	1
2,4,5-Trichlorophenol	<0.142	U H	0.567	0.142	ug/L		12/11/24 04:48	12/14/24 22:13	1
2,4,6-Trichlorophenol	<0.229	U H	0.567	0.229	ug/L		12/11/24 04:48	12/14/24 22:13	1
2,4-Dichlorophenol	<0.139	U H	0.567	0.139	ug/L		12/11/24 04:48	12/14/24 22:13	1
2,4-Dimethylphenol	<0.191	U H *+	0.567	0.191	ug/L		12/11/24 04:48	12/14/24 22:13	1
1,4-Dioxane	**4.02**	**H**	0.567	0.0884	ug/L		12/11/24 04:48	12/14/24 22:13	1
2,4-Dinitrophenol	<0.103	U H	2.84	0.103	ug/L		12/11/24 04:48	12/14/24 22:13	1
2,4-Dinitrotoluene	<0.203	U H	0.567	0.203	ug/L		12/11/24 04:48	12/14/24 22:13	1
2,6-Dinitrotoluene	<0.115	U H	0.567	0.115	ug/L		12/11/24 04:48	12/14/24 22:13	1
2-Chloronaphthalene	<0.376	U H	0.567	0.376	ug/L		12/11/24 04:48	12/14/24 22:13	1
2-Methylnaphthalene	<0.0598	U H	0.567	0.0598	ug/L		12/11/24 04:48	12/14/24 22:13	1
2-Methylphenol	<0.104	U H	0.567	0.104	ug/L		12/11/24 04:48	12/14/24 22:13	1
2-Nitroaniline	**0.207**	**J I H**	0.567	0.148	ug/L		12/11/24 04:48	12/14/24 22:13	1
2-Nitrophenol	<0.135	U H	0.567	0.135	ug/L		12/11/24 04:48	12/14/24 22:13	1
3 & 4 Methylphenol	<0.138	U H	0.567	0.138	ug/L		12/11/24 04:48	12/14/24 22:13	1
3-Nitroaniline	<0.0846	U H	0.567	0.0846	ug/L		12/11/24 04:48	12/14/24 22:13	1
4,6-Dinitro-2-methylphenol	<0.200	U H	1.13	0.200	ug/L		12/11/24 04:48	12/14/24 22:13	1
4-Bromophenyl phenyl ether	<0.0996	U H	0.567	0.0996	ug/L		12/11/24 04:48	12/14/24 22:13	1
4-Chloro-3-methylphenol	<0.103	U H	0.567	0.103	ug/L		12/11/24 04:48	12/14/24 22:13	1
4-Chloroaniline	<0.0383	U H	0.567	0.0383	ug/L		12/11/24 04:48	12/14/24 22:13	1
4-Chlorophenyl phenyl ether	<0.129	U H	0.567	0.129	ug/L		12/11/24 04:48	12/14/24 22:13	1
4-Nitroaniline	<0.108	U H	0.567	0.108	ug/L		12/11/24 04:48	12/14/24 22:13	1
Acenaphthene	<0.107	U H	0.567	0.107	ug/L		12/11/24 04:48	12/14/24 22:13	1
Acenaphthylene	<0.0989	U H	0.567	0.0989	ug/L		12/11/24 04:48	12/14/24 22:13	1
Aniline	<0.0575	U H	0.567	0.0575	ug/L		12/11/24 04:48	12/14/24 22:13	1
Anthracene	<0.0931	U H *+	0.567	0.0931	ug/L		12/11/24 04:48	12/14/24 22:13	1
Benzo[a]anthracene	<0.0284	U H *+	0.0284	0.0284	ug/L		12/11/24 04:48	12/14/24 22:13	1
Benzo[a]pyrene	<0.0298	U H	0.0567	0.0298	ug/L		12/11/24 04:48	12/14/24 22:13	1
Benzo[b]fluoranthene	<0.0659	U H *+	0.567	0.0659	ug/L		12/11/24 04:48	12/14/24 22:13	1
Benzo[g,h,i]perylene	<0.0343	U H	0.567	0.0343	ug/L		12/11/24 04:48	12/14/24 22:13	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86901-1

Client Sample ID: CM-01
Date Collected: 11/12/24 09:33
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	<0.0469	U H	0.567	0.0469	ug/L		12/11/24 04:48	12/14/24 22:13	1
Benzyl alcohol	<0.596	U H	1.13	0.596	ug/L		12/11/24 04:48	12/14/24 22:13	1
Bis(2-chloroethoxy)methane	<0.0967	U H	0.567	0.0967	ug/L		12/11/24 04:48	12/14/24 22:13	1
Bis(2-chloroethyl)ether	<0.213	U H	0.567	0.213	ug/L		12/11/24 04:48	12/14/24 22:13	1
Bis(2-ethylhexyl) phthalate	<0.894	U H *+	1.13	0.894	ug/L		12/11/24 04:48	12/14/24 22:13	1
Butyl benzyl phthalate	<0.496	U H	1.13	0.496	ug/L		12/11/24 04:48	12/14/24 22:13	1
Chrysene	<0.0810	U H *+	0.567	0.0810	ug/L		12/11/24 04:48	12/14/24 22:13	1
Dibenz(a,h)anthracene	<0.0505	U H	0.113	0.0505	ug/L		12/11/24 04:48	12/14/24 22:13	1
Dibenzofuran	<0.106	U H	0.567	0.106	ug/L		12/11/24 04:48	12/14/24 22:13	1
Diethyl phthalate	<0.154	U H	1.13	0.154	ug/L		12/11/24 04:48	12/14/24 22:13	1
Dimethyl phthalate	<0.107	U H	1.13	0.107	ug/L		12/11/24 04:48	12/14/24 22:13	1
Di-n-butyl phthalate	<0.760	U H	1.13	0.760	ug/L		12/11/24 04:48	12/14/24 22:13	1
Di-n-octyl phthalate	**0.827**	**J I H**	1.13	0.267	ug/L		12/11/24 04:48	12/14/24 22:13	1
Fluoranthene	<0.0877	U H	0.567	0.0877	ug/L		12/11/24 04:48	12/14/24 22:13	1
Fluorene	<0.0941	U H	0.567	0.0941	ug/L		12/11/24 04:48	12/14/24 22:13	1
Hexachlorobenzene	<0.0968	U H	0.567	0.0968	ug/L		12/11/24 04:48	12/14/24 22:13	1
Hexachlorobutadiene	<0.102	U H	0.567	0.102	ug/L		12/11/24 04:48	12/14/24 22:13	1
Hexachlorocyclopentadiene	<0.0508	U H *+	0.567	0.0508	ug/L		12/11/24 04:48	12/14/24 22:13	1
Hexachloroethane	<0.101	U H	0.567	0.101	ug/L		12/11/24 04:48	12/14/24 22:13	1
Indeno[1,2,3-cd]pyrene	<0.0993	U H	0.567	0.0993	ug/L		12/11/24 04:48	12/14/24 22:13	1
Isophorone	<0.106	U H	0.567	0.106	ug/L		12/11/24 04:48	12/14/24 22:13	1
Naphthalene	<0.0938	U H	0.567	0.0938	ug/L		12/11/24 04:48	12/14/24 22:13	1
Nitrobenzene	<0.0731	U H	0.567	0.0731	ug/L		12/11/24 04:48	12/14/24 22:13	1
N-Nitrosodi-n-propylamine	<0.118	U H	0.567	0.118	ug/L		12/11/24 04:48	12/14/24 22:13	1
N-Nitrosodiphenylamine	<0.144	U H	0.567	0.144	ug/L		12/11/24 04:48	12/14/24 22:13	1
Pentachlorophenol	<1.03	U H	1.13	1.03	ug/L		12/11/24 04:48	12/14/24 22:13	1
Phenanthrene	<0.133	U H *+	0.567	0.133	ug/L		12/11/24 04:48	12/14/24 22:13	1
Phenol	<0.445	U H	2.84	0.445	ug/L		12/11/24 04:48	12/14/24 22:13	1
Pyrene	<0.0843	U H	0.567	0.0843	ug/L		12/11/24 04:48	12/14/24 22:13	1
Pyridine	<1.43	U H *1	2.84	1.43	ug/L		12/11/24 04:48	12/14/24 22:13	1
N-Nitro-o-toluidine	<0.516	U H	1.13	0.516	ug/L		12/11/24 04:48	12/14/24 22:13	1
2,3,4,6-Tetrachlorophenol	<0.209	U H *+	0.567	0.209	ug/L		12/11/24 04:48	12/14/24 22:13	1
Acetophenone	<0.619	U H	1.13	0.619	ug/L		12/11/24 04:48	12/14/24 22:13	1
N-Nitrosopiperidine	<0.464	U H	1.13	0.464	ug/L		12/11/24 04:48	12/14/24 22:13	1
Pentachlorobenzene	<0.264	U H	0.567	0.264	ug/L		12/11/24 04:48	12/14/24 22:13	1
Diphenyl ether	<0.0903	U H	0.567	0.0903	ug/L		12/11/24 04:48	12/14/24 22:13	1
1,1'-Biphenyl	<0.0974	U H	0.567	0.0974	ug/L		12/11/24 04:48	12/14/24 22:13	1
4-Aminobiphenyl	<0.391	U H	0.567	0.391	ug/L		12/11/24 04:48	12/14/24 22:13	1
1,2,4,5-Tetrachlorobenzene	<0.0951	U H	0.567	0.0951	ug/L		12/11/24 04:48	12/14/24 22:13	1
1,3,5-Trinitrobenzene	<0.118	U H	0.567	0.118	ug/L		12/11/24 04:48	12/14/24 22:13	1
1,3-Dinitrobenzene	<0.0767	U H	0.567	0.0767	ug/L		12/11/24 04:48	12/14/24 22:13	1
1,4-Naphthoquinone	<0.312	U H	0.567	0.312	ug/L		12/11/24 04:48	12/14/24 22:13	1
1-Naphthylamine	<0.148	U H	0.567	0.148	ug/L		12/11/24 04:48	12/14/24 22:13	1
2,6-Dichlorophenol	<0.117	U H	0.567	0.117	ug/L		12/11/24 04:48	12/14/24 22:13	1
2-Acetylaminofluorene	<1.26	U H *+	2.84	1.26	ug/L		12/11/24 04:48	12/14/24 22:13	1
2-Chlorophenol	<0.0751	U H	0.567	0.0751	ug/L		12/11/24 04:48	12/14/24 22:13	1
2-Naphthylamine	<0.286	U H	0.567	0.286	ug/L		12/11/24 04:48	12/14/24 22:13	1
2-Picoline	<0.122	U H	0.567	0.122	ug/L		12/11/24 04:48	12/14/24 22:13	1
2-Toluidine	<0.304	U H	0.567	0.304	ug/L		12/11/24 04:48	12/14/24 22:13	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86901-1

Client Sample ID: CM-01
Date Collected: 11/12/24 09:33
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	<0.182	U H	0.567	0.182	ug/L		12/11/24 04:48	12/14/24 22:13	1
3,3'-Dimethylbenzidine	<0.141	U H	0.567	0.141	ug/L		12/11/24 04:48	12/14/24 22:13	1
3-Methylcholanthrene	<0.104	U H	0.567	0.104	ug/L		12/11/24 04:48	12/14/24 22:13	1
4-Nitroquinoline-1-oxide	<0.725	U H	1.13	0.725	ug/L		12/11/24 04:48	12/14/24 22:13	1
7,12-Dimethylbenz(a)anthracene	<0.239	U H	0.567	0.239	ug/L		12/11/24 04:48	12/14/24 22:13	1
alpha,alpha-Dimethyl phenethylamine	<3.64	U H *-	5.67	3.64	ug/L		12/11/24 04:48	12/14/24 22:13	1
Aramite Peak 1	<0.0780	U H *+	0.567	0.0780	ug/L		12/11/24 04:48	12/14/24 22:13	1
Aramite Peak 2	<0.0947	U H	0.567	0.0947	ug/L		12/11/24 04:48	12/14/24 22:13	1
Aramite, Total	<0.0947	U H	0.567	0.0947	ug/L		12/11/24 04:48	12/14/24 22:13	1
Diallate	<0.0829	U H	0.567	0.0829	ug/L		12/11/24 04:48	12/14/24 22:13	1
Diallate Peak 1	<0.0829	U H	0.567	0.0829	ug/L		12/11/24 04:48	12/14/24 22:13	1
Diallate Peak 2	<0.0383	U H	0.567	0.0383	ug/L		12/11/24 04:48	12/14/24 22:13	1
Dimethoate	<0.121	U H	0.567	0.121	ug/L		12/11/24 04:48	12/14/24 22:13	1
Dinoseb	<0.566	U H	2.84	0.566	ug/L		12/11/24 04:48	12/14/24 22:13	1
Disulfoton	<0.201	U H	0.567	0.201	ug/L		12/11/24 04:48	12/14/24 22:13	1
Ethyl methanesulfonate	<0.225	U H	0.567	0.225	ug/L		12/11/24 04:48	12/14/24 22:13	1
Ethyl Parathion	<0.0498	U H	0.227	0.0498	ug/L		12/11/24 04:48	12/14/24 22:13	1
Famphur	<0.150	U H	1.13	0.150	ug/L		12/11/24 04:48	12/14/24 22:13	1
Hexachloropropene	<0.298	U H	0.567	0.298	ug/L		12/11/24 04:48	12/14/24 22:13	1
Isosafrole	<0.239	U H	0.567	0.239	ug/L		12/11/24 04:48	12/14/24 22:13	1
Isosafrole Peak 1	<0.0460	U H	0.567	0.0460	ug/L		12/11/24 04:48	12/14/24 22:13	1
Isosafrole Peak 2	<0.239	U H	0.567	0.239	ug/L		12/11/24 04:48	12/14/24 22:13	1
Methapyrilene	<0.993	U H	2.27	0.993	ug/L		12/11/24 04:48	12/14/24 22:13	1
Methyl methanesulfonate	<0.119	U H	0.567	0.119	ug/L		12/11/24 04:48	12/14/24 22:13	1
Methyl parathion	<0.317	U H	0.567	0.317	ug/L		12/11/24 04:48	12/14/24 22:13	1
N-Nitrosodiethylamine	<0.535	U H	1.13	0.535	ug/L		12/11/24 04:48	12/14/24 22:13	1
N-Nitrosodimethylamine	<0.0993	U H *-	0.567	0.0993	ug/L		12/11/24 04:48	12/14/24 22:13	1
N-Nitrosodi-n-butylamine	<0.512	U H	1.13	0.512	ug/L		12/11/24 04:48	12/14/24 22:13	1
N-Nitrosomethylethylamine	<0.292	U H	0.567	0.292	ug/L		12/11/24 04:48	12/14/24 22:13	1
N-Nitrosomorpholine	<0.219	U H	0.567	0.219	ug/L		12/11/24 04:48	12/14/24 22:13	1
N-Nitrosopyrrolidine	<0.266	U H	0.567	0.266	ug/L		12/11/24 04:48	12/14/24 22:13	1
o,o',o''-Triethylphosphorothioate	<0.137	U H	0.567	0.137	ug/L		12/11/24 04:48	12/14/24 22:13	1
p-Dimethylamino azobenzene	<0.0236	U H	0.567	0.0236	ug/L		12/11/24 04:48	12/14/24 22:13	1
Pentachloronitrobenzene	<0.0993	U H	0.567	0.0993	ug/L		12/11/24 04:48	12/14/24 22:13	1
Phenacetin	<0.0993	U H	0.567	0.0993	ug/L		12/11/24 04:48	12/14/24 22:13	1
Phorate	<0.220	U H	0.567	0.220	ug/L		12/11/24 04:48	12/14/24 22:13	1
p-Phenylene diamine	<0.496	U H *-	1.13	0.496	ug/L		12/11/24 04:48	12/14/24 22:13	1
Pronamide	<0.0993	U H	0.567	0.0993	ug/L		12/11/24 04:48	12/14/24 22:13	1
Safrole, Total	<0.0567	U H	0.567	0.0567	ug/L		12/11/24 04:48	12/14/24 22:13	1
Sulfotepp	<0.146	U H	0.567	0.146	ug/L		12/11/24 04:48	12/14/24 22:13	1
Thionazin	<0.207	U H	1.13	0.207	ug/L		12/11/24 04:48	12/14/24 22:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*92*		*35 - 130*	*12/11/24 04:48*	*12/14/24 22:13*	*1*
2-Fluorobiphenyl	*86*		*43 - 130*	*12/11/24 04:48*	*12/14/24 22:13*	*1*
2-Fluorophenol (Surr)	*61*		*19 - 120*	*12/11/24 04:48*	*12/14/24 22:13*	*1*
Nitrobenzene-d5 (Surr)	*107*		*37 - 133*	*12/11/24 04:48*	*12/14/24 22:13*	*1*
Phenol-d5 (Surr)	*39*		*8 - 124*	*12/11/24 04:48*	*12/14/24 22:13*	*1*
p-Terphenyl-d14	*114*		*47 - 130*	*12/11/24 04:48*	*12/14/24 22:13*	*1*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86901-1

Client Sample ID: CM-00
Date Collected: 11/12/24 09:50
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/16/24 03:11	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/16/24 03:11	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/16/24 03:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/16/24 03:11	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/16/24 03:11	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/16/24 03:11	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/16/24 03:11	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/16/24 03:11	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/16/24 03:11	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/16/24 03:11	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/16/24 03:11	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/16/24 03:11	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/16/24 03:11	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/16/24 03:11	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/16/24 03:11	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/16/24 03:11	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/16/24 03:11	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/16/24 03:11	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/16/24 03:11	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/16/24 03:11	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/16/24 03:11	1
Acetone	<3.07	U	100	3.07	ug/L			11/16/24 03:11	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/16/24 03:11	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/16/24 03:11	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/16/24 03:11	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/16/24 03:11	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/16/24 03:11	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/16/24 03:11	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/16/24 03:11	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/16/24 03:11	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/16/24 03:11	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/16/24 03:11	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/16/24 03:11	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/16/24 03:11	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/16/24 03:11	1
Chloroform	**0.494**	**J**	1.00	0.464	ug/L			11/16/24 03:11	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/16/24 03:11	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/16/24 03:11	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/16/24 03:11	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/16/24 03:11	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/16/24 03:11	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/16/24 03:11	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/16/24 03:11	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/16/24 03:11	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/16/24 03:11	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/16/24 03:11	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/16/24 03:11	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/16/24 03:11	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/16/24 03:11	1

Client Sample ID: CM-00
Date Collected: 11/12/24 09:50
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/16/24 03:11	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/16/24 03:11	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/16/24 03:11	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/16/24 03:11	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/16/24 03:11	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/16/24 03:11	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/16/24 03:11	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/16/24 03:11	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/16/24 03:11	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/16/24 03:11	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/16/24 03:11	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/16/24 03:11	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/16/24 03:11	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/16/24 03:11	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/16/24 03:11	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/16/24 03:11	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/16/24 03:11	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/16/24 03:11	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/16/24 03:11	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/16/24 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*63 - 144*		*11/16/24 03:11*	*1*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*11/16/24 03:11*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 131*		*11/16/24 03:11*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/16/24 03:11*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/14/24 07:52	12/09/24 01:39	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/14/24 07:52	12/09/24 01:39	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/14/24 07:52	12/09/24 01:39	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/14/24 07:52	12/09/24 01:39	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		11/14/24 07:52	12/09/24 01:39	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/14/24 07:52	12/09/24 01:39	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/14/24 07:52	12/09/24 01:39	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/14/24 07:52	12/09/24 01:39	1
2,4-Dimethylphenol	<0.192	U *+	0.571	0.192	ug/L		11/14/24 07:52	12/09/24 01:39	1
1,4-Dioxane	**0.240**	**J**	0.571	0.0890	ug/L		11/14/24 07:52	12/09/24 01:39	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/14/24 07:52	12/09/24 01:39	1
2,4-Dinitrotoluene	<0.205	U *+	0.571	0.205	ug/L		11/14/24 07:52	12/09/24 01:39	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/14/24 07:52	12/09/24 01:39	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/14/24 07:52	12/09/24 01:39	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/14/24 07:52	12/09/24 01:39	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/14/24 07:52	12/09/24 01:39	1
2-Nitroaniline	<0.149	U *+	0.571	0.149	ug/L		11/14/24 07:52	12/09/24 01:39	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/14/24 07:52	12/09/24 01:39	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/14/24 07:52	12/09/24 01:39	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/14/24 07:52	12/09/24 01:39	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/14/24 07:52	12/09/24 01:39	1

Client: Ashland LLC
Job ID: 860-86901-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: CM-00
Lab Sample ID: 860-86901-6
Date Collected: 11/12/24 09:50
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	<0.100	U *+	0.571	0.100	ug/L		11/14/24 07:52	12/09/24 01:39	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/14/24 07:52	12/09/24 01:39	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/14/24 07:52	12/09/24 01:39	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/14/24 07:52	12/09/24 01:39	1
4-Nitroaniline	<0.109	U *+	0.571	0.109	ug/L		11/14/24 07:52	12/09/24 01:39	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/14/24 07:52	12/09/24 01:39	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/14/24 07:52	12/09/24 01:39	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/14/24 07:52	12/09/24 01:39	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/14/24 07:52	12/09/24 01:39	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/14/24 07:52	12/09/24 01:39	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/14/24 07:52	12/09/24 01:39	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/14/24 07:52	12/09/24 01:39	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/14/24 07:52	12/09/24 01:39	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/14/24 07:52	12/09/24 01:39	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		11/14/24 07:52	12/09/24 01:39	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/14/24 07:52	12/09/24 01:39	1
Bis(2-chloroethyl)ether	<0.214	U *+	0.571	0.214	ug/L		11/14/24 07:52	12/09/24 01:39	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/14/24 07:52	12/09/24 01:39	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/14/24 07:52	12/09/24 01:39	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/14/24 07:52	12/09/24 01:39	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/14/24 07:52	12/09/24 01:39	1
Dibenzofuran	<0.107	U *+	0.571	0.107	ug/L		11/14/24 07:52	12/09/24 01:39	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/14/24 07:52	12/09/24 01:39	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/14/24 07:52	12/09/24 01:39	1
Di-n-butyl phthalate	<0.765	U *+	1.14	0.765	ug/L		11/14/24 07:52	12/09/24 01:39	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/14/24 07:52	12/09/24 01:39	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/14/24 07:52	12/09/24 01:39	1
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/14/24 07:52	12/09/24 01:39	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/14/24 07:52	12/09/24 01:39	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/14/24 07:52	12/09/24 01:39	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/14/24 07:52	12/09/24 01:39	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/14/24 07:52	12/09/24 01:39	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/14/24 07:52	12/09/24 01:39	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/14/24 07:52	12/09/24 01:39	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		11/14/24 07:52	12/09/24 01:39	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/14/24 07:52	12/09/24 01:39	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/14/24 07:52	12/09/24 01:39	1
N-Nitrosodiphenylamine	<0.145	U *+	0.571	0.145	ug/L		11/14/24 07:52	12/09/24 01:39	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/14/24 07:52	12/09/24 01:39	1
Phenanthrene	<0.134	U *+	0.571	0.134	ug/L		11/14/24 07:52	12/09/24 01:39	1
Phenol	<0.448	U	2.86	0.448	ug/L		11/14/24 07:52	12/09/24 01:39	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/14/24 07:52	12/09/24 01:39	1
Pyridine	<1.44	U	2.86	1.44	ug/L		11/14/24 07:52	12/09/24 01:39	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/14/24 07:52	12/09/24 01:39	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/14/24 07:52	12/09/24 01:39	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/14/24 07:52	12/09/24 01:39	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/14/24 07:52	12/09/24 01:39	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/14/24 07:52	12/09/24 01:39	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		11/14/24 07:52	12/09/24 01:39	1

Client: Ashland LLC
Job ID: 860-86901-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: CM-00
Lab Sample ID: 860-86901-6
Date Collected: 11/12/24 09:50
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/14/24 07:52	12/09/24 01:39	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/14/24 07:52	12/09/24 01:39	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U *-	0.571	0.0957	ug/L		11/14/24 07:52	12/09/24 01:39	1
1,3,5-Trinitrobenzene	<0.119	U *+	0.571	0.119	ug/L		11/14/24 07:52	12/09/24 01:39	1
1,3-Dinitrobenzene	<0.0773	U *+	0.571	0.0773	ug/L		11/14/24 07:52	12/09/24 01:39	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/14/24 07:52	12/09/24 01:39	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/14/24 07:52	12/09/24 01:39	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/14/24 07:52	12/09/24 01:39	1
2-Acetylaminofluorene	<1.26	U *+	2.86	1.26	ug/L		11/14/24 07:52	12/09/24 01:39	1
2-Chlorophenol	<0.0756	U *+	0.571	0.0756	ug/L		11/14/24 07:52	12/09/24 01:39	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/14/24 07:52	12/09/24 01:39	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/14/24 07:52	12/09/24 01:39	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/14/24 07:52	12/09/24 01:39	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/14/24 07:52	12/09/24 01:39	1
3,3'-Dimethylbenzidine	<0.142	U *+	0.571	0.142	ug/L		11/14/24 07:52	12/09/24 01:39	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/14/24 07:52	12/09/24 01:39	1
4-Nitroquinoline-1-oxide	<0.730	U *+	1.14	0.730	ug/L		11/14/24 07:52	12/09/24 01:39	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/14/24 07:52	12/09/24 01:39	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U *- *1	5.71	3.67	ug/L		11/14/24 07:52	12/09/24 01:39	1
Aramite Peak 1	<0.0785	U *+	0.571	0.0785	ug/L		11/14/24 07:52	12/09/24 01:39	1
Aramite Peak 2	<0.0954	U *+	0.571	0.0954	ug/L		11/14/24 07:52	12/09/24 01:39	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/14/24 07:52	12/09/24 01:39	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/14/24 07:52	12/09/24 01:39	1
Diallate Peak 1	<0.0835	U *+	0.571	0.0835	ug/L		11/14/24 07:52	12/09/24 01:39	1
Diallate Peak 2	<0.0385	U *+	0.571	0.0385	ug/L		11/14/24 07:52	12/09/24 01:39	1
Dimethoate	<0.122	U *+	0.571	0.122	ug/L		11/14/24 07:52	12/09/24 01:39	1
Dinoseb	<0.570	U *+	2.86	0.570	ug/L		11/14/24 07:52	12/09/24 01:39	1
Disulfoton	<0.203	U *+	0.571	0.203	ug/L		11/14/24 07:52	12/09/24 01:39	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/14/24 07:52	12/09/24 01:39	1
Ethyl Parathion	<0.0502	U *+	0.229	0.0502	ug/L		11/14/24 07:52	12/09/24 01:39	1
Famphur	<0.151	U *+	1.14	0.151	ug/L		11/14/24 07:52	12/09/24 01:39	1
Hexachloropropene	<0.300	U *-	0.571	0.300	ug/L		11/14/24 07:52	12/09/24 01:39	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/14/24 07:52	12/09/24 01:39	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/14/24 07:52	12/09/24 01:39	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/14/24 07:52	12/09/24 01:39	1
Methapyrilene	<1.00	U *+	2.29	1.00	ug/L		11/14/24 07:52	12/09/24 01:39	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/14/24 07:52	12/09/24 01:39	1
Methyl parathion	<0.319	U *+	0.571	0.319	ug/L		11/14/24 07:52	12/09/24 01:39	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/14/24 07:52	12/09/24 01:39	1
N-Nitrosodimethylamine	<0.100	U *-	0.571	0.100	ug/L		11/14/24 07:52	12/09/24 01:39	1
N-Nitrosodi-n-butylamine	<0.516	U *+	1.14	0.516	ug/L		11/14/24 07:52	12/09/24 01:39	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/14/24 07:52	12/09/24 01:39	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/14/24 07:52	12/09/24 01:39	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		11/14/24 07:52	12/09/24 01:39	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+ *- *1	0.571	0.138	ug/L		11/14/24 07:52	12/09/24 01:39	1
p-Dimethylamino azobenzene	<0.0238	U *+	0.571	0.0238	ug/L		11/14/24 07:52	12/09/24 01:39	1
Pentachloronitrobenzene	<0.100	U *+	0.571	0.100	ug/L		11/14/24 07:52	12/09/24 01:39	1
Phenacetin	<0.100	U *+	0.571	0.100	ug/L		11/14/24 07:52	12/09/24 01:39	1
Phorate	<0.221	U *+	0.571	0.221	ug/L		11/14/24 07:52	12/09/24 01:39	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86901-1

Client Sample ID: CM-00
Date Collected: 11/12/24 09:50
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Phenylene diamine	<0.500	U *-	1.14	0.500	ug/L		11/14/24 07:52	12/09/24 01:39	1
Pronamide	<0.100	U *+	0.571	0.100	ug/L		11/14/24 07:52	12/09/24 01:39	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/14/24 07:52	12/09/24 01:39	1
Sulfotepp	<0.147	U *+	0.571	0.147	ug/L		11/14/24 07:52	12/09/24 01:39	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/14/24 07:52	12/09/24 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*125*		*35 - 130*	*11/14/24 07:52*	*12/09/24 01:39*	*1*
2-Fluorobiphenyl	*118*		*43 - 130*	*11/14/24 07:52*	*12/09/24 01:39*	*1*
2-Fluorophenol (Surr)	*65*		*19 - 120*	*11/14/24 07:52*	*12/09/24 01:39*	*1*
Nitrobenzene-d5 (Surr)	*150*	*S1+*	*37 - 133*	*11/14/24 07:52*	*12/09/24 01:39*	*1*
Phenol-d5 (Surr)	*36*		*8 - 124*	*11/14/24 07:52*	*12/09/24 01:39*	*1*
p-Terphenyl-d14	*118*		*47 - 130*	*11/14/24 07:52*	*12/09/24 01:39*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0768	U H	0.573	0.0768	ug/L		12/11/24 04:48	12/14/24 22:44	1
1,2-Dichlorobenzene	<0.0943	U H	0.573	0.0943	ug/L		12/11/24 04:48	12/14/24 22:44	1
1,3-Dichlorobenzene	<0.102	U H	0.573	0.102	ug/L		12/11/24 04:48	12/14/24 22:44	1
1,4-Dichlorobenzene	<0.0781	U H	0.573	0.0781	ug/L		12/11/24 04:48	12/14/24 22:44	1
2,2'-oxybis[1-chloropropane]	<1.43	U H	2.87	1.43	ug/L		12/11/24 04:48	12/14/24 22:44	1
2,4,5-Trichlorophenol	<0.144	U H	0.573	0.144	ug/L		12/11/24 04:48	12/14/24 22:44	1
2,4,6-Trichlorophenol	<0.231	U H	0.573	0.231	ug/L		12/11/24 04:48	12/14/24 22:44	1
2,4-Dichlorophenol	<0.140	U H	0.573	0.140	ug/L		12/11/24 04:48	12/14/24 22:44	1
2,4-Dimethylphenol	<0.193	U H *+	0.573	0.193	ug/L		12/11/24 04:48	12/14/24 22:44	1
1,4-Dioxane	**0.142**	**J I H**	0.573	0.0893	ug/L		12/11/24 04:48	12/14/24 22:44	1
2,4-Dinitrophenol	<0.104	U H	2.87	0.104	ug/L		12/11/24 04:48	12/14/24 22:44	1
2,4-Dinitrotoluene	<0.205	U H	0.573	0.205	ug/L		12/11/24 04:48	12/14/24 22:44	1
2,6-Dinitrotoluene	<0.117	U H	0.573	0.117	ug/L		12/11/24 04:48	12/14/24 22:44	1
2-Chloronaphthalene	<0.379	U H	0.573	0.379	ug/L		12/11/24 04:48	12/14/24 22:44	1
2-Methylnaphthalene	<0.0604	U H	0.573	0.0604	ug/L		12/11/24 04:48	12/14/24 22:44	1
2-Methylphenol	<0.105	U H	0.573	0.105	ug/L		12/11/24 04:48	12/14/24 22:44	1
2-Nitroaniline	<0.149	U H	0.573	0.149	ug/L		12/11/24 04:48	12/14/24 22:44	1
2-Nitrophenol	<0.136	U H	0.573	0.136	ug/L		12/11/24 04:48	12/14/24 22:44	1
3 & 4 Methylphenol	<0.139	U H	0.573	0.139	ug/L		12/11/24 04:48	12/14/24 22:44	1
3-Nitroaniline	<0.0855	U H	0.573	0.0855	ug/L		12/11/24 04:48	12/14/24 22:44	1
4,6-Dinitro-2-methylphenol	<0.202	U H	1.15	0.202	ug/L		12/11/24 04:48	12/14/24 22:44	1
4-Bromophenyl phenyl ether	<0.101	U H	0.573	0.101	ug/L		12/11/24 04:48	12/14/24 22:44	1
4-Chloro-3-methylphenol	<0.104	U H	0.573	0.104	ug/L		12/11/24 04:48	12/14/24 22:44	1
4-Chloroaniline	<0.0387	U H	0.573	0.0387	ug/L		12/11/24 04:48	12/14/24 22:44	1
4-Chlorophenyl phenyl ether	<0.131	U H	0.573	0.131	ug/L		12/11/24 04:48	12/14/24 22:44	1
4-Nitroaniline	<0.109	U H	0.573	0.109	ug/L		12/11/24 04:48	12/14/24 22:44	1
Acenaphthene	<0.108	U H	0.573	0.108	ug/L		12/11/24 04:48	12/14/24 22:44	1
Acenaphthylene	<0.0999	U H	0.573	0.0999	ug/L		12/11/24 04:48	12/14/24 22:44	1
Aniline	<0.0581	U H	0.573	0.0581	ug/L		12/11/24 04:48	12/14/24 22:44	1
Anthracene	<0.0941	U H *+	0.573	0.0941	ug/L		12/11/24 04:48	12/14/24 22:44	1
Benzo[a]anthracene	<0.0287	U H *+	0.0287	0.0287	ug/L		12/11/24 04:48	12/14/24 22:44	1
Benzo[a]pyrene	<0.0301	U H	0.0573	0.0301	ug/L		12/11/24 04:48	12/14/24 22:44	1
Benzo[b]fluoranthene	<0.0666	U H *+	0.573	0.0666	ug/L		12/11/24 04:48	12/14/24 22:44	1
Benzo[g,h,i]perylene	<0.0346	U H	0.573	0.0346	ug/L		12/11/24 04:48	12/14/24 22:44	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86901-1

Client Sample ID: CM-00
Date Collected: 11/12/24 09:50
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	<0.0474	U H	0.573	0.0474	ug/L		12/11/24 04:48	12/14/24 22:44	1
Benzyl alcohol	<0.602	U H	1.15	0.602	ug/L		12/11/24 04:48	12/14/24 22:44	1
Bis(2-chloroethoxy)methane	<0.0977	U H	0.573	0.0977	ug/L		12/11/24 04:48	12/14/24 22:44	1
Bis(2-chloroethyl)ether	<0.215	U H	0.573	0.215	ug/L		12/11/24 04:48	12/14/24 22:44	1
Bis(2-ethylhexyl) phthalate	<0.903	U H *+	1.15	0.903	ug/L		12/11/24 04:48	12/14/24 22:44	1
Butyl benzyl phthalate	<0.501	U H	1.15	0.501	ug/L		12/11/24 04:48	12/14/24 22:44	1
Chrysene	<0.0818	U H *+	0.573	0.0818	ug/L		12/11/24 04:48	12/14/24 22:44	1
Dibenz(a,h)anthracene	<0.0510	U H	0.115	0.0510	ug/L		12/11/24 04:48	12/14/24 22:44	1
Dibenzofuran	<0.107	U H	0.573	0.107	ug/L		12/11/24 04:48	12/14/24 22:44	1
Diethyl phthalate	<0.155	U H	1.15	0.155	ug/L		12/11/24 04:48	12/14/24 22:44	1
Dimethyl phthalate	<0.109	U H	1.15	0.109	ug/L		12/11/24 04:48	12/14/24 22:44	1
Di-n-butyl phthalate	<0.767	U H	1.15	0.767	ug/L		12/11/24 04:48	12/14/24 22:44	1
Di-n-octyl phthalate	<0.270	U H	1.15	0.270	ug/L		12/11/24 04:48	12/14/24 22:44	1
Fluoranthene	<0.0886	U H	0.573	0.0886	ug/L		12/11/24 04:48	12/14/24 22:44	1
Fluorene	<0.0951	U H	0.573	0.0951	ug/L		12/11/24 04:48	12/14/24 22:44	1
Hexachlorobenzene	<0.0978	U H	0.573	0.0978	ug/L		12/11/24 04:48	12/14/24 22:44	1
Hexachlorobutadiene	<0.103	U H	0.573	0.103	ug/L		12/11/24 04:48	12/14/24 22:44	1
Hexachlorocyclopentadiene	<0.0513	U H *+	0.573	0.0513	ug/L		12/11/24 04:48	12/14/24 22:44	1
Hexachloroethane	<0.102	U H	0.573	0.102	ug/L		12/11/24 04:48	12/14/24 22:44	1
Indeno[1,2,3-cd]pyrene	<0.100	U H	0.573	0.100	ug/L		12/11/24 04:48	12/14/24 22:44	1
Isophorone	<0.107	U H	0.573	0.107	ug/L		12/11/24 04:48	12/14/24 22:44	1
Naphthalene	<0.0947	U H	0.573	0.0947	ug/L		12/11/24 04:48	12/14/24 22:44	1
Nitrobenzene	<0.0739	U H	0.573	0.0739	ug/L		12/11/24 04:48	12/14/24 22:44	1
N-Nitrosodi-n-propylamine	<0.119	U H	0.573	0.119	ug/L		12/11/24 04:48	12/14/24 22:44	1
N-Nitrosodiphenylamine	<0.145	U H	0.573	0.145	ug/L		12/11/24 04:48	12/14/24 22:44	1
Pentachlorophenol	<1.04	U H	1.15	1.04	ug/L		12/11/24 04:48	12/14/24 22:44	1
Phenanthrene	<0.134	U H *+	0.573	0.134	ug/L		12/11/24 04:48	12/14/24 22:44	1
Phenol	<0.449	U H	2.87	0.449	ug/L		12/11/24 04:48	12/14/24 22:44	1
Pyrene	<0.0851	U H	0.573	0.0851	ug/L		12/11/24 04:48	12/14/24 22:44	1
Pyridine	<1.44	U H *1	2.87	1.44	ug/L		12/11/24 04:48	12/14/24 22:44	1
N-Nitro-o-toluidine	<0.522	U H	1.15	0.522	ug/L		12/11/24 04:48	12/14/24 22:44	1
2,3,4,6-Tetrachlorophenol	<0.211	U H *+	0.573	0.211	ug/L		12/11/24 04:48	12/14/24 22:44	1
Acetophenone	<0.626	U H	1.15	0.626	ug/L		12/11/24 04:48	12/14/24 22:44	1
N-Nitrosopiperidine	<0.469	U H	1.15	0.469	ug/L		12/11/24 04:48	12/14/24 22:44	1
Pentachlorobenzene	<0.267	U H	0.573	0.267	ug/L		12/11/24 04:48	12/14/24 22:44	1
Diphenyl ether	<0.0912	U H	0.573	0.0912	ug/L		12/11/24 04:48	12/14/24 22:44	1
1,1'-Biphenyl	<0.0984	U H	0.573	0.0984	ug/L		12/11/24 04:48	12/14/24 22:44	1
4-Aminobiphenyl	<0.395	U H	0.573	0.395	ug/L		12/11/24 04:48	12/14/24 22:44	1
1,2,4,5-Tetrachlorobenzene	<0.0960	U H	0.573	0.0960	ug/L		12/11/24 04:48	12/14/24 22:44	1
1,3,5-Trinitrobenzene	<0.119	U H	0.573	0.119	ug/L		12/11/24 04:48	12/14/24 22:44	1
1,3-Dinitrobenzene	<0.0775	U H	0.573	0.0775	ug/L		12/11/24 04:48	12/14/24 22:44	1
1,4-Naphthoquinone	<0.315	U H	0.573	0.315	ug/L		12/11/24 04:48	12/14/24 22:44	1
1-Naphthylamine	<0.149	U H	0.573	0.149	ug/L		12/11/24 04:48	12/14/24 22:44	1
2,6-Dichlorophenol	<0.119	U H	0.573	0.119	ug/L		12/11/24 04:48	12/14/24 22:44	1
2-Acetylaminofluorene	<1.27	U H *+	2.87	1.27	ug/L		12/11/24 04:48	12/14/24 22:44	1
2-Chlorophenol	<0.0758	U H	0.573	0.0758	ug/L		12/11/24 04:48	12/14/24 22:44	1
2-Naphthylamine	<0.289	U H	0.573	0.289	ug/L		12/11/24 04:48	12/14/24 22:44	1
2-Picoline	<0.123	U H	0.573	0.123	ug/L		12/11/24 04:48	12/14/24 22:44	1
2-Toluidine	<0.307	U H	0.573	0.307	ug/L		12/11/24 04:48	12/14/24 22:44	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86901-1

Client Sample ID: CM-00
Date Collected: 11/12/24 09:50
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	<0.184	U H	0.573	0.184	ug/L		12/11/24 04:48	12/14/24 22:44	1
3,3'-Dimethylbenzidine	<0.142	U H	0.573	0.142	ug/L		12/11/24 04:48	12/14/24 22:44	1
3-Methylcholanthrene	<0.105	U H	0.573	0.105	ug/L		12/11/24 04:48	12/14/24 22:44	1
4-Nitroquinoline-1-oxide	<0.732	U H	1.15	0.732	ug/L		12/11/24 04:48	12/14/24 22:44	1
7,12-Dimethylbenz(a)anthracene	<0.242	U H	0.573	0.242	ug/L		12/11/24 04:48	12/14/24 22:44	1
alpha,alpha-Dimethyl phenethylamine	<3.68	U H *-	5.73	3.68	ug/L		12/11/24 04:48	12/14/24 22:44	1
Aramite Peak 1	<0.0787	U H *+	0.573	0.0787	ug/L		12/11/24 04:48	12/14/24 22:44	1
Aramite Peak 2	<0.0956	U H	0.573	0.0956	ug/L		12/11/24 04:48	12/14/24 22:44	1
Aramite, Total	<0.0956	U H	0.573	0.0956	ug/L		12/11/24 04:48	12/14/24 22:44	1
Diallate	<0.0837	U H	0.573	0.0837	ug/L		12/11/24 04:48	12/14/24 22:44	1
Diallate Peak 1	<0.0837	U H	0.573	0.0837	ug/L		12/11/24 04:48	12/14/24 22:44	1
Diallate Peak 2	<0.0386	U H	0.573	0.0386	ug/L		12/11/24 04:48	12/14/24 22:44	1
Dimethoate	<0.122	U H	0.573	0.122	ug/L		12/11/24 04:48	12/14/24 22:44	1
Dinoseb	<0.571	U H	2.87	0.571	ug/L		12/11/24 04:48	12/14/24 22:44	1
Disulfoton	<0.203	U H	0.573	0.203	ug/L		12/11/24 04:48	12/14/24 22:44	1
Ethyl methanesulfonate	<0.227	U H	0.573	0.227	ug/L		12/11/24 04:48	12/14/24 22:44	1
Ethyl Parathion	<0.0503	U H	0.229	0.0503	ug/L		12/11/24 04:48	12/14/24 22:44	1
Famphur	<0.151	U H	1.15	0.151	ug/L		12/11/24 04:48	12/14/24 22:44	1
Hexachloropropene	<0.301	U H	0.573	0.301	ug/L		12/11/24 04:48	12/14/24 22:44	1
Isosafrole	<0.241	U H	0.573	0.241	ug/L		12/11/24 04:48	12/14/24 22:44	1
Isosafrole Peak 1	<0.0465	U H	0.573	0.0465	ug/L		12/11/24 04:48	12/14/24 22:44	1
Isosafrole Peak 2	<0.241	U H	0.573	0.241	ug/L		12/11/24 04:48	12/14/24 22:44	1
Methapyrilene	<1.00	U H	2.29	1.00	ug/L		12/11/24 04:48	12/14/24 22:44	1
Methyl methanesulfonate	<0.120	U H	0.573	0.120	ug/L		12/11/24 04:48	12/14/24 22:44	1
Methyl parathion	<0.320	U H	0.573	0.320	ug/L		12/11/24 04:48	12/14/24 22:44	1
N-Nitrosodiethylamine	<0.540	U H	1.15	0.540	ug/L		12/11/24 04:48	12/14/24 22:44	1
N-Nitrosodimethylamine	<0.100	U H *-	0.573	0.100	ug/L		12/11/24 04:48	12/14/24 22:44	1
N-Nitrosodi-n-butylamine	<0.517	U H	1.15	0.517	ug/L		12/11/24 04:48	12/14/24 22:44	1
N-Nitrosomethylethylamine	<0.295	U H	0.573	0.295	ug/L		12/11/24 04:48	12/14/24 22:44	1
N-Nitrosomorpholine	<0.221	U H	0.573	0.221	ug/L		12/11/24 04:48	12/14/24 22:44	1
N-Nitrosopyrrolidine	<0.268	U H	0.573	0.268	ug/L		12/11/24 04:48	12/14/24 22:44	1
o,o',o''-Triethylphosphorothioate	<0.139	U H	0.573	0.139	ug/L		12/11/24 04:48	12/14/24 22:44	1
p-Dimethylamino azobenzene	<0.0238	U H	0.573	0.0238	ug/L		12/11/24 04:48	12/14/24 22:44	1
Pentachloronitrobenzene	<0.100	U H	0.573	0.100	ug/L		12/11/24 04:48	12/14/24 22:44	1
Phenacetin	<0.100	U H	0.573	0.100	ug/L		12/11/24 04:48	12/14/24 22:44	1
Phorate	<0.222	U H	0.573	0.222	ug/L		12/11/24 04:48	12/14/24 22:44	1
p-Phenylene diamine	<0.501	U H *-	1.15	0.501	ug/L		12/11/24 04:48	12/14/24 22:44	1
Pronamide	<0.100	U H	0.573	0.100	ug/L		12/11/24 04:48	12/14/24 22:44	1
Safrole, Total	<0.0573	U H	0.573	0.0573	ug/L		12/11/24 04:48	12/14/24 22:44	1
Sulfotepp	<0.147	U H	0.573	0.147	ug/L		12/11/24 04:48	12/14/24 22:44	1
Thionazin	<0.209	U H	1.15	0.209	ug/L		12/11/24 04:48	12/14/24 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*35 - 130*	*12/11/24 04:48*	*12/14/24 22:44*	*1*
2-Fluorobiphenyl	*84*		*43 - 130*	*12/11/24 04:48*	*12/14/24 22:44*	*1*
2-Fluorophenol (Surr)	*76*		*19 - 120*	*12/11/24 04:48*	*12/14/24 22:44*	*1*
Nitrobenzene-d5 (Surr)	*103*		*37 - 133*	*12/11/24 04:48*	*12/14/24 22:44*	*1*
Phenol-d5 (Surr)	*59*		*8 - 124*	*12/11/24 04:48*	*12/14/24 22:44*	*1*
p-Terphenyl-d14	*128*		*47 - 130*	*12/11/24 04:48*	*12/14/24 22:44*	*1*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86901-1

Client Sample ID: TB-07 (111224)
Date Collected: 11/12/24 00:00
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/15/24 21:00	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/15/24 21:00	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/15/24 21:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/15/24 21:00	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/15/24 21:00	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/15/24 21:00	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/15/24 21:00	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/15/24 21:00	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/15/24 21:00	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/15/24 21:00	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/15/24 21:00	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/15/24 21:00	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/15/24 21:00	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/15/24 21:00	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/15/24 21:00	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/15/24 21:00	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/15/24 21:00	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/15/24 21:00	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/15/24 21:00	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/15/24 21:00	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/15/24 21:00	1
Acetone	<3.07	U	100	3.07	ug/L			11/15/24 21:00	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/15/24 21:00	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/15/24 21:00	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/15/24 21:00	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/15/24 21:00	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/15/24 21:00	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/15/24 21:00	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/15/24 21:00	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/15/24 21:00	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/15/24 21:00	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/15/24 21:00	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/15/24 21:00	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/15/24 21:00	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/15/24 21:00	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/15/24 21:00	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/15/24 21:00	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/15/24 21:00	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/15/24 21:00	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/15/24 21:00	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/15/24 21:00	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/15/24 21:00	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/15/24 21:00	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/15/24 21:00	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/15/24 21:00	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/15/24 21:00	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/15/24 21:00	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/15/24 21:00	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/15/24 21:00	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86901-1

Client Sample ID: TB-07 (111224)
Date Collected: 11/12/24 00:00
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86901-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/15/24 21:00	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/15/24 21:00	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/15/24 21:00	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/15/24 21:00	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/15/24 21:00	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/15/24 21:00	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/15/24 21:00	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/15/24 21:00	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/15/24 21:00	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/15/24 21:00	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/15/24 21:00	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/15/24 21:00	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/15/24 21:00	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/15/24 21:00	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/15/24 21:00	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/15/24 21:00	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/15/24 21:00	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/15/24 21:00	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/15/24 21:00	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/15/24 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*63 - 144*		*11/15/24 21:00*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*11/15/24 21:00*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 131*		*11/15/24 21:00*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*11/15/24 21:00*	*1*

Surrogate Summary

Client: Ashland LLC
Job ID: 860-86901-1
Project/Site: Hercules Hattiesburg, MS

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
860-86901-1	CM-05	110	97	105	102
860-86901-1 MS	CM-05	102	104	102	101
860-86901-2	CM-04	112	97	110	103
860-86901-3	CM-03	110	102	109	104
860-86901-4	CM-02	112	98	108	103
860-86901-5	CM-01	110	97	110	101
860-86901-6	CM-00	113	97	108	105
860-86901-7	TB-07 (111224)	107	101	106	106
LCS 860-200122/3	Lab Control Sample	104	101	107	99
LCSD 860-200122/4	Lab Control Sample Dup	102	102	106	102
MB 860-200122/9	Method Blank	108	98	106	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(35-130)	(43-130)	(19-120)	(37-133)	(8-124)	(47-130)
860-86901-1	CM-05	122	116	78	147 S1+	47	121
860-86901-1 - DL	CM-05	87	133 S1+	83	135 S1+	58	133 S1+
860-86901-1 - RE	CM-05	73	87	67	99	45	111
860-86901-1 - REDL	CM-05	67	73	60	90	37	91
860-86901-2	CM-04	145 S1+	118	65	142 S1+	37	123
860-86901-2 - DL	CM-04	63	126	76	128	55	130
860-86901-2 - RE	CM-04	84	80	61	101	38	107
860-86901-2 - REDL	CM-04	61	75	61	89	40	94
860-86901-3	CM-03	134 S1+	117	76	136 S1+	46	122
860-86901-3 - RE	CM-03	90	86	73	105	54	115
860-86901-4	CM-02	127	114	78	135 S1+	48	124
860-86901-4 - RE	CM-02	89	87	69	111	48	127
860-86901-5	CM-01	114	107	85	132	56	137 S1+
860-86901-5 - RE	CM-01	92	86	61	107	39	114
860-86901-6	CM-00	125	118	65	150 S1+	36	118
860-86901-6 - RE	CM-00	84	84	76	103	59	128
860-86937-G-6-B MS - RE	Matrix Spike	57	40 S1-	32	53	19	54
860-86937-G-6-C MSD - RE	Matrix Spike Duplicate	73	51	40	67	24	72
LCS 860-199539/24-A	Lab Control Sample	108	108	59	122	45	117
LCS 860-199539/2-A	Lab Control Sample	180 S1+	137 S1+	59	131	39	122
LCS 860-204625/2-A	Lab Control Sample	109	102	69	123	45	135 S1+
LCS 860-204625/4-A	Lab Control Sample	84	86	53	96	33	100
LCSD 860-199539/25-A	Lab Control Sample Dup	125	117	65	120	47	129
LCSD 860-199539/3-A	Lab Control Sample Dup	170 S1+	132 S1+	62	131	43	123
LCSD 860-204625/3-A	Lab Control Sample Dup	103	105	74	124	48	138 S1+
LCSD 860-204625/5-A	Lab Control Sample Dup	90	90	59	102	37	100

Surrogate Summary

Client: Ashland LLC
Job ID: 860-86901-1
Project/Site: Hercules Hattiesburg, MS

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPHd14		
Lab Sample ID	Client Sample ID	(35-130)	(43-130)	(19-120)	(37-133)	(8-124)	(47-130)		
MB 860-199539/1-A	Method Blank	114	118	56	108	37	126		
MB 860-204625/1-A	Method Blank	96	101	62	117	36	147 S1+		

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-200122/9
Matrix: Water
Analysis Batch: 200122

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/15/24 20:40	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/15/24 20:40	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/15/24 20:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/15/24 20:40	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/15/24 20:40	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/15/24 20:40	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/15/24 20:40	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/15/24 20:40	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/15/24 20:40	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/15/24 20:40	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/15/24 20:40	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/15/24 20:40	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/15/24 20:40	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/15/24 20:40	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/15/24 20:40	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/15/24 20:40	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/15/24 20:40	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/15/24 20:40	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/15/24 20:40	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/15/24 20:40	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/15/24 20:40	1
Acetone	<3.07	U	100	3.07	ug/L			11/15/24 20:40	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/15/24 20:40	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/15/24 20:40	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/15/24 20:40	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/15/24 20:40	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/15/24 20:40	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/15/24 20:40	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/15/24 20:40	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/15/24 20:40	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/15/24 20:40	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/15/24 20:40	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/15/24 20:40	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/15/24 20:40	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/15/24 20:40	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/15/24 20:40	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/15/24 20:40	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/15/24 20:40	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/15/24 20:40	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/15/24 20:40	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/15/24 20:40	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/15/24 20:40	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/15/24 20:40	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/15/24 20:40	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/15/24 20:40	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/15/24 20:40	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/15/24 20:40	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/15/24 20:40	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-200122/9
Matrix: Water
Analysis Batch: 200122

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/15/24 20:40	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/15/24 20:40	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/15/24 20:40	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/15/24 20:40	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/15/24 20:40	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/15/24 20:40	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/15/24 20:40	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/15/24 20:40	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/15/24 20:40	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/15/24 20:40	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/15/24 20:40	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/15/24 20:40	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/15/24 20:40	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/15/24 20:40	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/15/24 20:40	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/15/24 20:40	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/15/24 20:40	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/15/24 20:40	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/15/24 20:40	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/15/24 20:40	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/15/24 20:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*63 - 144*		*11/15/24 20:40*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*11/15/24 20:40*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 131*		*11/15/24 20:40*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/15/24 20:40*	*1*

Lab Sample ID: LCS 860-200122/3
Matrix: Water
Analysis Batch: 200122

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	46.27		ug/L		93	72 - 125
1,1,1-Trichloroethane	50.0	48.72		ug/L		97	70 - 130
1,1,2,2-Tetrachloroethane	50.0	48.18		ug/L		96	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.17		ug/L		96	60 - 140
1,1,2-Trichloroethane	50.0	47.59		ug/L		95	75 - 130
1,1-Dichloroethane	50.0	48.69		ug/L		97	71 - 130
1,1-Dichloroethene	50.0	53.46		ug/L		107	50 - 150
1,2,3-Trichloropropane	50.0	48.08		ug/L		96	75 - 125
1,2,4-Trimethylbenzene	50.0	49.30		ug/L		99	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	45.35		ug/L		91	59 - 125
1,2-Dibromoethane	50.0	47.60		ug/L		95	73 - 125
1,2-Dichloroethane	50.0	49.60		ug/L		99	72 - 130
1,2-Dichloropropane	50.0	49.11		ug/L		98	74 - 125
1,3,5-Trimethylbenzene	50.0	46.66		ug/L		93	60 - 140
1,3-Butadiene	50.0	45.49		ug/L		91	60 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-200122/3
Matrix: Water
Analysis Batch: 200122

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,2,4-Trimethylpentane	50.0	46.38		ug/L		93	70 - 130
2-Butanone (MEK)	250	257.2		ug/L		103	60 - 140
2-Hexanone (MBK)	250	267.8		ug/L		107	60 - 140
2-Propanol	500	475.9		ug/L		95	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	40.79		ug/L		82	70 - 130
4-Methyl-2-pentanone	250	263.4		ug/L		105	60 - 140
Acetone	250	241.6		ug/L		97	60 - 140
Acetonitrile	500	465.3		ug/L		93	60 - 140
Acrolein	250	253.6		ug/L		101	60 - 140
Acrylonitrile	500	490.0		ug/L		98	60 - 140
alpha-Chlorotoluene	50.0	44.63		ug/L		89	75 - 125
Benzene	50.0	47.98		ug/L		96	75 - 125
Bromodichloromethane	50.0	49.82		ug/L		100	75 - 125
Bromoform	50.0	46.80		ug/L		94	70 - 130
Bromomethane	50.0	44.82		ug/L		90	60 - 140
Carbon disulfide	50.0	46.58		ug/L		93	60 - 140
Carbon tetrachloride	50.0	47.31		ug/L		95	70 - 125
Chlorobenzene	50.0	46.89		ug/L		94	82 - 135
Chlorodibromomethane	50.0	47.62		ug/L		95	73 - 125
Chloroethane	50.0	48.15		ug/L		96	60 - 140
Chloroform	50.0	50.44		ug/L		101	70 - 121
Chloromethane	50.0	44.21		ug/L		88	60 - 140
Chloroprene	50.0	50.06		ug/L		100	70 - 130
cis-1,2-Dichloroethene	50.0	50.02		ug/L		100	75 - 125
cis-1,3-Dichloropropene	50.0	49.05		ug/L		98	74 - 125
Cumene (isopropylbenzene)	50.0	47.68		ug/L		95	75 - 125
Cyclohexane	50.0	44.91		ug/L		90	70 - 130
Dibromomethane	50.0	48.56		ug/L		97	69 - 127
Dichlorodifluoromethane	50.0	39.47		ug/L		79	50 - 150
Ethyl methacrylate	50.0	49.23		ug/L		98	70 - 130
Ethylbenzene	50.0	47.53		ug/L		95	75 - 125
Hexane	50.0	47.73		ug/L		95	72 - 125
Iodomethane	50.0	45.97		ug/L		92	75 - 125
Isobutanol	1240	1197		ug/L		97	60 - 140
Methacrylonitrile	500	503.6		ug/L		101	70 - 130
Methyl methacrylate	100	100.8		ug/L		101	70 - 130
Methyl tert-butyl ether	50.0	50.93		ug/L		102	65 - 135
Methylene Chloride	50.0	44.90		ug/L		90	71 - 125
Propionitrile	500	498.8		ug/L		100	70 - 130
Propylbenzene	50.0	48.48		ug/L		97	75 - 125
Styrene	50.0	48.25		ug/L		96	75 - 125
Tetrachloroethene	50.0	46.16		ug/L		92	71 - 125
Tetrahydrofuran	100	98.95		ug/L		99	75 - 125
Toluene	50.0	46.67		ug/L		93	75 - 130
trans-1,2-Dichloroethene	50.0	48.91		ug/L		98	75 - 125
trans-1,3-Dichloropropene	50.0	47.83		ug/L		96	66 - 125
trans-1,4-Dichloro-2-butene	50.0	54.28		ug/L		109	70 - 130
Trichloroethene	50.0	47.45		ug/L		95	75 - 135
Trichlorofluoromethane	50.0	48.52		ug/L		97	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-200122/3
Matrix: Water
Analysis Batch: 200122

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Vinyl acetate			250	243.3		ug/L		97	60 - 140		
Vinyl chloride			50.0	46.39		ug/L		93	60 - 140		
Xylenes, Total			100	94.35		ug/L		94	75 - 125		
m,p-Xylenes			0.0500	0.04700		mg/L		94	75 - 125		
o-Xylene			0.0500	0.04735		mg/L		95	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*107*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 860-200122/4
Matrix: Water
Analysis Batch: 200122

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	47.78		ug/L		96	72 - 125	3	25
1,1,1-Trichloroethane			50.0	49.58		ug/L		99	70 - 130	2	25
1,1,2,2-Tetrachloroethane			50.0	51.26		ug/L		103	74 - 125	6	25
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	50.20		ug/L		100	60 - 140	4	25
1,1,2-Trichloroethane			50.0	48.73		ug/L		97	75 - 130	2	25
1,1-Dichloroethane			50.0	51.03		ug/L		102	71 - 130	5	25
1,1-Dichloroethene			50.0	54.45		ug/L		109	50 - 150	2	25
1,2,3-Trichloropropane			50.0	50.04		ug/L		100	75 - 125	4	25
1,2,4-Trimethylbenzene			50.0	50.53		ug/L		101	75 - 125	2	25
1,2-Dibromo-3-Chloropropane			50.0	47.28		ug/L		95	59 - 125	4	25
1,2-Dibromoethane			50.0	48.82		ug/L		98	73 - 125	3	25
1,2-Dichloroethane			50.0	49.29		ug/L		99	72 - 130	1	25
1,2-Dichloropropane			50.0	49.08		ug/L		98	74 - 125	0	25
1,3,5-Trimethylbenzene			50.0	49.39		ug/L		99	60 - 140	6	25
1,3-Butadiene			50.0	46.20		ug/L		92	60 - 150	2	25
2,2,4-Trimethylpentane			50.0	45.14		ug/L		90	70 - 130	3	25
2-Butanone (MEK)			250	258.3		ug/L		103	60 - 140	0	25
2-Hexanone (MBK)			250	268.5		ug/L		107	60 - 140	0	25
2-Propanol			500	489.0		ug/L		98	70 - 120	3	25
3-Chloropropene (Allyl Chloride)			50.0	47.41		ug/L		95	70 - 130	15	25
4-Methyl-2-pentanone			250	254.0		ug/L		102	60 - 140	4	25
Acetone			250	237.0		ug/L		95	60 - 140	2	25
Acetonitrile			500	475.4		ug/L		95	60 - 140	2	25
Acrolein			250	260.4		ug/L		104	60 - 140	3	25
Acrylonitrile			500	488.4		ug/L		98	60 - 140	0	25
alpha-Chlorotoluene			50.0	48.80		ug/L		98	75 - 125	9	25
Benzene			50.0	47.50		ug/L		95	75 - 125	1	25
Bromodichloromethane			50.0	49.50		ug/L		99	75 - 125	1	25
Bromoform			50.0	47.30		ug/L		95	70 - 130	1	25
Bromomethane			50.0	46.20		ug/L		92	60 - 140	3	25
Carbon disulfide			50.0	45.98		ug/L		92	60 - 140	1	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-200122/4
Matrix: Water
Analysis Batch: 200122

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride			50.0	47.18		ug/L		94	70 - 125	0	25
Chlorobenzene			50.0	48.12		ug/L		96	82 - 135	3	25
Chlorodibromomethane			50.0	48.59		ug/L		97	73 - 125	2	25
Chloroethane			50.0	48.39		ug/L		97	60 - 140	0	25
Chloroform			50.0	49.75		ug/L		99	70 - 121	1	25
Chloromethane			50.0	43.06		ug/L		86	60 - 140	3	25
Chloroprene			50.0	50.02		ug/L		100	70 - 130	0	25
cis-1,2-Dichloroethene			50.0	49.86		ug/L		100	75 - 125	0	25
cis-1,3-Dichloropropene			50.0	49.54		ug/L		99	74 - 125	1	25
Cumene (isopropylbenzene)			50.0	48.84		ug/L		98	75 - 125	2	25
Cyclohexane			50.0	43.66		ug/L		87	70 - 130	3	25
Dibromomethane			50.0	49.34		ug/L		99	69 - 127	2	25
Dichlorodifluoromethane			50.0	36.43		ug/L		73	50 - 150	8	25
Ethyl methacrylate			50.0	50.13		ug/L		100	70 - 130	2	25
Ethylbenzene			50.0	49.12		ug/L		98	75 - 125	3	25
Hexane			50.0	44.84		ug/L		90	72 - 125	6	25
Iodomethane			50.0	42.91		ug/L		86	75 - 125	7	25
Isobutanol			1240	1250		ug/L		101	60 - 140	4	25
Methacrylonitrile			500	502.9		ug/L		101	70 - 130	0	25
Methyl methacrylate			100	94.83		ug/L		95	70 - 130	6	25
Methyl tert-butyl ether			50.0	50.74		ug/L		101	65 - 135	0	25
Methylene Chloride			50.0	45.11		ug/L		90	71 - 125	0	25
Propionitrile			500	503.7		ug/L		101	70 - 130	1	25
Propylbenzene			50.0	50.43		ug/L		101	75 - 125	4	25
Styrene			50.0	49.54		ug/L		99	75 - 125	3	25
Tetrachloroethene			50.0	47.16		ug/L		94	71 - 125	2	25
Tetrahydrofuran			100	93.34		ug/L		93	75 - 125	6	25
Toluene			50.0	48.24		ug/L		96	75 - 130	3	25
trans-1,2-Dichloroethene			50.0	49.51		ug/L		99	75 - 125	1	25
trans-1,3-Dichloropropene			50.0	49.31		ug/L		99	66 - 125	3	25
trans-1,4-Dichloro-2-butene			50.0	56.23		ug/L		112	70 - 130	4	25
Trichloroethene			50.0	46.86		ug/L		94	75 - 135	1	25
Trichlorofluoromethane			50.0	46.20		ug/L		92	60 - 140	5	25
Vinyl acetate			250	248.9		ug/L		100	60 - 140	2	25
Vinyl chloride			50.0	47.60		ug/L		95	60 - 140	3	25
Xylenes, Total			100	97.10		ug/L		97	75 - 125	3	25
m,p-Xylenes			0.0500	0.04809		mg/L		96	75 - 125	2	25
o-Xylene			0.0500	0.04901		mg/L		98	75 - 125	3	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*
Dibromofluoromethane (Surr)	*106*		*75 - 131*
Toluene-d8 (Surr)	*102*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86901-1 MS
Matrix: Water
Analysis Batch: 200122

Client Sample ID: CM-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.644	U	50.0	50.43		ug/L		101	72 - 125
1,1,1-Trichloroethane	<0.585	U	50.0	51.20		ug/L		102	75 - 125
1,1,2,2-Tetrachloroethane	<0.470	U	50.0	56.29		ug/L		113	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	50.0	46.69		ug/L		93	60 - 140
1,1,2-Trichloroethane	<0.411	U	50.0	49.73		ug/L		99	75 - 127
1,1-Dichloroethane	<0.635	U	50.0	51.52		ug/L		103	72 - 125
1,1-Dichloroethene	<0.738	U	50.0	55.00		ug/L		110	59 - 172
1,2,3-Trichloropropane	<0.470	U	50.0	53.57		ug/L		107	75 - 125
1,2,4-Trimethylbenzene	<0.417	U	50.0	52.30		ug/L		105	75 - 125
1,2-Dibromo-3-Chloropropane	<0.671	U	50.0	52.72		ug/L		105	59 - 125
1,2-Dibromoethane	<0.999	U	50.0	51.87		ug/L		104	73 - 125
1,2-Dichloroethane	<0.372	U	50.0	50.68		ug/L		101	68 - 127
1,2-Dichloropropane	<0.556	U	50.0	50.06		ug/L		100	74 - 125
1,3,5-Trimethylbenzene	<0.411	U	50.0	50.88		ug/L		102	70 - 125
1,3-Butadiene	<0.568	U	50.0	46.12		ug/L		92	70 - 150
2,2,4-Trimethylpentane	<0.500	U	50.0	43.21		ug/L		86	70 - 130
2-Butanone (MEK)	<8.28	U	250	283.7		ug/L		113	60 - 140
2-Hexanone (MBK)	<5.00	U	250	301.8		ug/L		121	60 - 140
2-Propanol	<5.23	U F1	500	604.1	F1	ug/L		121	70 - 120
3-Chloropropene (Allyl Chloride)	<0.597	U	50.0	44.30		ug/L		89	70 - 130
4-Methyl-2-pentanone	<5.00	U	250	283.6		ug/L		113	60 - 140
Acetone	<3.07	U	250	269.3		ug/L		108	60 - 140
Acetonitrile	<14.6	U	500	490.9		ug/L		98	60 - 140
Acrolein	<11.1	U	250	186.4		ug/L		75	50 - 150
Acrylonitrile	<14.3	U	500	518.9		ug/L		104	50 - 150
alpha-Chlorotoluene	<2.26	U	50.0	51.47		ug/L		103	70 - 130
Benzene	<0.460	U	50.0	49.03		ug/L		98	66 - 142
Bromodichloromethane	<0.552	U	50.0	51.00		ug/L		102	75 - 125
Bromoform	<0.633	U	50.0	50.25		ug/L		101	75 - 125
Bromomethane	<1.42	U	50.0	49.79		ug/L		100	60 - 140
Carbon disulfide	<1.65	U	50.0	45.95		ug/L		92	60 - 140
Carbon tetrachloride	<0.896	U	50.0	47.71		ug/L		95	62 - 125
Chlorobenzene	<0.455	U	50.0	49.86		ug/L		100	60 - 133
Chlorodibromomethane	<0.547	U	50.0	49.69		ug/L		99	73 - 125
Chloroethane	<1.98	U	50.0	51.71		ug/L		103	60 - 140
Chloroform	0.508	J	50.0	51.75		ug/L		102	70 - 130
Chloromethane	<2.04	U	50.0	41.54		ug/L		83	60 - 140
Chloroprene	<0.598	U	50.0	51.72		ug/L		103	70 - 130
cis-1,2-Dichloroethene	<0.457	U	50.0	50.16		ug/L		100	75 - 125
cis-1,3-Dichloropropene	<1.07	U	50.0	49.96		ug/L		100	74 - 125
Cumene (isopropylbenzene)	<0.592	U	50.0	51.68		ug/L		103	75 - 125
Cyclohexane	<1.29	U	50.0	42.13		ug/L		84	70 - 130
Dibromomethane	<0.357	U	50.0	50.74		ug/L		101	69 - 127
Dichlorodifluoromethane	<0.785	U F1	50.0	31.09	F1	ug/L		62	70 - 130
Ethyl methacrylate	<1.12	U	50.0	54.15		ug/L		108	70 - 130
Ethylbenzene	<0.385	U	50.0	50.99		ug/L		102	75 - 125
Hexane	<0.517	U	50.0	39.29		ug/L		79	72 - 125
Iodomethane	<5.00	U	50.0	39.75		ug/L		79	75 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86901-1 MS
Matrix: Water
Analysis Batch: 200122

Client Sample ID: CM-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Isobutanol	<17.1	U	1240	1538		ug/L		124	60 - 140
Methacrylonitrile	<2.72	U	500	525.5		ug/L		105	70 - 130
Methyl methacrylate	<2.25	U	100	103.3		ug/L		103	70 - 130
Methyl tert-butyl ether	<1.39	U	50.0	51.97		ug/L		104	65 - 135
Methylene Chloride	<1.73	U	50.0	45.06		ug/L		90	75 - 125
Propionitrile	<3.34	U	500	542.5		ug/L		109	70 - 130
Propylbenzene	<0.429	U	50.0	53.45		ug/L		107	75 - 125
Styrene	<0.619	U	50.0	50.91		ug/L		102	75 - 125
Tetrachloroethene	<0.655	U	50.0	48.99		ug/L		98	71 - 125
Tetrahydrofuran	<1.83	U	100	103.4		ug/L		103	75 - 125
Toluene	<0.475	U	50.0	50.07		ug/L		100	59 - 139
trans-1,2-Dichloroethene	<0.368	U	50.0	49.39		ug/L		99	75 - 125
trans-1,3-Dichloropropene	<1.27	U	50.0	51.48		ug/L		103	66 - 125
trans-1,4-Dichloro-2-butene	<1.35	U	50.0	59.29		ug/L		119	70 - 130
Trichloroethene	<1.50	U	50.0	48.74		ug/L		97	62 - 137
Trichlorofluoromethane	<0.560	U	50.0	46.74		ug/L		93	60 - 140
Vinyl acetate	<2.14	U	250	253.6		ug/L		101	60 - 140
Vinyl chloride	<0.428	U	50.0	48.14		ug/L		96	60 - 140
Xylenes, Total	<1.24	U	100	101.9		ug/L		102	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.05103		mg/L		102	75 - 125
o-Xylene	<0.000502	U	0.0500	0.05089		mg/L		102	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*
Dibromofluoromethane (Surr)	*102*		*75 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-199539/1-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199539

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/13/24 14:29	11/16/24 01:24	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/13/24 14:29	11/16/24 01:24	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/13/24 14:29	11/16/24 01:24	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/13/24 14:29	11/16/24 01:24	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		11/13/24 14:29	11/16/24 01:24	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/13/24 14:29	11/16/24 01:24	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/13/24 14:29	11/16/24 01:24	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/13/24 14:29	11/16/24 01:24	1
2,4-Dimethylphenol	<0.192	U	0.571	0.192	ug/L		11/13/24 14:29	11/16/24 01:24	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		11/13/24 14:29	11/16/24 01:24	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/13/24 14:29	11/16/24 01:24	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/13/24 14:29	11/16/24 01:24	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/13/24 14:29	11/16/24 01:24	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/13/24 14:29	11/16/24 01:24	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199539/1-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199539

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/13/24 14:29	11/16/24 01:24	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/13/24 14:29	11/16/24 01:24	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/13/24 14:29	11/16/24 01:24	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/13/24 14:29	11/16/24 01:24	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/13/24 14:29	11/16/24 01:24	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/13/24 14:29	11/16/24 01:24	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/13/24 14:29	11/16/24 01:24	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/13/24 14:29	11/16/24 01:24	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/13/24 14:29	11/16/24 01:24	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/13/24 14:29	11/16/24 01:24	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/13/24 14:29	11/16/24 01:24	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/13/24 14:29	11/16/24 01:24	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/13/24 14:29	11/16/24 01:24	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/13/24 14:29	11/16/24 01:24	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/13/24 14:29	11/16/24 01:24	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/13/24 14:29	11/16/24 01:24	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/13/24 14:29	11/16/24 01:24	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/13/24 14:29	11/16/24 01:24	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/13/24 14:29	11/16/24 01:24	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/13/24 14:29	11/16/24 01:24	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/13/24 14:29	11/16/24 01:24	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		11/13/24 14:29	11/16/24 01:24	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/13/24 14:29	11/16/24 01:24	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/13/24 14:29	11/16/24 01:24	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/13/24 14:29	11/16/24 01:24	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/13/24 14:29	11/16/24 01:24	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/13/24 14:29	11/16/24 01:24	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/13/24 14:29	11/16/24 01:24	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		11/13/24 14:29	11/16/24 01:24	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/13/24 14:29	11/16/24 01:24	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/13/24 14:29	11/16/24 01:24	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/13/24 14:29	11/16/24 01:24	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/13/24 14:29	11/16/24 01:24	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/13/24 14:29	11/16/24 01:24	1
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/13/24 14:29	11/16/24 01:24	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/13/24 14:29	11/16/24 01:24	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/13/24 14:29	11/16/24 01:24	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/13/24 14:29	11/16/24 01:24	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/13/24 14:29	11/16/24 01:24	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/13/24 14:29	11/16/24 01:24	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/13/24 14:29	11/16/24 01:24	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		11/13/24 14:29	11/16/24 01:24	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/13/24 14:29	11/16/24 01:24	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/13/24 14:29	11/16/24 01:24	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/13/24 14:29	11/16/24 01:24	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/13/24 14:29	11/16/24 01:24	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/13/24 14:29	11/16/24 01:24	1
Phenol	<0.448	U	2.86	0.448	ug/L		11/13/24 14:29	11/16/24 01:24	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/13/24 14:29	11/16/24 01:24	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199539/1-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199539

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	<1.44	U	2.86	1.44	ug/L		11/13/24 14:29	11/16/24 01:24	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/13/24 14:29	11/16/24 01:24	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/13/24 14:29	11/16/24 01:24	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/13/24 14:29	11/16/24 01:24	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/13/24 14:29	11/16/24 01:24	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/13/24 14:29	11/16/24 01:24	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		11/13/24 14:29	11/16/24 01:24	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/13/24 14:29	11/16/24 01:24	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/13/24 14:29	11/16/24 01:24	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/13/24 14:29	11/16/24 01:24	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/13/24 14:29	11/16/24 01:24	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/13/24 14:29	11/16/24 01:24	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/13/24 14:29	11/16/24 01:24	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/13/24 14:29	11/16/24 01:24	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/13/24 14:29	11/16/24 01:24	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		11/13/24 14:29	11/16/24 01:24	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/13/24 14:29	11/16/24 01:24	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/13/24 14:29	11/16/24 01:24	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/13/24 14:29	11/16/24 01:24	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/13/24 14:29	11/16/24 01:24	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/13/24 14:29	11/16/24 01:24	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/13/24 14:29	11/16/24 01:24	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/13/24 14:29	11/16/24 01:24	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/13/24 14:29	11/16/24 01:24	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/13/24 14:29	11/16/24 01:24	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		11/13/24 14:29	11/16/24 01:24	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		11/13/24 14:29	11/16/24 01:24	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/13/24 14:29	11/16/24 01:24	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/13/24 14:29	11/16/24 01:24	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/13/24 14:29	11/16/24 01:24	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/13/24 14:29	11/16/24 01:24	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/13/24 14:29	11/16/24 01:24	1
Dimethoate	<0.122	U	0.571	0.122	ug/L		11/13/24 14:29	11/16/24 01:24	1
Dinoseb	<0.570	U	2.86	0.570	ug/L		11/13/24 14:29	11/16/24 01:24	1
Disulfoton	<0.203	U	0.571	0.203	ug/L		11/13/24 14:29	11/16/24 01:24	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/13/24 14:29	11/16/24 01:24	1
Ethyl Parathion	<0.0502	U	0.229	0.0502	ug/L		11/13/24 14:29	11/16/24 01:24	1
Famphur	<0.151	U	1.14	0.151	ug/L		11/13/24 14:29	11/16/24 01:24	1
Hexachloropropene	<0.300	U	0.571	0.300	ug/L		11/13/24 14:29	11/16/24 01:24	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/13/24 14:29	11/16/24 01:24	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/13/24 14:29	11/16/24 01:24	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/13/24 14:29	11/16/24 01:24	1
Methapyrilene	<1.00	U	2.29	1.00	ug/L		11/13/24 14:29	11/16/24 01:24	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/13/24 14:29	11/16/24 01:24	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		11/13/24 14:29	11/16/24 01:24	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/13/24 14:29	11/16/24 01:24	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		11/13/24 14:29	11/16/24 01:24	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/13/24 14:29	11/16/24 01:24	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/13/24 14:29	11/16/24 01:24	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199539/1-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199539

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/13/24 14:29	11/16/24 01:24	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		11/13/24 14:29	11/16/24 01:24	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		11/13/24 14:29	11/16/24 01:24	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		11/13/24 14:29	11/16/24 01:24	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/13/24 14:29	11/16/24 01:24	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/13/24 14:29	11/16/24 01:24	1
Phorate	<0.221	U	0.571	0.221	ug/L		11/13/24 14:29	11/16/24 01:24	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		11/13/24 14:29	11/16/24 01:24	1
Pronamide	<0.100	U	0.571	0.100	ug/L		11/13/24 14:29	11/16/24 01:24	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/13/24 14:29	11/16/24 01:24	1
Sulfotepp	<0.147	U	0.571	0.147	ug/L		11/13/24 14:29	11/16/24 01:24	1
Thionazin	<0.208	U	1.14	0.208	ug/L		11/13/24 14:29	11/16/24 01:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*114*		*35 - 130*	*11/13/24 14:29*	*11/16/24 01:24*	*1*
2-Fluorobiphenyl	*118*		*43 - 130*	*11/13/24 14:29*	*11/16/24 01:24*	*1*
2-Fluorophenol (Surr)	*56*		*19 - 120*	*11/13/24 14:29*	*11/16/24 01:24*	*1*
Nitrobenzene-d5 (Surr)	*108*		*37 - 133*	*11/13/24 14:29*	*11/16/24 01:24*	*1*
Phenol-d5 (Surr)	*37*		*8 - 124*	*11/13/24 14:29*	*11/16/24 01:24*	*1*
p-Terphenyl-d14	*126*		*47 - 130*	*11/13/24 14:29*	*11/16/24 01:24*	*1*

Lab Sample ID: LCS 860-199539/24-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199539

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethoate	2.86	9.863	*+	ug/L		345	45 - 138
Dinoseb	5.71	11.69	*+	ug/L		205	49 - 130
Disulfoton	5.71	10.24	*+	ug/L		179	38 - 134
Ethyl Parathion	2.86	11.37	*+	ug/L		398	25 - 173
Famphur	2.86	6.072	*+	ug/L		213	43 - 142
Methapyrilene	5.71	25.20	E *+	ug/L		441	70 - 183
Methyl parathion	5.71	11.48	*+	ug/L		201	26 - 159
o,o',o''-Triethylphosphorothioate	2.86	0.4387	J I *-	ug/L		15	43 - 130
Phorate	5.71	9.281	*+	ug/L		162	37 - 140
Sulfotepp	2.86	9.454	*+	ug/L		331	28 - 158
Thionazin	2.86	4.899	*+	ug/L		171	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*108*		*35 - 130*
2-Fluorobiphenyl	*108*		*43 - 130*
2-Fluorophenol (Surr)	*59*		*19 - 120*
Nitrobenzene-d5 (Surr)	*122*		*37 - 133*
Phenol-d5 (Surr)	*45*		*8 - 124*
p-Terphenyl-d14	*117*		*47 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199539/2-A
Matrix: Water
Analysis Batch: 200733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199539

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	2.86	1.363		ug/L		48	32 - 130
1,2-Dichlorobenzene	2.86	1.393		ug/L		49	32 - 130
1,3-Dichlorobenzene	2.86	1.200		ug/L		42	26 - 130
1,4-Dichlorobenzene	2.86	1.320		ug/L		46	28 - 130
2,2'-oxybis[1-chloropropane]	2.86	3.873	I	ug/L		136	10 - 173
2,4,5-Trichlorophenol	2.86	2.822		ug/L		99	35 - 130
2,4,6-Trichlorophenol	2.86	2.502		ug/L		88	52 - 129
2,4-Dichlorophenol	2.86	2.945		ug/L		103	53 - 122
2,4-Dimethylphenol	2.86	3.855	*+	ug/L		135	42 - 120
1,4-Dioxane	2.86	0.9649		ug/L		34	27 - 130
2,4-Dinitrophenol	2.86	2.210	J	ug/L		77	12 - 173
2,4-Dinitrotoluene	2.86	4.596	*+	ug/L		161	48 - 127
2,6-Dinitrotoluene	2.86	3.683		ug/L		129	68 - 137
2-Chloronaphthalene	2.86	2.262		ug/L		79	10 - 130
2-Methylnaphthalene	2.86	1.866		ug/L		65	25 - 175
2-Methylphenol	2.86	2.979		ug/L		104	14 - 176
2-Nitroaniline	2.86	4.005	*+	ug/L		140	59 - 130
2-Nitrophenol	2.86	3.406		ug/L		119	45 - 167
3 & 4 Methylphenol	2.86	2.366		ug/L		83	22 - 130
3-Nitroaniline	2.86	2.783		ug/L		97	30 - 130
4,6-Dinitro-2-methylphenol	2.86	2.489		ug/L		87	10 - 130
4-Bromophenyl phenyl ether	2.86	3.700	*+	ug/L		130	65 - 120
4-Chloro-3-methylphenol	2.86	3.342		ug/L		117	41 - 128
4-Chloroaniline	2.86	2.024		ug/L		71	30 - 130
4-Chlorophenyl phenyl ether	2.86	3.414		ug/L		119	38 - 145
4-Nitroaniline	2.86	3.606	I *+	ug/L		126	42 - 125
Acenaphthene	2.86	2.796		ug/L		98	60 - 132
Acenaphthylene	2.86	2.791		ug/L		98	54 - 126
Aniline	2.86	1.837		ug/L		64	15 - 130
Anthracene	2.86	3.607		ug/L		126	43 - 135
Benzo[a]anthracene	2.86	3.454		ug/L		121	42 - 133
Benzo[a]pyrene	2.86	3.250		ug/L		114	32 - 148
Benzo[b]fluoranthene	2.86	3.517		ug/L		123	42 - 140
Benzo[g,h,i]perylene	2.86	3.109		ug/L		109	25 - 195
Benzo[k]fluoranthene	2.86	3.523		ug/L		123	25 - 146
Benzyl alcohol	2.86	1.756		ug/L		61	57 - 130
Bis(2-chloroethoxy)methane	2.86	3.587		ug/L		126	49 - 165
Bis(2-chloroethyl)ether	2.86	3.890	*+	ug/L		136	43 - 126
Bis(2-ethylhexyl) phthalate	2.86	3.783		ug/L		132	29 - 137
Butyl benzyl phthalate	2.86	3.610		ug/L		126	28 - 130
Chrysene	2.86	3.172		ug/L		111	47 - 130
Dibenz(a,h)anthracene	2.86	3.221		ug/L		113	32 - 200
Dibenzofuran	2.86	3.895	*+	ug/L		136	48 - 130
Diethyl phthalate	2.86	3.391		ug/L		119	53 - 120
Dimethyl phthalate	2.86	3.808	*+	ug/L		133	67 - 120
Di-n-butyl phthalate	2.86	3.724	*+	ug/L		130	8 - 120
Di-n-octyl phthalate	2.86	4.371		ug/L		153	19 - 200
Fluoranthene	2.86	3.354		ug/L		117	43 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199539/2-A
Matrix: Water
Analysis Batch: 200733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199539

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluorene	2.86	3.429		ug/L		120	70 - 130
Hexachlorobenzene	2.86	3.093		ug/L		108	8 - 142
Hexachlorobutadiene	2.86	0.7111		ug/L		25	10 - 130
Hexachlorocyclopentadiene	2.86	1.486		ug/L		52	10 - 130
Hexachloroethane	2.86	0.8061		ug/L		28	10 - 130
Indeno[1,2,3-cd]pyrene	2.86	3.198		ug/L		112	29 - 151
Isophorone	2.86	3.737		ug/L		131	47 - 180
Naphthalene	2.86	2.428		ug/L		85	36 - 120
Nitrobenzene	2.86	3.370		ug/L		118	54 - 130
N-Nitrosodi-n-propylamine	2.86	4.363		ug/L		153	14 - 198
N-Nitrosodiphenylamine	2.86	4.422	*+	ug/L		155	40 - 127
Pentachlorophenol	2.86	2.933		ug/L		103	38 - 152
Phenanthrene	2.86	3.782	*+	ug/L		132	65 - 120
Phenol	2.86	1.413	J	ug/L		49	17 - 120
Pyrene	2.86	3.459		ug/L		121	70 - 130
Pyridine	2.86	2.046	J	ug/L		72	1 - 126
N-Nitro-o-toluidine	2.86	3.455		ug/L		121	47 - 130
2,3,4,6-Tetrachlorophenol	2.86	2.604		ug/L		91	33 - 132
Acetophenone	2.86	3.371		ug/L		118	58 - 130
N-Nitrosopiperidine	2.86	3.086		ug/L		108	54 - 130
Pentachlorobenzene	2.86	2.319		ug/L		81	47 - 130
Diphenyl ether	2.86	2.551		ug/L		89	61 - 130
1,1'-Biphenyl	2.86	2.469		ug/L		86	52 - 130
4-Aminobiphenyl	2.86	3.477		ug/L		122	35 - 130
1,2,4,5-Tetrachlorobenzene	2.86	1.398	*-	ug/L		49	52 - 130
1,3,5-Trinitrobenzene	2.86	4.589	*+	ug/L		161	42 - 130
1,3-Dinitrobenzene	2.86	3.887	*+	ug/L		136	54 - 130
1,4-Naphthoquinone	2.86	2.482		ug/L		87	34 - 130
1-Naphthylamine	2.86	2.105		ug/L		74	40 - 130
2,6-Dichlorophenol	2.86	2.563		ug/L		90	40 - 130
2-Acetylaminofluorene	2.86	5.975	*+	ug/L		209	50 - 150
2-Chlorophenol	2.86	3.444	*+	ug/L		121	36 - 120
2-Naphthylamine	2.86	2.632		ug/L		92	30 - 130
2-Picoline	2.86	1.395		ug/L		49	22 - 130
2-Toluidine	2.86	1.933		ug/L		68	30 - 130
3,3'-Dichlorobenzidine	2.86	4.004		ug/L		140	20 - 150
3,3'-Dimethylbenzidine	2.86	2.127		ug/L		74	30 - 130
3-Methylcholanthrene	2.86	3.398		ug/L		119	53 - 130
4-Nitroquinoline-1-oxide	2.86	3.786	*+	ug/L		132	39 - 130
7,12-Dimethylbenz(a)anthracene	2.86	3.615		ug/L		127	63 - 130
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U *-	ug/L		0	20 - 130
Aramite Peak 1	1.43	2.681	*+	ug/L		188	69 - 130
Aramite Peak 2	1.43	2.072	*+	ug/L		145	65 - 130
Diallate Peak 1	2.11	3.018	*+	ug/L		143	69 - 130
Diallate Peak 2	0.743	1.129	*+	ug/L		152	67 - 130
Ethyl methanesulfonate	2.86	2.044		ug/L		72	54 - 130
Hexachloropropene	2.86	0.8136	*-	ug/L		28	37 - 130
Isosafrole Peak 1	0.457	0.4832	J	ug/L		106	54 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199539/2-A
Matrix: Water
Analysis Batch: 200733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199539

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Isosafrole Peak 2			2.40	2.624		ug/L		109	62 - 130		
Methyl methanesulfonate			2.86	1.078		ug/L		38	30 - 130		
N-Nitrosodiethylamine			2.86	2.974		ug/L		104	54 - 130		
N-Nitrosodimethylamine			2.86	0.7418	*-	ug/L		26	28 - 126		
N-Nitrosodi-n-butylamine			2.86	3.700		ug/L		130	58 - 130		
N-Nitrosomethylethylamine			2.86	1.954		ug/L		68	45 - 130		
N-Nitrosomorpholine			2.86	1.481		ug/L		52	37 - 130		
N-Nitrosopyrrolidine			2.86	1.920		ug/L		67	47 - 130		
p-Dimethylamino azobenzene			2.86	4.221	*+	ug/L		148	61 - 130		
Pentachloronitrobenzene			2.86	4.785	*+	ug/L		167	56 - 130		
Phenacetin			2.86	4.028	*+	ug/L		141	70 - 130		
p-Phenylene diamine			2.86	<0.500	U *-	ug/L		0	3 - 120		
Pronamide			2.86	5.171	*+	ug/L		181	70 - 130		
Safrole, Total			2.86	2.837		ug/L		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*180*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*137*	*S1+*	*43 - 130*
2-Fluorophenol (Surr)	*59*		*19 - 120*
Nitrobenzene-d5 (Surr)	*131*		*37 - 133*
Phenol-d5 (Surr)	*39*		*8 - 124*
p-Terphenyl-d14	*122*		*47 - 130*

Lab Sample ID: LCSD 860-199539/25-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199539

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethoate			2.86	10.74	*+	ug/L		376	45 - 138	8	30
Dinoseb			5.71	13.34	*+	ug/L		233	49 - 130	13	30
Disulfoton			5.71	10.88	*+	ug/L		190	38 - 134	6	30
Ethyl Parathion			2.86	11.66	*+	ug/L		408	25 - 173	3	30
Famphur			2.86	6.717	*+	ug/L		235	43 - 142	10	30
Methapyrilene			5.71	26.93	E *+	ug/L		471	70 - 183	7	30
Methyl parathion			5.71	12.77	*+	ug/L		224	26 - 159	11	30
o,o',o''-Triethylphosphorothioate			2.86	4.192	*+ *1	ug/L		147	43 - 130	162	30
Phorate			5.71	9.301	*+	ug/L		163	37 - 140	0	30
Sulfotepp			2.86	10.20	*+	ug/L		357	28 - 158	8	30
Thionazin			2.86	5.734	*+	ug/L		201	50 - 150	16	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*125*		*35 - 130*
2-Fluorobiphenyl	*117*		*43 - 130*
2-Fluorophenol (Surr)	*65*		*19 - 120*
Nitrobenzene-d5 (Surr)	*120*		*37 - 133*
Phenol-d5 (Surr)	*47*		*8 - 124*
p-Terphenyl-d14	*129*		*47 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199539/3-A
Matrix: Water
Analysis Batch: 200733

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199539

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			2.86	1.361		ug/L		48	32 - 130	0	30
1,2-Dichlorobenzene			2.86	1.452		ug/L		51	32 - 130	4	30
1,3-Dichlorobenzene			2.86	1.257		ug/L		44	26 - 130	5	30
1,4-Dichlorobenzene			2.86	1.432		ug/L		50	28 - 130	8	30
2,2'-oxybis[1-chloropropane]			2.86	4.013	I	ug/L		140	10 - 173	4	30
2,4,5-Trichlorophenol			2.86	2.940		ug/L		103	35 - 130	4	30
2,4,6-Trichlorophenol			2.86	2.534		ug/L		89	52 - 129	1	30
2,4-Dichlorophenol			2.86	2.927		ug/L		102	53 - 122	1	30
2,4-Dimethylphenol			2.86	3.977	*+	ug/L		139	42 - 120	3	30
1,4-Dioxane			2.86	1.020		ug/L		36	27 - 130	6	30
2,4-Dinitrophenol			2.86	2.365	J	ug/L		83	12 - 173	7	30
2,4-Dinitrotoluene			2.86	4.630	*+	ug/L		162	48 - 127	1	30
2,6-Dinitrotoluene			2.86	3.795		ug/L		133	68 - 137	3	30
2-Chloronaphthalene			2.86	2.440		ug/L		85	10 - 130	8	30
2-Methylnaphthalene			2.86	1.904		ug/L		67	25 - 175	2	30
2-Methylphenol			2.86	3.073		ug/L		108	14 - 176	3	30
2-Nitroaniline			2.86	4.199	*+	ug/L		147	59 - 130	5	30
2-Nitrophenol			2.86	3.400		ug/L		119	45 - 167	0	30
3 & 4 Methylphenol			2.86	2.641		ug/L		92	22 - 130	11	30
3-Nitroaniline			2.86	2.679		ug/L		94	30 - 130	4	30
4,6-Dinitro-2-methylphenol			2.86	2.514		ug/L		88	10 - 130	1	30
4-Bromophenyl phenyl ether			2.86	3.583	*+	ug/L		125	65 - 120	3	30
4-Chloro-3-methylphenol			2.86	3.406		ug/L		119	41 - 128	2	30
4-Chloroaniline			2.86	2.148		ug/L		75	30 - 130	6	30
4-Chlorophenyl phenyl ether			2.86	3.226		ug/L		113	38 - 145	6	30
4-Nitroaniline			2.86	3.539		ug/L		124	42 - 125	2	30
Acenaphthene			2.86	2.820		ug/L		99	60 - 132	1	30
Acenaphthylene			2.86	2.844		ug/L		100	54 - 126	2	30
Aniline			2.86	1.829		ug/L		64	15 - 130	0	30
Anthracene			2.86	3.461		ug/L		121	43 - 135	4	30
Benzo[a]anthracene			2.86	3.467		ug/L		121	42 - 133	0	30
Benzo[a]pyrene			2.86	3.458		ug/L		121	32 - 148	6	30
Benzo[b]fluoranthene			2.86	3.511		ug/L		123	42 - 140	0	30
Benzo[g,h,i]perylene			2.86	3.173		ug/L		111	25 - 195	2	30
Benzo[k]fluoranthene			2.86	3.304		ug/L		116	25 - 146	6	30
Benzyl alcohol			2.86	1.857		ug/L		65	57 - 130	6	30
Bis(2-chloroethoxy)methane			2.86	3.659		ug/L		128	49 - 165	2	30
Bis(2-chloroethyl)ether			2.86	4.174	*+	ug/L		146	43 - 126	7	30
Bis(2-ethylhexyl) phthalate			2.86	3.649		ug/L		128	29 - 137	4	30
Butyl benzyl phthalate			2.86	3.478		ug/L		122	28 - 130	4	30
Chrysene			2.86	3.087		ug/L		108	47 - 130	3	30
Dibenz(a,h)anthracene			2.86	3.356		ug/L		117	32 - 200	4	30
Dibenzofuran			2.86	3.636		ug/L		127	48 - 130	7	30
Diethyl phthalate			2.86	3.380		ug/L		118	53 - 120	0	30
Dimethyl phthalate			2.86	3.965	*+	ug/L		139	67 - 120	4	30
Di-n-butyl phthalate			2.86	3.688	*+	ug/L		129	8 - 120	1	30
Di-n-octyl phthalate			2.86	4.111		ug/L		144	19 - 200	6	30
Fluoranthene			2.86	3.323		ug/L		116	43 - 130	1	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199539/3-A
Matrix: Water
Analysis Batch: 200733

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199539

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluorene	2.86	3.453		ug/L		121	70 - 130	1	30
Hexachlorobenzene	2.86	3.090		ug/L		108	8 - 142	0	30
Hexachlorobutadiene	2.86	0.6930		ug/L		24	10 - 130	3	30
Hexachlorocyclopentadiene	2.86	1.509		ug/L		53	10 - 130	2	30
Hexachloroethane	2.86	0.8548		ug/L		30	10 - 130	6	30
Indeno[1,2,3-cd]pyrene	2.86	3.319		ug/L		116	29 - 151	4	30
Isophorone	2.86	3.712		ug/L		130	47 - 180	1	30
Naphthalene	2.86	2.446		ug/L		86	36 - 120	1	30
Nitrobenzene	2.86	3.611		ug/L		126	54 - 130	7	30
N-Nitrosodi-n-propylamine	2.86	5.000		ug/L		175	14 - 198	14	30
N-Nitrosodiphenylamine	2.86	4.360	*+	ug/L		153	40 - 127	1	30
Pentachlorophenol	2.86	3.028		ug/L		106	38 - 152	3	30
Phenanthrene	2.86	3.721	*+	ug/L		130	65 - 120	2	30
Phenol	2.86	1.520	J	ug/L		53	17 - 120	7	30
Pyrene	2.86	3.427		ug/L		120	70 - 130	1	30
Pyridine	2.86	1.951	J	ug/L		68	1 - 126	5	30
N-Nitro-o-toluidine	2.86	3.551		ug/L		124	47 - 130	3	30
2,3,4,6-Tetrachlorophenol	2.86	2.693		ug/L		94	33 - 132	3	30
Acetophenone	2.86	3.515		ug/L		123	58 - 130	4	30
N-Nitrosopiperidine	2.86	3.048		ug/L		107	54 - 130	1	30
Pentachlorobenzene	2.86	2.313		ug/L		81	47 - 130	0	30
Diphenyl ether	2.86	2.728		ug/L		95	61 - 130	7	30
1,1'-Biphenyl	2.86	2.465		ug/L		86	52 - 130	0	30
4-Aminobiphenyl	2.86	3.260		ug/L		114	35 - 130	6	30
1,2,4,5-Tetrachlorobenzene	2.86	1.455	*-	ug/L		51	52 - 130	4	30
1,3,5-Trinitrobenzene	2.86	4.352	*+	ug/L		152	42 - 130	5	30
1,3-Dinitrobenzene	2.86	4.124	*+	ug/L		144	54 - 130	6	30
1,4-Naphthoquinone	2.86	2.425		ug/L		85	34 - 130	2	30
1-Naphthylamine	2.86	2.251		ug/L		79	40 - 130	7	30
2,6-Dichlorophenol	2.86	2.594		ug/L		91	40 - 130	1	30
2-Acetylaminofluorene	2.86	5.895	*+	ug/L		206	50 - 150	1	30
2-Chlorophenol	2.86	3.649	*+	ug/L		128	36 - 120	6	30
2-Naphthylamine	2.86	2.376		ug/L		83	30 - 130	10	30
2-Picoline	2.86	1.510		ug/L		53	22 - 130	8	30
2-Toluidine	2.86	1.802		ug/L		63	30 - 130	7	30
3,3'-Dichlorobenzidine	2.86	4.105		ug/L		144	20 - 150	2	30
3,3'-Dimethylbenzidine	2.86	1.962		ug/L		69	30 - 130	8	30
3-Methylcholanthrene	2.86	3.495		ug/L		122	53 - 130	3	30
4-Nitroquinoline-1-oxide	2.86	3.737	*+	ug/L		131	39 - 130	1	30
7,12-Dimethylbenz(a)anthracene	2.86	3.498		ug/L		122	63 - 130	3	30
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U *1	ug/L		37	20 - 130	200	30
Aramite Peak 1	1.43	2.686	*+	ug/L		188	69 - 130	0	30
Aramite Peak 2	1.43	2.063	*+	ug/L		144	65 - 130	0	30
Diallate Peak 1	2.11	3.384	*+	ug/L		160	69 - 130	11	30
Diallate Peak 2	0.743	1.158	*+	ug/L		156	67 - 130	3	30
Ethyl methanesulfonate	2.86	2.172		ug/L		76	54 - 130	6	30
Hexachloropropene	2.86	0.8116	*-	ug/L		28	37 - 130	0	30
Isosafrole Peak 1	0.457	0.4811	J	ug/L		105	54 - 130	0	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199539/3-A
Matrix: Water
Analysis Batch: 200733

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199539

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isosafrole Peak 2			2.40	2.719		ug/L		113	62 - 130	4	30
Methyl methanesulfonate			2.86	1.145		ug/L		40	30 - 130	6	30
N-Nitrosodiethylamine			2.86	3.180		ug/L		111	54 - 130	7	30
N-Nitrosodimethylamine			2.86	0.7589	*-	ug/L		27	28 - 126	2	30
N-Nitrosodi-n-butylamine			2.86	3.809	*+	ug/L		133	58 - 130	3	30
N-Nitrosomethylethylamine			2.86	2.062		ug/L		72	45 - 130	5	30
N-Nitrosomorpholine			2.86	1.617		ug/L		57	37 - 130	9	30
N-Nitrosopyrrolidine			2.86	1.753		ug/L		61	47 - 130	9	30
p-Dimethylamino azobenzene			2.86	4.074	*+	ug/L		143	61 - 130	4	30
Pentachloronitrobenzene			2.86	4.354	*+	ug/L		152	56 - 130	9	30
Phenacetin			2.86	3.918	*+	ug/L		137	70 - 130	3	30
p-Phenylene diamine			2.86	<0.500	U *-	ug/L		0	3 - 120	NC	30
Pronamide			2.86	5.205	*+	ug/L		182	70 - 130	1	30
Safrole, Total			2.86	2.998		ug/L		105	70 - 130	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*170*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*132*	*S1+*	*43 - 130*
2-Fluorophenol (Surr)	*62*		*19 - 120*
Nitrobenzene-d5 (Surr)	*131*		*37 - 133*
Phenol-d5 (Surr)	*43*		*8 - 124*
p-Terphenyl-d14	*123*		*47 - 130*

Lab Sample ID: MB 860-204625/1-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 204625

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,4-Dimethylphenol	<0.192	U	0.571	0.192	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		12/11/24 04:48	12/13/24 21:39	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		12/11/24 04:48	12/13/24 21:39	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		12/11/24 04:48	12/13/24 21:39	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-204625/1-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 204625

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		12/11/24 04:48	12/13/24 21:39	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		12/11/24 04:48	12/13/24 21:39	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		12/11/24 04:48	12/13/24 21:39	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		12/11/24 04:48	12/13/24 21:39	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		12/11/24 04:48	12/13/24 21:39	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		12/11/24 04:48	12/13/24 21:39	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		12/11/24 04:48	12/13/24 21:39	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		12/11/24 04:48	12/13/24 21:39	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		12/11/24 04:48	12/13/24 21:39	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		12/11/24 04:48	12/13/24 21:39	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		12/11/24 04:48	12/13/24 21:39	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		12/11/24 04:48	12/13/24 21:39	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		12/11/24 04:48	12/13/24 21:39	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		12/11/24 04:48	12/13/24 21:39	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		12/11/24 04:48	12/13/24 21:39	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		12/11/24 04:48	12/13/24 21:39	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		12/11/24 04:48	12/13/24 21:39	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		12/11/24 04:48	12/13/24 21:39	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		12/11/24 04:48	12/13/24 21:39	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		12/11/24 04:48	12/13/24 21:39	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		12/11/24 04:48	12/13/24 21:39	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		12/11/24 04:48	12/13/24 21:39	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		12/11/24 04:48	12/13/24 21:39	1
Fluorene	<0.0948	U	0.571	0.0948	ug/L		12/11/24 04:48	12/13/24 21:39	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		12/11/24 04:48	12/13/24 21:39	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		12/11/24 04:48	12/13/24 21:39	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		12/11/24 04:48	12/13/24 21:39	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		12/11/24 04:48	12/13/24 21:39	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		12/11/24 04:48	12/13/24 21:39	1
Isophorone	<0.107	U	0.571	0.107	ug/L		12/11/24 04:48	12/13/24 21:39	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		12/11/24 04:48	12/13/24 21:39	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		12/11/24 04:48	12/13/24 21:39	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		12/11/24 04:48	12/13/24 21:39	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		12/11/24 04:48	12/13/24 21:39	1
Phenol	<0.448	U	2.86	0.448	ug/L		12/11/24 04:48	12/13/24 21:39	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		12/11/24 04:48	12/13/24 21:39	1
Pyridine	<1.44	U	2.86	1.44	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		12/11/24 04:48	12/13/24 21:39	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		12/11/24 04:48	12/13/24 21:39	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		12/11/24 04:48	12/13/24 21:39	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-204625/1-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 204625

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		12/11/24 04:48	12/13/24 21:39	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		12/11/24 04:48	12/13/24 21:39	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		12/11/24 04:48	12/13/24 21:39	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		12/11/24 04:48	12/13/24 21:39	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		12/11/24 04:48	12/13/24 21:39	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		12/11/24 04:48	12/13/24 21:39	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		12/11/24 04:48	12/13/24 21:39	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		12/11/24 04:48	12/13/24 21:39	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		12/11/24 04:48	12/13/24 21:39	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		12/11/24 04:48	12/13/24 21:39	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		12/11/24 04:48	12/13/24 21:39	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		12/11/24 04:48	12/13/24 21:39	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		12/11/24 04:48	12/13/24 21:39	1
Dimethoate	<0.122	U	0.571	0.122	ug/L		12/11/24 04:48	12/13/24 21:39	1
Dinoseb	<0.570	U	2.86	0.570	ug/L		12/11/24 04:48	12/13/24 21:39	1
Disulfoton	<0.203	U	0.571	0.203	ug/L		12/11/24 04:48	12/13/24 21:39	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		12/11/24 04:48	12/13/24 21:39	1
Ethyl Parathion	<0.0502	U	0.229	0.0502	ug/L		12/11/24 04:48	12/13/24 21:39	1
Famphur	<0.151	U	1.14	0.151	ug/L		12/11/24 04:48	12/13/24 21:39	1
Hexachloropropene	<0.300	U	0.571	0.300	ug/L		12/11/24 04:48	12/13/24 21:39	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		12/11/24 04:48	12/13/24 21:39	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		12/11/24 04:48	12/13/24 21:39	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		12/11/24 04:48	12/13/24 21:39	1
Methapyrilene	<1.00	U	2.29	1.00	ug/L		12/11/24 04:48	12/13/24 21:39	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		12/11/24 04:48	12/13/24 21:39	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		12/11/24 04:48	12/13/24 21:39	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		12/11/24 04:48	12/13/24 21:39	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		12/11/24 04:48	12/13/24 21:39	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		12/11/24 04:48	12/13/24 21:39	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		12/11/24 04:48	12/13/24 21:39	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-204625/1-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 204625

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phorate	<0.221	U	0.571	0.221	ug/L		12/11/24 04:48	12/13/24 21:39	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		12/11/24 04:48	12/13/24 21:39	1
Pronamide	<0.100	U	0.571	0.100	ug/L		12/11/24 04:48	12/13/24 21:39	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		12/11/24 04:48	12/13/24 21:39	1
Sulfotepp	<0.147	U	0.571	0.147	ug/L		12/11/24 04:48	12/13/24 21:39	1
Thionazin	<0.208	U	1.14	0.208	ug/L		12/11/24 04:48	12/13/24 21:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*96*		*35 - 130*	*12/11/24 04:48*	*12/13/24 21:39*	*1*
2-Fluorobiphenyl	*101*		*43 - 130*	*12/11/24 04:48*	*12/13/24 21:39*	*1*
2-Fluorophenol (Surr)	*62*		*19 - 120*	*12/11/24 04:48*	*12/13/24 21:39*	*1*
Nitrobenzene-d5 (Surr)	*117*		*37 - 133*	*12/11/24 04:48*	*12/13/24 21:39*	*1*
Phenol-d5 (Surr)	*36*		*8 - 124*	*12/11/24 04:48*	*12/13/24 21:39*	*1*
p-Terphenyl-d14	*147*	*S1+*	*47 - 130*	*12/11/24 04:48*	*12/13/24 21:39*	*1*

Lab Sample ID: LCS 860-204625/2-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	5.71	4.233		ug/L		74	32 - 130
1,2-Dichlorobenzene	5.71	4.467		ug/L		78	32 - 130
1,3-Dichlorobenzene	5.71	4.451		ug/L		78	26 - 130
1,4-Dichlorobenzene	5.71	4.444		ug/L		78	28 - 130
2,2'-oxybis[1-chloropropane]	5.71	6.727	I	ug/L		118	10 - 173
2,4,5-Trichlorophenol	5.71	6.941		ug/L		121	35 - 130
2,4,6-Trichlorophenol	5.71	6.862		ug/L		120	52 - 129
2,4-Dichlorophenol	5.71	6.554		ug/L		115	53 - 122
2,4-Dimethylphenol	5.71	10.42	*+	ug/L		182	42 - 120
1,4-Dioxane	5.71	2.024		ug/L		35	27 - 130
2,4-Dinitrophenol	5.71	3.022		ug/L		53	12 - 173
2,4-Dinitrotoluene	5.71	4.851		ug/L		85	48 - 127
2,6-Dinitrotoluene	5.71	5.840		ug/L		102	68 - 137
2-Chloronaphthalene	5.71	5.758		ug/L		101	10 - 130
2-Methylnaphthalene	5.71	4.665		ug/L		82	25 - 175
2-Methylphenol	5.71	5.864		ug/L		103	14 - 176
2-Nitroaniline	5.71	5.513		ug/L		96	59 - 130
2-Nitrophenol	5.71	7.254		ug/L		127	45 - 167
3 & 4 Methylphenol	5.71	5.655		ug/L		99	22 - 130
3-Nitroaniline	5.71	3.322		ug/L		58	30 - 130
4,6-Dinitro-2-methylphenol	5.71	3.925		ug/L		69	10 - 130
4-Bromophenyl phenyl ether	5.71	5.748		ug/L		101	65 - 120
4-Chloro-3-methylphenol	5.71	7.317		ug/L		128	41 - 128
4-Chloroaniline	5.71	4.019		ug/L		70	30 - 130
4-Chlorophenyl phenyl ether	5.71	5.962		ug/L		104	38 - 145
4-Nitroaniline	5.71	4.186		ug/L		73	42 - 125
Acenaphthene	5.71	5.731		ug/L		100	60 - 132
Acenaphthylene	5.71	6.903		ug/L		121	54 - 126

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-204625/2-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aniline	5.71	3.296		ug/L		58	15 - 130
Anthracene	5.71	7.793	*+	ug/L		136	43 - 135
Benzo[a]anthracene	5.71	8.020	*+	ug/L		140	42 - 133
Benzo[a]pyrene	5.71	6.917		ug/L		121	32 - 148
Benzo[b]fluoranthene	5.71	8.209	*+	ug/L		144	42 - 140
Benzo[g,h,i]perylene	5.71	6.718		ug/L		118	25 - 195
Benzo[k]fluoranthene	5.71	7.070		ug/L		124	25 - 146
Benzyl alcohol	5.71	3.991		ug/L		70	57 - 130
Bis(2-chloroethoxy)methane	5.71	7.460		ug/L		131	49 - 165
Bis(2-chloroethyl)ether	5.71	6.645		ug/L		116	43 - 126
Bis(2-ethylhexyl) phthalate	5.71	8.123	*+	ug/L		142	29 - 137
Butyl benzyl phthalate	5.71	6.353		ug/L		111	28 - 130
Chrysene	5.71	7.256		ug/L		127	47 - 130
Dibenz(a,h)anthracene	5.71	7.112		ug/L		124	32 - 200
Dibenzofuran	5.71	5.440		ug/L		95	48 - 130
Diethyl phthalate	5.71	6.493		ug/L		114	53 - 120
Dimethyl phthalate	5.71	6.492		ug/L		114	67 - 120
Di-n-butyl phthalate	5.71	5.982		ug/L		105	8 - 120
Di-n-octyl phthalate	5.71	8.476		ug/L		148	19 - 200
Fluoranthene	5.71	7.398		ug/L		129	43 - 130
Fluorene	5.71	6.337		ug/L		111	70 - 130
Hexachlorobenzene	5.71	6.518		ug/L		114	8 - 142
Hexachlorobutadiene	5.71	4.697		ug/L		82	10 - 130
Hexachlorocyclopentadiene	5.71	13.89	*+	ug/L		243	10 - 130
Hexachloroethane	5.71	4.759		ug/L		83	10 - 130
Indeno[1,2,3-cd]pyrene	5.71	6.762		ug/L		118	29 - 151
Isophorone	5.71	7.836		ug/L		137	47 - 180
Naphthalene	5.71	5.364		ug/L		94	36 - 120
Nitrobenzene	5.71	6.248		ug/L		109	54 - 130
N-Nitrosodi-n-propylamine	5.71	6.312		ug/L		110	14 - 198
N-Nitrosodiphenylamine	5.71	6.608		ug/L		116	40 - 127
Pentachlorophenol	5.71	5.656		ug/L		99	38 - 152
Phenanthrene	5.71	7.888	*+	ug/L		138	65 - 120
Phenol	5.71	2.525	J	ug/L		44	17 - 120
Pyrene	5.71	7.278		ug/L		127	70 - 130
Pyridine	5.71	2.148	J	ug/L		38	1 - 126
N-Nitro-o-toluidine	5.71	4.284		ug/L		75	47 - 130
2,3,4,6-Tetrachlorophenol	5.71	7.975	*+	ug/L		140	33 - 132
Acetophenone	5.71	6.558		ug/L		115	58 - 130
N-Nitrosopiperidine	5.71	6.240		ug/L		109	54 - 130
Pentachlorobenzene	5.71	5.708		ug/L		100	47 - 130
Diphenyl ether	5.71	5.934		ug/L		104	61 - 130
1,1'-Biphenyl	5.71	5.461		ug/L		96	52 - 130
4-Aminobiphenyl	5.71	4.679		ug/L		82	35 - 130
1,2,4,5-Tetrachlorobenzene	5.71	5.239		ug/L		92	52 - 130
1,3,5-Trinitrobenzene	5.71	4.105		ug/L		72	42 - 130
1,3-Dinitrobenzene	5.71	5.920		ug/L		104	54 - 130
1,4-Naphthoquinone	5.71	5.444		ug/L		95	34 - 130
1-Naphthylamine	5.71	2.656		ug/L		46	40 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-204625/2-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,6-Dichlorophenol	5.71	6.939		ug/L		121	40 - 130
2-Acetylaminofluorene	5.71	9.909	*+	ug/L		173	50 - 150
2-Chlorophenol	5.71	6.066		ug/L		106	36 - 120
2-Naphthylamine	5.71	3.687		ug/L		65	30 - 130
2-Picoline	5.71	2.311		ug/L		40	22 - 130
2-Toluidine	5.71	3.071		ug/L		54	30 - 130
3,3'-Dichlorobenzidine	5.71	6.028		ug/L		105	20 - 150
3,3'-Dimethylbenzidine	5.71	2.933		ug/L		51	30 - 130
3-Methylcholanthrene	5.71	6.983		ug/L		122	53 - 130
4-Nitroquinoline-1-oxide	5.71	4.729		ug/L		83	39 - 130
7,12-Dimethylbenz(a)anthracene	5.71	6.787		ug/L		119	63 - 130
alpha,alpha-Dimethyl phenethylamine	5.71	<3.67	U *-	ug/L		0	20 - 130
Aramite Peak 1	2.86	3.840	*+	ug/L		134	69 - 130
Aramite Peak 2	2.86	3.418		ug/L		120	65 - 130
Diallate Peak 1	4.23	4.108		ug/L		97	69 - 130
Diallate Peak 2	1.49	1.665		ug/L		112	67 - 130
Ethyl methanesulfonate	5.71	4.552		ug/L		80	54 - 130
Hexachloropropene	5.71	4.176		ug/L		73	37 - 130
Isosafrole Peak 1	0.914	0.9410		ug/L		103	54 - 130
Isosafrole Peak 2	4.80	5.285		ug/L		110	62 - 130
Methyl methanesulfonate	5.71	2.513		ug/L		44	30 - 130
N-Nitrosodiethylamine	5.71	6.120		ug/L		107	54 - 130
N-Nitrosodimethylamine	5.71	1.560	*-	ug/L		27	28 - 126
N-Nitrosodi-n-butylamine	5.71	6.868		ug/L		120	58 - 130
N-Nitrosomethylethylamine	5.71	3.966		ug/L		69	45 - 130
N-Nitrosomorpholine	5.71	2.909		ug/L		51	37 - 130
N-Nitrosopyrrolidine	5.71	3.011		ug/L		53	47 - 130
p-Dimethylamino azobenzene	5.71	6.199		ug/L		108	61 - 130
Pentachloronitrobenzene	5.71	6.324		ug/L		111	56 - 130
Phenacetin	5.71	6.227		ug/L		109	70 - 130
p-Phenylene diamine	5.71	<0.500	U *-	ug/L		0	3 - 120
Pronamide	5.71	6.667		ug/L		117	70 - 130
Safrole, Total	5.71	5.866		ug/L		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*109*		*35 - 130*
2-Fluorobiphenyl	*102*		*43 - 130*
2-Fluorophenol (Surr)	*69*		*19 - 120*
Nitrobenzene-d5 (Surr)	*123*		*37 - 133*
Phenol-d5 (Surr)	*45*		*8 - 124*
p-Terphenyl-d14	*135*	*S1+*	*47 - 130*

Lab Sample ID: LCS 860-204625/4-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-Nitro-o-toluidine	11.4	8.144		ug/L		71	47 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-204625/4-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 204625

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Dimethoate			2.86	4.319	*+	ug/L		151	45 - 138		
Dinoseb			5.71	4.399		ug/L		77	49 - 130		
Disulfoton			5.71	5.169		ug/L		90	38 - 134		
Ethyl Parathion			2.86	4.361		ug/L		153	25 - 173		
Famphur			2.86	2.521		ug/L		88	43 - 142		
Methapyrilene			5.71	5.436		ug/L		95	70 - 183		
Methyl parathion			5.71	4.471		ug/L		78	26 - 159		
o,o',o''-Triethylphosphorothioate			2.86	2.483		ug/L		87	43 - 130		
Phorate			5.71	4.758		ug/L		83	37 - 140		
Sulfotepp			2.86	4.586	*+	ug/L		161	28 - 158		
Thionazin			2.86	2.579		ug/L		90	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*84*		*35 - 130*
2-Fluorobiphenyl	*86*		*43 - 130*
2-Fluorophenol (Surr)	*53*		*19 - 120*
Nitrobenzene-d5 (Surr)	*96*		*37 - 133*
Phenol-d5 (Surr)	*33*		*8 - 124*
p-Terphenyl-d14	*100*		*47 - 130*

Lab Sample ID: LCSD 860-204625/3-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 204625

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			5.71	4.295		ug/L		75	32 - 130	1	30
1,2-Dichlorobenzene			5.71	4.784		ug/L		84	32 - 130	7	30
1,3-Dichlorobenzene			5.71	4.755		ug/L		83	26 - 130	7	30
1,4-Dichlorobenzene			5.71	4.684		ug/L		82	28 - 130	5	30
2,2'-oxybis[1-chloropropane]			5.71	6.306		ug/L		110	10 - 173	6	30
2,4,5-Trichlorophenol			5.71	7.035		ug/L		123	35 - 130	1	30
2,4,6-Trichlorophenol			5.71	6.882		ug/L		120	52 - 129	0	30
2,4-Dichlorophenol			5.71	6.563		ug/L		115	53 - 122	0	30
2,4-Dimethylphenol			5.71	10.65	*+	ug/L		186	42 - 120	2	30
1,4-Dioxane			5.71	2.185		ug/L		38	27 - 130	8	30
2,4-Dinitrophenol			5.71	2.788	J	ug/L		49	12 - 173	8	30
2,4-Dinitrotoluene			5.71	5.092		ug/L		89	48 - 127	5	30
2,6-Dinitrotoluene			5.71	5.818		ug/L		102	68 - 137	0	30
2-Chloronaphthalene			5.71	4.943		ug/L		87	10 - 130	15	30
2-Methylnaphthalene			5.71	4.496		ug/L		79	25 - 175	4	30
2-Methylphenol			5.71	6.254		ug/L		109	14 - 176	6	30
2-Nitroaniline			5.71	5.489		ug/L		96	59 - 130	0	30
2-Nitrophenol			5.71	7.084		ug/L		124	45 - 167	2	30
3 & 4 Methylphenol			5.71	5.953		ug/L		104	22 - 130	5	30
3-Nitroaniline			5.71	3.425		ug/L		60	30 - 130	3	30
4,6-Dinitro-2-methylphenol			5.71	4.156		ug/L		73	10 - 130	6	30
4-Bromophenyl phenyl ether			5.71	6.140		ug/L		107	65 - 120	7	30
4-Chloro-3-methylphenol			5.71	7.278		ug/L		127	41 - 128	1	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-204625/3-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chloroaniline	5.71	3.793		ug/L		66	30 - 130	6	30
4-Chlorophenyl phenyl ether	5.71	6.217		ug/L		109	38 - 145	4	30
4-Nitroaniline	5.71	4.341		ug/L		76	42 - 125	4	30
Acenaphthene	5.71	5.908		ug/L		103	60 - 132	3	30
Acenaphthylene	5.71	6.857		ug/L		120	54 - 126	1	30
Aniline	5.71	3.328		ug/L		58	15 - 130	1	30
Anthracene	5.71	7.957	*+	ug/L		139	43 - 135	2	30
Benzo[a]anthracene	5.71	8.264	*+	ug/L		145	42 - 133	3	30
Benzo[a]pyrene	5.71	7.004		ug/L		123	32 - 148	1	30
Benzo[b]fluoranthene	5.71	8.497	*+	ug/L		149	42 - 140	3	30
Benzo[g,h,i]perylene	5.71	6.818		ug/L		119	25 - 195	1	30
Benzo[k]fluoranthene	5.71	7.147		ug/L		125	25 - 146	1	30
Benzyl alcohol	5.71	4.221		ug/L		74	57 - 130	6	30
Bis(2-chloroethoxy)methane	5.71	7.504		ug/L		131	49 - 165	1	30
Bis(2-chloroethyl)ether	5.71	7.176		ug/L		126	43 - 126	8	30
Bis(2-ethylhexyl) phthalate	5.71	8.276	*+	ug/L		145	29 - 137	2	30
Butyl benzyl phthalate	5.71	6.254		ug/L		109	28 - 130	2	30
Chrysene	5.71	7.514	*+	ug/L		132	47 - 130	3	30
Dibenz(a,h)anthracene	5.71	7.111		ug/L		124	32 - 200	0	30
Dibenzofuran	5.71	5.643		ug/L		99	48 - 130	4	30
Diethyl phthalate	5.71	6.684		ug/L		117	53 - 120	3	30
Dimethyl phthalate	5.71	6.407		ug/L		112	67 - 120	1	30
Di-n-butyl phthalate	5.71	6.037		ug/L		106	8 - 120	1	30
Di-n-octyl phthalate	5.71	8.685		ug/L		152	19 - 200	2	30
Fluoranthene	5.71	7.369		ug/L		129	43 - 130	0	30
Fluorene	5.71	6.602		ug/L		116	70 - 130	4	30
Hexachlorobenzene	5.71	6.559		ug/L		115	8 - 142	1	30
Hexachlorobutadiene	5.71	4.489		ug/L		79	10 - 130	5	30
Hexachlorocyclopentadiene	5.71	14.03	*+	ug/L		245	10 - 130	1	30
Hexachloroethane	5.71	4.994		ug/L		87	10 - 130	5	30
Indeno[1,2,3-cd]pyrene	5.71	6.840		ug/L		120	29 - 151	1	30
Isophorone	5.71	7.565		ug/L		132	47 - 180	4	30
Naphthalene	5.71	5.563		ug/L		97	36 - 120	4	30
Nitrobenzene	5.71	6.740		ug/L		118	54 - 130	8	30
N-Nitrosodi-n-propylamine	5.71	6.593		ug/L		115	14 - 198	4	30
N-Nitrosodiphenylamine	5.71	6.914		ug/L		121	40 - 127	5	30
Pentachlorophenol	5.71	6.056		ug/L		106	38 - 152	7	30
Phenanthrene	5.71	7.836	*+	ug/L		137	65 - 120	1	30
Phenol	5.71	2.809	J	ug/L		49	17 - 120	11	30
Pyrene	5.71	7.338		ug/L		128	70 - 130	1	30
Pyridine	5.71	1.527	J *1	ug/L		27	1 - 126	34	30
N-Nitro-o-toluidine	5.71	4.433		ug/L		78	47 - 130	3	30
2,3,4,6-Tetrachlorophenol	5.71	8.825	*+	ug/L		154	33 - 132	10	30
Acetophenone	5.71	6.554		ug/L		115	58 - 130	0	30
N-Nitrosopiperidine	5.71	6.187		ug/L		108	54 - 130	1	30
Pentachlorobenzene	5.71	5.824		ug/L		102	47 - 130	2	30
Diphenyl ether	5.71	5.858		ug/L		103	61 - 130	1	30
1,1'-Biphenyl	5.71	5.390		ug/L		94	52 - 130	1	30
4-Aminobiphenyl	5.71	4.788		ug/L		84	35 - 130	2	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-204625/3-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 204625

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4,5-Tetrachlorobenzene			5.71	5.122		ug/L		90	52 - 130	2	30
1,3,5-Trinitrobenzene			5.71	4.954		ug/L		87	42 - 130	19	30
1,3-Dinitrobenzene			5.71	6.431		ug/L		113	54 - 130	8	30
1,4-Naphthoquinone			5.71	5.592		ug/L		98	34 - 130	3	30
1-Naphthylamine			5.71	2.686		ug/L		47	40 - 130	1	30
2,6-Dichlorophenol			5.71	6.900		ug/L		121	40 - 130	1	30
2-Acetylaminofluorene			5.71	10.03	*+	ug/L		175	50 - 150	1	30
2-Chlorophenol			5.71	6.559		ug/L		115	36 - 120	8	30
2-Naphthylamine			5.71	3.617		ug/L		63	30 - 130	2	30
2-Picoline			5.71	2.356		ug/L		41	22 - 130	2	30
2-Toluidine			5.71	2.913		ug/L		51	30 - 130	5	30
3,3'-Dichlorobenzidine			5.71	6.458		ug/L		113	20 - 150	7	30
3,3'-Dimethylbenzidine			5.71	2.732		ug/L		48	30 - 130	7	30
3-Methylcholanthrene			5.71	6.969		ug/L		122	53 - 130	0	30
4-Nitroquinoline-1-oxide			5.71	4.800		ug/L		84	39 - 130	1	30
7,12-Dimethylbenz(a)anthracene			5.71	6.888		ug/L		121	63 - 130	1	30
alpha,alpha-Dimethyl phenethylamine			5.71	<3.67	U *-	ug/L		0	20 - 130	NC	30
Aramite Peak 1			2.86	3.900	*+	ug/L		137	69 - 130	2	30
Aramite Peak 2			2.86	3.417		ug/L		120	65 - 130	0	30
Diallate Peak 1			4.23	4.478		ug/L		106	69 - 130	9	30
Diallate Peak 2			1.49	1.740		ug/L		117	67 - 130	4	30
Ethyl methanesulfonate			5.71	4.948		ug/L		87	54 - 130	8	30
Hexachloropropene			5.71	4.145		ug/L		73	37 - 130	1	30
Isosafrole Peak 1			0.914	0.9670		ug/L		106	54 - 130	3	30
Isosafrole Peak 2			4.80	5.074		ug/L		106	62 - 130	4	30
Methyl methanesulfonate			5.71	2.648		ug/L		46	30 - 130	5	30
N-Nitrosodiethylamine			5.71	6.676		ug/L		117	54 - 130	9	30
N-Nitrosodimethylamine			5.71	1.722		ug/L		30	28 - 126	10	30
N-Nitrosodi-n-butylamine			5.71	6.978		ug/L		122	58 - 130	2	30
N-Nitrosomethylethylamine			5.71	4.418		ug/L		77	45 - 130	11	30
N-Nitrosomorpholine			5.71	3.204		ug/L		56	37 - 130	10	30
N-Nitrosopyrrolidine			5.71	3.479		ug/L		61	47 - 130	14	30
p-Dimethylamino azobenzene			5.71	6.456		ug/L		113	61 - 130	4	30
Pentachloronitrobenzene			5.71	6.412		ug/L		112	56 - 130	1	30
Phenacetin			5.71	6.542		ug/L		114	70 - 130	5	30
p-Phenylene diamine			5.71	<0.500	U *-	ug/L		0	3 - 120	NC	30
Pronamide			5.71	7.070		ug/L		124	70 - 130	6	30
Safrole, Total			5.71	5.856		ug/L		102	70 - 130	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*103*		*35 - 130*
2-Fluorobiphenyl	*105*		*43 - 130*
2-Fluorophenol (Surr)	*74*		*19 - 120*
Nitrobenzene-d5 (Surr)	*124*		*37 - 133*
Phenol-d5 (Surr)	*48*		*8 - 124*
p-Terphenyl-d14	*138*	*S1+*	*47 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-204625/5-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 204625

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-Nitro-o-toluidine			11.4	8.835		ug/L		77	47 - 130	8	30
Dimethoate			2.86	4.865	*+	ug/L		170	45 - 138	12	30
Dinoseb			5.71	4.857		ug/L		85	49 - 130	10	30
Disulfoton			5.71	5.569		ug/L		97	38 - 134	7	30
Ethyl Parathion			2.86	4.643		ug/L		163	25 - 173	6	30
Famphur			2.86	2.668		ug/L		93	43 - 142	6	30
Methapyrilene			5.71	5.664		ug/L		99	70 - 183	4	30
Methyl parathion			5.71	4.791		ug/L		84	26 - 159	7	30
o,o',o''-Triethylphosphorothioate			2.86	2.688		ug/L		94	43 - 130	8	30
Phorate			5.71	5.273		ug/L		92	37 - 140	10	30
Sulfotepp			2.86	5.361	*+	ug/L		188	28 - 158	16	30
Thionazin			2.86	2.965		ug/L		104	50 - 150	14	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*90*		*35 - 130*
2-Fluorobiphenyl	*90*		*43 - 130*
2-Fluorophenol (Surr)	*59*		*19 - 120*
Nitrobenzene-d5 (Surr)	*102*		*37 - 133*
Phenol-d5 (Surr)	*37*		*8 - 124*
p-Terphenyl-d14	*100*		*47 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Lab Sample ID: 860-86937-G-6-B MS
Matrix: Water
Analysis Batch: 205491

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene - RE	<0.0767	U	5.72	3.781		ug/L		66	44 - 142
1,2-Dichlorobenzene - RE	0.151	J	5.72	4.223		ug/L		71	51 - 130
1,3-Dichlorobenzene - RE	<0.102	U	5.72	4.002		ug/L		70	47 - 130
1,4-Dichlorobenzene - RE	0.242	J	5.72	4.176		ug/L		69	46 - 130
2,2'-oxybis[1-chloropropane] - RE	<1.43	U	5.72	5.402		ug/L		94	36 - 166
2,4,5-Trichlorophenol - RE	<0.143	U F1	5.72	7.981	F1	ug/L		139	35 - 130
2,4,6-Trichlorophenol - RE	<0.231	U	5.72	7.989		ug/L		140	37 - 144
2,4-Dichlorophenol - RE	<0.140	U	5.72	6.599		ug/L		115	39 - 135
2,4-Dimethylphenol - RE	<0.192	U *+ F1	5.72	10.46	F1	ug/L		183	32 - 120
1,4-Dioxane - RE	7.16	F1	5.72	6.986	F1	ug/L		-3	28 - 130
2,4-Dinitrophenol - RE	<0.104	U	5.72	3.825		ug/L		67	26 - 191
2,4-Dinitrotoluene - RE	<0.205	U	5.72	4.829		ug/L		84	39 - 139
2,6-Dinitrotoluene - RE	<0.116	U	5.72	6.267		ug/L		110	50 - 158
2-Chloronaphthalene - RE	<0.379	U	5.72	5.078		ug/L		89	60 - 120
2-Methylnaphthalene - RE	<0.0603	U	5.72	3.892		ug/L		68	25 - 175
2-Methylphenol - RE	<0.105	U	5.72	5.679		ug/L		99	14 - 176
2-Nitroaniline - RE	<0.149	U	5.72	5.915		ug/L		103	59 - 130
2-Nitrophenol - RE	<0.136	U	5.72	6.826		ug/L		119	29 - 182
3 & 4 Methylphenol - RE	<0.139	U	5.72	5.056		ug/L		88	22 - 130
3-Nitroaniline - RE	<0.0854	U	5.72	3.604		ug/L		63	30 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Lab Sample ID: 860-86937-G-6-B MS
Matrix: Water
Analysis Batch: 205491

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol - RE	<0.202	U	5.72	4.829		ug/L		84	25 - 181
4-Bromophenyl phenyl ether - RE	<0.100	U	5.72	4.945		ug/L		86	53 - 127
4-Chloro-3-methylphenol - RE	<0.104	U	5.72	6.433		ug/L		112	22 - 147
4-Chloroaniline - RE	<0.0386	U	5.72	3.453		ug/L		60	30 - 130
4-Chlorophenyl phenyl ether - RE	<0.131	U	5.72	4.859		ug/L		85	25 - 158
4-Nitroaniline - RE	<0.109	U	5.72	4.098		ug/L		72	53 - 130
Acenaphthene - RE	0.582		5.72	5.752		ug/L		90	47 - 145
Acenaphthylene - RE	<0.0998	U	5.72	7.255		ug/L		127	33 - 145
Aniline - RE	<0.0580	U	5.72	2.624		ug/L		46	20 - 130
Anthracene - RE	<0.0939	U *+	5.72	6.908		ug/L		121	27 - 133
Benzo[a]anthracene - RE	<0.0286	U *+	5.72	7.442		ug/L		130	33 - 143
Benzo[a]pyrene - RE	<0.0300	U	5.72	6.309		ug/L		110	17 - 163
Benzo[b]fluoranthene - RE	<0.0665	U *+	5.72	6.869		ug/L		120	24 - 159
Benzo[g,h,i]perylene - RE	<0.0346	U	5.72	5.562		ug/L		97	25 - 219
Benzo[k]fluoranthene - RE	<0.0473	U	5.72	6.177		ug/L		108	11 - 162
Benzyl alcohol - RE	<0.601	U	5.72	3.348		ug/L		59	57 - 130
Bis(2-chloroethoxy)methane - RE	<0.0976	U	5.72	6.360		ug/L		111	33 - 184
Bis(2-chloroethyl)ether - RE	0.636		5.72	6.346		ug/L		100	12 - 158
Bis(2-ethylhexyl) phthalate - RE	<0.901	U *+	5.72	8.724		ug/L		152	8 - 158
Butyl benzyl phthalate - RE	<0.501	U	5.72	7.355		ug/L		129	70 - 152
Chrysene - RE	<0.0817	U *+	5.72	6.426		ug/L		112	17 - 168
Dibenz(a,h)anthracene - RE	<0.0510	U	5.72	5.891		ug/L		103	32 - 227
Dibenzofuran - RE	<0.107	U	5.72	4.407		ug/L		77	48 - 130
Diethyl phthalate - RE	<0.155	U	5.72	5.690		ug/L		99	25 - 120
Dimethyl phthalate - RE	<0.108	U	5.72	6.431		ug/L		112	25 - 120
Di-n-butyl phthalate - RE	<0.766	U	5.72	5.718		ug/L		100	1 - 120
Di-n-octyl phthalate - RE	<0.270	U F1	5.72	11.12	F1	ug/L		194	4 - 146
Fluoranthene - RE	<0.0884	U	5.72	7.310		ug/L		128	26 - 137
Fluorene - RE	<0.0950	U	5.72	5.399		ug/L		94	59 - 121
Hexachlorobenzene - RE	<0.0976	U	5.72	6.018		ug/L		105	8 - 152
Hexachlorobutadiene - RE	<0.103	U	5.72	3.647		ug/L		64	24 - 120
Hexachlorocyclopentadiene - RE	<0.0513	U *+ F1	5.72	8.893	F1	ug/L		155	30 - 130
Hexachloroethane - RE	<0.102	U	5.72	3.738		ug/L		65	40 - 120
Indeno[1,2,3-cd]pyrene - RE	<0.100	U	5.72	6.024		ug/L		105	29 - 171
Isophorone - RE	<0.107	U	5.72	5.826		ug/L		102	21 - 196
Naphthalene - RE	<0.0946	U	5.72	5.306		ug/L		93	21 - 133
Nitrobenzene - RE	<0.0737	U	5.72	6.052		ug/L		106	35 - 180
N-Nitrosodi-n-propylamine - RE	<0.119	U	5.72	6.879		ug/L		120	14 - 230
N-Nitrosodiphenylamine - RE	<0.145	U	5.72	5.828		ug/L		102	60 - 130
Pentachlorophenol - RE	<1.04	U	5.72	6.624		ug/L		116	14 - 176
Phenanthrene - RE	<0.134	U *+	5.72	6.504		ug/L		114	54 - 120
Phenol - RE	0.580	J I	5.72	2.783	J	ug/L		39	5 - 120
Pyrene - RE	<0.0850	U F1	5.72	7.211	F1	ug/L		126	52 - 120
Pyridine - RE	<1.44	U F1 *1	5.72	2.142	J	ug/L		37	5 - 120
N-Nitro-o-toluidine - RE	<0.521	U	5.72	4.117		ug/L		72	47 - 130
2,3,4,6-Tetrachlorophenol - RE	<0.211	U *+ F1	5.72	7.265		ug/L		127	33 - 132
Acetophenone - RE	<0.625	U F1	5.72	7.657	F1	ug/L		134	58 - 130
N-Nitrosopiperidine - RE	<0.468	U	5.72	6.080		ug/L		106	54 - 130
Pentachlorobenzene - RE	<0.266	U	5.72	4.482		ug/L		78	47 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Lab Sample ID: 860-86937-G-6-B MS
Matrix: Water
Analysis Batch: 205491

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl - RE	<0.0983	U	5.72	5.002		ug/L		87	52 - 130
4-Aminobiphenyl - RE	<0.395	U	5.72	2.814		ug/L		49	35 - 130
1,2,4,5-Tetrachlorobenzene - RE	<0.0959	U	5.72	4.179		ug/L		73	52 - 130
1,3,5-Trinitrobenzene - RE	<0.119	U	5.72	4.068		ug/L		71	42 - 130
1,3-Dinitrobenzene - RE	<0.0774	U	5.72	6.534		ug/L		114	54 - 130
1,4-Naphthoquinone - RE	<0.315	U	5.72	5.920		ug/L		103	34 - 130
1-Naphthylamine - RE	<0.149	U F1	5.72	2.212	F1	ug/L		39	40 - 130
2,6-Dichlorophenol - RE	<0.118	U	5.72	6.767		ug/L		118	40 - 130
2-Acetylaminofluorene - RE	<1.27	U *+ F1	5.72	11.01	F1	ug/L		192	50 - 150
2-Chlorophenol - RE	0.118	J	5.72	6.166		ug/L		106	23 - 134
2-Naphthylamine - RE	<0.288	U F2	5.72	2.551		ug/L		45	30 - 130
2-Picoline - RE	<0.123	U F1	5.72	1.374		ug/L		24	22 - 130
2-Toluidine - RE	<0.306	U	5.72	2.966		ug/L		52	30 - 130
3,3'-Dichlorobenzidine - RE	<0.183	U	5.72	4.518		ug/L		79	25 - 200
3,3'-Dimethylbenzidine - RE	<0.142	U F2 F1	5.72	0.2379	J F1	ug/L		4	30 - 130
3-Methylcholanthrene - RE	<0.104	U	5.72	6.194		ug/L		108	53 - 130
4-Nitroquinoline-1-oxide - RE	<0.731	U	5.72	2.752		ug/L		48	39 - 130
7,12-Dimethylbenz(a)anthracene - RE	<0.241	U	5.72	6.225		ug/L		109	63 - 130
alpha,alpha-Dimethyl phenethylamine - RE	<3.68	U *- F1	5.72	<3.68	U F1	ug/L		0	20 - 130
Aramite Peak 1 - RE	<0.0786	U *+ F1	2.86	3.923	F1	ug/L		137	69 - 130
Aramite Peak 2 - RE	<0.0955	U F1	2.86	3.686		ug/L		129	65 - 130
Diallate Peak 1 - RE	<0.0836	U	4.23	4.400		ug/L		104	69 - 130
Diallate Peak 2 - RE	<0.0386	U	1.49	1.540		ug/L		104	67 - 130
Ethyl methanesulfonate - RE	<0.227	U	5.72	5.237		ug/L		92	54 - 130
Hexachloropropene - RE	<0.300	U	5.72	3.257		ug/L		57	37 - 130
Isosafrole Peak 1 - RE	<0.0464	U	0.916	0.9444		ug/L		103	54 - 130
Isosafrole Peak 2 - RE	<0.241	U	4.81	5.080		ug/L		106	62 - 130
Methyl methanesulfonate - RE	<0.120	U	5.72	2.175		ug/L		38	30 - 130
N-Nitrosodiethylamine - RE	<0.539	U	5.72	6.100		ug/L		107	54 - 130
N-Nitrosodimethylamine - RE	<0.100	U F1 *-	5.72	1.700		ug/L		30	30 - 130
N-Nitrosodi-n-butylamine - RE	<0.516	U F1	5.72	7.737	F1	ug/L		135	58 - 130
N-Nitrosomethylethylamine - RE	<0.294	U	5.72	3.877		ug/L		68	45 - 130
N-Nitrosomorpholine - RE	<0.221	U	5.72	2.771		ug/L		48	37 - 130
N-Nitrosopyrrolidine - RE	<0.268	U	5.72	3.670		ug/L		64	47 - 130
p-Dimethylamino azobenzene - RE	<0.0238	U F1	5.72	8.189	F1	ug/L		143	61 - 130
Pentachloronitrobenzene - RE	<0.100	U	5.72	5.942		ug/L		104	56 - 130
Phenacetin - RE	<0.100	U	5.72	6.102		ug/L		107	70 - 130
p-Phenylene diamine - RE	<0.501	U *- F1	5.72	<0.501	U F1	ug/L		0	3 - 120
Pronamide - RE	<0.100	U	5.72	6.666		ug/L		116	70 - 130
Safrole, Total - RE	<0.0572	U	5.72	5.849		ug/L		102	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr) - RE	*57*		*35 - 130*
2-Fluorobiphenyl - RE	*40*	*S1-*	*43 - 130*
2-Fluorophenol (Surr) - RE	*32*		*19 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Lab Sample ID: 860-86937-G-6-B MS
Matrix: Water
Analysis Batch: 205491

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 204625

Surrogate	MS %Recovery	MS Qualifier	Limits
Nitrobenzene-d5 (Surr) - RE	53		37 - 133
Phenol-d5 (Surr) - RE	19		8 - 124
p-Terphenyl-d14 - RE	54		47 - 130

Lab Sample ID: 860-86937-G-6-C MSD
Matrix: Water
Analysis Batch: 205491

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene - RE	<0.0767	U	5.73	3.561		ug/L		62	44 - 142	6	30
1,2-Dichlorobenzene - RE	0.151	J	5.73	4.042		ug/L		68	51 - 130	4	30
1,3-Dichlorobenzene - RE	<0.102	U	5.73	3.740		ug/L		65	47 - 130	7	30
1,4-Dichlorobenzene - RE	0.242	J	5.73	3.989		ug/L		65	46 - 130	5	30
2,2'-oxybis[1-chloropropane] - RE	<1.43	U	5.73	5.291		ug/L		92	36 - 166	2	30
2,4,5-Trichlorophenol - RE	<0.143	U F1	5.73	8.012	F1	ug/L		140	35 - 130	0	30
2,4,6-Trichlorophenol - RE	<0.231	U	5.73	7.919		ug/L		138	37 - 144	1	30
2,4-Dichlorophenol - RE	<0.140	U	5.73	6.470		ug/L		113	39 - 135	2	30
2,4-Dimethylphenol - RE	<0.192	U *+ F1	5.73	10.28	F1	ug/L		179	32 - 120	2	30
1,4-Dioxane - RE	7.16	F1	5.73	6.941	F1	ug/L		-4	28 - 130	1	30
2,4-Dinitrophenol - RE	<0.104	U	5.73	4.565		ug/L		80	26 - 191	18	30
2,4-Dinitrotoluene - RE	<0.205	U	5.73	5.169		ug/L		90	39 - 139	7	30
2,6-Dinitrotoluene - RE	<0.116	U	5.73	6.586		ug/L		115	50 - 158	5	30
2-Chloronaphthalene - RE	<0.379	U	5.73	5.086		ug/L		89	60 - 120	0	30
2-Methylnaphthalene - RE	<0.0603	U	5.73	3.825		ug/L		67	25 - 175	2	30
2-Methylphenol - RE	<0.105	U	5.73	5.608		ug/L		98	14 - 176	1	30
2-Nitroaniline - RE	<0.149	U	5.73	5.792		ug/L		101	59 - 130	2	30
2-Nitrophenol - RE	<0.136	U	5.73	6.665		ug/L		116	29 - 182	2	30
3 & 4 Methylphenol - RE	<0.139	U	5.73	5.013		ug/L		87	22 - 130	1	30
3-Nitroaniline - RE	<0.0854	U	5.73	3.121		ug/L		54	30 - 130	14	30
4,6-Dinitro-2-methylphenol - RE	<0.202	U	5.73	5.110		ug/L		89	25 - 181	6	30
4-Bromophenyl phenyl ether - RE	<0.100	U	5.73	5.097		ug/L		89	53 - 127	3	30
4-Chloro-3-methylphenol - RE	<0.104	U	5.73	6.399		ug/L		112	22 - 147	1	30
4-Chloroaniline - RE	<0.0386	U	5.73	2.651		ug/L		46	30 - 130	26	30
4-Chlorophenyl phenyl ether - RE	<0.131	U	5.73	4.987		ug/L		87	25 - 158	3	30
4-Nitroaniline - RE	<0.109	U	5.73	3.940		ug/L		69	53 - 130	4	30
Acenaphthene - RE	0.582		5.73	5.870		ug/L		92	47 - 145	2	30
Acenaphthylene - RE	<0.0998	U	5.73	7.150		ug/L		125	33 - 145	1	30
Aniline - RE	<0.0580	U	5.73	1.931		ug/L		34	20 - 130	30	30
Anthracene - RE	<0.0939	U *+	5.73	7.078		ug/L		124	27 - 133	2	30
Benzo[a]anthracene - RE	<0.0286	U *+	5.73	7.016		ug/L		122	33 - 143	6	30
Benzo[a]pyrene - RE	<0.0300	U	5.73	6.495		ug/L		113	17 - 163	3	30
Benzo[b]fluoranthene - RE	<0.0665	U *+	5.73	6.502		ug/L		113	24 - 159	5	30
Benzo[g,h,i]perylene - RE	<0.0346	U	5.73	5.711		ug/L		100	25 - 219	3	30
Benzo[k]fluoranthene - RE	<0.0473	U	5.73	5.837		ug/L		102	11 - 162	6	30
Benzyl alcohol - RE	<0.601	U	5.73	3.264		ug/L		57	57 - 130	3	30
Bis(2-chloroethoxy)methane - RE	<0.0976	U	5.73	6.389		ug/L		111	33 - 184	0	30
Bis(2-chloroethyl)ether - RE	0.636		5.73	6.282		ug/L		99	12 - 158	1	30
Bis(2-ethylhexyl) phthalate - RE	<0.901	U *+	5.73	8.346		ug/L		146	8 - 158	4	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Lab Sample ID: 860-86937-G-6-C MSD
Matrix: Water
Analysis Batch: 205491

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Butyl benzyl phthalate - RE	<0.501	U	5.73	7.676		ug/L		134	70 - 152	4	30
Chrysene - RE	<0.0817	U *+	5.73	6.145		ug/L		107	17 - 168	4	30
Dibenz(a,h)anthracene - RE	<0.0510	U	5.73	6.027		ug/L		105	32 - 227	2	30
Dibenzofuran - RE	<0.107	U	5.73	4.412		ug/L		77	48 - 130	0	30
Diethyl phthalate - RE	<0.155	U	5.73	5.895		ug/L		103	25 - 120	4	30
Dimethyl phthalate - RE	<0.108	U	5.73	6.461		ug/L		113	25 - 120	0	30
Di-n-butyl phthalate - RE	<0.766	U	5.73	5.864		ug/L		102	1 - 120	3	30
Di-n-octyl phthalate - RE	<0.270	U F1	5.73	10.58	F1	ug/L		185	4 - 146	5	30
Fluoranthene - RE	<0.0884	U	5.73	7.614		ug/L		133	26 - 137	4	30
Fluorene - RE	<0.0950	U	5.73	5.469		ug/L		95	59 - 121	1	30
Hexachlorobenzene - RE	<0.0976	U	5.73	6.370		ug/L		111	8 - 152	6	30
Hexachlorobutadiene - RE	<0.103	U	5.73	3.486		ug/L		61	24 - 120	5	30
Hexachlorocyclopentadiene - RE	<0.0513	U *+ F1	5.73	9.240	F1	ug/L		161	30 - 130	4	30
Hexachloroethane - RE	<0.102	U	5.73	3.525		ug/L		62	40 - 120	6	30
Indeno[1,2,3-cd]pyrene - RE	<0.100	U	5.73	6.147		ug/L		107	29 - 171	2	30
Isophorone - RE	<0.107	U	5.73	5.818		ug/L		102	21 - 196	0	30
Naphthalene - RE	<0.0946	U	5.73	5.075		ug/L		89	21 - 133	4	30
Nitrobenzene - RE	<0.0737	U	5.73	5.939		ug/L		104	35 - 180	2	30
N-Nitrosodi-n-propylamine - RE	<0.119	U	5.73	7.075		ug/L		123	14 - 230	3	30
N-Nitrosodiphenylamine - RE	<0.145	U	5.73	5.938		ug/L		104	60 - 130	2	30
Pentachlorophenol - RE	<1.04	U	5.73	6.435		ug/L		112	14 - 176	3	30
Phenanthrene - RE	<0.134	U *+	5.73	6.698		ug/L		117	54 - 120	3	30
Phenol - RE	0.580	J I	5.73	2.656	J	ug/L		36	5 - 120	5	30
Pyrene - RE	<0.0850	U F1	5.73	7.389	F1	ug/L		129	52 - 120	2	30
Pyridine - RE	<1.44	U F1 *1	5.73	<1.44	U F1	ug/L		0	5 - 120	NC	30
N-Nitro-o-toluidine - RE	<0.521	U	5.73	3.919		ug/L		68	47 - 130	5	30
2,3,4,6-Tetrachlorophenol - RE	<0.211	U *+ F1	5.73	7.703	F1	ug/L		134	33 - 132	6	30
Acetophenone - RE	<0.625	U F1	5.73	7.473		ug/L		130	58 - 130	2	30
N-Nitrosopiperidine - RE	<0.468	U	5.73	6.065		ug/L		106	54 - 130	0	30
Pentachlorobenzene - RE	<0.266	U	5.73	4.589		ug/L		80	47 - 130	2	30
1,1'-Biphenyl - RE	<0.0983	U	5.73	4.925		ug/L		86	52 - 130	2	30
4-Aminobiphenyl - RE	<0.395	U	5.73	2.210		ug/L		39	35 - 130	24	30
1,2,4,5-Tetrachlorobenzene - RE	<0.0959	U	5.73	4.110		ug/L		72	52 - 130	2	30
1,3,5-Trinitrobenzene - RE	<0.119	U	5.73	4.187		ug/L		73	42 - 130	3	30
1,3-Dinitrobenzene - RE	<0.0774	U	5.73	6.576		ug/L		115	54 - 130	1	30
1,4-Naphthoquinone - RE	<0.315	U	5.73	5.760		ug/L		101	34 - 130	3	30
1-Naphthylamine - RE	<0.149	U F1	5.73	2.083	F1	ug/L		36	40 - 130	6	30
2,6-Dichlorophenol - RE	<0.118	U	5.73	6.787		ug/L		118	40 - 130	0	30
2-Acetylaminofluorene - RE	<1.27	U *+ F1	5.73	11.36	F1	ug/L		198	50 - 150	3	30
2-Chlorophenol - RE	0.118	J	5.73	6.035		ug/L		103	23 - 134	2	30
2-Naphthylamine - RE	<0.288	U F2	5.73	1.724	F2	ug/L		30	30 - 130	39	30
2-Picoline - RE	<0.123	U F1	5.73	1.025	F1	ug/L		18	22 - 130	29	30
2-Toluidine - RE	<0.306	U	5.73	2.270		ug/L		40	30 - 130	27	30
3,3'-Dichlorobenzidine - RE	<0.183	U	5.73	3.888		ug/L		68	25 - 200	15	30
3,3'-Dimethylbenzidine - RE	<0.142	U F2 F1	5.73	0.1647	J I F2 F1	ug/L		3	30 - 130	36	30
3-Methylcholanthrene - RE	<0.104	U	5.73	6.321		ug/L		110	53 - 130	2	30
4-Nitroquinoline-1-oxide - RE	<0.731	U	5.73	2.886		ug/L		50	39 - 130	5	30
7,12-Dimethylbenz(a)anthracene - RE	<0.241	U	5.73	5.804		ug/L		101	63 - 130	7	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Lab Sample ID: 860-86937-G-6-C MSD
Matrix: Water
Analysis Batch: 205491

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
alpha,alpha-Dimethyl phenethylamine - RE	<3.68	U *- F1	5.73	<3.68	U F1	ug/L		0	20 - 130	NC	30
Aramite Peak 1 - RE	<0.0786	U *+ F1	2.87	3.985	F1	ug/L		139	69 - 130	2	30
Aramite Peak 2 - RE	<0.0955	U F1	2.87	3.794	F1	ug/L		132	65 - 130	3	30
Diallate Peak 1 - RE	<0.0836	U	4.24	4.431		ug/L		104	69 - 130	1	30
Diallate Peak 2 - RE	<0.0386	U	1.49	1.571		ug/L		105	67 - 130	2	30
Ethyl methanesulfonate - RE	<0.227	U	5.73	5.120		ug/L		89	54 - 130	2	30
Hexachloropropene - RE	<0.300	U	5.73	3.090		ug/L		54	37 - 130	5	30
Isosafrole Peak 1 - RE	<0.0464	U	0.917	0.9081		ug/L		99	54 - 130	4	30
Isosafrole Peak 2 - RE	<0.241	U	4.81	5.267		ug/L		109	62 - 130	4	30
Methyl methanesulfonate - RE	<0.120	U	5.73	2.107		ug/L		37	30 - 130	3	30
N-Nitrosodiethylamine - RE	<0.539	U	5.73	6.116		ug/L		107	54 - 130	0	30
N-Nitrosodimethylamine - RE	<0.100	U F1 *-	5.73	1.678	F1	ug/L		29	30 - 130	1	30
N-Nitrosodi-n-butylamine - RE	<0.516	U F1	5.73	7.760	F1	ug/L		135	58 - 130	0	30
N-Nitrosomethylethylamine - RE	<0.294	U	5.73	3.761		ug/L		66	45 - 130	3	30
N-Nitrosomorpholine - RE	<0.221	U	5.73	2.558		ug/L		45	37 - 130	8	30
N-Nitrosopyrrolidine - RE	<0.268	U	5.73	3.653		ug/L		64	47 - 130	0	30
p-Dimethylamino azobenzene - RE	<0.0238	U F1	5.73	8.507	F1	ug/L		148	61 - 130	4	30
Pentachloronitrobenzene - RE	<0.100	U	5.73	6.038		ug/L		105	56 - 130	2	30
Phenacetin - RE	<0.100	U	5.73	5.552		ug/L		97	70 - 130	9	30
p-Phenylene diamine - RE	<0.501	U *- F1	5.73	<0.501	U F1	ug/L		0	3 - 120	NC	30
Pronamide - RE	<0.100	U	5.73	6.823		ug/L		119	70 - 130	2	30
Safrole, Total - RE	<0.0572	U	5.73	5.820		ug/L		102	70 - 130	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr) - RE	*73*		*35 - 130*
2-Fluorobiphenyl - RE	*51*		*43 - 130*
2-Fluorophenol (Surr) - RE	*40*		*19 - 120*
Nitrobenzene-d5 (Surr) - RE	*67*		*37 - 133*
Phenol-d5 (Surr) - RE	*24*		*8 - 124*
p-Terphenyl-d14 - RE	*72*		*47 - 130*

GC/MS VOA

Analysis Batch: 200122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86901-1	CM-05	Total/NA	Water	8260D	
860-86901-2	CM-04	Total/NA	Water	8260D	
860-86901-3	CM-03	Total/NA	Water	8260D	
860-86901-4	CM-02	Total/NA	Water	8260D	
860-86901-5	CM-01	Total/NA	Water	8260D	
860-86901-6	CM-00	Total/NA	Water	8260D	
860-86901-7	TB-07 (111224)	Total/NA	Water	8260D	
MB 860-200122/9	Method Blank	Total/NA	Water	8260D	
LCS 860-200122/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-200122/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-86901-1 MS	CM-05	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 199539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86901-1	CM-05	Total/NA	Water	3511	
860-86901-1 - DL	CM-05	Total/NA	Water	3511	
860-86901-2	CM-04	Total/NA	Water	3511	
860-86901-2 - DL	CM-04	Total/NA	Water	3511	
860-86901-3	CM-03	Total/NA	Water	3511	
860-86901-4	CM-02	Total/NA	Water	3511	
860-86901-5	CM-01	Total/NA	Water	3511	
860-86901-6	CM-00	Total/NA	Water	3511	
MB 860-199539/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-199539/24-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-199539/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-199539/25-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-199539/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 200175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-199539/1-A	Method Blank	Total/NA	Water	8270E	199539
LCS 860-199539/24-A	Lab Control Sample	Total/NA	Water	8270E	199539
LCSD 860-199539/25-A	Lab Control Sample Dup	Total/NA	Water	8270E	199539

Analysis Batch: 200733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-199539/2-A	Lab Control Sample	Total/NA	Water	8270E	199539
LCSD 860-199539/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	199539

Analysis Batch: 204030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86901-1	CM-05	Total/NA	Water	8270E	199539
860-86901-2	CM-04	Total/NA	Water	8270E	199539
860-86901-3	CM-03	Total/NA	Water	8270E	199539
860-86901-4	CM-02	Total/NA	Water	8270E	199539
860-86901-5	CM-01	Total/NA	Water	8270E	199539
860-86901-6	CM-00	Total/NA	Water	8270E	199539

GC/MS Semi VOA

Prep Batch: 204625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86901-1 - REDL	CM-05	Total/NA	Water	3511	
860-86901-1 - RE	CM-05	Total/NA	Water	3511	
860-86901-2 - RE	CM-04	Total/NA	Water	3511	
860-86901-2 - REDL	CM-04	Total/NA	Water	3511	
860-86901-3 - RE	CM-03	Total/NA	Water	3511	
860-86901-4 - RE	CM-02	Total/NA	Water	3511	
860-86901-5 - RE	CM-01	Total/NA	Water	3511	
860-86901-6 - RE	CM-00	Total/NA	Water	3511	
MB 860-204625/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-204625/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-204625/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-204625/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-204625/5-A	Lab Control Sample Dup	Total/NA	Water	3511	
860-86937-G-6-B MS - RE	Matrix Spike	Total/NA	Water	3511	
860-86937-G-6-C MSD - RE	Matrix Spike Duplicate	Total/NA	Water	3511	

Analysis Batch: 204698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86901-1 - DL	CM-05	Total/NA	Water	8270E	199539
860-86901-2 - DL	CM-04	Total/NA	Water	8270E	199539

Analysis Batch: 205425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-204625/1-A	Method Blank	Total/NA	Water	8270E	204625
LCS 860-204625/2-A	Lab Control Sample	Total/NA	Water	8270E	204625
LCS 860-204625/4-A	Lab Control Sample	Total/NA	Water	8270E	204625
LCSD 860-204625/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	204625
LCSD 860-204625/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	204625

Analysis Batch: 205491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86901-1 - RE	CM-05	Total/NA	Water	8270E	204625
860-86901-2 - RE	CM-04	Total/NA	Water	8270E	204625
860-86901-3 - RE	CM-03	Total/NA	Water	8270E	204625
860-86901-4 - RE	CM-02	Total/NA	Water	8270E	204625
860-86901-5 - RE	CM-01	Total/NA	Water	8270E	204625
860-86901-6 - RE	CM-00	Total/NA	Water	8270E	204625
860-86937-G-6-B MS - RE	Matrix Spike	Total/NA	Water	8270E	204625
860-86937-G-6-C MSD - RE	Matrix Spike Duplicate	Total/NA	Water	8270E	204625

Analysis Batch: 205499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86901-1 - REDL	CM-05	Total/NA	Water	8270E	204625
860-86901-2 - REDL	CM-04	Total/NA	Water	8270E	204625

Client Sample ID: CM-05
Lab Sample ID: 860-86901-1

Date Collected: 11/12/24 07:55
Matrix: Water
Date Received: 11/13/24 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200122	11/15/24 21:20	NA	EET HOU
Total/NA	Prep	3511			70.3 mL	4 mL	199539	11/14/24 07:52	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	204030	12/08/24 23:08	T1S	EET HOU
Total/NA	Prep	3511	RE		70.4 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	205491	12/14/24 20:12	T1S	EET HOU
Total/NA	Prep	3511	REDL		70.4 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	REDL	10	1 mL	1 mL	205499	12/15/24 22:57	LPL	EET HOU
Total/NA	Prep	3511	DL		70.3 mL	4 mL	199539	11/14/24 07:52	DR	EET HOU
Total/NA	Analysis	8270E	DL	10	1 mL	1 mL	204698	12/11/24 14:29	PXS	EET HOU

Client Sample ID: CM-04
Lab Sample ID: 860-86901-2

Date Collected: 11/12/24 08:15
Matrix: Water
Date Received: 11/13/24 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200122	11/16/24 01:53	NA	EET HOU
Total/NA	Prep	3511			70.2 mL	4 mL	199539	11/14/24 07:52	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	204030	12/08/24 23:38	T1S	EET HOU
Total/NA	Prep	3511	RE		70.5 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	205491	12/14/24 20:42	T1S	EET HOU
Total/NA	Prep	3511	REDL		70.5 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	REDL	10	1 mL	1 mL	205499	12/15/24 23:27	LPL	EET HOU
Total/NA	Prep	3511	DL		70.2 mL	4 mL	199539	11/14/24 07:52	DR	EET HOU
Total/NA	Analysis	8270E	DL	10	1 mL	1 mL	204698	12/11/24 14:59	PXS	EET HOU

Client Sample ID: CM-03
Lab Sample ID: 860-86901-3

Date Collected: 11/12/24 08:45
Matrix: Water
Date Received: 11/13/24 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200122	11/16/24 02:13	NA	EET HOU
Total/NA	Prep	3511			70.5 mL	4 mL	199539	11/14/24 07:52	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	204030	12/09/24 00:08	T1S	EET HOU
Total/NA	Prep	3511	RE		70.5 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	205491	12/14/24 21:13	T1S	EET HOU

Client Sample ID: CM-02
Lab Sample ID: 860-86901-4

Date Collected: 11/12/24 09:13
Matrix: Water
Date Received: 11/13/24 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200122	11/16/24 02:32	NA	EET HOU
Total/NA	Prep	3511			70.5 mL	4 mL	199539	11/14/24 07:52	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	204030	12/09/24 00:38	T1S	EET HOU

Lab Chronicle

Client: Ashland LLC
Job ID: 860-86901-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: CM-02
Lab Sample ID: 860-86901-4
Date Collected: 11/12/24 09:13
Matrix: Water
Date Received: 11/13/24 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511	RE		70.2 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	205491	12/14/24 21:43	T1S	EET HOU

Client Sample ID: CM-01
Lab Sample ID: 860-86901-5
Date Collected: 11/12/24 09:33
Matrix: Water
Date Received: 11/13/24 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200122	11/16/24 02:52	NA	EET HOU
Total/NA	Prep	3511			69.8 mL	4 mL	199539	11/14/24 07:52	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	204030	12/09/24 01:09	T1S	EET HOU
Total/NA	Prep	3511	RE		70.5 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	205491	12/14/24 22:13	T1S	EET HOU

Client Sample ID: CM-00
Lab Sample ID: 860-86901-6
Date Collected: 11/12/24 09:50
Matrix: Water
Date Received: 11/13/24 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200122	11/16/24 03:11	NA	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	199539	11/14/24 07:52	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	204030	12/09/24 01:39	T1S	EET HOU
Total/NA	Prep	3511	RE		69.8 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	205491	12/14/24 22:44	T1S	EET HOU

Client Sample ID: TB-07 (111224)
Lab Sample ID: 860-86901-7
Date Collected: 11/12/24 00:00
Matrix: Water
Date Received: 11/13/24 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200122	11/15/24 21:00	NA	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Ashland LLC
Job ID: 860-86901-1
Project/Site: Hercules Hattiesburg, MS

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-03-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	06-30-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	06-30-25
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: Ashland LLC
Job ID: 860-86901-1
Project/Site: Hercules Hattiesburg, MS

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Ashland LLC
Job ID: 860-86901-1
Project/Site: Hercules Hattiesburg, MS

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-86901-1	CM-05	Water	11/12/24 07:55	11/13/24 09:46
860-86901-2	CM-04	Water	11/12/24 08:15	11/13/24 09:46
860-86901-3	CM-03	Water	11/12/24 08:45	11/13/24 09:46
860-86901-4	CM-02	Water	11/12/24 09:13	11/13/24 09:46
860-86901-5	CM-01	Water	11/12/24 09:33	11/13/24 09:46
860-86901-6	CM-00	Water	11/12/24 09:50	11/13/24 09:46
860-86901-7	TB-07 (111224)	Water	11/12/24 00:00	11/13/24 09:46

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

RJAO Green's Creek

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Client Information	Sampler: K. Montgomery	Lab PM: Kudchadkar Sachin G	Carrier Tracking No(s):	COC No: 860-33465-10045.1
Client Contact: Mr Antonio Cardoso	Phone: 225-205-8241	E-Mail: Sachin.Kudchadkar@et.eurofinsus.com	State of Origin:	Page: Page
Company: Arcadis US Inc.	PWSID:			Job #:
Address: 4300 West Cypress Street Suite 450	Due Date Requested:			
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33607	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 1095575			
Email: antonio.cardoso@arcadis.com	WO #:			
Project Name: Hercules Hattiesburg, MS	Project #: 86006085			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wwater, Ssolid, Owaste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ (MOD) Appendix 9 SVOCs	8260D (MOD) Appendix 9 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
CM-05	11-12-24	0755	G	Water	N	N	X	X	3	
CM-04	"	0815		Water			X	X	3	
CM-03	"	0845		Water			X	X	3	
CM-02	"	0913		Water			X	X	3	
CM-01		0933		Water			X	X	3	
CM-00		0950		Water			X	X	3	
TB-07(111224)				Water			-	X	2	
				Water						
				Water						
				Water						
				Water						

860-86901 Chain of Custody

Temp: 2 6 IR ID:HOU-338
C/F -0.1
Corrected Temp: 2 5

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	K Montgomery	11-12-24/1600	Arcadis	Fedex		
2	Fedex			YERS	11/13/24 946	F
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: Ashland LLC

Job Number: 860-86901-1

Login Number: 86901

List Source: Eurofins Houston

List Number: 1

Creator: Rubio, Yuri

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Timothy Hassett
Ashland LLC
Ashland Hercules Research Center
500 Hercules Rd Bldg 8145
Wilmington, Delaware 19808

Generated 12/19/2024 5:08:13 PM

JOB DESCRIPTION

Hercules Hattiesburg, MS

JOB NUMBER

860-86937-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
12/19/2024 5:08:13 PM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 860-86937-1 — Eurofins Houston

Job Narrative
860-86937-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/13/2024 9:46 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

GC/MS VOA
Method 8260D: The matrix spike (MS) recoveries for analytical batch 860-200299 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-200483 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8260D: Reanalysis of the following samples were performed outside of the analytical holding time for confirmation : MW-20 (860-86937-4) and MW-19 (860-86937-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200175 recovered above the upper control limit for 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 2-Methylphenol, Benzidine, Hexachloroethane and 1,2-Dichlorobenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-200175/2).

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The surrogate recovery for the method blank and laboratory control sample duplicate associated with preparation batch 860-199671 and analytical batch 860-200175 was outside the upper control limits.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200733 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: (CCV 860-200733/3) and (CCVIS 860-200733/2).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200999 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-200999/2).

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-201887 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-201887/3).

Job ID: 860-86937-1 (Continued)

Method 8270E_QQQ: The surrogate recovery for the method blank, laboratory control sample and laboratory control sample duplicate associated with preparation batch 860-200832 and analytical batch 860-200999 was outside the upper control limits.

Method 8270E_QQQ: The surrogate recovery for the laboratory control sample associated with preparation batch 860-199899 and analytical batch 860-200175 was outside the upper control limits.

Method 8270E_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-20 (860-86937-4), MW-19 (860-86937-5), MW-18 (860-86937-6), MW-18 (860-86937-6[MS]) and MW-18 (860-86937-6[MSD]). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The following samples required a dilution due to the nature of the sample matrix: MW-20 (860-86937-4), MW-19 (860-86937-5), MW-18 (860-86937-6), MW-18 (860-86937-6[MS]) and MW-18 (860-86937-6[MSD]). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E_QQQ: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-19 (860-86937-5). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The following sample required a dilution due to the nature of the sample matrix: MW-19 (860-86937-5). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E_QQQ: The surrogate recovery for the method blank, laboratory control sample and laboratory control sample duplicate associated with preparation batch 860-204625 and analytical batch 860-205425 was outside the upper control limits.

Method 8270E_QQQ: The following sample required a dilution due to the nature of the sample matrix: MW-22 (860-86937-3). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-22 (860-86937-3). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The following samples were re-prepared outside of preparation holding time due to initial analysis LCS/LCSD recoveries outside control limits: MW-24 (860-86937-2) and MW-22 (860-86937-3).

Method 8270E_QQQ: Surrogate recovery for the following sample was outside the upper control limit: MW-24 (860-86937-2). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: MW-22 (860-86937-3). These results have been reported and qualified.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200531 recovered above the upper control limit for Dinoseb, Famphur and Methapyrilene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-200531/3).

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-199671 and analytical batch 860-200733 recovered outside control limits for multiple analytes. The associated sample was re-prepared and re-analyzed outside holding time.

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-199671 and 860-199899 and analytical batch 860-200175 recovered outside control limits for multiple analytes. The associated sample was re-prepared and re-analyzed outside holding time.

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch

860-200832 and analytical batch 860-200999 recovered outside control limits for multiple analytes. The associated sample was re-prepared and/or re-analyzed outside holding time.

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-200832 and analytical batch 860-201887 recovered outside control limits for multiple analytes. The associated sample(s) was re-prepared and/or re-analyzed outside holding time.

Method 8270E_QQQ: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-22 (860-86937-3). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-204625 and analytical batch 860-205425 recovered outside control limits for multiple analytes. The associated sample(s) was re-prepared and re-analyzed outside holding time.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The surrogate recovery for the laboratory control sample and laboratory control sample duplicate associated with preparation batch 860-199671 and analytical batch 860-200733 was outside the upper control limits.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-205499 recovered above the upper control limit for p-Terphenyl-d14 (Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-205499/2).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200175 recovered above the upper control limit for Methapyrilene, Dinoseb and Dimethoate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-200175/3).

Method 8270E_QQQ: The following sample required a dilution due to the nature of the sample matrix: MW-22 (860-86937-3). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-205458 recovered above the upper control limit for p-Terphenyl-d14, Di-n-octyl phthalate, Benzo[b]fluoranthene, Benzo[a]anthracene, Phenanthrene and Anthracene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-205458/2).

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-18 (860-86937-6), MW-18 (860-86937-6[MS]) and MW-18 (860-86937-6[MSD]). These results have been reported and qualified.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-205491 recovered above the upper control limit for p-Terphenyl-d4, Hexachloroethane, Benzo[b]fluoranthene, Chrysene, Benzo[a]anthracene and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-205491/2).

Method 8270E_QQQ: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 860-199899 and 860-204625 and analytical batch 860-205491 were outside control limits.

Method 8270E_QQQ: Due to the high concentration of Phenyl ether, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 860-199899 and 860-204625 and analytical batch 860-205491 could not be evaluated for accuracy and

precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8270E_QQQ: The following samples were re-prepared outside of preparation holding time due to initial analysis LCS/LCSD recoveries outside control limits (biased low): MW-20 (860-86937-4), MW-19 (860-86937-5), MW-18 (860-86937-6), MW-06 (860-86937-7) and MW-09 (860-86937-9).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-205425 recovered above the upper control limit for Di-n-octyl phthalate, p-Terphenyl-d14, Benzo[b]fluoranthene, Benzo[a]anthracene, 2-Acetylaminofluorene, 4-Chloroaniline, 1,2,4,5-Tetrachlorobenzene, Anthracene, Chrysene, Phenanthrene and Hexachloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-205425/2).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-205425 recovered above the upper control limit for Disulfoton. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-205425/3).

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-20 (860-86937-4), MW-19 (860-86937-5), MW-06 (860-86937-7) and MW-09 (860-86937-9). These results have been reported and qualified.

Method 8270E_QQQ: Surrogate compounds were inadvertently omitted during the extraction process for the following sample: MW-19 (860-86937-5). There was insufficient sample(s) remaining to perform re-extraction and re-analysis; therefore, the data have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: TB-06(111124) — Lab Sample ID: 860-86937-1

No Detections.

Client Sample ID: MW-24 — Lab Sample ID: 860-86937-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.949		0.571	0.0889	ug/L	1		8270E	Total/NA
Diphenyl ether	0.793		0.571	0.0909	ug/L	1		8270E	Total/NA
1,4-Dioxane - RE	1.26	H	0.566	0.0881	ug/L	1		8270E	Total/NA
Diphenyl ether - RE	1.18	H	0.566	0.0901	ug/L	1		8270E	Total/NA

Client Sample ID: MW-22 — Lab Sample ID: 860-86937-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Methyl-2-pentanone	31.9	J	50.0	5.00	ug/L	1		8260D	Total/NA
Acetone	11.4	J	100	3.07	ug/L	1		8260D	Total/NA
Benzene	84.9		1.00	0.460	ug/L	1		8260D	Total/NA
Chlorobenzene	6.27		1.00	0.455	ug/L	1		8260D	Total/NA
Tetrahydrofuran	7.34	J	10.0	1.83	ug/L	1		8260D	Total/NA
Toluene	0.817	J	1.00	0.475	ug/L	1		8260D	Total/NA
2,4-Dimethylphenol	2.13	*+	0.569	0.191	ug/L	1		8270E	Total/NA
1,4-Dioxane	6.81		0.569	0.0886	ug/L	1		8270E	Total/NA
2-Methylnaphthalene	0.765	I	0.569	0.0600	ug/L	1		8270E	Total/NA
2-Methylphenol	0.710		0.569	0.104	ug/L	1		8270E	Total/NA
3 & 4 Methylphenol	1.89		0.569	0.138	ug/L	1		8270E	Total/NA
Dibenzofuran	3.70		0.569	0.106	ug/L	1		8270E	Total/NA
Naphthalene	20.4		0.569	0.0940	ug/L	1		8270E	Total/NA
Acetophenone	8.05		1.14	0.621	ug/L	1		8270E	Total/NA
2-Chlorophenol	0.131	J *+	0.569	0.0753	ug/L	1		8270E	Total/NA
Sulfotepp	1.21	*+	0.569	0.146	ug/L	1		8270E	Total/NA
Phenol - DL	158	J I	284	44.6	ug/L	100		8270E	Total/NA
Diphenyl ether - DL2	25600		2840	453	ug/L	5000		8270E	Total/NA
1,1'-Biphenyl - DL2	7390		569	97.7	ug/L	1000		8270E	Total/NA
1,4-Dioxane - RE	9.73	J H	57.0	8.87	ug/L	100		8270E	Total/NA
2-Nitroaniline - RE	21.0	J *+ H I	57.0	14.9	ug/L	100		8270E	Total/NA
Naphthalene - RE	28.8	J H	57.0	9.42	ug/L	100		8270E	Total/NA
Phenol - RE	89.8	J H I *1	285	44.7	ug/L	100		8270E	Total/NA
Diphenyl ether - REDL	10700	H	2850	454	ug/L	5000		8270E	Total/NA
1,1'-Biphenyl - REDL	2940	H	2850	489	ug/L	5000		8270E	Total/NA

Client Sample ID: MW-20 — Lab Sample ID: 860-86937-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.15		1.00	0.460	ug/L	1		8260D	Total/NA
Cumene (isopropylbenzene)	5.32		1.00	0.592	ug/L	1		8260D	Total/NA
Propylbenzene	0.606	J	1.00	0.429	ug/L	1		8260D	Total/NA
1,4-Dioxane	16.4		0.563	0.0876	ug/L	1		8270E	Total/NA
2-Methylnaphthalene	0.141	J I	0.563	0.0593	ug/L	1		8270E	Total/NA
Acenaphthene	1.33		0.563	0.106	ug/L	1		8270E	Total/NA
Aniline	0.302	J I	0.563	0.0571	ug/L	1		8270E	Total/NA
Anthracene	0.129	J	0.563	0.0923	ug/L	1		8270E	Total/NA
Dibenzofuran	0.530	J	0.563	0.105	ug/L	1		8270E	Total/NA
Fluorene	0.239	J	0.563	0.0934	ug/L	1		8270E	Total/NA
Phenol	9.64	I	2.81	0.441	ug/L	1		8270E	Total/NA
1,1'-Biphenyl	0.606		0.563	0.0966	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample ID: MW-20 (Continued) — Lab Sample ID: 860-86937-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diphenyl ether - DL	2220		56.3	8.96	ug/L	100		8270E	Total/NA
1,4-Dioxane - RE	11.6	H	0.571	0.0890	ug/L	1		8270E	Total/NA
Acenaphthene - RE	1.19	H	0.571	0.107	ug/L	1		8270E	Total/NA
Aniline - RE	0.359	J H I	0.571	0.0580	ug/L	1		8270E	Total/NA
Anthracene - RE	0.115	J *+ H	0.571	0.0938	ug/L	1		8270E	Total/NA
Dibenzofuran - RE	0.422	J H	0.571	0.107	ug/L	1		8270E	Total/NA
Fluorene - RE	0.186	J H	0.571	0.0948	ug/L	1		8270E	Total/NA
Phenol - RE	16.5	H I	2.86	0.448	ug/L	1		8270E	Total/NA
1,1'-Biphenyl - RE	0.518	J H	0.571	0.0981	ug/L	1		8270E	Total/NA

Client Sample ID: MW-19 — Lab Sample ID: 860-86937-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	1.03		1.00	0.417	ug/L	1		8260D	Total/NA
Benzene	22.2		1.00	0.460	ug/L	1		8260D	Total/NA
Chlorobenzene	1.31		1.00	0.455	ug/L	1		8260D	Total/NA
Cumene (isopropylbenzene)	13.1		1.00	0.592	ug/L	1		8260D	Total/NA
Ethylbenzene	1.36		1.00	0.385	ug/L	1		8260D	Total/NA
Propylbenzene	10.5		1.00	0.429	ug/L	1		8260D	Total/NA
1,2-Dichlorobenzene	0.165	J	0.567	0.0934	ug/L	1		8270E	Total/NA
1,4-Dioxane	2.05		0.567	0.0884	ug/L	1		8270E	Total/NA
2-Methylnaphthalene	0.929		0.567	0.0598	ug/L	1		8270E	Total/NA
Aniline	0.484	J I	0.567	0.0575	ug/L	1		8270E	Total/NA
Dibenzofuran	3.00		0.567	0.106	ug/L	1		8270E	Total/NA
Fluorene	0.272	J	0.567	0.0941	ug/L	1		8270E	Total/NA
Naphthalene	16.7		0.567	0.0938	ug/L	1		8270E	Total/NA
Phenol	19.7	I	2.84	0.445	ug/L	1		8270E	Total/NA
Acetophenone	0.785	J	1.13	0.619	ug/L	1		8270E	Total/NA
1,1'-Biphenyl - DL	389		56.7	9.74	ug/L	100		8270E	Total/NA
Diphenyl ether - DL2	8020		567	90.3	ug/L	1000		8270E	Total/NA
1,4-Dioxane - RE	0.988	H	0.577	0.0899	ug/L	1		8270E	Total/NA
2-Methylnaphthalene - RE	0.397	J H	0.577	0.0609	ug/L	1		8270E	Total/NA
Aniline - RE	0.0688	J H I	0.577	0.0585	ug/L	1		8270E	Total/NA
Dibenzofuran - RE	1.46	H	0.577	0.108	ug/L	1		8270E	Total/NA
Fluorene - RE	0.133	J H	0.577	0.0958	ug/L	1		8270E	Total/NA
Naphthalene - RE	8.19	H	0.577	0.0954	ug/L	1		8270E	Total/NA
Phenol - RE	2.04	J H I	2.89	0.453	ug/L	1		8270E	Total/NA

Client Sample ID: MW-18 — Lab Sample ID: 860-86937-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	19.5		1.00	0.455	ug/L	1		8260D	Total/NA
Hexane	0.613	J	5.00	0.517	ug/L	1		8260D	Total/NA
1,2-Dichlorobenzene	0.184	J	0.570	0.0938	ug/L	1		8270E	Total/NA
1,4-Dichlorobenzene	0.323	J	0.570	0.0777	ug/L	1		8270E	Total/NA
1,4-Dioxane	7.87		0.570	0.0887	ug/L	1		8270E	Total/NA
Acenaphthene	0.785		0.570	0.107	ug/L	1		8270E	Total/NA
Aniline	0.379	J I	0.570	0.0578	ug/L	1		8270E	Total/NA
Bis(2-chloroethyl)ether	0.764		0.570	0.214	ug/L	1		8270E	Total/NA
Fluorene	0.109	J	0.570	0.0945	ug/L	1		8270E	Total/NA
Naphthalene	0.106	J	0.570	0.0942	ug/L	1		8270E	Total/NA
Nitrobenzene	0.480	J	0.570	0.0734	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-18 (Continued) — Lab Sample ID: 860-86937-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenol	10.6	I	2.85	0.447	ug/L	1		8270E	Total/NA
1,1'-Biphenyl	1.99	F1	0.570	0.0979	ug/L	1		8270E	Total/NA
o,o',o''-Triethylphosphorothioate	0.672		0.570	0.138	ug/L	1		8270E	Total/NA
Sulfotepp	0.458	J	0.570	0.146	ug/L	1		8270E	Total/NA
Diphenyl ether - DL	637		114	18.1	ug/L	200		8270E	Total/NA
1,2-Dichlorobenzene - RE	0.151	J H	0.572	0.0942	ug/L	1		8270E	Total/NA
1,4-Dichlorobenzene - RE	0.242	J H	0.572	0.0780	ug/L	1		8270E	Total/NA
1,4-Dioxane - RE	7.16	H F1	0.572	0.0891	ug/L	1		8270E	Total/NA
Acenaphthene - RE	0.582	H	0.572	0.108	ug/L	1		8270E	Total/NA
Bis(2-chloroethyl)ether - RE	0.636	H	0.572	0.215	ug/L	1		8270E	Total/NA
Phenol - RE	0.580	J I H	2.86	0.449	ug/L	1		8270E	Total/NA
2-Chlorophenol - RE	0.118	J H	0.572	0.0757	ug/L	1		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - RE	0.557	J H	0.572	0.138	ug/L	1		8270E	Total/NA

Client Sample ID: MW-06 — Lab Sample ID: 860-86937-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	20.4	J	100	3.07	ug/L	1		8260D	Total/NA
Hexane	0.632	J	5.00	0.517	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.173	J	0.571	0.0889	ug/L	1		8270E	Total/NA
Aniline	0.940		0.571	0.0579	ug/L	1		8270E	Total/NA
Nitrobenzene	0.421	J	0.571	0.0735	ug/L	1		8270E	Total/NA
Diphenyl ether	0.115	J I	0.571	0.0909	ug/L	1		8270E	Total/NA
1,4-Dioxane - RE	0.155	J H	0.574	0.0894	ug/L	1		8270E	Total/NA

Client Sample ID: FB-01 — Lab Sample ID: 860-86937-8

No Detections.

Client Sample ID: MW-09 — Lab Sample ID: 860-86937-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	10.5		0.567	0.0884	ug/L	1		8270E	Total/NA
Aniline	0.444	J I	0.567	0.0575	ug/L	1		8270E	Total/NA
Nitrobenzene	0.328	J	0.567	0.0731	ug/L	1		8270E	Total/NA
Diphenyl ether	1.29		0.567	0.0903	ug/L	1		8270E	Total/NA
o,o',o''-Triethylphosphorothioate	0.916		0.567	0.137	ug/L	1		8270E	Total/NA
Sulfotepp	0.498	J	0.567	0.146	ug/L	1		8270E	Total/NA
1,4-Dioxane - RE	12.6	H	0.571	0.0890	ug/L	1		8270E	Total/NA
4-Chloroaniline - RE	0.0408	J H	0.571	0.0385	ug/L	1		8270E	Total/NA
Diphenyl ether - RE	1.18	H	0.571	0.0910	ug/L	1		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - RE	0.878	H	0.571	0.138	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: TB-06(111124)

Date Collected: 11/11/24 00:00
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-1

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/18/24 13:32	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/18/24 13:32	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/18/24 13:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/18/24 13:32	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/18/24 13:32	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/18/24 13:32	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/18/24 13:32	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/18/24 13:32	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/18/24 13:32	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/18/24 13:32	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/18/24 13:32	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/18/24 13:32	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/18/24 13:32	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/18/24 13:32	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/18/24 13:32	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/18/24 13:32	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/18/24 13:32	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/18/24 13:32	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/18/24 13:32	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/18/24 13:32	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/18/24 13:32	1
Acetone	<3.07	U	100	3.07	ug/L			11/18/24 13:32	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/18/24 13:32	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/18/24 13:32	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/18/24 13:32	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/18/24 13:32	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/18/24 13:32	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/18/24 13:32	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/18/24 13:32	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/18/24 13:32	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/18/24 13:32	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/18/24 13:32	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/18/24 13:32	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/18/24 13:32	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/18/24 13:32	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/18/24 13:32	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/18/24 13:32	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/18/24 13:32	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/18/24 13:32	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/18/24 13:32	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/18/24 13:32	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/18/24 13:32	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/18/24 13:32	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/18/24 13:32	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/18/24 13:32	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/18/24 13:32	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/18/24 13:32	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/18/24 13:32	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/18/24 13:32	1

Client Sample ID: TB-06(111124)

Date Collected: 11/11/24 00:00
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-1

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/18/24 13:32	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/18/24 13:32	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/18/24 13:32	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/18/24 13:32	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/18/24 13:32	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/18/24 13:32	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/18/24 13:32	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/18/24 13:32	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/18/24 13:32	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/18/24 13:32	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/18/24 13:32	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/18/24 13:32	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/18/24 13:32	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/18/24 13:32	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/18/24 13:32	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/18/24 13:32	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/18/24 13:32	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/18/24 13:32	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/18/24 13:32	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/18/24 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*63 - 144*		*11/18/24 13:32*	*1*
4-Bromofluorobenzene (Surr)	*94*		*74 - 124*		*11/18/24 13:32*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 131*		*11/18/24 13:32*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/18/24 13:32*	*1*

Client Sample ID: MW-24

Date Collected: 11/11/24 11:33
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-2

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/18/24 23:21	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/18/24 23:21	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/18/24 23:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/18/24 23:21	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/18/24 23:21	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/18/24 23:21	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/18/24 23:21	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/18/24 23:21	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/18/24 23:21	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/18/24 23:21	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/18/24 23:21	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/18/24 23:21	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/18/24 23:21	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/18/24 23:21	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/18/24 23:21	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/18/24 23:21	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/18/24 23:21	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: MW-24
Date Collected: 11/11/24 11:33
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/18/24 23:21	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/18/24 23:21	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/18/24 23:21	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/18/24 23:21	1
Acetone	<3.07	U	100	3.07	ug/L			11/18/24 23:21	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/18/24 23:21	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/18/24 23:21	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/18/24 23:21	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/18/24 23:21	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/18/24 23:21	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/18/24 23:21	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/18/24 23:21	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/18/24 23:21	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/18/24 23:21	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/18/24 23:21	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/18/24 23:21	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/18/24 23:21	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/18/24 23:21	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/18/24 23:21	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/18/24 23:21	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/18/24 23:21	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/18/24 23:21	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/18/24 23:21	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/18/24 23:21	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/18/24 23:21	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/18/24 23:21	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/18/24 23:21	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/18/24 23:21	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/18/24 23:21	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/18/24 23:21	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/18/24 23:21	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/18/24 23:21	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/18/24 23:21	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/18/24 23:21	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/18/24 23:21	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/18/24 23:21	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/18/24 23:21	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/18/24 23:21	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/18/24 23:21	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/18/24 23:21	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/18/24 23:21	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/18/24 23:21	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/18/24 23:21	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/18/24 23:21	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/18/24 23:21	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/18/24 23:21	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/18/24 23:21	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/18/24 23:21	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/18/24 23:21	1

Client Sample ID: MW-24

Date Collected: 11/11/24 11:33
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-2

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/18/24 23:21	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/18/24 23:21	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/18/24 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*11/18/24 23:21*	*1*
4-Bromofluorobenzene (Surr)	*93*		*74 - 124*		*11/18/24 23:21*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 131*		*11/18/24 23:21*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*11/18/24 23:21*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0765	U	0.571	0.0765	ug/L		11/14/24 08:14	11/19/24 03:02	1
1,2-Dichlorobenzene	<0.0939	U	0.571	0.0939	ug/L		11/14/24 08:14	11/19/24 03:02	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/14/24 08:14	11/19/24 03:02	1
1,4-Dichlorobenzene	<0.0778	U	0.571	0.0778	ug/L		11/14/24 08:14	11/19/24 03:02	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.85	1.43	ug/L		11/14/24 08:14	11/19/24 03:02	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/14/24 08:14	11/19/24 03:02	1
2,4,6-Trichlorophenol	<0.230	U	0.571	0.230	ug/L		11/14/24 08:14	11/19/24 03:02	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/14/24 08:14	11/19/24 03:02	1
2,4-Dimethylphenol	<0.192	U *+	0.571	0.192	ug/L		11/14/24 08:14	11/19/24 03:02	1
1,4-Dioxane	**0.949**		0.571	0.0889	ug/L		11/14/24 08:14	11/19/24 03:02	1
2,4-Dinitrophenol	<0.104	U	2.85	0.104	ug/L		11/14/24 08:14	11/19/24 03:02	1
2,4-Dinitrotoluene	<0.204	U *+	0.571	0.204	ug/L		11/14/24 08:14	11/19/24 03:02	1
2,6-Dinitrotoluene	<0.116	U *+	0.571	0.116	ug/L		11/14/24 08:14	11/19/24 03:02	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/14/24 08:14	11/19/24 03:02	1
2-Methylnaphthalene	<0.0602	U	0.571	0.0602	ug/L		11/14/24 08:14	11/19/24 03:02	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/14/24 08:14	11/19/24 03:02	1
2-Nitroaniline	<0.149	U *+	0.571	0.149	ug/L		11/14/24 08:14	11/19/24 03:02	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/14/24 08:14	11/19/24 03:02	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/14/24 08:14	11/19/24 03:02	1
3-Nitroaniline	<0.0851	U	0.571	0.0851	ug/L		11/14/24 08:14	11/19/24 03:02	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/14/24 08:14	11/19/24 03:02	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/14/24 08:14	11/19/24 03:02	1
4-Chloro-3-methylphenol	<0.103	U	0.571	0.103	ug/L		11/14/24 08:14	11/19/24 03:02	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/14/24 08:14	11/19/24 03:02	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/14/24 08:14	11/19/24 03:02	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/14/24 08:14	11/19/24 03:02	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/14/24 08:14	11/19/24 03:02	1
Acenaphthylene	<0.0995	U	0.571	0.0995	ug/L		11/14/24 08:14	11/19/24 03:02	1
Aniline	<0.0579	U	0.571	0.0579	ug/L		11/14/24 08:14	11/19/24 03:02	1
Anthracene	<0.0937	U	0.571	0.0937	ug/L		11/14/24 08:14	11/19/24 03:02	1
Benzo[a]anthracene	<0.0285	U	0.0285	0.0285	ug/L		11/14/24 08:14	11/19/24 03:02	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/14/24 08:14	11/19/24 03:02	1
Benzo[b]fluoranthene	<0.0663	U	0.571	0.0663	ug/L		11/14/24 08:14	11/19/24 03:02	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/14/24 08:14	11/19/24 03:02	1
Benzo[k]fluoranthene	<0.0472	U	0.571	0.0472	ug/L		11/14/24 08:14	11/19/24 03:02	1
Benzyl alcohol	<0.599	U	1.14	0.599	ug/L		11/14/24 08:14	11/19/24 03:02	1
Bis(2-chloroethoxy)methane	<0.0973	U	0.571	0.0973	ug/L		11/14/24 08:14	11/19/24 03:02	1
Bis(2-chloroethyl)ether	<0.214	U *+	0.571	0.214	ug/L		11/14/24 08:14	11/19/24 03:02	1

Client Sample ID: MW-24
Date Collected: 11/11/24 11:33
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<0.899	U	1.14	0.899	ug/L		11/14/24 08:14	11/19/24 03:02	1
Butyl benzyl phthalate	<0.499	U	1.14	0.499	ug/L		11/14/24 08:14	11/19/24 03:02	1
Chrysene	<0.0814	U	0.571	0.0814	ug/L		11/14/24 08:14	11/19/24 03:02	1
Dibenz(a,h)anthracene	<0.0508	U	0.114	0.0508	ug/L		11/14/24 08:14	11/19/24 03:02	1
Dibenzofuran	<0.106	U	0.571	0.106	ug/L		11/14/24 08:14	11/19/24 03:02	1
Diethyl phthalate	<0.154	U *+	1.14	0.154	ug/L		11/14/24 08:14	11/19/24 03:02	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/14/24 08:14	11/19/24 03:02	1
Di-n-butyl phthalate	<0.764	U *+	1.14	0.764	ug/L		11/14/24 08:14	11/19/24 03:02	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/14/24 08:14	11/19/24 03:02	1
Fluoranthene	<0.0882	U	0.571	0.0882	ug/L		11/14/24 08:14	11/19/24 03:02	1
Fluorene	<0.0947	U	0.571	0.0947	ug/L		11/14/24 08:14	11/19/24 03:02	1
Hexachlorobenzene	<0.0973	U	0.571	0.0973	ug/L		11/14/24 08:14	11/19/24 03:02	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/14/24 08:14	11/19/24 03:02	1
Hexachlorocyclopentadiene	<0.0511	U	0.571	0.0511	ug/L		11/14/24 08:14	11/19/24 03:02	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/14/24 08:14	11/19/24 03:02	1
Indeno[1,2,3-cd]pyrene	<0.0999	U	0.571	0.0999	ug/L		11/14/24 08:14	11/19/24 03:02	1
Isophorone	<0.106	U	0.571	0.106	ug/L		11/14/24 08:14	11/19/24 03:02	1
Naphthalene	<0.0943	U	0.571	0.0943	ug/L		11/14/24 08:14	11/19/24 03:02	1
Nitrobenzene	<0.0735	U	0.571	0.0735	ug/L		11/14/24 08:14	11/19/24 03:02	1
N-Nitrosodi-n-propylamine	<0.118	U	0.571	0.118	ug/L		11/14/24 08:14	11/19/24 03:02	1
N-Nitrosodiphenylamine	<0.144	U *+	0.571	0.144	ug/L		11/14/24 08:14	11/19/24 03:02	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/14/24 08:14	11/19/24 03:02	1
Phenanthrene	<0.134	U *+	0.571	0.134	ug/L		11/14/24 08:14	11/19/24 03:02	1
Phenol	<0.447	U	2.85	0.447	ug/L		11/14/24 08:14	11/19/24 03:02	1
Pyrene	<0.0847	U	0.571	0.0847	ug/L		11/14/24 08:14	11/19/24 03:02	1
Pyridine	<1.44	U	2.85	1.44	ug/L		11/14/24 08:14	11/19/24 03:02	1
N-Nitro-o-toluidine	<0.519	U	1.14	0.519	ug/L		11/14/24 08:14	11/19/24 03:02	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.571	0.210	ug/L		11/14/24 08:14	11/19/24 03:02	1
Acetophenone	<0.623	U	1.14	0.623	ug/L		11/14/24 08:14	11/19/24 03:02	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/14/24 08:14	11/19/24 03:02	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/14/24 08:14	11/19/24 03:02	1
Diphenyl ether	**0.793**		0.571	0.0909	ug/L		11/14/24 08:14	11/19/24 03:02	1
1,1'-Biphenyl	<0.0980	U	0.571	0.0980	ug/L		11/14/24 08:14	11/19/24 03:02	1
4-Aminobiphenyl	<0.393	U *+	0.571	0.393	ug/L		11/14/24 08:14	11/19/24 03:02	1
1,2,4,5-Tetrachlorobenzene	<0.0956	U *-	0.571	0.0956	ug/L		11/14/24 08:14	11/19/24 03:02	1
1,3,5-Trinitrobenzene	<0.119	U *+	0.571	0.119	ug/L		11/14/24 08:14	11/19/24 03:02	1
1,3-Dinitrobenzene	<0.0772	U *+	0.571	0.0772	ug/L		11/14/24 08:14	11/19/24 03:02	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/14/24 08:14	11/19/24 03:02	1
1-Naphthylamine	<0.148	U	0.571	0.148	ug/L		11/14/24 08:14	11/19/24 03:02	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/14/24 08:14	11/19/24 03:02	1
2-Acetylaminofluorene	<1.26	U *+	2.85	1.26	ug/L		11/14/24 08:14	11/19/24 03:02	1
2-Chlorophenol	<0.0755	U *+	0.571	0.0755	ug/L		11/14/24 08:14	11/19/24 03:02	1
2-Naphthylamine	<0.288	U *+	0.571	0.288	ug/L		11/14/24 08:14	11/19/24 03:02	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/14/24 08:14	11/19/24 03:02	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/14/24 08:14	11/19/24 03:02	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/14/24 08:14	11/19/24 03:02	1
3,3'-Dimethylbenzidine	<0.142	U *+	0.571	0.142	ug/L		11/14/24 08:14	11/19/24 03:02	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/14/24 08:14	11/19/24 03:02	1
4-Nitroquinoline-1-oxide	<0.729	U	1.14	0.729	ug/L		11/14/24 08:14	11/19/24 03:02	1

Client Sample ID: MW-24
Date Collected: 11/11/24 11:33
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/14/24 08:14	11/19/24 03:02	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U *- *1	5.71	3.67	ug/L		11/14/24 08:14	11/19/24 03:02	1
Aramite Peak 1	<0.0784	U *+	0.571	0.0784	ug/L		11/14/24 08:14	11/19/24 03:02	1
Aramite Peak 2	<0.0952	U *+	0.571	0.0952	ug/L		11/14/24 08:14	11/19/24 03:02	1
Aramite, Total	<0.0952	U	0.571	0.0952	ug/L		11/14/24 08:14	11/19/24 03:02	1
Diallate	<0.0834	U	0.571	0.0834	ug/L		11/14/24 08:14	11/19/24 03:02	1
Diallate Peak 1	<0.0834	U *+	0.571	0.0834	ug/L		11/14/24 08:14	11/19/24 03:02	1
Diallate Peak 2	<0.0385	U *+	0.571	0.0385	ug/L		11/14/24 08:14	11/19/24 03:02	1
Dimethoate	<0.121	U *+	0.571	0.121	ug/L		11/14/24 08:14	11/19/24 03:02	1
Dinoseb	<0.569	U *+	2.85	0.569	ug/L		11/14/24 08:14	11/19/24 03:02	1
Disulfoton	<0.202	U *+	0.571	0.202	ug/L		11/14/24 08:14	11/19/24 03:02	1
Ethyl methanesulfonate	<0.226	U	0.571	0.226	ug/L		11/14/24 08:14	11/19/24 03:02	1
Ethyl Parathion	<0.0501	U *+	0.228	0.0501	ug/L		11/14/24 08:14	11/19/24 03:02	1
Famphur	<0.151	U *+	1.14	0.151	ug/L		11/14/24 08:14	11/19/24 03:02	1
Hexachloropropene	<0.299	U *-	0.571	0.299	ug/L		11/14/24 08:14	11/19/24 03:02	1
Isosafrole	<0.240	U	0.571	0.240	ug/L		11/14/24 08:14	11/19/24 03:02	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/14/24 08:14	11/19/24 03:02	1
Isosafrole Peak 2	<0.240	U	0.571	0.240	ug/L		11/14/24 08:14	11/19/24 03:02	1
Methapyrilene	<0.998	U *+	2.28	0.998	ug/L		11/14/24 08:14	11/19/24 03:02	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/14/24 08:14	11/19/24 03:02	1
Methyl parathion	<0.319	U *+	0.571	0.319	ug/L		11/14/24 08:14	11/19/24 03:02	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/14/24 08:14	11/19/24 03:02	1
N-Nitrosodimethylamine	<0.0999	U *-	0.571	0.0999	ug/L		11/14/24 08:14	11/19/24 03:02	1
N-Nitrosodi-n-butylamine	<0.515	U *+	1.14	0.515	ug/L		11/14/24 08:14	11/19/24 03:02	1
N-Nitrosomethylethylamine	<0.293	U	0.571	0.293	ug/L		11/14/24 08:14	11/19/24 03:02	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/14/24 08:14	11/19/24 03:02	1
N-Nitrosopyrrolidine	<0.267	U	0.571	0.267	ug/L		11/14/24 08:14	11/19/24 03:02	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.571	0.138	ug/L		11/14/24 08:14	11/19/24 03:02	1
p-Dimethylamino azobenzene	<0.0237	U *+	0.571	0.0237	ug/L		11/14/24 08:14	11/19/24 03:02	1
Pentachloronitrobenzene	<0.0999	U *+	0.571	0.0999	ug/L		11/14/24 08:14	11/19/24 03:02	1
Phenacetin	<0.0999	U *+	0.571	0.0999	ug/L		11/14/24 08:14	11/19/24 03:02	1
Phorate	<0.221	U *+	0.571	0.221	ug/L		11/14/24 08:14	11/19/24 03:02	1
p-Phenylene diamine	<0.499	U *-	1.14	0.499	ug/L		11/14/24 08:14	11/19/24 03:02	1
Pronamide	<0.0999	U *+	0.571	0.0999	ug/L		11/14/24 08:14	11/19/24 03:02	1
Safrole, Total	<0.0570	U	0.571	0.0570	ug/L		11/14/24 08:14	11/19/24 03:02	1
Sulfotepp	<0.146	U *+	0.571	0.146	ug/L		11/14/24 08:14	11/19/24 03:02	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/14/24 08:14	11/19/24 03:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*112*		*35 - 130*	*11/14/24 08:14*	*11/19/24 03:02*	*1*
2-Fluorobiphenyl	*110*		*43 - 130*	*11/14/24 08:14*	*11/19/24 03:02*	*1*
2-Fluorophenol (Surr)	*64*		*19 - 120*	*11/14/24 08:14*	*11/19/24 03:02*	*1*
Nitrobenzene-d5 (Surr)	*96*		*37 - 133*	*11/14/24 08:14*	*11/19/24 03:02*	*1*
Phenol-d5 (Surr)	*38*		*8 - 124*	*11/14/24 08:14*	*11/19/24 03:02*	*1*
p-Terphenyl-d14	*114*		*47 - 130*	*11/14/24 08:14*	*11/19/24 03:02*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0759	U H	0.566	0.0759	ug/L		11/20/24 07:01	12/14/24 12:42	1
1,2-Dichlorobenzene	<0.0931	U H	0.566	0.0931	ug/L		11/20/24 07:01	12/14/24 12:42	1

Client Sample ID: MW-24
Date Collected: 11/11/24 11:33
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<0.101	U H	0.566	0.101	ug/L		11/20/24 07:01	12/14/24 12:42	1
1,4-Dichlorobenzene	<0.0771	U H	0.566	0.0771	ug/L		11/20/24 07:01	12/14/24 12:42	1
2,2'-oxybis[1-chloropropane]	<1.41	U H	2.83	1.41	ug/L		11/20/24 07:01	12/14/24 12:42	1
2,4,5-Trichlorophenol	<0.142	U *+ H	0.566	0.142	ug/L		11/20/24 07:01	12/14/24 12:42	1
2,4,6-Trichlorophenol	<0.228	U *+ H	0.566	0.228	ug/L		11/20/24 07:01	12/14/24 12:42	1
2,4-Dichlorophenol	<0.139	U H	0.566	0.139	ug/L		11/20/24 07:01	12/14/24 12:42	1
2,4-Dimethylphenol	<0.190	U *+ H	0.566	0.190	ug/L		11/20/24 07:01	12/14/24 12:42	1
1,4-Dioxane	**1.26**	**H**	0.566	0.0881	ug/L		11/20/24 07:01	12/14/24 12:42	1
2,4-Dinitrophenol	<0.103	U H	2.83	0.103	ug/L		11/20/24 07:01	12/14/24 12:42	1
2,4-Dinitrotoluene	<0.203	U *+ H	0.566	0.203	ug/L		11/20/24 07:01	12/14/24 12:42	1
2,6-Dinitrotoluene	<0.115	U H	0.566	0.115	ug/L		11/20/24 07:01	12/14/24 12:42	1
2-Chloronaphthalene	<0.374	U H	0.566	0.374	ug/L		11/20/24 07:01	12/14/24 12:42	1
2-Methylnaphthalene	<0.0597	U H	0.566	0.0597	ug/L		11/20/24 07:01	12/14/24 12:42	1
2-Methylphenol	<0.104	U H	0.566	0.104	ug/L		11/20/24 07:01	12/14/24 12:42	1
2-Nitroaniline	<0.147	U *+ H	0.566	0.147	ug/L		11/20/24 07:01	12/14/24 12:42	1
2-Nitrophenol	<0.135	U H	0.566	0.135	ug/L		11/20/24 07:01	12/14/24 12:42	1
3 & 4 Methylphenol	<0.138	U H	0.566	0.138	ug/L		11/20/24 07:01	12/14/24 12:42	1
3-Nitroaniline	<0.0844	U H	0.566	0.0844	ug/L		11/20/24 07:01	12/14/24 12:42	1
4,6-Dinitro-2-methylphenol	<0.199	U H	1.13	0.199	ug/L		11/20/24 07:01	12/14/24 12:42	1
4-Bromophenyl phenyl ether	<0.0993	U *+ H	0.566	0.0993	ug/L		11/20/24 07:01	12/14/24 12:42	1
4-Chloro-3-methylphenol	<0.103	U H	0.566	0.103	ug/L		11/20/24 07:01	12/14/24 12:42	1
4-Chloroaniline	<0.0382	U H	0.566	0.0382	ug/L		11/20/24 07:01	12/14/24 12:42	1
4-Chlorophenyl phenyl ether	<0.129	U H	0.566	0.129	ug/L		11/20/24 07:01	12/14/24 12:42	1
4-Nitroaniline	<0.108	U H	0.566	0.108	ug/L		11/20/24 07:01	12/14/24 12:42	1
Acenaphthene	<0.106	U H	0.566	0.106	ug/L		11/20/24 07:01	12/14/24 12:42	1
Acenaphthylene	<0.0987	U H	0.566	0.0987	ug/L		11/20/24 07:01	12/14/24 12:42	1
Aniline	<0.0574	U H	0.566	0.0574	ug/L		11/20/24 07:01	12/14/24 12:42	1
Anthracene	<0.0929	U H	0.566	0.0929	ug/L		11/20/24 07:01	12/14/24 12:42	1
Benzo[a]anthracene	<0.0283	U *+ H	0.0283	0.0283	ug/L		11/20/24 07:01	12/14/24 12:42	1
Benzo[a]pyrene	<0.0297	U H	0.0566	0.0297	ug/L		11/20/24 07:01	12/14/24 12:42	1
Benzo[b]fluoranthene	<0.0657	U *+ H	0.566	0.0657	ug/L		11/20/24 07:01	12/14/24 12:42	1
Benzo[g,h,i]perylene	<0.0342	U H	0.566	0.0342	ug/L		11/20/24 07:01	12/14/24 12:42	1
Benzo[k]fluoranthene	<0.0468	U *+ H	0.566	0.0468	ug/L		11/20/24 07:01	12/14/24 12:42	1
Benzyl alcohol	<0.594	U H	1.13	0.594	ug/L		11/20/24 07:01	12/14/24 12:42	1
Bis(2-chloroethoxy)methane	<0.0965	U H	0.566	0.0965	ug/L		11/20/24 07:01	12/14/24 12:42	1
Bis(2-chloroethyl)ether	<0.212	U *+ H	0.566	0.212	ug/L		11/20/24 07:01	12/14/24 12:42	1
Bis(2-ethylhexyl) phthalate	<0.891	U *+ H	1.13	0.891	ug/L		11/20/24 07:01	12/14/24 12:42	1
Butyl benzyl phthalate	<0.495	U H	1.13	0.495	ug/L		11/20/24 07:01	12/14/24 12:42	1
Chrysene	<0.0807	U *+ H	0.566	0.0807	ug/L		11/20/24 07:01	12/14/24 12:42	1
Dibenz(a,h)anthracene	<0.0504	U H	0.113	0.0504	ug/L		11/20/24 07:01	12/14/24 12:42	1
Dibenzofuran	<0.105	U *+ H	0.566	0.105	ug/L		11/20/24 07:01	12/14/24 12:42	1
Diethyl phthalate	<0.153	U *+ H	1.13	0.153	ug/L		11/20/24 07:01	12/14/24 12:42	1
Dimethyl phthalate	<0.107	U H	1.13	0.107	ug/L		11/20/24 07:01	12/14/24 12:42	1
Di-n-butyl phthalate	<0.757	U *+ H	1.13	0.757	ug/L		11/20/24 07:01	12/14/24 12:42	1
Di-n-octyl phthalate	<0.266	U *+ H *1	1.13	0.266	ug/L		11/20/24 07:01	12/14/24 12:42	1
Fluoranthene	<0.0874	U H *+	0.566	0.0874	ug/L		11/20/24 07:01	12/14/24 12:42	1
Fluorene	<0.0939	U H	0.566	0.0939	ug/L		11/20/24 07:01	12/14/24 12:42	1
Hexachlorobenzene	<0.0965	U H	0.566	0.0965	ug/L		11/20/24 07:01	12/14/24 12:42	1
Hexachlorobutadiene	<0.102	U H	0.566	0.102	ug/L		11/20/24 07:01	12/14/24 12:42	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: MW-24
Date Collected: 11/11/24 11:33
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.0507	U H	0.566	0.0507	ug/L		11/20/24 07:01	12/14/24 12:42	1
Hexachloroethane	<0.101	U H	0.566	0.101	ug/L		11/20/24 07:01	12/14/24 12:42	1
Indeno[1,2,3-cd]pyrene	<0.0990	U H	0.566	0.0990	ug/L		11/20/24 07:01	12/14/24 12:42	1
Isophorone	<0.105	U H	0.566	0.105	ug/L		11/20/24 07:01	12/14/24 12:42	1
Naphthalene	<0.0935	U H	0.566	0.0935	ug/L		11/20/24 07:01	12/14/24 12:42	1
Nitrobenzene	<0.0729	U H	0.566	0.0729	ug/L		11/20/24 07:01	12/14/24 12:42	1
N-Nitrosodi-n-propylamine	<0.117	U H	0.566	0.117	ug/L		11/20/24 07:01	12/14/24 12:42	1
N-Nitrosodiphenylamine	<0.143	U *+ H	0.566	0.143	ug/L		11/20/24 07:01	12/14/24 12:42	1
Pentachlorophenol	<1.03	U H	1.13	1.03	ug/L		11/20/24 07:01	12/14/24 12:42	1
Phenanthrene	<0.133	U H	0.566	0.133	ug/L		11/20/24 07:01	12/14/24 12:42	1
Phenol	<0.444	U H *1	2.83	0.444	ug/L		11/20/24 07:01	12/14/24 12:42	1
Pyrene	<0.0840	U *+ H	0.566	0.0840	ug/L		11/20/24 07:01	12/14/24 12:42	1
Pyridine	<1.42	U H	2.83	1.42	ug/L		11/20/24 07:01	12/14/24 12:42	1
N-Nitro-o-toluidine	<0.515	U H	1.13	0.515	ug/L		11/20/24 07:01	12/14/24 12:42	1
2,3,4,6-Tetrachlorophenol	<0.209	U *+ H	0.566	0.209	ug/L		11/20/24 07:01	12/14/24 12:42	1
Acetophenone	<0.618	U *+ H	1.13	0.618	ug/L		11/20/24 07:01	12/14/24 12:42	1
N-Nitrosopiperidine	<0.463	U H	1.13	0.463	ug/L		11/20/24 07:01	12/14/24 12:42	1
Pentachlorobenzene	<0.263	U H	0.566	0.263	ug/L		11/20/24 07:01	12/14/24 12:42	1
Diphenyl ether	**1.18**	**H**	0.566	0.0901	ug/L		11/20/24 07:01	12/14/24 12:42	1
1,1'-Biphenyl	<0.0972	U H	0.566	0.0972	ug/L		11/20/24 07:01	12/14/24 12:42	1
4-Aminobiphenyl	<0.390	U H	0.566	0.390	ug/L		11/20/24 07:01	12/14/24 12:42	1
1,2,4,5-Tetrachlorobenzene	<0.0948	U H	0.566	0.0948	ug/L		11/20/24 07:01	12/14/24 12:42	1
1,3,5-Trinitrobenzene	<0.118	U H	0.566	0.118	ug/L		11/20/24 07:01	12/14/24 12:42	1
1,3-Dinitrobenzene	<0.0765	U H	0.566	0.0765	ug/L		11/20/24 07:01	12/14/24 12:42	1
1,4-Naphthoquinone	<0.311	U H	0.566	0.311	ug/L		11/20/24 07:01	12/14/24 12:42	1
1-Naphthylamine	<0.147	U H	0.566	0.147	ug/L		11/20/24 07:01	12/14/24 12:42	1
2,6-Dichlorophenol	<0.117	U H	0.566	0.117	ug/L		11/20/24 07:01	12/14/24 12:42	1
2-Acetylaminofluorene	<1.25	U *+ H	2.83	1.25	ug/L		11/20/24 07:01	12/14/24 12:42	1
2-Chlorophenol	<0.0749	U H	0.566	0.0749	ug/L		11/20/24 07:01	12/14/24 12:42	1
2-Naphthylamine	<0.285	U H	0.566	0.285	ug/L		11/20/24 07:01	12/14/24 12:42	1
2-Picoline	<0.121	U H	0.566	0.121	ug/L		11/20/24 07:01	12/14/24 12:42	1
2-Toluidine	<0.303	U H *- *1	0.566	0.303	ug/L		11/20/24 07:01	12/14/24 12:42	1
3,3'-Dichlorobenzidine	<0.181	U H	0.566	0.181	ug/L		11/20/24 07:01	12/14/24 12:42	1
3,3'-Dimethylbenzidine	<0.140	U H	0.566	0.140	ug/L		11/20/24 07:01	12/14/24 12:42	1
3-Methylcholanthrene	<0.103	U H	0.566	0.103	ug/L		11/20/24 07:01	12/14/24 12:42	1
4-Nitroquinoline-1-oxide	<0.723	U H	1.13	0.723	ug/L		11/20/24 07:01	12/14/24 12:42	1
7,12-Dimethylbenz(a)anthracene	<0.239	U *+ H	0.566	0.239	ug/L		11/20/24 07:01	12/14/24 12:42	1
alpha,alpha-Dimethyl phenethylamine	<3.63	U H *-	5.66	3.63	ug/L		11/20/24 07:01	12/14/24 12:42	1
Aramite Peak 1	<0.0777	U *+ H	0.566	0.0777	ug/L		11/20/24 07:01	12/14/24 12:42	1
Aramite Peak 2	<0.0944	U *+ H	0.566	0.0944	ug/L		11/20/24 07:01	12/14/24 12:42	1
Aramite, Total	<0.0944	U H	0.566	0.0944	ug/L		11/20/24 07:01	12/14/24 12:42	1
Diallate	<0.0827	U H	0.566	0.0827	ug/L		11/20/24 07:01	12/14/24 12:42	1
Diallate Peak 1	<0.0827	U H *+	0.566	0.0827	ug/L		11/20/24 07:01	12/14/24 12:42	1
Diallate Peak 2	<0.0381	U H	0.566	0.0381	ug/L		11/20/24 07:01	12/14/24 12:42	1
Dimethoate	<0.120	U *+ H	0.566	0.120	ug/L		11/20/24 07:01	12/14/24 12:42	1
Dinoseb	<0.564	U *+ H	2.83	0.564	ug/L		11/20/24 07:01	12/14/24 12:42	1
Disulfoton	<0.201	U *+ H	0.566	0.201	ug/L		11/20/24 07:01	12/14/24 12:42	1
Ethyl methanesulfonate	<0.224	U H	0.566	0.224	ug/L		11/20/24 07:01	12/14/24 12:42	1
Ethyl Parathion	<0.0497	U *+ H	0.226	0.0497	ug/L		11/20/24 07:01	12/14/24 12:42	1

Client Sample ID: MW-24
Lab Sample ID: 860-86937-2
Date Collected: 11/11/24 11:33
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Famphur	<0.149	U *+ H	1.13	0.149	ug/L		11/20/24 07:01	12/14/24 12:42	1
Hexachloropropene	<0.297	U H *-	0.566	0.297	ug/L		11/20/24 07:01	12/14/24 12:42	1
Isosafrole	<0.238	U H	0.566	0.238	ug/L		11/20/24 07:01	12/14/24 12:42	1
Isosafrole Peak 1	<0.0459	U H	0.566	0.0459	ug/L		11/20/24 07:01	12/14/24 12:42	1
Isosafrole Peak 2	<0.238	U H	0.566	0.238	ug/L		11/20/24 07:01	12/14/24 12:42	1
Methapyrilene	<0.990	U *+ H	2.26	0.990	ug/L		11/20/24 07:01	12/14/24 12:42	1
Methyl methanesulfonate	<0.119	U H	0.566	0.119	ug/L		11/20/24 07:01	12/14/24 12:42	1
Methyl parathion	<0.316	U *+ H	0.566	0.316	ug/L		11/20/24 07:01	12/14/24 12:42	1
N-Nitrosodiethylamine	<0.533	U H	1.13	0.533	ug/L		11/20/24 07:01	12/14/24 12:42	1
N-Nitrosodimethylamine	<0.0990	U H *-	0.566	0.0990	ug/L		11/20/24 07:01	12/14/24 12:42	1
N-Nitrosodi-n-butylamine	<0.510	U *+ H	1.13	0.510	ug/L		11/20/24 07:01	12/14/24 12:42	1
N-Nitrosomethylethylamine	<0.291	U H	0.566	0.291	ug/L		11/20/24 07:01	12/14/24 12:42	1
N-Nitrosomorpholine	<0.218	U H	0.566	0.218	ug/L		11/20/24 07:01	12/14/24 12:42	1
N-Nitrosopyrrolidine	<0.265	U H	0.566	0.265	ug/L		11/20/24 07:01	12/14/24 12:42	1
o,o',o''-Triethylphosphorothioate	<0.137	U *+ H	0.566	0.137	ug/L		11/20/24 07:01	12/14/24 12:42	1
p-Dimethylamino azobenzene	<0.0235	U H *+	0.566	0.0235	ug/L		11/20/24 07:01	12/14/24 12:42	1
Pentachloronitrobenzene	<0.0990	U *+ H	0.566	0.0990	ug/L		11/20/24 07:01	12/14/24 12:42	1
Phenacetin	<0.0990	U *+ H	0.566	0.0990	ug/L		11/20/24 07:01	12/14/24 12:42	1
Phorate	<0.219	U *+ H	0.566	0.219	ug/L		11/20/24 07:01	12/14/24 12:42	1
p-Phenylene diamine	<0.495	U H *-	1.13	0.495	ug/L		11/20/24 07:01	12/14/24 12:42	1
Pronamide	<0.0990	U *+ H	0.566	0.0990	ug/L		11/20/24 07:01	12/14/24 12:42	1
Safrole, Total	<0.0565	U H	0.566	0.0565	ug/L		11/20/24 07:01	12/14/24 12:42	1
Sulfotepp	<0.145	U *+ H	0.566	0.145	ug/L		11/20/24 07:01	12/14/24 12:42	1
Thionazin	<0.206	U *+ H	1.13	0.206	ug/L		11/20/24 07:01	12/14/24 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*154*	*S1+*	*35 - 130*	*11/20/24 07:01*	*12/14/24 12:42*	*1*
2-Fluorobiphenyl	*129*		*43 - 130*	*11/20/24 07:01*	*12/14/24 12:42*	*1*
2-Fluorophenol (Surr)	*89*		*19 - 120*	*11/20/24 07:01*	*12/14/24 12:42*	*1*
Nitrobenzene-d5 (Surr)	*151*	*S1+*	*37 - 133*	*11/20/24 07:01*	*12/14/24 12:42*	*1*
Phenol-d5 (Surr)	*59*		*8 - 124*	*11/20/24 07:01*	*12/14/24 12:42*	*1*
p-Terphenyl-d14	*167*	*S1+*	*47 - 130*	*11/20/24 07:01*	*12/14/24 12:42*	*1*

Client Sample ID: MW-22
Lab Sample ID: 860-86937-3
Date Collected: 11/11/24 12:26
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/18/24 12:53	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/18/24 12:53	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/18/24 12:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/18/24 12:53	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/18/24 12:53	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/18/24 12:53	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/18/24 12:53	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/18/24 12:53	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/18/24 12:53	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/18/24 12:53	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/18/24 12:53	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: MW-22

Date Collected: 11/11/24 12:26
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/18/24 12:53	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/18/24 12:53	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/18/24 12:53	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/18/24 12:53	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/18/24 12:53	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/18/24 12:53	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/18/24 12:53	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/18/24 12:53	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/18/24 12:53	1
4-Methyl-2-pentanone	**31.9**	**J**	50.0	5.00	ug/L			11/18/24 12:53	1
Acetone	**11.4**	**J**	100	3.07	ug/L			11/18/24 12:53	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/18/24 12:53	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/18/24 12:53	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/18/24 12:53	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/18/24 12:53	1
Benzene	**84.9**		1.00	0.460	ug/L			11/18/24 12:53	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/18/24 12:53	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/18/24 12:53	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/18/24 12:53	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/18/24 12:53	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/18/24 12:53	1
Chlorobenzene	**6.27**		1.00	0.455	ug/L			11/18/24 12:53	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/18/24 12:53	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/18/24 12:53	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/18/24 12:53	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/18/24 12:53	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/18/24 12:53	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/18/24 12:53	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/18/24 12:53	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/18/24 12:53	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/18/24 12:53	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/18/24 12:53	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/18/24 12:53	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/18/24 12:53	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/18/24 12:53	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/18/24 12:53	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/18/24 12:53	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/18/24 12:53	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/18/24 12:53	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/18/24 12:53	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/18/24 12:53	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/18/24 12:53	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/18/24 12:53	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/18/24 12:53	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/18/24 12:53	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/18/24 12:53	1
Tetrahydrofuran	**7.34**	**J**	10.0	1.83	ug/L			11/18/24 12:53	1
Toluene	**0.817**	**J**	1.00	0.475	ug/L			11/18/24 12:53	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/18/24 12:53	1

Client Sample ID: MW-22

Date Collected: 11/11/24 12:26
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/18/24 12:53	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/18/24 12:53	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/18/24 12:53	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/18/24 12:53	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/18/24 12:53	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/18/24 12:53	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/18/24 12:53	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/18/24 12:53	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/18/24 12:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*63 - 144*		*11/18/24 12:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*11/19/24 00:39*	*1*
4-Bromofluorobenzene (Surr)	*93*		*74 - 124*		*11/18/24 12:53*	*1*
4-Bromofluorobenzene (Surr)	*92*		*74 - 124*		*11/19/24 00:39*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 131*		*11/18/24 12:53*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 131*		*11/19/24 00:39*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/18/24 12:53*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*11/19/24 00:39*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0763	U	0.569	0.0763	ug/L		11/14/24 08:14	11/19/24 03:32	1
1,2-Dichlorobenzene	<0.0937	U	0.569	0.0937	ug/L		11/14/24 08:14	11/19/24 03:32	1
1,3-Dichlorobenzene	<0.101	U	0.569	0.101	ug/L		11/14/24 08:14	11/19/24 03:32	1
1,4-Dichlorobenzene	<0.0776	U	0.569	0.0776	ug/L		11/14/24 08:14	11/19/24 03:32	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.84	1.42	ug/L		11/14/24 08:14	11/19/24 03:32	1
2,4,5-Trichlorophenol	<0.143	U	0.569	0.143	ug/L		11/14/24 08:14	11/19/24 03:32	1
2,4,6-Trichlorophenol	<0.230	U	0.569	0.230	ug/L		11/14/24 08:14	11/19/24 03:32	1
2,4-Dichlorophenol	<0.139	U	0.569	0.139	ug/L		11/14/24 08:14	11/19/24 03:32	1
2,4-Dimethylphenol	**2.13**	***+**	0.569	0.191	ug/L		11/14/24 08:14	11/19/24 03:32	1
1,4-Dioxane	**6.81**		0.569	0.0886	ug/L		11/14/24 08:14	11/19/24 03:32	1
2,4-Dinitrophenol	<0.104	U	2.84	0.104	ug/L		11/14/24 08:14	11/19/24 03:32	1
2,4-Dinitrotoluene	<0.204	U *+	0.569	0.204	ug/L		11/14/24 08:14	11/19/24 03:32	1
2,6-Dinitrotoluene	<0.116	U *+	0.569	0.116	ug/L		11/14/24 08:14	11/19/24 03:32	1
2-Chloronaphthalene	<0.377	U	0.569	0.377	ug/L		11/14/24 08:14	11/19/24 03:32	1
2-Methylnaphthalene	**0.765**	**I**	0.569	0.0600	ug/L		11/14/24 08:14	11/19/24 03:32	1
2-Methylphenol	**0.710**		0.569	0.104	ug/L		11/14/24 08:14	11/19/24 03:32	1
2-Nitroaniline	<0.148	U *+	0.569	0.148	ug/L		11/14/24 08:14	11/19/24 03:32	1
2-Nitrophenol	<0.135	U	0.569	0.135	ug/L		11/14/24 08:14	11/19/24 03:32	1
3 & 4 Methylphenol	**1.89**		0.569	0.138	ug/L		11/14/24 08:14	11/19/24 03:32	1
3-Nitroaniline	<0.0849	U	0.569	0.0849	ug/L		11/14/24 08:14	11/19/24 03:32	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/14/24 08:14	11/19/24 03:32	1
4-Bromophenyl phenyl ether	<0.0999	U	0.569	0.0999	ug/L		11/14/24 08:14	11/19/24 03:32	1
4-Chloro-3-methylphenol	<0.103	U	0.569	0.103	ug/L		11/14/24 08:14	11/19/24 03:32	1
4-Chloroaniline	<0.0384	U	0.569	0.0384	ug/L		11/14/24 08:14	11/19/24 03:32	1
4-Chlorophenyl phenyl ether	<0.130	U	0.569	0.130	ug/L		11/14/24 08:14	11/19/24 03:32	1
4-Nitroaniline	<0.108	U	0.569	0.108	ug/L		11/14/24 08:14	11/19/24 03:32	1
Acenaphthene	<0.107	U	0.569	0.107	ug/L		11/14/24 08:14	11/19/24 03:32	1
Acenaphthylene	<0.0992	U	0.569	0.0992	ug/L		11/14/24 08:14	11/19/24 03:32	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: MW-22
Date Collected: 11/11/24 12:26
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	<0.0577	U	0.569	0.0577	ug/L		11/14/24 08:14	11/19/24 03:32	1
Anthracene	<0.0934	U	0.569	0.0934	ug/L		11/14/24 08:14	11/19/24 03:32	1
Benzo[a]anthracene	<0.0284	U	0.0284	0.0284	ug/L		11/14/24 08:14	11/19/24 03:32	1
Benzo[a]pyrene	<0.0299	U	0.0569	0.0299	ug/L		11/14/24 08:14	11/19/24 03:32	1
Benzo[b]fluoranthene	<0.0661	U	0.569	0.0661	ug/L		11/14/24 08:14	11/19/24 03:32	1
Benzo[g,h,i]perylene	<0.0344	U	0.569	0.0344	ug/L		11/14/24 08:14	11/19/24 03:32	1
Benzo[k]fluoranthene	<0.0470	U	0.569	0.0470	ug/L		11/14/24 08:14	11/19/24 03:32	1
Benzyl alcohol	<0.597	U	1.14	0.597	ug/L		11/14/24 08:14	11/19/24 03:32	1
Bis(2-chloroethoxy)methane	<0.0970	U	0.569	0.0970	ug/L		11/14/24 08:14	11/19/24 03:32	1
Bis(2-chloroethyl)ether	<0.213	U *+	0.569	0.213	ug/L		11/14/24 08:14	11/19/24 03:32	1
Bis(2-ethylhexyl) phthalate	<0.896	U	1.14	0.896	ug/L		11/14/24 08:14	11/19/24 03:32	1
Butyl benzyl phthalate	<0.498	U	1.14	0.498	ug/L		11/14/24 08:14	11/19/24 03:32	1
Chrysene	<0.0812	U	0.569	0.0812	ug/L		11/14/24 08:14	11/19/24 03:32	1
Dibenz(a,h)anthracene	<0.0507	U	0.114	0.0507	ug/L		11/14/24 08:14	11/19/24 03:32	1
Dibenzofuran	**3.70**		0.569	0.106	ug/L		11/14/24 08:14	11/19/24 03:32	1
Diethyl phthalate	<0.154	U *+	1.14	0.154	ug/L		11/14/24 08:14	11/19/24 03:32	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/14/24 08:14	11/19/24 03:32	1
Di-n-butyl phthalate	<0.762	U *+	1.14	0.762	ug/L		11/14/24 08:14	11/19/24 03:32	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/14/24 08:14	11/19/24 03:32	1
Fluoranthene	<0.0879	U	0.569	0.0879	ug/L		11/14/24 08:14	11/19/24 03:32	1
Fluorene	<0.0944	U	0.569	0.0944	ug/L		11/14/24 08:14	11/19/24 03:32	1
Hexachlorobenzene	<0.0971	U	0.569	0.0971	ug/L		11/14/24 08:14	11/19/24 03:32	1
Hexachlorobutadiene	<0.102	U	0.569	0.102	ug/L		11/14/24 08:14	11/19/24 03:32	1
Hexachlorocyclopentadiene	<0.0510	U	0.569	0.0510	ug/L		11/14/24 08:14	11/19/24 03:32	1
Hexachloroethane	<0.101	U	0.569	0.101	ug/L		11/14/24 08:14	11/19/24 03:32	1
Indeno[1,2,3-cd]pyrene	<0.0996	U	0.569	0.0996	ug/L		11/14/24 08:14	11/19/24 03:32	1
Isophorone	<0.106	U	0.569	0.106	ug/L		11/14/24 08:14	11/19/24 03:32	1
Naphthalene	**20.4**		0.569	0.0940	ug/L		11/14/24 08:14	11/19/24 03:32	1
Nitrobenzene	<0.0733	U	0.569	0.0733	ug/L		11/14/24 08:14	11/19/24 03:32	1
N-Nitrosodi-n-propylamine	<0.118	U	0.569	0.118	ug/L		11/14/24 08:14	11/19/24 03:32	1
N-Nitrosodiphenylamine	<0.144	U *+	0.569	0.144	ug/L		11/14/24 08:14	11/19/24 03:32	1
Pentachlorophenol	<1.03	U	1.14	1.03	ug/L		11/14/24 08:14	11/19/24 03:32	1
Phenanthrene	<0.133	U *+	0.569	0.133	ug/L		11/14/24 08:14	11/19/24 03:32	1
Pyrene	<0.0845	U	0.569	0.0845	ug/L		11/14/24 08:14	11/19/24 03:32	1
Pyridine	<1.43	U	2.84	1.43	ug/L		11/14/24 08:14	11/19/24 03:32	1
N-Nitro-o-toluidine	<0.518	U	1.14	0.518	ug/L		11/14/24 08:14	11/19/24 03:32	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.569	0.210	ug/L		11/14/24 08:14	11/19/24 03:32	1
Acetophenone	**8.05**		1.14	0.621	ug/L		11/14/24 08:14	11/19/24 03:32	1
N-Nitrosopiperidine	<0.465	U	1.14	0.465	ug/L		11/14/24 08:14	11/19/24 03:32	1
Pentachlorobenzene	<0.265	U	0.569	0.265	ug/L		11/14/24 08:14	11/19/24 03:32	1
4-Aminobiphenyl	<0.392	U *+	0.569	0.392	ug/L		11/14/24 08:14	11/19/24 03:32	1
1,2,4,5-Tetrachlorobenzene	<0.0953	U *-	0.569	0.0953	ug/L		11/14/24 08:14	11/19/24 03:32	1
1,3,5-Trinitrobenzene	<0.118	U *+	0.569	0.118	ug/L		11/14/24 08:14	11/19/24 03:32	1
1,3-Dinitrobenzene	<0.0770	U *+	0.569	0.0770	ug/L		11/14/24 08:14	11/19/24 03:32	1
1,4-Naphthoquinone	<0.313	U	0.569	0.313	ug/L		11/14/24 08:14	11/19/24 03:32	1
1-Naphthylamine	<0.148	U	0.569	0.148	ug/L		11/14/24 08:14	11/19/24 03:32	1
2,6-Dichlorophenol	<0.118	U	0.569	0.118	ug/L		11/14/24 08:14	11/19/24 03:32	1
2-Acetylaminofluorene	<1.26	U *+	2.84	1.26	ug/L		11/14/24 08:14	11/19/24 03:32	1
2-Chlorophenol	**0.131**	**J *+**	0.569	0.0753	ug/L		11/14/24 08:14	11/19/24 03:32	1

Client Sample ID: MW-22

Date Collected: 11/11/24 12:26
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-3

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Naphthylamine	<0.287	U *+	0.569	0.287	ug/L		11/14/24 08:14	11/19/24 03:32	1
2-Picoline	<0.122	U	0.569	0.122	ug/L		11/14/24 08:14	11/19/24 03:32	1
2-Toluidine	<0.305	U	0.569	0.305	ug/L		11/14/24 08:14	11/19/24 03:32	1
3,3'-Dichlorobenzidine	<0.182	U	0.569	0.182	ug/L		11/14/24 08:14	11/19/24 03:32	1
3,3'-Dimethylbenzidine	<0.141	U *+	0.569	0.141	ug/L		11/14/24 08:14	11/19/24 03:32	1
3-Methylcholanthrene	<0.104	U	0.569	0.104	ug/L		11/14/24 08:14	11/19/24 03:32	1
4-Nitroquinoline-1-oxide	<0.727	U	1.14	0.727	ug/L		11/14/24 08:14	11/19/24 03:32	1
7,12-Dimethylbenz(a)anthracene	<0.240	U	0.569	0.240	ug/L		11/14/24 08:14	11/19/24 03:32	1
alpha,alpha-Dimethyl phenethylamine	<3.65	U *- *1	5.69	3.65	ug/L		11/14/24 08:14	11/19/24 03:32	1
Aramite Peak 1	<0.0782	U *+	0.569	0.0782	ug/L		11/14/24 08:14	11/19/24 03:32	1
Aramite Peak 2	<0.0950	U *+	0.569	0.0950	ug/L		11/14/24 08:14	11/19/24 03:32	1
Aramite, Total	<0.0950	U	0.569	0.0950	ug/L		11/14/24 08:14	11/19/24 03:32	1
Diallate	<0.0831	U	0.569	0.0831	ug/L		11/14/24 08:14	11/19/24 03:32	1
Diallate Peak 1	<0.0831	U *+	0.569	0.0831	ug/L		11/14/24 08:14	11/19/24 03:32	1
Diallate Peak 2	<0.0384	U *+	0.569	0.0384	ug/L		11/14/24 08:14	11/19/24 03:32	1
Dimethoate	<0.121	U *+	0.569	0.121	ug/L		11/14/24 08:14	11/19/24 03:32	1
Dinoseb	<0.567	U *+	2.84	0.567	ug/L		11/14/24 08:14	11/19/24 03:32	1
Disulfoton	<0.202	U *+	0.569	0.202	ug/L		11/14/24 08:14	11/19/24 03:32	1
Ethyl methanesulfonate	<0.226	U	0.569	0.226	ug/L		11/14/24 08:14	11/19/24 03:32	1
Ethyl Parathion	<0.0500	U *+	0.228	0.0500	ug/L		11/14/24 08:14	11/19/24 03:32	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/14/24 08:14	11/19/24 03:32	1
Hexachloropropene	<0.298	U *-	0.569	0.298	ug/L		11/14/24 08:14	11/19/24 03:32	1
Isosafrole	<0.240	U	0.569	0.240	ug/L		11/14/24 08:14	11/19/24 03:32	1
Isosafrole Peak 1	<0.0461	U	0.569	0.0461	ug/L		11/14/24 08:14	11/19/24 03:32	1
Isosafrole Peak 2	<0.240	U	0.569	0.240	ug/L		11/14/24 08:14	11/19/24 03:32	1
Methapyrilene	<0.995	U *+	2.28	0.995	ug/L		11/14/24 08:14	11/19/24 03:32	1
Methyl methanesulfonate	<0.119	U	0.569	0.119	ug/L		11/14/24 08:14	11/19/24 03:32	1
Methyl parathion	<0.318	U *+	0.569	0.318	ug/L		11/14/24 08:14	11/19/24 03:32	1
N-Nitrosodiethylamine	<0.536	U	1.14	0.536	ug/L		11/14/24 08:14	11/19/24 03:32	1
N-Nitrosodimethylamine	<0.0996	U *-	0.569	0.0996	ug/L		11/14/24 08:14	11/19/24 03:32	1
N-Nitrosodi-n-butylamine	<0.513	U *+	1.14	0.513	ug/L		11/14/24 08:14	11/19/24 03:32	1
N-Nitrosomethylethylamine	<0.293	U	0.569	0.293	ug/L		11/14/24 08:14	11/19/24 03:32	1
N-Nitrosomorpholine	<0.219	U	0.569	0.219	ug/L		11/14/24 08:14	11/19/24 03:32	1
N-Nitrosopyrrolidine	<0.267	U	0.569	0.267	ug/L		11/14/24 08:14	11/19/24 03:32	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.569	0.138	ug/L		11/14/24 08:14	11/19/24 03:32	1
p-Dimethylamino azobenzene	<0.0237	U *+	0.569	0.0237	ug/L		11/14/24 08:14	11/19/24 03:32	1
Pentachloronitrobenzene	<0.0996	U *+	0.569	0.0996	ug/L		11/14/24 08:14	11/19/24 03:32	1
Phenacetin	<0.0996	U *+	0.569	0.0996	ug/L		11/14/24 08:14	11/19/24 03:32	1
Phorate	<0.220	U *+	0.569	0.220	ug/L		11/14/24 08:14	11/19/24 03:32	1
p-Phenylene diamine	<0.498	U *-	1.14	0.498	ug/L		11/14/24 08:14	11/19/24 03:32	1
Pronamide	<0.0996	U *+	0.569	0.0996	ug/L		11/14/24 08:14	11/19/24 03:32	1
Safrole, Total	<0.0569	U	0.569	0.0569	ug/L		11/14/24 08:14	11/19/24 03:32	1
Sulfotepp	**1.21**	*+	0.569	0.146	ug/L		11/14/24 08:14	11/19/24 03:32	1
Thionazin	<0.207	U *+	1.14	0.207	ug/L		11/14/24 08:14	11/19/24 03:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*139*	*S1+*	*35 - 130*	*11/14/24 08:14*	*11/19/24 03:32*	*1*
2-Fluorobiphenyl	*82*		*43 - 130*	*11/14/24 08:14*	*11/19/24 03:32*	*1*
2-Fluorophenol (Surr)	*70*		*19 - 120*	*11/14/24 08:14*	*11/19/24 03:32*	*1*
Nitrobenzene-d5 (Surr)	*93*		*37 - 133*	*11/14/24 08:14*	*11/19/24 03:32*	*1*

Client Sample ID: MW-22
Date Collected: 11/11/24 12:26
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d5 (Surr)	*54*		*8 - 124*	*11/14/24 08:14*	*11/19/24 03:32*	*1*
p-Terphenyl-d14	*124*		*47 - 130*	*11/14/24 08:14*	*11/19/24 03:32*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	**158**	**J I**	284	44.6	ug/L		11/14/24 08:14	12/14/24 10:10	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*380*	*I S1+*	*35 - 130*	*11/14/24 08:14*	*12/14/24 10:10*	*100*
2-Fluorobiphenyl	*215*	*S1+*	*43 - 130*	*11/14/24 08:14*	*12/14/24 10:10*	*100*
2-Fluorophenol (Surr)	*165*	*I S1+*	*19 - 120*	*11/14/24 08:14*	*12/14/24 10:10*	*100*
Nitrobenzene-d5 (Surr)	*247*	*S1+*	*37 - 133*	*11/14/24 08:14*	*12/14/24 10:10*	*100*
Phenol-d5 (Surr)	*148*	*S1+*	*8 - 124*	*11/14/24 08:14*	*12/14/24 10:10*	*100*
p-Terphenyl-d14	*340*	*S1+*	*47 - 130*	*11/14/24 08:14*	*12/14/24 10:10*	*100*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	**25600**		2840	453	ug/L		11/14/24 08:14	12/15/24 22:26	5000
1,1'-Biphenyl	**7390**		569	97.7	ug/L		11/14/24 08:14	12/14/24 10:41	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*2292*	*S1+*	*35 - 130*	*11/14/24 08:14*	*12/14/24 10:41*	*1000*
2,4,6-Tribromophenol (Surr)	*0*	*S1-*	*35 - 130*	*11/14/24 08:14*	*12/15/24 22:26*	*5000*
2-Fluorobiphenyl	*127*	*I*	*43 - 130*	*11/14/24 08:14*	*12/14/24 10:41*	*1000*
2-Fluorobiphenyl	*70*	*I*	*43 - 130*	*11/14/24 08:14*	*12/15/24 22:26*	*5000*
2-Fluorophenol (Surr)	*333*	*S1+*	*19 - 120*	*11/14/24 08:14*	*12/14/24 10:41*	*1000*
2-Fluorophenol (Surr)	*0*	*S1-*	*19 - 120*	*11/14/24 08:14*	*12/15/24 22:26*	*5000*
Nitrobenzene-d5 (Surr)	*267*	*S1+*	*37 - 133*	*11/14/24 08:14*	*12/14/24 10:41*	*1000*
Nitrobenzene-d5 (Surr)	*0*	*S1-*	*37 - 133*	*11/14/24 08:14*	*12/15/24 22:26*	*5000*
Phenol-d5 (Surr)	*456*	*S1+*	*8 - 124*	*11/14/24 08:14*	*12/14/24 10:41*	*1000*
Phenol-d5 (Surr)	*1771*	*S1+*	*8 - 124*	*11/14/24 08:14*	*12/15/24 22:26*	*5000*
p-Terphenyl-d14	*304*	*S1+*	*47 - 130*	*11/14/24 08:14*	*12/14/24 10:41*	*1000*
p-Terphenyl-d14	*225*	*S1+*	*47 - 130*	*11/14/24 08:14*	*12/15/24 22:26*	*5000*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<7.64	U H	57.0	7.64	ug/L		11/20/24 07:01	12/14/24 13:12	100
1,2-Dichlorobenzene	<9.38	U H	57.0	9.38	ug/L		11/20/24 07:01	12/14/24 13:12	100
1,3-Dichlorobenzene	<10.1	U H	57.0	10.1	ug/L		11/20/24 07:01	12/14/24 13:12	100
1,4-Dichlorobenzene	<7.77	U H	57.0	7.77	ug/L		11/20/24 07:01	12/14/24 13:12	100
2,2'-oxybis[1-chloropropane]	<142	U H	285	142	ug/L		11/20/24 07:01	12/14/24 13:12	100
2,4,5-Trichlorophenol	<14.3	U *+ H	57.0	14.3	ug/L		11/20/24 07:01	12/14/24 13:12	100
2,4,6-Trichlorophenol	<23.0	U *+ H	57.0	23.0	ug/L		11/20/24 07:01	12/14/24 13:12	100
2,4-Dichlorophenol	<14.0	U H	57.0	14.0	ug/L		11/20/24 07:01	12/14/24 13:12	100
2,4-Dimethylphenol	<19.2	U *+ H	57.0	19.2	ug/L		11/20/24 07:01	12/14/24 13:12	100
1,4-Dioxane	**9.73**	**J H**	57.0	8.87	ug/L		11/20/24 07:01	12/14/24 13:12	100
2,4-Dinitrophenol	<10.4	U H	285	10.4	ug/L		11/20/24 07:01	12/14/24 13:12	100
2,4-Dinitrotoluene	<20.4	U *+ H	57.0	20.4	ug/L		11/20/24 07:01	12/14/24 13:12	100
2,6-Dinitrotoluene	<11.6	U H	57.0	11.6	ug/L		11/20/24 07:01	12/14/24 13:12	100
2-Chloronaphthalene	<37.7	U H	57.0	37.7	ug/L		11/20/24 07:01	12/14/24 13:12	100

Client Sample ID: MW-22
Date Collected: 11/11/24 12:26
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	<6.01	U H	57.0	6.01	ug/L		11/20/24 07:01	12/14/24 13:12	100
2-Methylphenol	<10.4	U H	57.0	10.4	ug/L		11/20/24 07:01	12/14/24 13:12	100
2-Nitroaniline	**21.0**	**J *+ H I**	57.0	14.9	ug/L		11/20/24 07:01	12/14/24 13:12	100
2-Nitrophenol	<13.6	U H	57.0	13.6	ug/L		11/20/24 07:01	12/14/24 13:12	100
3 & 4 Methylphenol	<13.8	U H	57.0	13.8	ug/L		11/20/24 07:01	12/14/24 13:12	100
3-Nitroaniline	<8.50	U H	57.0	8.50	ug/L		11/20/24 07:01	12/14/24 13:12	100
4,6-Dinitro-2-methylphenol	<20.1	U H	114	20.1	ug/L		11/20/24 07:01	12/14/24 13:12	100
4-Bromophenyl phenyl ether	<10.0	U *+ H	57.0	10.0	ug/L		11/20/24 07:01	12/14/24 13:12	100
4-Chloro-3-methylphenol	<10.3	U H	57.0	10.3	ug/L		11/20/24 07:01	12/14/24 13:12	100
4-Chloroaniline	<3.84	U H	57.0	3.84	ug/L		11/20/24 07:01	12/14/24 13:12	100
4-Chlorophenyl phenyl ether	<13.0	U H	57.0	13.0	ug/L		11/20/24 07:01	12/14/24 13:12	100
4-Nitroaniline	<10.8	U H	57.0	10.8	ug/L		11/20/24 07:01	12/14/24 13:12	100
Acenaphthene	<10.7	U H	57.0	10.7	ug/L		11/20/24 07:01	12/14/24 13:12	100
Acenaphthylene	<9.94	U H	57.0	9.94	ug/L		11/20/24 07:01	12/14/24 13:12	100
Aniline	<5.78	U H	57.0	5.78	ug/L		11/20/24 07:01	12/14/24 13:12	100
Anthracene	<9.35	U H	57.0	9.35	ug/L		11/20/24 07:01	12/14/24 13:12	100
Benzo[a]anthracene	<2.85	U *+ H	2.85	2.85	ug/L		11/20/24 07:01	12/14/24 13:12	100
Benzo[a]pyrene	<2.99	U H	5.70	2.99	ug/L		11/20/24 07:01	12/14/24 13:12	100
Benzo[b]fluoranthene	<6.62	U *+ H	57.0	6.62	ug/L		11/20/24 07:01	12/14/24 13:12	100
Benzo[g,h,i]perylene	<3.44	U H	57.0	3.44	ug/L		11/20/24 07:01	12/14/24 13:12	100
Benzo[k]fluoranthene	<4.71	U *+ H	57.0	4.71	ug/L		11/20/24 07:01	12/14/24 13:12	100
Benzyl alcohol	<59.8	U H	114	59.8	ug/L		11/20/24 07:01	12/14/24 13:12	100
Bis(2-chloroethoxy)methane	<9.72	U H	57.0	9.72	ug/L		11/20/24 07:01	12/14/24 13:12	100
Bis(2-chloroethyl)ether	<21.4	U *+ H	57.0	21.4	ug/L		11/20/24 07:01	12/14/24 13:12	100
Bis(2-ethylhexyl) phthalate	<89.7	U *+ H	114	89.7	ug/L		11/20/24 07:01	12/14/24 13:12	100
Butyl benzyl phthalate	<49.9	U H	114	49.9	ug/L		11/20/24 07:01	12/14/24 13:12	100
Chrysene	<8.13	U *+ H	57.0	8.13	ug/L		11/20/24 07:01	12/14/24 13:12	100
Dibenz(a,h)anthracene	<5.07	U H	11.4	5.07	ug/L		11/20/24 07:01	12/14/24 13:12	100
Dibenzofuran	<10.6	U *+ H	57.0	10.6	ug/L		11/20/24 07:01	12/14/24 13:12	100
Diethyl phthalate	<15.4	U *+ H	114	15.4	ug/L		11/20/24 07:01	12/14/24 13:12	100
Dimethyl phthalate	<10.8	U H	114	10.8	ug/L		11/20/24 07:01	12/14/24 13:12	100
Di-n-butyl phthalate	<76.3	U *+ H	114	76.3	ug/L		11/20/24 07:01	12/14/24 13:12	100
Di-n-octyl phthalate	<26.8	U *+ H *1	114	26.8	ug/L		11/20/24 07:01	12/14/24 13:12	100
Fluoranthene	<8.81	U H *+	57.0	8.81	ug/L		11/20/24 07:01	12/14/24 13:12	100
Fluorene	<9.45	U H	57.0	9.45	ug/L		11/20/24 07:01	12/14/24 13:12	100
Hexachlorobenzene	<9.72	U H	57.0	9.72	ug/L		11/20/24 07:01	12/14/24 13:12	100
Hexachlorobutadiene	<10.2	U H	57.0	10.2	ug/L		11/20/24 07:01	12/14/24 13:12	100
Hexachlorocyclopentadiene	<5.11	U H	57.0	5.11	ug/L		11/20/24 07:01	12/14/24 13:12	100
Hexachloroethane	<10.2	U H	57.0	10.2	ug/L		11/20/24 07:01	12/14/24 13:12	100
Indeno[1,2,3-cd]pyrene	<9.97	U H	57.0	9.97	ug/L		11/20/24 07:01	12/14/24 13:12	100
Isophorone	<10.6	U H	57.0	10.6	ug/L		11/20/24 07:01	12/14/24 13:12	100
Naphthalene	**28.8**	**J H**	57.0	9.42	ug/L		11/20/24 07:01	12/14/24 13:12	100
Nitrobenzene	<7.34	U H	57.0	7.34	ug/L		11/20/24 07:01	12/14/24 13:12	100
N-Nitrosodi-n-propylamine	<11.8	U H	57.0	11.8	ug/L		11/20/24 07:01	12/14/24 13:12	100
N-Nitrosodiphenylamine	<14.4	U *+ H	57.0	14.4	ug/L		11/20/24 07:01	12/14/24 13:12	100
Pentachlorophenol	<104	U H	114	104	ug/L		11/20/24 07:01	12/14/24 13:12	100
Phenanthrene	<13.4	U H	57.0	13.4	ug/L		11/20/24 07:01	12/14/24 13:12	100
Phenol	**89.8**	**J H I *1**	285	44.7	ug/L		11/20/24 07:01	12/14/24 13:12	100
Pyrene	<8.46	U *+ H	57.0	8.46	ug/L		11/20/24 07:01	12/14/24 13:12	100

Client Sample ID: MW-22
Lab Sample ID: 860-86937-3
Date Collected: 11/11/24 12:26
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	<143	U H	285	143	ug/L		11/20/24 07:01	12/14/24 13:12	100
N-Nitro-o-toluidine	<51.9	U H	114	51.9	ug/L		11/20/24 07:01	12/14/24 13:12	100
2,3,4,6-Tetrachlorophenol	<21.0	U *+ H	57.0	21.0	ug/L		11/20/24 07:01	12/14/24 13:12	100
Acetophenone	<62.2	U *+ H	114	62.2	ug/L		11/20/24 07:01	12/14/24 13:12	100
N-Nitrosopiperidine	<46.6	U H	114	46.6	ug/L		11/20/24 07:01	12/14/24 13:12	100
Pentachlorobenzene	<26.5	U H	57.0	26.5	ug/L		11/20/24 07:01	12/14/24 13:12	100
4-Aminobiphenyl	<39.3	U H	57.0	39.3	ug/L		11/20/24 07:01	12/14/24 13:12	100
1,2,4,5-Tetrachlorobenzene	<9.55	U H	57.0	9.55	ug/L		11/20/24 07:01	12/14/24 13:12	100
1,3,5-Trinitrobenzene	<11.8	U H	57.0	11.8	ug/L		11/20/24 07:01	12/14/24 13:12	100
1,3-Dinitrobenzene	<7.71	U H	57.0	7.71	ug/L		11/20/24 07:01	12/14/24 13:12	100
1,4-Naphthoquinone	<31.3	U H	57.0	31.3	ug/L		11/20/24 07:01	12/14/24 13:12	100
1-Naphthylamine	<14.8	U H	57.0	14.8	ug/L		11/20/24 07:01	12/14/24 13:12	100
2,6-Dichlorophenol	<11.8	U H	57.0	11.8	ug/L		11/20/24 07:01	12/14/24 13:12	100
2-Acetylaminofluorene	<126	U *+ H	285	126	ug/L		11/20/24 07:01	12/14/24 13:12	100
2-Chlorophenol	<7.54	U H	57.0	7.54	ug/L		11/20/24 07:01	12/14/24 13:12	100
2-Naphthylamine	<28.7	U H	57.0	28.7	ug/L		11/20/24 07:01	12/14/24 13:12	100
2-Picoline	<12.2	U H	57.0	12.2	ug/L		11/20/24 07:01	12/14/24 13:12	100
2-Toluidine	<30.5	U H *- *1	57.0	30.5	ug/L		11/20/24 07:01	12/14/24 13:12	100
3,3'-Dichlorobenzidine	<18.3	U H	57.0	18.3	ug/L		11/20/24 07:01	12/14/24 13:12	100
3,3'-Dimethylbenzidine	<14.1	U H	57.0	14.1	ug/L		11/20/24 07:01	12/14/24 13:12	100
3-Methylcholanthrene	<10.4	U H	57.0	10.4	ug/L		11/20/24 07:01	12/14/24 13:12	100
4-Nitroquinoline-1-oxide	<72.8	U H	114	72.8	ug/L		11/20/24 07:01	12/14/24 13:12	100
7,12-Dimethylbenz(a)anthracene	<24.0	U *+ H	57.0	24.0	ug/L		11/20/24 07:01	12/14/24 13:12	100
alpha,alpha-Dimethyl phenethylamine	<366	U H *-	570	366	ug/L		11/20/24 07:01	12/14/24 13:12	100
Aramite Peak 1	<7.83	U *+ H	57.0	7.83	ug/L		11/20/24 07:01	12/14/24 13:12	100
Aramite Peak 2	<9.51	U *+ H	57.0	9.51	ug/L		11/20/24 07:01	12/14/24 13:12	100
Aramite, Total	<9.51	U H	57.0	9.51	ug/L		11/20/24 07:01	12/14/24 13:12	100
Diallate	<8.32	U H	57.0	8.32	ug/L		11/20/24 07:01	12/14/24 13:12	100
Diallate Peak 1	<8.32	U H *+	57.0	8.32	ug/L		11/20/24 07:01	12/14/24 13:12	100
Diallate Peak 2	<3.84	U H	57.0	3.84	ug/L		11/20/24 07:01	12/14/24 13:12	100
Dimethoate	<12.1	U *+ H	57.0	12.1	ug/L		11/20/24 07:01	12/14/24 13:12	100
Dinoseb	<56.8	U *+ H	285	56.8	ug/L		11/20/24 07:01	12/14/24 13:12	100
Disulfoton	<20.2	U *+ H	57.0	20.2	ug/L		11/20/24 07:01	12/14/24 13:12	100
Ethyl methanesulfonate	<22.6	U H	57.0	22.6	ug/L		11/20/24 07:01	12/14/24 13:12	100
Ethyl Parathion	<5.01	U *+ H	22.8	5.01	ug/L		11/20/24 07:01	12/14/24 13:12	100
Famphur	<15.0	U *+ H	114	15.0	ug/L		11/20/24 07:01	12/14/24 13:12	100
Hexachloropropene	<29.9	U H *-	57.0	29.9	ug/L		11/20/24 07:01	12/14/24 13:12	100
Isosafrole	<24.0	U H	57.0	24.0	ug/L		11/20/24 07:01	12/14/24 13:12	100
Isosafrole Peak 1	<4.62	U H	57.0	4.62	ug/L		11/20/24 07:01	12/14/24 13:12	100
Isosafrole Peak 2	<24.0	U H	57.0	24.0	ug/L		11/20/24 07:01	12/14/24 13:12	100
Methapyrilene	<99.7	U *+ H	228	99.7	ug/L		11/20/24 07:01	12/14/24 13:12	100
Methyl methanesulfonate	<12.0	U H	57.0	12.0	ug/L		11/20/24 07:01	12/14/24 13:12	100
Methyl parathion	<31.8	U *+ H	57.0	31.8	ug/L		11/20/24 07:01	12/14/24 13:12	100
N-Nitrosodiethylamine	<53.7	U H	114	53.7	ug/L		11/20/24 07:01	12/14/24 13:12	100
N-Nitrosodimethylamine	<9.97	U H *-	57.0	9.97	ug/L		11/20/24 07:01	12/14/24 13:12	100
N-Nitrosodi-n-butylamine	<51.4	U *+ H	114	51.4	ug/L		11/20/24 07:01	12/14/24 13:12	100
N-Nitrosomethylethylamine	<29.3	U H	57.0	29.3	ug/L		11/20/24 07:01	12/14/24 13:12	100
N-Nitrosomorpholine	<22.0	U H	57.0	22.0	ug/L		11/20/24 07:01	12/14/24 13:12	100
N-Nitrosopyrrolidine	<26.7	U H	57.0	26.7	ug/L		11/20/24 07:01	12/14/24 13:12	100

Client Sample ID: MW-22

Date Collected: 11/11/24 12:26
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o,o',o''-Triethylphosphorothioate	<13.8	U *+ H	57.0	13.8	ug/L		11/20/24 07:01	12/14/24 13:12	100
p-Dimethylamino azobenzene	<2.37	U H *+	57.0	2.37	ug/L		11/20/24 07:01	12/14/24 13:12	100
Pentachloronitrobenzene	<9.97	U *+ H	57.0	9.97	ug/L		11/20/24 07:01	12/14/24 13:12	100
Phenacetin	<9.97	U *+ H	57.0	9.97	ug/L		11/20/24 07:01	12/14/24 13:12	100
Phorate	<22.1	U *+ H	57.0	22.1	ug/L		11/20/24 07:01	12/14/24 13:12	100
p-Phenylene diamine	<49.9	U H *-	114	49.9	ug/L		11/20/24 07:01	12/14/24 13:12	100
Pronamide	<9.97	U *+ H	57.0	9.97	ug/L		11/20/24 07:01	12/14/24 13:12	100
Safrole, Total	<5.69	U H	57.0	5.69	ug/L		11/20/24 07:01	12/14/24 13:12	100
Sulfotepp	<14.6	U *+ H	57.0	14.6	ug/L		11/20/24 07:01	12/14/24 13:12	100
Thionazin	<20.8	U *+ H	114	20.8	ug/L		11/20/24 07:01	12/14/24 13:12	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*390*	*I S1+*	*35 - 130*	*11/20/24 07:01*	*12/14/24 13:12*	*100*
2-Fluorobiphenyl	*121*		*43 - 130*	*11/20/24 07:01*	*12/14/24 13:12*	*100*
2-Fluorophenol (Surr)	*128*	*S1+*	*19 - 120*	*11/20/24 07:01*	*12/14/24 13:12*	*100*
Nitrobenzene-d5 (Surr)	*185*	*S1+*	*37 - 133*	*11/20/24 07:01*	*12/14/24 13:12*	*100*
Phenol-d5 (Surr)	*117*		*8 - 124*	*11/20/24 07:01*	*12/14/24 13:12*	*100*
p-Terphenyl-d14	*232*	*I S1+*	*47 - 130*	*11/20/24 07:01*	*12/14/24 13:12*	*100*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	**10700**	**H**	2850	454	ug/L		11/20/24 07:01	12/14/24 13:43	5000
1,1'-Biphenyl	**2940**	**H**	2850	489	ug/L		11/20/24 07:01	12/14/24 13:43	5000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*S1-*	*35 - 130*	*11/20/24 07:01*	*12/14/24 13:43*	*5000*
2-Fluorobiphenyl	*419*	*S1+*	*43 - 130*	*11/20/24 07:01*	*12/14/24 13:43*	*5000*
2-Fluorophenol (Surr)	*335*	*S1+*	*19 - 120*	*11/20/24 07:01*	*12/14/24 13:43*	*5000*
Nitrobenzene-d5 (Surr)	*162*	*S1+*	*37 - 133*	*11/20/24 07:01*	*12/14/24 13:43*	*5000*
Phenol-d5 (Surr)	*1397*	*I S1+*	*8 - 124*	*11/20/24 07:01*	*12/14/24 13:43*	*5000*
p-Terphenyl-d14	*270*	*I S1+*	*47 - 130*	*11/20/24 07:01*	*12/14/24 13:43*	*5000*

Client Sample ID: MW-20

Date Collected: 11/11/24 14:02
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/16/24 00:52	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/16/24 00:52	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/16/24 00:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/16/24 00:52	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/16/24 00:52	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/16/24 00:52	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/16/24 00:52	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/16/24 00:52	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/16/24 00:52	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/16/24 00:52	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/16/24 00:52	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/16/24 00:52	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/16/24 00:52	1

Client Sample ID: MW-20
Date Collected: 11/11/24 14:02
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/16/24 00:52	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/16/24 00:52	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/16/24 00:52	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/16/24 00:52	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/16/24 00:52	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/16/24 00:52	1
Acetone	<3.07	U	100	3.07	ug/L			11/16/24 00:52	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/16/24 00:52	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/16/24 00:52	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/16/24 00:52	1
Benzene	**1.15**		1.00	0.460	ug/L			11/16/24 00:52	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/16/24 00:52	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/16/24 00:52	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/16/24 00:52	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/16/24 00:52	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/16/24 00:52	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/16/24 00:52	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/16/24 00:52	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/16/24 00:52	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/16/24 00:52	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/16/24 00:52	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/16/24 00:52	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/16/24 00:52	1
Cumene (isopropylbenzene)	**5.32**		1.00	0.592	ug/L			11/16/24 00:52	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/16/24 00:52	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/16/24 00:52	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/16/24 00:52	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/16/24 00:52	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/16/24 00:52	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/16/24 00:52	1
Propylbenzene	**0.606**	**J**	1.00	0.429	ug/L			11/16/24 00:52	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/16/24 00:52	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/16/24 00:52	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/16/24 00:52	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/16/24 00:52	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/16/24 00:52	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/16/24 00:52	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/16/24 00:52	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/16/24 00:52	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/16/24 00:52	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/16/24 00:52	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/16/24 00:52	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/16/24 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 144*		*11/16/24 00:52*	*1*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*11/16/24 00:52*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*11/16/24 00:52*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/16/24 00:52*	*1*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: MW-20

Date Collected: 11/11/24 14:02
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-4

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<8.28	U H	50.0	8.28	ug/L			11/19/24 00:59	1
2-Hexanone (MBK)	<5.00	U H	50.0	5.00	ug/L			11/19/24 00:59	1
Acrolein	<11.1	U H	50.0	11.1	ug/L			11/19/24 00:59	1
Bromomethane	<1.42	U H	5.00	1.42	ug/L			11/19/24 00:59	1
Dichlorodifluoromethane	<0.785	U H	1.00	0.785	ug/L			11/19/24 00:59	1
Ethyl methacrylate	<1.12	U H	5.00	1.12	ug/L			11/19/24 00:59	1
Hexane	<0.517	U H	5.00	0.517	ug/L			11/19/24 00:59	1
Iodomethane	<5.00	U H	20.0	5.00	ug/L			11/19/24 00:59	1
Isobutanol	<17.1	U H	50.0	17.1	ug/L			11/19/24 00:59	1
Methacrylonitrile	<2.72	U H	10.0	2.72	ug/L			11/19/24 00:59	1
Methyl methacrylate	<2.25	U H	10.0	2.25	ug/L			11/19/24 00:59	1
trans-1,4-Dichloro-2-butene	<1.35	U H	10.0	1.35	ug/L			11/19/24 00:59	1
Vinyl acetate	<2.14	U H	20.0	2.14	ug/L			11/19/24 00:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*63 - 144*		*11/19/24 00:59*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*11/19/24 00:59*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*11/19/24 00:59*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/19/24 00:59*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0754	U *-	0.563	0.0754	ug/L		11/15/24 05:06	12/14/24 23:15	1
1,2-Dichlorobenzene	<0.0926	U	0.563	0.0926	ug/L		11/15/24 05:06	12/14/24 23:15	1
1,3-Dichlorobenzene	<0.100	U	0.563	0.100	ug/L		11/15/24 05:06	12/14/24 23:15	1
1,4-Dichlorobenzene	<0.0767	U	0.563	0.0767	ug/L		11/15/24 05:06	12/14/24 23:15	1
2,2'-oxybis[1-chloropropane]	<1.41	U	2.81	1.41	ug/L		11/15/24 05:06	12/14/24 23:15	1
2,4,5-Trichlorophenol	<0.141	U	0.563	0.141	ug/L		11/15/24 05:06	12/14/24 23:15	1
2,4,6-Trichlorophenol	<0.227	U	0.563	0.227	ug/L		11/15/24 05:06	12/14/24 23:15	1
2,4-Dichlorophenol	<0.138	U	0.563	0.138	ug/L		11/15/24 05:06	12/14/24 23:15	1
2,4-Dimethylphenol	<0.189	U *+	0.563	0.189	ug/L		11/15/24 05:06	12/14/24 23:15	1
1,4-Dioxane	**16.4**		0.563	0.0876	ug/L		11/15/24 05:06	12/14/24 23:15	1
2,4-Dinitrophenol	<0.102	U	2.81	0.102	ug/L		11/15/24 05:06	12/14/24 23:15	1
2,4-Dinitrotoluene	<0.201	U	0.563	0.201	ug/L		11/15/24 05:06	12/14/24 23:15	1
2,6-Dinitrotoluene	<0.114	U	0.563	0.114	ug/L		11/15/24 05:06	12/14/24 23:15	1
2-Chloronaphthalene	<0.372	U	0.563	0.372	ug/L		11/15/24 05:06	12/14/24 23:15	1
2-Methylnaphthalene	**0.141**	**J I**	0.563	0.0593	ug/L		11/15/24 05:06	12/14/24 23:15	1
2-Methylphenol	<0.103	U	0.563	0.103	ug/L		11/15/24 05:06	12/14/24 23:15	1
2-Nitroaniline	<0.147	U	0.563	0.147	ug/L		11/15/24 05:06	12/14/24 23:15	1
2-Nitrophenol	<0.134	U	0.563	0.134	ug/L		11/15/24 05:06	12/14/24 23:15	1
3 & 4 Methylphenol	<0.137	U	0.563	0.137	ug/L		11/15/24 05:06	12/14/24 23:15	1
3-Nitroaniline	<0.0839	U	0.563	0.0839	ug/L		11/15/24 05:06	12/14/24 23:15	1
4,6-Dinitro-2-methylphenol	<0.198	U	1.13	0.198	ug/L		11/15/24 05:06	12/14/24 23:15	1
4-Bromophenyl phenyl ether	<0.0987	U	0.563	0.0987	ug/L		11/15/24 05:06	12/14/24 23:15	1
4-Chloro-3-methylphenol	<0.102	U	0.563	0.102	ug/L		11/15/24 05:06	12/14/24 23:15	1
4-Chloroaniline	<0.0379	U	0.563	0.0379	ug/L		11/15/24 05:06	12/14/24 23:15	1
4-Chlorophenyl phenyl ether	<0.128	U	0.563	0.128	ug/L		11/15/24 05:06	12/14/24 23:15	1
4-Nitroaniline	<0.107	U	0.563	0.107	ug/L		11/15/24 05:06	12/14/24 23:15	1
Acenaphthene	**1.33**		0.563	0.106	ug/L		11/15/24 05:06	12/14/24 23:15	1
Acenaphthylene	<0.0981	U	0.563	0.0981	ug/L		11/15/24 05:06	12/14/24 23:15	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: MW-20
Date Collected: 11/11/24 14:02
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	**0.302**	**J I**	0.563	0.0571	ug/L		11/15/24 05:06	12/14/24 23:15	1
Anthracene	**0.129**	**J**	0.563	0.0923	ug/L		11/15/24 05:06	12/14/24 23:15	1
Benzo[a]anthracene	<0.0281	U *+	0.0281	0.0281	ug/L		11/15/24 05:06	12/14/24 23:15	1
Benzo[a]pyrene	<0.0295	U	0.0563	0.0295	ug/L		11/15/24 05:06	12/14/24 23:15	1
Benzo[b]fluoranthene	<0.0654	U	0.563	0.0654	ug/L		11/15/24 05:06	12/14/24 23:15	1
Benzo[g,h,i]perylene	<0.0340	U	0.563	0.0340	ug/L		11/15/24 05:06	12/14/24 23:15	1
Benzo[k]fluoranthene	<0.0465	U	0.563	0.0465	ug/L		11/15/24 05:06	12/14/24 23:15	1
Benzyl alcohol	<0.591	U *-	1.13	0.591	ug/L		11/15/24 05:06	12/14/24 23:15	1
Bis(2-chloroethoxy)methane	<0.0959	U	0.563	0.0959	ug/L		11/15/24 05:06	12/14/24 23:15	1
Bis(2-chloroethyl)ether	<0.211	U	0.563	0.211	ug/L		11/15/24 05:06	12/14/24 23:15	1
Bis(2-ethylhexyl) phthalate	<0.886	U	1.13	0.886	ug/L		11/15/24 05:06	12/14/24 23:15	1
Butyl benzyl phthalate	<0.492	U	1.13	0.492	ug/L		11/15/24 05:06	12/14/24 23:15	1
Chrysene	<0.0803	U	0.563	0.0803	ug/L		11/15/24 05:06	12/14/24 23:15	1
Dibenz(a,h)anthracene	<0.0501	U	0.113	0.0501	ug/L		11/15/24 05:06	12/14/24 23:15	1
Dibenzofuran	**0.530**	**J**	0.563	0.105	ug/L		11/15/24 05:06	12/14/24 23:15	1
Diethyl phthalate	<0.152	U *+	1.13	0.152	ug/L		11/15/24 05:06	12/14/24 23:15	1
Dimethyl phthalate	<0.107	U *+	1.13	0.107	ug/L		11/15/24 05:06	12/14/24 23:15	1
Di-n-butyl phthalate	<0.753	U *+	1.13	0.753	ug/L		11/15/24 05:06	12/14/24 23:15	1
Di-n-octyl phthalate	<0.265	U	1.13	0.265	ug/L		11/15/24 05:06	12/14/24 23:15	1
Fluoranthene	<0.0869	U	0.563	0.0869	ug/L		11/15/24 05:06	12/14/24 23:15	1
Fluorene	**0.239**	**J**	0.563	0.0934	ug/L		11/15/24 05:06	12/14/24 23:15	1
Hexachlorobenzene	<0.0960	U	0.563	0.0960	ug/L		11/15/24 05:06	12/14/24 23:15	1
Hexachlorobutadiene	<0.101	U	0.563	0.101	ug/L		11/15/24 05:06	12/14/24 23:15	1
Hexachlorocyclopentadiene	<0.0504	U	0.563	0.0504	ug/L		11/15/24 05:06	12/14/24 23:15	1
Hexachloroethane	<0.100	U	0.563	0.100	ug/L		11/15/24 05:06	12/14/24 23:15	1
Indeno[1,2,3-cd]pyrene	<0.0985	U	0.563	0.0985	ug/L		11/15/24 05:06	12/14/24 23:15	1
Isophorone	<0.105	U	0.563	0.105	ug/L		11/15/24 05:06	12/14/24 23:15	1
Naphthalene	<0.0930	U	0.563	0.0930	ug/L		11/15/24 05:06	12/14/24 23:15	1
Nitrobenzene	<0.0725	U	0.563	0.0725	ug/L		11/15/24 05:06	12/14/24 23:15	1
N-Nitrosodi-n-propylamine	<0.117	U	0.563	0.117	ug/L		11/15/24 05:06	12/14/24 23:15	1
N-Nitrosodiphenylamine	<0.142	U	0.563	0.142	ug/L		11/15/24 05:06	12/14/24 23:15	1
Pentachlorophenol	<1.02	U	1.13	1.02	ug/L		11/15/24 05:06	12/14/24 23:15	1
Phenanthrene	<0.132	U	0.563	0.132	ug/L		11/15/24 05:06	12/14/24 23:15	1
Phenol	**9.64**	**I**	2.81	0.441	ug/L		11/15/24 05:06	12/14/24 23:15	1
Pyrene	<0.0836	U *+	0.563	0.0836	ug/L		11/15/24 05:06	12/14/24 23:15	1
Pyridine	<1.41	U *1	2.81	1.41	ug/L		11/15/24 05:06	12/14/24 23:15	1
N-Nitro-o-toluidine	<0.512	U	1.13	0.512	ug/L		11/15/24 05:06	12/14/24 23:15	1
2,3,4,6-Tetrachlorophenol	<0.207	U	0.563	0.207	ug/L		11/15/24 05:06	12/14/24 23:15	1
Acetophenone	<0.614	U	1.13	0.614	ug/L		11/15/24 05:06	12/14/24 23:15	1
N-Nitrosopiperidine	<0.460	U	1.13	0.460	ug/L		11/15/24 05:06	12/14/24 23:15	1
Pentachlorobenzene	<0.262	U	0.563	0.262	ug/L		11/15/24 05:06	12/14/24 23:15	1
1,1'-Biphenyl	**0.606**		0.563	0.0966	ug/L		11/15/24 05:06	12/14/24 23:15	1
4-Aminobiphenyl	<0.388	U	0.563	0.388	ug/L		11/15/24 05:06	12/14/24 23:15	1
1,2,4,5-Tetrachlorobenzene	<0.0942	U *-	0.563	0.0942	ug/L		11/15/24 05:06	12/14/24 23:15	1
1,3,5-Trinitrobenzene	<0.117	U	0.563	0.117	ug/L		11/15/24 05:06	12/14/24 23:15	1
1,3-Dinitrobenzene	<0.0761	U	0.563	0.0761	ug/L		11/15/24 05:06	12/14/24 23:15	1
1,4-Naphthoquinone	<0.309	U	0.563	0.309	ug/L		11/15/24 05:06	12/14/24 23:15	1
1-Naphthylamine	<0.146	U	0.563	0.146	ug/L		11/15/24 05:06	12/14/24 23:15	1
2,6-Dichlorophenol	<0.116	U	0.563	0.116	ug/L		11/15/24 05:06	12/14/24 23:15	1

Client Sample ID: MW-20

Date Collected: 11/11/24 14:02
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-4

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Acetylaminofluorene	<1.24	U *+	2.81	1.24	ug/L		11/15/24 05:06	12/14/24 23:15	1
2-Chlorophenol	<0.0745	U	0.563	0.0745	ug/L		11/15/24 05:06	12/14/24 23:15	1
2-Naphthylamine	<0.284	U	0.563	0.284	ug/L		11/15/24 05:06	12/14/24 23:15	1
2-Picoline	<0.121	U *- *1	0.563	0.121	ug/L		11/15/24 05:06	12/14/24 23:15	1
2-Toluidine	<0.301	U	0.563	0.301	ug/L		11/15/24 05:06	12/14/24 23:15	1
3,3'-Dichlorobenzidine	<0.180	U	0.563	0.180	ug/L		11/15/24 05:06	12/14/24 23:15	1
3,3'-Dimethylbenzidine	<0.140	U	0.563	0.140	ug/L		11/15/24 05:06	12/14/24 23:15	1
3-Methylcholanthrene	<0.103	U	0.563	0.103	ug/L		11/15/24 05:06	12/14/24 23:15	1
4-Nitroquinoline-1-oxide	<0.719	U	1.13	0.719	ug/L		11/15/24 05:06	12/14/24 23:15	1
7,12-Dimethylbenz(a)anthracene	<0.237	U	0.563	0.237	ug/L		11/15/24 05:06	12/14/24 23:15	1
alpha,alpha-Dimethyl phenethylamine	<3.61	U *-	5.63	3.61	ug/L		11/15/24 05:06	12/14/24 23:15	1
Aramite Peak 1	<0.0773	U	0.563	0.0773	ug/L		11/15/24 05:06	12/14/24 23:15	1
Aramite Peak 2	<0.0939	U	0.563	0.0939	ug/L		11/15/24 05:06	12/14/24 23:15	1
Aramite, Total	<0.0939	U	0.563	0.0939	ug/L		11/15/24 05:06	12/14/24 23:15	1
Diallate	<0.0822	U	0.563	0.0822	ug/L		11/15/24 05:06	12/14/24 23:15	1
Diallate Peak 1	<0.0822	U	0.563	0.0822	ug/L		11/15/24 05:06	12/14/24 23:15	1
Diallate Peak 2	<0.0379	U	0.563	0.0379	ug/L		11/15/24 05:06	12/14/24 23:15	1
Dimethoate	<0.120	U	0.563	0.120	ug/L		11/15/24 05:06	12/14/24 23:15	1
Dinoseb	<0.561	U	2.81	0.561	ug/L		11/15/24 05:06	12/14/24 23:15	1
Disulfoton	<0.200	U	0.563	0.200	ug/L		11/15/24 05:06	12/14/24 23:15	1
Ethyl methanesulfonate	<0.223	U	0.563	0.223	ug/L		11/15/24 05:06	12/14/24 23:15	1
Ethyl Parathion	<0.0494	U	0.225	0.0494	ug/L		11/15/24 05:06	12/14/24 23:15	1
Famphur	<0.148	U	1.13	0.148	ug/L		11/15/24 05:06	12/14/24 23:15	1
Hexachloropropene	<0.295	U *-	0.563	0.295	ug/L		11/15/24 05:06	12/14/24 23:15	1
Isosafrole	<0.237	U	0.563	0.237	ug/L		11/15/24 05:06	12/14/24 23:15	1
Isosafrole Peak 1	<0.0456	U	0.563	0.0456	ug/L		11/15/24 05:06	12/14/24 23:15	1
Isosafrole Peak 2	<0.237	U	0.563	0.237	ug/L		11/15/24 05:06	12/14/24 23:15	1
Methapyrilene	<0.984	U	2.25	0.984	ug/L		11/15/24 05:06	12/14/24 23:15	1
Methyl methanesulfonate	<0.118	U	0.563	0.118	ug/L		11/15/24 05:06	12/14/24 23:15	1
Methyl parathion	<0.314	U	0.563	0.314	ug/L		11/15/24 05:06	12/14/24 23:15	1
N-Nitrosodiethylamine	<0.530	U	1.13	0.530	ug/L		11/15/24 05:06	12/14/24 23:15	1
N-Nitrosodimethylamine	<0.0985	U *-	0.563	0.0985	ug/L		11/15/24 05:06	12/14/24 23:15	1
N-Nitrosodi-n-butylamine	<0.508	U	1.13	0.508	ug/L		11/15/24 05:06	12/14/24 23:15	1
N-Nitrosomethylethylamine	<0.289	U	0.563	0.289	ug/L		11/15/24 05:06	12/14/24 23:15	1
N-Nitrosomorpholine	<0.217	U	0.563	0.217	ug/L		11/15/24 05:06	12/14/24 23:15	1
N-Nitrosopyrrolidine	<0.264	U *-	0.563	0.264	ug/L		11/15/24 05:06	12/14/24 23:15	1
o,o',o''-Triethylphosphorothioate	<0.136	U	0.563	0.136	ug/L		11/15/24 05:06	12/14/24 23:15	1
p-Dimethylamino azobenzene	<0.0234	U	0.563	0.0234	ug/L		11/15/24 05:06	12/14/24 23:15	1
Pentachloronitrobenzene	<0.0985	U *+	0.563	0.0985	ug/L		11/15/24 05:06	12/14/24 23:15	1
Phenacetin	<0.0985	U	0.563	0.0985	ug/L		11/15/24 05:06	12/14/24 23:15	1
Phorate	<0.218	U	0.563	0.218	ug/L		11/15/24 05:06	12/14/24 23:15	1
p-Phenylene diamine	<0.492	U *-	1.13	0.492	ug/L		11/15/24 05:06	12/14/24 23:15	1
Pronamide	<0.0985	U *+	0.563	0.0985	ug/L		11/15/24 05:06	12/14/24 23:15	1
Safrole, Total	<0.0562	U	0.563	0.0562	ug/L		11/15/24 05:06	12/14/24 23:15	1
Sulfotepp	<0.144	U	0.563	0.144	ug/L		11/15/24 05:06	12/14/24 23:15	1
Thionazin	<0.205	U	1.13	0.205	ug/L		11/15/24 05:06	12/14/24 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*121*		*35 - 130*	*11/15/24 05:06*	*12/14/24 23:15*	*1*
2-Fluorobiphenyl	*87*		*43 - 130*	*11/15/24 05:06*	*12/14/24 23:15*	*1*

Client Sample ID: MW-20

Date Collected: 11/11/24 14:02
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-4

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*69*		*19 - 120*	*11/15/24 05:06*	*12/14/24 23:15*	*1*
Nitrobenzene-d5 (Surr)	*117*		*37 - 133*	*11/15/24 05:06*	*12/14/24 23:15*	*1*
Phenol-d5 (Surr)	*48*		*8 - 124*	*11/15/24 05:06*	*12/14/24 23:15*	*1*
p-Terphenyl-d14	*158*	*S1+*	*47 - 130*	*11/15/24 05:06*	*12/14/24 23:15*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	**2220**		56.3	8.96	ug/L		11/15/24 05:06	12/11/24 07:21	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*S1-*	*35 - 130*	*11/15/24 05:06*	*12/11/24 07:21*	*100*
2-Fluorobiphenyl	*92*		*43 - 130*	*11/15/24 05:06*	*12/11/24 07:21*	*100*
2-Fluorophenol (Surr)	*68*		*19 - 120*	*11/15/24 05:06*	*12/11/24 07:21*	*100*
Nitrobenzene-d5 (Surr)	*84*	*I*	*37 - 133*	*11/15/24 05:06*	*12/11/24 07:21*	*100*
Phenol-d5 (Surr)	*70*	*I*	*8 - 124*	*11/15/24 05:06*	*12/11/24 07:21*	*100*
p-Terphenyl-d14	*150*	*S1+*	*47 - 130*	*11/15/24 05:06*	*12/11/24 07:21*	*100*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U H	0.571	0.0766	ug/L		12/11/24 04:48	12/15/24 02:48	1
1,2-Dichlorobenzene	<0.0941	U H	0.571	0.0941	ug/L		12/11/24 04:48	12/15/24 02:48	1
1,3-Dichlorobenzene	<0.102	U H	0.571	0.102	ug/L		12/11/24 04:48	12/15/24 02:48	1
1,4-Dichlorobenzene	<0.0779	U H	0.571	0.0779	ug/L		12/11/24 04:48	12/15/24 02:48	1
2,2'-oxybis[1-chloropropane]	<1.43	U H	2.86	1.43	ug/L		12/11/24 04:48	12/15/24 02:48	1
2,4,5-Trichlorophenol	<0.143	U H	0.571	0.143	ug/L		12/11/24 04:48	12/15/24 02:48	1
2,4,6-Trichlorophenol	<0.231	U H	0.571	0.231	ug/L		12/11/24 04:48	12/15/24 02:48	1
2,4-Dichlorophenol	<0.140	U H	0.571	0.140	ug/L		12/11/24 04:48	12/15/24 02:48	1
2,4-Dimethylphenol	<0.192	U *+ H	0.571	0.192	ug/L		12/11/24 04:48	12/15/24 02:48	1
1,4-Dioxane	**11.6**	**H**	0.571	0.0890	ug/L		12/11/24 04:48	12/15/24 02:48	1
2,4-Dinitrophenol	<0.104	U H	2.86	0.104	ug/L		12/11/24 04:48	12/15/24 02:48	1
2,4-Dinitrotoluene	<0.205	U H	0.571	0.205	ug/L		12/11/24 04:48	12/15/24 02:48	1
2,6-Dinitrotoluene	<0.116	U H	0.571	0.116	ug/L		12/11/24 04:48	12/15/24 02:48	1
2-Chloronaphthalene	<0.378	U H	0.571	0.378	ug/L		12/11/24 04:48	12/15/24 02:48	1
2-Methylnaphthalene	<0.0603	U H	0.571	0.0603	ug/L		12/11/24 04:48	12/15/24 02:48	1
2-Methylphenol	<0.105	U H	0.571	0.105	ug/L		12/11/24 04:48	12/15/24 02:48	1
2-Nitroaniline	<0.149	U H	0.571	0.149	ug/L		12/11/24 04:48	12/15/24 02:48	1
2-Nitrophenol	<0.136	U H	0.571	0.136	ug/L		12/11/24 04:48	12/15/24 02:48	1
3 & 4 Methylphenol	<0.139	U H	0.571	0.139	ug/L		12/11/24 04:48	12/15/24 02:48	1
3-Nitroaniline	<0.0853	U H	0.571	0.0853	ug/L		12/11/24 04:48	12/15/24 02:48	1
4,6-Dinitro-2-methylphenol	<0.201	U H	1.14	0.201	ug/L		12/11/24 04:48	12/15/24 02:48	1
4-Bromophenyl phenyl ether	<0.100	U H	0.571	0.100	ug/L		12/11/24 04:48	12/15/24 02:48	1
4-Chloro-3-methylphenol	<0.104	U H	0.571	0.104	ug/L		12/11/24 04:48	12/15/24 02:48	1
4-Chloroaniline	<0.0385	U H	0.571	0.0385	ug/L		12/11/24 04:48	12/15/24 02:48	1
4-Chlorophenyl phenyl ether	<0.130	U H	0.571	0.130	ug/L		12/11/24 04:48	12/15/24 02:48	1
4-Nitroaniline	<0.109	U H	0.571	0.109	ug/L		12/11/24 04:48	12/15/24 02:48	1
Acenaphthene	**1.19**	**H**	0.571	0.107	ug/L		12/11/24 04:48	12/15/24 02:48	1
Acenaphthylene	<0.0996	U H	0.571	0.0996	ug/L		12/11/24 04:48	12/15/24 02:48	1
Aniline	**0.359**	**J H I**	0.571	0.0580	ug/L		12/11/24 04:48	12/15/24 02:48	1
Anthracene	**0.115**	**J *+ H**	0.571	0.0938	ug/L		12/11/24 04:48	12/15/24 02:48	1
Benzo[a]anthracene	<0.0286	U *+ H	0.0286	0.0286	ug/L		12/11/24 04:48	12/15/24 02:48	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: MW-20
Date Collected: 11/11/24 14:02
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.0300	U H	0.0571	0.0300	ug/L		12/11/24 04:48	12/15/24 02:48	1
Benzo[b]fluoranthene	<0.0664	U *+ H	0.571	0.0664	ug/L		12/11/24 04:48	12/15/24 02:48	1
Benzo[g,h,i]perylene	<0.0345	U H	0.571	0.0345	ug/L		12/11/24 04:48	12/15/24 02:48	1
Benzo[k]fluoranthene	<0.0473	U H	0.571	0.0473	ug/L		12/11/24 04:48	12/15/24 02:48	1
Benzyl alcohol	<0.600	U H	1.14	0.600	ug/L		12/11/24 04:48	12/15/24 02:48	1
Bis(2-chloroethoxy)methane	<0.0974	U H	0.571	0.0974	ug/L		12/11/24 04:48	12/15/24 02:48	1
Bis(2-chloroethyl)ether	<0.214	U H	0.571	0.214	ug/L		12/11/24 04:48	12/15/24 02:48	1
Bis(2-ethylhexyl) phthalate	<0.900	U *+ H	1.14	0.900	ug/L		12/11/24 04:48	12/15/24 02:48	1
Butyl benzyl phthalate	<0.500	U H	1.14	0.500	ug/L		12/11/24 04:48	12/15/24 02:48	1
Chrysene	<0.0815	U *+ H	0.571	0.0815	ug/L		12/11/24 04:48	12/15/24 02:48	1
Dibenz(a,h)anthracene	<0.0509	U H	0.114	0.0509	ug/L		12/11/24 04:48	12/15/24 02:48	1
Dibenzofuran	**0.422**	**J H**	0.571	0.107	ug/L		12/11/24 04:48	12/15/24 02:48	1
Diethyl phthalate	<0.155	U H	1.14	0.155	ug/L		12/11/24 04:48	12/15/24 02:48	1
Dimethyl phthalate	<0.108	U H	1.14	0.108	ug/L		12/11/24 04:48	12/15/24 02:48	1
Di-n-butyl phthalate	<0.765	U H	1.14	0.765	ug/L		12/11/24 04:48	12/15/24 02:48	1
Di-n-octyl phthalate	<0.269	U H	1.14	0.269	ug/L		12/11/24 04:48	12/15/24 02:48	1
Fluoranthene	<0.0883	U H	0.571	0.0883	ug/L		12/11/24 04:48	12/15/24 02:48	1
Fluorene	**0.186**	**J H**	0.571	0.0948	ug/L		12/11/24 04:48	12/15/24 02:48	1
Hexachlorobenzene	<0.0975	U H	0.571	0.0975	ug/L		12/11/24 04:48	12/15/24 02:48	1
Hexachlorobutadiene	<0.103	U H	0.571	0.103	ug/L		12/11/24 04:48	12/15/24 02:48	1
Hexachlorocyclopentadiene	<0.0512	U *+ H	0.571	0.0512	ug/L		12/11/24 04:48	12/15/24 02:48	1
Hexachloroethane	<0.102	U H	0.571	0.102	ug/L		12/11/24 04:48	12/15/24 02:48	1
Indeno[1,2,3-cd]pyrene	<0.100	U H	0.571	0.100	ug/L		12/11/24 04:48	12/15/24 02:48	1
Isophorone	<0.107	U H	0.571	0.107	ug/L		12/11/24 04:48	12/15/24 02:48	1
Naphthalene	<0.0944	U H	0.571	0.0944	ug/L		12/11/24 04:48	12/15/24 02:48	1
Nitrobenzene	<0.0736	U H	0.571	0.0736	ug/L		12/11/24 04:48	12/15/24 02:48	1
N-Nitrosodi-n-propylamine	<0.119	U H	0.571	0.119	ug/L		12/11/24 04:48	12/15/24 02:48	1
N-Nitrosodiphenylamine	<0.145	U H	0.571	0.145	ug/L		12/11/24 04:48	12/15/24 02:48	1
Pentachlorophenol	<1.04	U H	1.14	1.04	ug/L		12/11/24 04:48	12/15/24 02:48	1
Phenanthrene	<0.134	U *+ H	0.571	0.134	ug/L		12/11/24 04:48	12/15/24 02:48	1
Phenol	**16.5**	**H I**	2.86	0.448	ug/L		12/11/24 04:48	12/15/24 02:48	1
Pyrene	<0.0849	U H	0.571	0.0849	ug/L		12/11/24 04:48	12/15/24 02:48	1
Pyridine	<1.44	U H *1	2.86	1.44	ug/L		12/11/24 04:48	12/15/24 02:48	1
N-Nitro-o-toluidine	<0.520	U H	1.14	0.520	ug/L		12/11/24 04:48	12/15/24 02:48	1
2,3,4,6-Tetrachlorophenol	<0.211	U *+ H	0.571	0.211	ug/L		12/11/24 04:48	12/15/24 02:48	1
Acetophenone	<0.624	U H	1.14	0.624	ug/L		12/11/24 04:48	12/15/24 02:48	1
N-Nitrosopiperidine	<0.467	U H	1.14	0.467	ug/L		12/11/24 04:48	12/15/24 02:48	1
Pentachlorobenzene	<0.266	U H	0.571	0.266	ug/L		12/11/24 04:48	12/15/24 02:48	1
1,1'-Biphenyl	**0.518**	**J H**	0.571	0.0981	ug/L		12/11/24 04:48	12/15/24 02:48	1
4-Aminobiphenyl	<0.394	U H	0.571	0.394	ug/L		12/11/24 04:48	12/15/24 02:48	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U H	0.571	0.0957	ug/L		12/11/24 04:48	12/15/24 02:48	1
1,3,5-Trinitrobenzene	<0.119	U H	0.571	0.119	ug/L		12/11/24 04:48	12/15/24 02:48	1
1,3-Dinitrobenzene	<0.0773	U H	0.571	0.0773	ug/L		12/11/24 04:48	12/15/24 02:48	1
1,4-Naphthoquinone	<0.314	U H	0.571	0.314	ug/L		12/11/24 04:48	12/15/24 02:48	1
1-Naphthylamine	<0.149	U H	0.571	0.149	ug/L		12/11/24 04:48	12/15/24 02:48	1
2,6-Dichlorophenol	<0.118	U H	0.571	0.118	ug/L		12/11/24 04:48	12/15/24 02:48	1
2-Acetylaminofluorene	<1.26	U *+ H	2.86	1.26	ug/L		12/11/24 04:48	12/15/24 02:48	1
2-Chlorophenol	<0.0756	U H	0.571	0.0756	ug/L		12/11/24 04:48	12/15/24 02:48	1
2-Naphthylamine	<0.288	U H	0.571	0.288	ug/L		12/11/24 04:48	12/15/24 02:48	1

Client Sample ID: MW-20
Date Collected: 11/11/24 14:02
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Picoline	<0.123	U H	0.571	0.123	ug/L		12/11/24 04:48	12/15/24 02:48	1
2-Toluidine	<0.306	U H	0.571	0.306	ug/L		12/11/24 04:48	12/15/24 02:48	1
3,3'-Dichlorobenzidine	<0.183	U H	0.571	0.183	ug/L		12/11/24 04:48	12/15/24 02:48	1
3,3'-Dimethylbenzidine	<0.142	U H	0.571	0.142	ug/L		12/11/24 04:48	12/15/24 02:48	1
3-Methylcholanthrene	<0.104	U H	0.571	0.104	ug/L		12/11/24 04:48	12/15/24 02:48	1
4-Nitroquinoline-1-oxide	<0.730	U H	1.14	0.730	ug/L		12/11/24 04:48	12/15/24 02:48	1
7,12-Dimethylbenz(a)anthracene	<0.241	U H	0.571	0.241	ug/L		12/11/24 04:48	12/15/24 02:48	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U H *-	5.71	3.67	ug/L		12/11/24 04:48	12/15/24 02:48	1
Aramite Peak 1	<0.0785	U *+ H	0.571	0.0785	ug/L		12/11/24 04:48	12/15/24 02:48	1
Aramite Peak 2	<0.0954	U H	0.571	0.0954	ug/L		12/11/24 04:48	12/15/24 02:48	1
Aramite, Total	<0.0954	U H	0.571	0.0954	ug/L		12/11/24 04:48	12/15/24 02:48	1
Diallate	<0.0835	U H	0.571	0.0835	ug/L		12/11/24 04:48	12/15/24 02:48	1
Diallate Peak 1	<0.0835	U H	0.571	0.0835	ug/L		12/11/24 04:48	12/15/24 02:48	1
Diallate Peak 2	<0.0385	U H	0.571	0.0385	ug/L		12/11/24 04:48	12/15/24 02:48	1
Dimethoate	<0.122	U *+ H	0.571	0.122	ug/L		12/11/24 04:48	12/15/24 02:48	1
Dinoseb	<0.570	U H	2.86	0.570	ug/L		12/11/24 04:48	12/15/24 02:48	1
Disulfoton	<0.203	U H	0.571	0.203	ug/L		12/11/24 04:48	12/15/24 02:48	1
Ethyl methanesulfonate	<0.227	U H	0.571	0.227	ug/L		12/11/24 04:48	12/15/24 02:48	1
Ethyl Parathion	<0.0502	U H	0.229	0.0502	ug/L		12/11/24 04:48	12/15/24 02:48	1
Famphur	<0.151	U H	1.14	0.151	ug/L		12/11/24 04:48	12/15/24 02:48	1
Hexachloropropene	<0.300	U H	0.571	0.300	ug/L		12/11/24 04:48	12/15/24 02:48	1
Isosafrole	<0.241	U H	0.571	0.241	ug/L		12/11/24 04:48	12/15/24 02:48	1
Isosafrole Peak 1	<0.0463	U H	0.571	0.0463	ug/L		12/11/24 04:48	12/15/24 02:48	1
Isosafrole Peak 2	<0.241	U H	0.571	0.241	ug/L		12/11/24 04:48	12/15/24 02:48	1
Methapyrilene	<1.00	U H	2.29	1.00	ug/L		12/11/24 04:48	12/15/24 02:48	1
Methyl methanesulfonate	<0.120	U H	0.571	0.120	ug/L		12/11/24 04:48	12/15/24 02:48	1
Methyl parathion	<0.319	U H	0.571	0.319	ug/L		12/11/24 04:48	12/15/24 02:48	1
N-Nitrosodiethylamine	<0.538	U H	1.14	0.538	ug/L		12/11/24 04:48	12/15/24 02:48	1
N-Nitrosodimethylamine	<0.100	U H *-	0.571	0.100	ug/L		12/11/24 04:48	12/15/24 02:48	1
N-Nitrosodi-n-butylamine	<0.516	U H	1.14	0.516	ug/L		12/11/24 04:48	12/15/24 02:48	1
N-Nitrosomethylethylamine	<0.294	U H	0.571	0.294	ug/L		12/11/24 04:48	12/15/24 02:48	1
N-Nitrosomorpholine	<0.220	U H	0.571	0.220	ug/L		12/11/24 04:48	12/15/24 02:48	1
N-Nitrosopyrrolidine	<0.268	U H	0.571	0.268	ug/L		12/11/24 04:48	12/15/24 02:48	1
o,o',o''-Triethylphosphorothioate	<0.138	U H	0.571	0.138	ug/L		12/11/24 04:48	12/15/24 02:48	1
p-Dimethylamino azobenzene	<0.0238	U H	0.571	0.0238	ug/L		12/11/24 04:48	12/15/24 02:48	1
Pentachloronitrobenzene	<0.100	U H	0.571	0.100	ug/L		12/11/24 04:48	12/15/24 02:48	1
Phenacetin	<0.100	U H	0.571	0.100	ug/L		12/11/24 04:48	12/15/24 02:48	1
Phorate	<0.221	U H	0.571	0.221	ug/L		12/11/24 04:48	12/15/24 02:48	1
p-Phenylene diamine	<0.500	U H *-	1.14	0.500	ug/L		12/11/24 04:48	12/15/24 02:48	1
Pronamide	<0.100	U H	0.571	0.100	ug/L		12/11/24 04:48	12/15/24 02:48	1
Safrole, Total	<0.0571	U H	0.571	0.0571	ug/L		12/11/24 04:48	12/15/24 02:48	1
Sulfotepp	<0.147	U *+ H	0.571	0.147	ug/L		12/11/24 04:48	12/15/24 02:48	1
Thionazin	<0.208	U H	1.14	0.208	ug/L		12/11/24 04:48	12/15/24 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*120*		*35 - 130*	*12/11/24 04:48*	*12/15/24 02:48*	*1*
2-Fluorobiphenyl	*87*		*43 - 130*	*12/11/24 04:48*	*12/15/24 02:48*	*1*
2-Fluorophenol (Surr)	*57*		*19 - 120*	*12/11/24 04:48*	*12/15/24 02:48*	*1*
Nitrobenzene-d5 (Surr)	*111*		*37 - 133*	*12/11/24 04:48*	*12/15/24 02:48*	*1*
Phenol-d5 (Surr)	*37*		*8 - 124*	*12/11/24 04:48*	*12/15/24 02:48*	*1*

Client Sample ID: MW-20

Date Collected: 11/11/24 14:02
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14	*148*	*S1+*	*47 - 130*	*12/11/24 04:48*	*12/15/24 02:48*	*1*

Client Sample ID: MW-19

Date Collected: 11/11/24 14:55
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/16/24 00:29	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/16/24 00:29	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/16/24 00:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/16/24 00:29	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/16/24 00:29	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/16/24 00:29	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/16/24 00:29	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/16/24 00:29	1
1,2,4-Trimethylbenzene	**1.03**		1.00	0.417	ug/L			11/16/24 00:29	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/16/24 00:29	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/16/24 00:29	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/16/24 00:29	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/16/24 00:29	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/16/24 00:29	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/16/24 00:29	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/16/24 00:29	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/16/24 00:29	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/16/24 00:29	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/16/24 00:29	1
Acetone	<3.07	U	100	3.07	ug/L			11/16/24 00:29	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/16/24 00:29	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/16/24 00:29	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/16/24 00:29	1
Benzene	**22.2**		1.00	0.460	ug/L			11/16/24 00:29	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/16/24 00:29	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/16/24 00:29	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/16/24 00:29	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/16/24 00:29	1
Chlorobenzene	**1.31**		1.00	0.455	ug/L			11/16/24 00:29	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/16/24 00:29	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/16/24 00:29	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/16/24 00:29	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/16/24 00:29	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/16/24 00:29	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/16/24 00:29	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/16/24 00:29	1
Cumene (isopropylbenzene)	**13.1**		1.00	0.592	ug/L			11/16/24 00:29	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/16/24 00:29	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/16/24 00:29	1
Ethylbenzene	**1.36**		1.00	0.385	ug/L			11/16/24 00:29	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/16/24 00:29	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: MW-19
Date Collected: 11/11/24 14:55
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/16/24 00:29	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/16/24 00:29	1
Propylbenzene	**10.5**		1.00	0.429	ug/L			11/16/24 00:29	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/16/24 00:29	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/16/24 00:29	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/16/24 00:29	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/16/24 00:29	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/16/24 00:29	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/16/24 00:29	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/16/24 00:29	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/16/24 00:29	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/16/24 00:29	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/16/24 00:29	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/16/24 00:29	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/16/24 00:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*		*11/16/24 00:29*	*1*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*11/16/24 00:29*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/16/24 00:29*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/16/24 00:29*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<8.28	U H	50.0	8.28	ug/L			11/19/24 01:18	1
2-Hexanone (MBK)	<5.00	U H	50.0	5.00	ug/L			11/19/24 01:18	1
Acrolein	<11.1	U H	50.0	11.1	ug/L			11/19/24 01:18	1
Bromomethane	<1.42	U H	5.00	1.42	ug/L			11/19/24 01:18	1
Dichlorodifluoromethane	<0.785	U H	1.00	0.785	ug/L			11/19/24 01:18	1
Ethyl methacrylate	<1.12	U H	5.00	1.12	ug/L			11/19/24 01:18	1
Hexane	<0.517	U H	5.00	0.517	ug/L			11/19/24 01:18	1
Iodomethane	<5.00	U H	20.0	5.00	ug/L			11/19/24 01:18	1
Isobutanol	<17.1	U H	50.0	17.1	ug/L			11/19/24 01:18	1
Methacrylonitrile	<2.72	U H	10.0	2.72	ug/L			11/19/24 01:18	1
Methyl methacrylate	<2.25	U H	10.0	2.25	ug/L			11/19/24 01:18	1
trans-1,4-Dichloro-2-butene	<1.35	U H	10.0	1.35	ug/L			11/19/24 01:18	1
Vinyl acetate	<2.14	U H	20.0	2.14	ug/L			11/19/24 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*		*11/19/24 01:18*	*1*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*11/19/24 01:18*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*11/19/24 01:18*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/19/24 01:18*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0761	U *-	0.567	0.0761	ug/L		11/15/24 05:06	12/14/24 23:45	1
1,2-Dichlorobenzene	**0.165**	**J**	0.567	0.0934	ug/L		11/15/24 05:06	12/14/24 23:45	1
1,3-Dichlorobenzene	<0.101	U	0.567	0.101	ug/L		11/15/24 05:06	12/14/24 23:45	1
1,4-Dichlorobenzene	<0.0774	U	0.567	0.0774	ug/L		11/15/24 05:06	12/14/24 23:45	1

Client Sample ID: MW-19
Date Collected: 11/11/24 14:55
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2'-oxybis[1-chloropropane]	<1.42	U	2.84	1.42	ug/L		11/15/24 05:06	12/14/24 23:45	1
2,4,5-Trichlorophenol	<0.142	U	0.567	0.142	ug/L		11/15/24 05:06	12/14/24 23:45	1
2,4,6-Trichlorophenol	<0.229	U	0.567	0.229	ug/L		11/15/24 05:06	12/14/24 23:45	1
2,4-Dichlorophenol	<0.139	U	0.567	0.139	ug/L		11/15/24 05:06	12/14/24 23:45	1
2,4-Dimethylphenol	<0.191	U *+	0.567	0.191	ug/L		11/15/24 05:06	12/14/24 23:45	1
1,4-Dioxane	**2.05**		0.567	0.0884	ug/L		11/15/24 05:06	12/14/24 23:45	1
2,4-Dinitrophenol	<0.103	U	2.84	0.103	ug/L		11/15/24 05:06	12/14/24 23:45	1
2,4-Dinitrotoluene	<0.203	U	0.567	0.203	ug/L		11/15/24 05:06	12/14/24 23:45	1
2,6-Dinitrotoluene	<0.115	U	0.567	0.115	ug/L		11/15/24 05:06	12/14/24 23:45	1
2-Chloronaphthalene	<0.376	U	0.567	0.376	ug/L		11/15/24 05:06	12/14/24 23:45	1
2-Methylnaphthalene	**0.929**		0.567	0.0598	ug/L		11/15/24 05:06	12/14/24 23:45	1
2-Methylphenol	<0.104	U	0.567	0.104	ug/L		11/15/24 05:06	12/14/24 23:45	1
2-Nitroaniline	<0.148	U	0.567	0.148	ug/L		11/15/24 05:06	12/14/24 23:45	1
2-Nitrophenol	<0.135	U	0.567	0.135	ug/L		11/15/24 05:06	12/14/24 23:45	1
3 & 4 Methylphenol	<0.138	U	0.567	0.138	ug/L		11/15/24 05:06	12/14/24 23:45	1
3-Nitroaniline	<0.0846	U	0.567	0.0846	ug/L		11/15/24 05:06	12/14/24 23:45	1
4,6-Dinitro-2-methylphenol	<0.200	U	1.13	0.200	ug/L		11/15/24 05:06	12/14/24 23:45	1
4-Bromophenyl phenyl ether	<0.0996	U	0.567	0.0996	ug/L		11/15/24 05:06	12/14/24 23:45	1
4-Chloro-3-methylphenol	<0.103	U	0.567	0.103	ug/L		11/15/24 05:06	12/14/24 23:45	1
4-Chloroaniline	<0.0383	U	0.567	0.0383	ug/L		11/15/24 05:06	12/14/24 23:45	1
4-Chlorophenyl phenyl ether	<0.129	U	0.567	0.129	ug/L		11/15/24 05:06	12/14/24 23:45	1
4-Nitroaniline	<0.108	U	0.567	0.108	ug/L		11/15/24 05:06	12/14/24 23:45	1
Acenaphthene	<0.107	U	0.567	0.107	ug/L		11/15/24 05:06	12/14/24 23:45	1
Acenaphthylene	<0.0989	U	0.567	0.0989	ug/L		11/15/24 05:06	12/14/24 23:45	1
Aniline	**0.484**	**J I**	0.567	0.0575	ug/L		11/15/24 05:06	12/14/24 23:45	1
Anthracene	<0.0931	U	0.567	0.0931	ug/L		11/15/24 05:06	12/14/24 23:45	1
Benzo[a]anthracene	<0.0284	U *+	0.0284	0.0284	ug/L		11/15/24 05:06	12/14/24 23:45	1
Benzo[a]pyrene	<0.0298	U	0.0567	0.0298	ug/L		11/15/24 05:06	12/14/24 23:45	1
Benzo[b]fluoranthene	<0.0659	U	0.567	0.0659	ug/L		11/15/24 05:06	12/14/24 23:45	1
Benzo[g,h,i]perylene	<0.0343	U	0.567	0.0343	ug/L		11/15/24 05:06	12/14/24 23:45	1
Benzo[k]fluoranthene	<0.0469	U	0.567	0.0469	ug/L		11/15/24 05:06	12/14/24 23:45	1
Benzyl alcohol	<0.596	U *-	1.13	0.596	ug/L		11/15/24 05:06	12/14/24 23:45	1
Bis(2-chloroethoxy)methane	<0.0967	U	0.567	0.0967	ug/L		11/15/24 05:06	12/14/24 23:45	1
Bis(2-chloroethyl)ether	<0.213	U	0.567	0.213	ug/L		11/15/24 05:06	12/14/24 23:45	1
Bis(2-ethylhexyl) phthalate	<0.894	U	1.13	0.894	ug/L		11/15/24 05:06	12/14/24 23:45	1
Butyl benzyl phthalate	<0.496	U	1.13	0.496	ug/L		11/15/24 05:06	12/14/24 23:45	1
Chrysene	<0.0810	U	0.567	0.0810	ug/L		11/15/24 05:06	12/14/24 23:45	1
Dibenz(a,h)anthracene	<0.0505	U	0.113	0.0505	ug/L		11/15/24 05:06	12/14/24 23:45	1
Dibenzofuran	**3.00**		0.567	0.106	ug/L		11/15/24 05:06	12/14/24 23:45	1
Diethyl phthalate	<0.154	U *+	1.13	0.154	ug/L		11/15/24 05:06	12/14/24 23:45	1
Dimethyl phthalate	<0.107	U *+	1.13	0.107	ug/L		11/15/24 05:06	12/14/24 23:45	1
Di-n-butyl phthalate	<0.760	U *+	1.13	0.760	ug/L		11/15/24 05:06	12/14/24 23:45	1
Di-n-octyl phthalate	<0.267	U	1.13	0.267	ug/L		11/15/24 05:06	12/14/24 23:45	1
Fluoranthene	<0.0877	U	0.567	0.0877	ug/L		11/15/24 05:06	12/14/24 23:45	1
Fluorene	**0.272**	**J**	0.567	0.0941	ug/L		11/15/24 05:06	12/14/24 23:45	1
Hexachlorobenzene	<0.0968	U	0.567	0.0968	ug/L		11/15/24 05:06	12/14/24 23:45	1
Hexachlorobutadiene	<0.102	U	0.567	0.102	ug/L		11/15/24 05:06	12/14/24 23:45	1
Hexachlorocyclopentadiene	<0.0508	U	0.567	0.0508	ug/L		11/15/24 05:06	12/14/24 23:45	1
Hexachloroethane	<0.101	U	0.567	0.101	ug/L		11/15/24 05:06	12/14/24 23:45	1

Client Sample ID: MW-19
Date Collected: 11/11/24 14:55
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.0993	U	0.567	0.0993	ug/L		11/15/24 05:06	12/14/24 23:45	1
Isophorone	<0.106	U	0.567	0.106	ug/L		11/15/24 05:06	12/14/24 23:45	1
Naphthalene	**16.7**		0.567	0.0938	ug/L		11/15/24 05:06	12/14/24 23:45	1
Nitrobenzene	<0.0731	U	0.567	0.0731	ug/L		11/15/24 05:06	12/14/24 23:45	1
N-Nitrosodi-n-propylamine	<0.118	U	0.567	0.118	ug/L		11/15/24 05:06	12/14/24 23:45	1
N-Nitrosodiphenylamine	<0.144	U	0.567	0.144	ug/L		11/15/24 05:06	12/14/24 23:45	1
Pentachlorophenol	<1.03	U	1.13	1.03	ug/L		11/15/24 05:06	12/14/24 23:45	1
Phenanthrene	<0.133	U	0.567	0.133	ug/L		11/15/24 05:06	12/14/24 23:45	1
Phenol	**19.7**	**I**	2.84	0.445	ug/L		11/15/24 05:06	12/14/24 23:45	1
Pyrene	<0.0843	U *+	0.567	0.0843	ug/L		11/15/24 05:06	12/14/24 23:45	1
Pyridine	<1.43	U *1	2.84	1.43	ug/L		11/15/24 05:06	12/14/24 23:45	1
N-Nitro-o-toluidine	<0.516	U	1.13	0.516	ug/L		11/15/24 05:06	12/14/24 23:45	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.567	0.209	ug/L		11/15/24 05:06	12/14/24 23:45	1
Acetophenone	**0.785**	**J**	1.13	0.619	ug/L		11/15/24 05:06	12/14/24 23:45	1
N-Nitrosopiperidine	<0.464	U	1.13	0.464	ug/L		11/15/24 05:06	12/14/24 23:45	1
Pentachlorobenzene	<0.264	U	0.567	0.264	ug/L		11/15/24 05:06	12/14/24 23:45	1
4-Aminobiphenyl	<0.391	U	0.567	0.391	ug/L		11/15/24 05:06	12/14/24 23:45	1
1,2,4,5-Tetrachlorobenzene	<0.0951	U *-	0.567	0.0951	ug/L		11/15/24 05:06	12/14/24 23:45	1
1,3,5-Trinitrobenzene	<0.118	U	0.567	0.118	ug/L		11/15/24 05:06	12/14/24 23:45	1
1,3-Dinitrobenzene	<0.0767	U	0.567	0.0767	ug/L		11/15/24 05:06	12/14/24 23:45	1
1,4-Naphthoquinone	<0.312	U	0.567	0.312	ug/L		11/15/24 05:06	12/14/24 23:45	1
1-Naphthylamine	<0.148	U	0.567	0.148	ug/L		11/15/24 05:06	12/14/24 23:45	1
2,6-Dichlorophenol	<0.117	U	0.567	0.117	ug/L		11/15/24 05:06	12/14/24 23:45	1
2-Acetylaminofluorene	<1.26	U *+	2.84	1.26	ug/L		11/15/24 05:06	12/14/24 23:45	1
2-Chlorophenol	<0.0751	U	0.567	0.0751	ug/L		11/15/24 05:06	12/14/24 23:45	1
2-Naphthylamine	<0.286	U	0.567	0.286	ug/L		11/15/24 05:06	12/14/24 23:45	1
2-Picoline	<0.122	U *- *1	0.567	0.122	ug/L		11/15/24 05:06	12/14/24 23:45	1
2-Toluidine	<0.304	U	0.567	0.304	ug/L		11/15/24 05:06	12/14/24 23:45	1
3,3'-Dichlorobenzidine	<0.182	U	0.567	0.182	ug/L		11/15/24 05:06	12/14/24 23:45	1
3,3'-Dimethylbenzidine	<0.141	U	0.567	0.141	ug/L		11/15/24 05:06	12/14/24 23:45	1
3-Methylcholanthrene	<0.104	U	0.567	0.104	ug/L		11/15/24 05:06	12/14/24 23:45	1
4-Nitroquinoline-1-oxide	<0.725	U	1.13	0.725	ug/L		11/15/24 05:06	12/14/24 23:45	1
7,12-Dimethylbenz(a)anthracene	<0.239	U	0.567	0.239	ug/L		11/15/24 05:06	12/14/24 23:45	1
alpha,alpha-Dimethyl phenethylamine	<3.64	U *-	5.67	3.64	ug/L		11/15/24 05:06	12/14/24 23:45	1
Aramite Peak 1	<0.0780	U	0.567	0.0780	ug/L		11/15/24 05:06	12/14/24 23:45	1
Aramite Peak 2	<0.0947	U	0.567	0.0947	ug/L		11/15/24 05:06	12/14/24 23:45	1
Aramite, Total	<0.0947	U	0.567	0.0947	ug/L		11/15/24 05:06	12/14/24 23:45	1
Diallate	<0.0829	U	0.567	0.0829	ug/L		11/15/24 05:06	12/14/24 23:45	1
Diallate Peak 1	<0.0829	U	0.567	0.0829	ug/L		11/15/24 05:06	12/14/24 23:45	1
Diallate Peak 2	<0.0383	U	0.567	0.0383	ug/L		11/15/24 05:06	12/14/24 23:45	1
Dimethoate	<0.121	U	0.567	0.121	ug/L		11/15/24 05:06	12/14/24 23:45	1
Dinoseb	<0.566	U	2.84	0.566	ug/L		11/15/24 05:06	12/14/24 23:45	1
Disulfoton	<0.201	U	0.567	0.201	ug/L		11/15/24 05:06	12/14/24 23:45	1
Ethyl methanesulfonate	<0.225	U	0.567	0.225	ug/L		11/15/24 05:06	12/14/24 23:45	1
Ethyl Parathion	<0.0498	U	0.227	0.0498	ug/L		11/15/24 05:06	12/14/24 23:45	1
Famphur	<0.150	U	1.13	0.150	ug/L		11/15/24 05:06	12/14/24 23:45	1
Hexachloropropene	<0.298	U *-	0.567	0.298	ug/L		11/15/24 05:06	12/14/24 23:45	1
Isosafrole	<0.239	U	0.567	0.239	ug/L		11/15/24 05:06	12/14/24 23:45	1
Isosafrole Peak 1	<0.0460	U	0.567	0.0460	ug/L		11/15/24 05:06	12/14/24 23:45	1

Client Sample ID: MW-19

Date Collected: 11/11/24 14:55
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-5

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isosafrole Peak 2	<0.239	U	0.567	0.239	ug/L		11/15/24 05:06	12/14/24 23:45	1
Methapyrilene	<0.993	U	2.27	0.993	ug/L		11/15/24 05:06	12/14/24 23:45	1
Methyl methanesulfonate	<0.119	U	0.567	0.119	ug/L		11/15/24 05:06	12/14/24 23:45	1
Methyl parathion	<0.317	U	0.567	0.317	ug/L		11/15/24 05:06	12/14/24 23:45	1
N-Nitrosodiethylamine	<0.535	U	1.13	0.535	ug/L		11/15/24 05:06	12/14/24 23:45	1
N-Nitrosodimethylamine	<0.0993	U *-	0.567	0.0993	ug/L		11/15/24 05:06	12/14/24 23:45	1
N-Nitrosodi-n-butylamine	<0.512	U	1.13	0.512	ug/L		11/15/24 05:06	12/14/24 23:45	1
N-Nitrosomethylethylamine	<0.292	U	0.567	0.292	ug/L		11/15/24 05:06	12/14/24 23:45	1
N-Nitrosomorpholine	<0.219	U	0.567	0.219	ug/L		11/15/24 05:06	12/14/24 23:45	1
N-Nitrosopyrrolidine	<0.266	U *-	0.567	0.266	ug/L		11/15/24 05:06	12/14/24 23:45	1
o,o',o''-Triethylphosphorothioate	<0.137	U	0.567	0.137	ug/L		11/15/24 05:06	12/14/24 23:45	1
p-Dimethylamino azobenzene	<0.0236	U	0.567	0.0236	ug/L		11/15/24 05:06	12/14/24 23:45	1
Pentachloronitrobenzene	<0.0993	U *+	0.567	0.0993	ug/L		11/15/24 05:06	12/14/24 23:45	1
Phenacetin	<0.0993	U	0.567	0.0993	ug/L		11/15/24 05:06	12/14/24 23:45	1
Phorate	<0.220	U	0.567	0.220	ug/L		11/15/24 05:06	12/14/24 23:45	1
p-Phenylene diamine	<0.496	U *-	1.13	0.496	ug/L		11/15/24 05:06	12/14/24 23:45	1
Pronamide	<0.0993	U *+	0.567	0.0993	ug/L		11/15/24 05:06	12/14/24 23:45	1
Safrole, Total	<0.0567	U	0.567	0.0567	ug/L		11/15/24 05:06	12/14/24 23:45	1
Sulfotepp	<0.146	U	0.567	0.146	ug/L		11/15/24 05:06	12/14/24 23:45	1
Thionazin	<0.207	U	1.13	0.207	ug/L		11/15/24 05:06	12/14/24 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*139*	*S1+*	*35 - 130*	*11/15/24 05:06*	*12/14/24 23:45*	*1*
2-Fluorobiphenyl	*85*		*43 - 130*	*11/15/24 05:06*	*12/14/24 23:45*	*1*
2-Fluorophenol (Surr)	*73*		*19 - 120*	*11/15/24 05:06*	*12/14/24 23:45*	*1*
Nitrobenzene-d5 (Surr)	*135*	*S1+*	*37 - 133*	*11/15/24 05:06*	*12/14/24 23:45*	*1*
Phenol-d5 (Surr)	*48*		*8 - 124*	*11/15/24 05:06*	*12/14/24 23:45*	*1*
p-Terphenyl-d14	*182*	*S1+*	*47 - 130*	*11/15/24 05:06*	*12/14/24 23:45*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**389**		56.7	9.74	ug/L		11/15/24 05:06	12/11/24 07:50	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*S1-*	*35 - 130*	*11/15/24 05:06*	*12/11/24 07:50*	*100*
2-Fluorobiphenyl	*79*		*43 - 130*	*11/15/24 05:06*	*12/11/24 07:50*	*100*
2-Fluorophenol (Surr)	*54*		*19 - 120*	*11/15/24 05:06*	*12/11/24 07:50*	*100*
Nitrobenzene-d5 (Surr)	*86*	*I*	*37 - 133*	*11/15/24 05:06*	*12/11/24 07:50*	*100*
Phenol-d5 (Surr)	*51*		*8 - 124*	*11/15/24 05:06*	*12/11/24 07:50*	*100*
p-Terphenyl-d14	*149*	*I S1+*	*47 - 130*	*11/15/24 05:06*	*12/11/24 07:50*	*100*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	**8020**		567	90.3	ug/L		11/15/24 05:06	12/12/24 00:42	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*1011*	*I S1+*	*35 - 130*	*11/15/24 05:06*	*12/12/24 00:42*	*1000*
2-Fluorobiphenyl	*425*	*S1+*	*43 - 130*	*11/15/24 05:06*	*12/12/24 00:42*	*1000*
2-Fluorophenol (Surr)	*453*	*S1+*	*19 - 120*	*11/15/24 05:06*	*12/12/24 00:42*	*1000*
Nitrobenzene-d5 (Surr)	*369*	*I S1+*	*37 - 133*	*11/15/24 05:06*	*12/12/24 00:42*	*1000*
Phenol-d5 (Surr)	*1040*	*I S1+*	*8 - 124*	*11/15/24 05:06*	*12/12/24 00:42*	*1000*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: MW-19
Date Collected: 11/11/24 14:55
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2 (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14	*609*	*S1+*	*47 - 130*	*11/15/24 05:06*	*12/12/24 00:42*	*1000*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0774	U H	0.577	0.0774	ug/L		12/11/24 04:48	12/15/24 03:18	1
1,2-Dichlorobenzene	<0.0950	U H	0.577	0.0950	ug/L		12/11/24 04:48	12/15/24 03:18	1
1,3-Dichlorobenzene	<0.103	U H	0.577	0.103	ug/L		12/11/24 04:48	12/15/24 03:18	1
1,4-Dichlorobenzene	<0.0787	U H	0.577	0.0787	ug/L		12/11/24 04:48	12/15/24 03:18	1
2,2'-oxybis[1-chloropropane]	<1.44	U H	2.89	1.44	ug/L		12/11/24 04:48	12/15/24 03:18	1
2,4,5-Trichlorophenol	<0.145	U H	0.577	0.145	ug/L		12/11/24 04:48	12/15/24 03:18	1
2,4,6-Trichlorophenol	<0.233	U H	0.577	0.233	ug/L		12/11/24 04:48	12/15/24 03:18	1
2,4-Dichlorophenol	<0.141	U H	0.577	0.141	ug/L		12/11/24 04:48	12/15/24 03:18	1
2,4-Dimethylphenol	<0.194	U *+ H	0.577	0.194	ug/L		12/11/24 04:48	12/15/24 03:18	1
1,4-Dioxane	**0.988**	**H**	0.577	0.0899	ug/L		12/11/24 04:48	12/15/24 03:18	1
2,4-Dinitrophenol	<0.105	U H	2.89	0.105	ug/L		12/11/24 04:48	12/15/24 03:18	1
2,4-Dinitrotoluene	<0.207	U H	0.577	0.207	ug/L		12/11/24 04:48	12/15/24 03:18	1
2,6-Dinitrotoluene	<0.117	U H	0.577	0.117	ug/L		12/11/24 04:48	12/15/24 03:18	1
2-Chloronaphthalene	<0.382	U H	0.577	0.382	ug/L		12/11/24 04:48	12/15/24 03:18	1
2-Methylnaphthalene	**0.397**	**J H**	0.577	0.0609	ug/L		12/11/24 04:48	12/15/24 03:18	1
2-Methylphenol	<0.106	U H	0.577	0.106	ug/L		12/11/24 04:48	12/15/24 03:18	1
2-Nitroaniline	<0.150	U H	0.577	0.150	ug/L		12/11/24 04:48	12/15/24 03:18	1
2-Nitrophenol	<0.137	U H	0.577	0.137	ug/L		12/11/24 04:48	12/15/24 03:18	1
3 & 4 Methylphenol	<0.140	U H	0.577	0.140	ug/L		12/11/24 04:48	12/15/24 03:18	1
3-Nitroaniline	<0.0861	U H	0.577	0.0861	ug/L		12/11/24 04:48	12/15/24 03:18	1
4,6-Dinitro-2-methylphenol	<0.203	U H	1.15	0.203	ug/L		12/11/24 04:48	12/15/24 03:18	1
4-Bromophenyl phenyl ether	<0.101	U H	0.577	0.101	ug/L		12/11/24 04:48	12/15/24 03:18	1
4-Chloro-3-methylphenol	<0.105	U H	0.577	0.105	ug/L		12/11/24 04:48	12/15/24 03:18	1
4-Chloroaniline	<0.0389	U H	0.577	0.0389	ug/L		12/11/24 04:48	12/15/24 03:18	1
4-Chlorophenyl phenyl ether	<0.132	U H	0.577	0.132	ug/L		12/11/24 04:48	12/15/24 03:18	1
4-Nitroaniline	<0.110	U H	0.577	0.110	ug/L		12/11/24 04:48	12/15/24 03:18	1
Acenaphthene	<0.109	U H	0.577	0.109	ug/L		12/11/24 04:48	12/15/24 03:18	1
Acenaphthylene	<0.101	U H	0.577	0.101	ug/L		12/11/24 04:48	12/15/24 03:18	1
Aniline	**0.0688**	**J H I**	0.577	0.0585	ug/L		12/11/24 04:48	12/15/24 03:18	1
Anthracene	<0.0947	U *+ H	0.577	0.0947	ug/L		12/11/24 04:48	12/15/24 03:18	1
Benzo[a]anthracene	<0.0289	U *+ H	0.0289	0.0289	ug/L		12/11/24 04:48	12/15/24 03:18	1
Benzo[a]pyrene	<0.0303	U H	0.0577	0.0303	ug/L		12/11/24 04:48	12/15/24 03:18	1
Benzo[b]fluoranthene	<0.0671	U *+ H	0.577	0.0671	ug/L		12/11/24 04:48	12/15/24 03:18	1
Benzo[g,h,i]perylene	<0.0349	U H	0.577	0.0349	ug/L		12/11/24 04:48	12/15/24 03:18	1
Benzo[k]fluoranthene	<0.0477	U H	0.577	0.0477	ug/L		12/11/24 04:48	12/15/24 03:18	1
Benzyl alcohol	<0.606	U H	1.15	0.606	ug/L		12/11/24 04:48	12/15/24 03:18	1
Bis(2-chloroethoxy)methane	<0.0984	U H	0.577	0.0984	ug/L		12/11/24 04:48	12/15/24 03:18	1
Bis(2-chloroethyl)ether	<0.216	U H	0.577	0.216	ug/L		12/11/24 04:48	12/15/24 03:18	1
Bis(2-ethylhexyl) phthalate	<0.909	U *+ H	1.15	0.909	ug/L		12/11/24 04:48	12/15/24 03:18	1
Butyl benzyl phthalate	<0.505	U H	1.15	0.505	ug/L		12/11/24 04:48	12/15/24 03:18	1
Chrysene	<0.0824	U *+ H	0.577	0.0824	ug/L		12/11/24 04:48	12/15/24 03:18	1
Dibenz(a,h)anthracene	<0.0514	U H	0.115	0.0514	ug/L		12/11/24 04:48	12/15/24 03:18	1
Dibenzofuran	**1.46**	**H**	0.577	0.108	ug/L		12/11/24 04:48	12/15/24 03:18	1
Diethyl phthalate	<0.156	U H	1.15	0.156	ug/L		12/11/24 04:48	12/15/24 03:18	1
Dimethyl phthalate	<0.109	U H	1.15	0.109	ug/L		12/11/24 04:48	12/15/24 03:18	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: MW-19

Date Collected: 11/11/24 14:55
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-5

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	<0.773	U H	1.15	0.773	ug/L		12/11/24 04:48	12/15/24 03:18	1
Di-n-octyl phthalate	<0.272	U H	1.15	0.272	ug/L		12/11/24 04:48	12/15/24 03:18	1
Fluoranthene	<0.0892	U H	0.577	0.0892	ug/L		12/11/24 04:48	12/15/24 03:18	1
Fluorene	**0.133**	**J H**	0.577	0.0958	ug/L		12/11/24 04:48	12/15/24 03:18	1
Hexachlorobenzene	<0.0985	U H	0.577	0.0985	ug/L		12/11/24 04:48	12/15/24 03:18	1
Hexachlorobutadiene	<0.104	U H	0.577	0.104	ug/L		12/11/24 04:48	12/15/24 03:18	1
Hexachlorocyclopentadiene	<0.0517	U *+ H	0.577	0.0517	ug/L		12/11/24 04:48	12/15/24 03:18	1
Hexachloroethane	<0.103	U H	0.577	0.103	ug/L		12/11/24 04:48	12/15/24 03:18	1
Indeno[1,2,3-cd]pyrene	<0.101	U H	0.577	0.101	ug/L		12/11/24 04:48	12/15/24 03:18	1
Isophorone	<0.108	U H	0.577	0.108	ug/L		12/11/24 04:48	12/15/24 03:18	1
Naphthalene	**8.19**	**H**	0.577	0.0954	ug/L		12/11/24 04:48	12/15/24 03:18	1
Nitrobenzene	<0.0744	U H	0.577	0.0744	ug/L		12/11/24 04:48	12/15/24 03:18	1
N-Nitrosodi-n-propylamine	<0.120	U H	0.577	0.120	ug/L		12/11/24 04:48	12/15/24 03:18	1
N-Nitrosodiphenylamine	<0.146	U H	0.577	0.146	ug/L		12/11/24 04:48	12/15/24 03:18	1
Pentachlorophenol	<1.05	U H	1.15	1.05	ug/L		12/11/24 04:48	12/15/24 03:18	1
Phenanthrene	<0.135	U *+ H	0.577	0.135	ug/L		12/11/24 04:48	12/15/24 03:18	1
Phenol	**2.04**	**J H I**	2.89	0.453	ug/L		12/11/24 04:48	12/15/24 03:18	1
Pyrene	<0.0857	U H	0.577	0.0857	ug/L		12/11/24 04:48	12/15/24 03:18	1
Pyridine	<1.45	U H *1	2.89	1.45	ug/L		12/11/24 04:48	12/15/24 03:18	1
N-Nitro-o-toluidine	<0.525	U H	1.15	0.525	ug/L		12/11/24 04:48	12/15/24 03:18	1
2,3,4,6-Tetrachlorophenol	<0.213	U *+ H	0.577	0.213	ug/L		12/11/24 04:48	12/15/24 03:18	1
Acetophenone	<0.630	U H	1.15	0.630	ug/L		12/11/24 04:48	12/15/24 03:18	1
N-Nitrosopiperidine	<0.472	U H	1.15	0.472	ug/L		12/11/24 04:48	12/15/24 03:18	1
Pentachlorobenzene	<0.269	U H	0.577	0.269	ug/L		12/11/24 04:48	12/15/24 03:18	1
4-Aminobiphenyl	<0.398	U H	0.577	0.398	ug/L		12/11/24 04:48	12/15/24 03:18	1
1,2,4,5-Tetrachlorobenzene	<0.0967	U H	0.577	0.0967	ug/L		12/11/24 04:48	12/15/24 03:18	1
1,3,5-Trinitrobenzene	<0.120	U H	0.577	0.120	ug/L		12/11/24 04:48	12/15/24 03:18	1
1,3-Dinitrobenzene	<0.0781	U H	0.577	0.0781	ug/L		12/11/24 04:48	12/15/24 03:18	1
1,4-Naphthoquinone	<0.317	U H	0.577	0.317	ug/L		12/11/24 04:48	12/15/24 03:18	1
1-Naphthylamine	<0.150	U H	0.577	0.150	ug/L		12/11/24 04:48	12/15/24 03:18	1
2,6-Dichlorophenol	<0.119	U H	0.577	0.119	ug/L		12/11/24 04:48	12/15/24 03:18	1
2-Acetylaminofluorene	<1.28	U *+ H	2.89	1.28	ug/L		12/11/24 04:48	12/15/24 03:18	1
2-Chlorophenol	<0.0764	U H	0.577	0.0764	ug/L		12/11/24 04:48	12/15/24 03:18	1
2-Naphthylamine	<0.291	U H	0.577	0.291	ug/L		12/11/24 04:48	12/15/24 03:18	1
2-Picoline	<0.124	U H	0.577	0.124	ug/L		12/11/24 04:48	12/15/24 03:18	1
2-Toluidine	<0.309	U H	0.577	0.309	ug/L		12/11/24 04:48	12/15/24 03:18	1
3,3'-Dichlorobenzidine	<0.185	U H	0.577	0.185	ug/L		12/11/24 04:48	12/15/24 03:18	1
3,3'-Dimethylbenzidine	<0.143	U H	0.577	0.143	ug/L		12/11/24 04:48	12/15/24 03:18	1
3-Methylcholanthrene	<0.105	U H	0.577	0.105	ug/L		12/11/24 04:48	12/15/24 03:18	1
4-Nitroquinoline-1-oxide	<0.738	U H	1.15	0.738	ug/L		12/11/24 04:48	12/15/24 03:18	1
7,12-Dimethylbenz(a)anthracene	<0.244	U H	0.577	0.244	ug/L		12/11/24 04:48	12/15/24 03:18	1
alpha,alpha-Dimethyl phenethylamine	<3.71	U H *-	5.77	3.71	ug/L		12/11/24 04:48	12/15/24 03:18	1
Aramite Peak 1	<0.0793	U *+ H	0.577	0.0793	ug/L		12/11/24 04:48	12/15/24 03:18	1
Aramite Peak 2	<0.0963	U H	0.577	0.0963	ug/L		12/11/24 04:48	12/15/24 03:18	1
Aramite, Total	<0.0963	U H	0.577	0.0963	ug/L		12/11/24 04:48	12/15/24 03:18	1
Diallate	<0.0843	U H	0.577	0.0843	ug/L		12/11/24 04:48	12/15/24 03:18	1
Diallate Peak 1	<0.0843	U H	0.577	0.0843	ug/L		12/11/24 04:48	12/15/24 03:18	1
Diallate Peak 2	<0.0389	U H	0.577	0.0389	ug/L		12/11/24 04:48	12/15/24 03:18	1
Dimethoate	<0.123	U *+ H	0.577	0.123	ug/L		12/11/24 04:48	12/15/24 03:18	1

Client Sample ID: MW-19

Date Collected: 11/11/24 14:55
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dinoseb	<0.575	U H	2.89	0.575	ug/L		12/11/24 04:48	12/15/24 03:18	1
Disulfoton	<0.205	U H	0.577	0.205	ug/L		12/11/24 04:48	12/15/24 03:18	1
Ethyl methanesulfonate	<0.229	U H	0.577	0.229	ug/L		12/11/24 04:48	12/15/24 03:18	1
Ethyl Parathion	<0.0507	U H	0.231	0.0507	ug/L		12/11/24 04:48	12/15/24 03:18	1
Famphur	<0.152	U H	1.15	0.152	ug/L		12/11/24 04:48	12/15/24 03:18	1
Hexachloropropene	<0.303	U H	0.577	0.303	ug/L		12/11/24 04:48	12/15/24 03:18	1
Isosafrole	<0.243	U H	0.577	0.243	ug/L		12/11/24 04:48	12/15/24 03:18	1
Isosafrole Peak 1	<0.0468	U H	0.577	0.0468	ug/L		12/11/24 04:48	12/15/24 03:18	1
Isosafrole Peak 2	<0.243	U H	0.577	0.243	ug/L		12/11/24 04:48	12/15/24 03:18	1
Methapyrilene	<1.01	U H	2.31	1.01	ug/L		12/11/24 04:48	12/15/24 03:18	1
Methyl methanesulfonate	<0.121	U H	0.577	0.121	ug/L		12/11/24 04:48	12/15/24 03:18	1
Methyl parathion	<0.323	U H	0.577	0.323	ug/L		12/11/24 04:48	12/15/24 03:18	1
N-Nitrosodiethylamine	<0.544	U H	1.15	0.544	ug/L		12/11/24 04:48	12/15/24 03:18	1
N-Nitrosodimethylamine	<0.101	U H *-	0.577	0.101	ug/L		12/11/24 04:48	12/15/24 03:18	1
N-Nitrosodi-n-butylamine	<0.521	U H	1.15	0.521	ug/L		12/11/24 04:48	12/15/24 03:18	1
N-Nitrosomethylethylamine	<0.297	U H	0.577	0.297	ug/L		12/11/24 04:48	12/15/24 03:18	1
N-Nitrosomorpholine	<0.222	U H	0.577	0.222	ug/L		12/11/24 04:48	12/15/24 03:18	1
N-Nitrosopyrrolidine	<0.270	U H	0.577	0.270	ug/L		12/11/24 04:48	12/15/24 03:18	1
o,o',o''-Triethylphosphorothioate	<0.140	U H	0.577	0.140	ug/L		12/11/24 04:48	12/15/24 03:18	1
p-Dimethylamino azobenzene	<0.0240	U H	0.577	0.0240	ug/L		12/11/24 04:48	12/15/24 03:18	1
Pentachloronitrobenzene	<0.101	U H	0.577	0.101	ug/L		12/11/24 04:48	12/15/24 03:18	1
Phenacetin	<0.101	U H	0.577	0.101	ug/L		12/11/24 04:48	12/15/24 03:18	1
Phorate	<0.224	U H	0.577	0.224	ug/L		12/11/24 04:48	12/15/24 03:18	1
p-Phenylene diamine	<0.505	U H *-	1.15	0.505	ug/L		12/11/24 04:48	12/15/24 03:18	1
Pronamide	<0.101	U H	0.577	0.101	ug/L		12/11/24 04:48	12/15/24 03:18	1
Safrole, Total	<0.0577	U H	0.577	0.0577	ug/L		12/11/24 04:48	12/15/24 03:18	1
Sulfotepp	<0.148	U *+ H	0.577	0.148	ug/L		12/11/24 04:48	12/15/24 03:18	1
Thionazin	<0.210	U H	1.15	0.210	ug/L		12/11/24 04:48	12/15/24 03:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*117*		*35 - 130*	*12/11/24 04:48*	*12/15/24 03:18*	*1*
2-Fluorobiphenyl	*80*		*43 - 130*	*12/11/24 04:48*	*12/15/24 03:18*	*1*
2-Fluorophenol (Surr)	*60*		*19 - 120*	*12/11/24 04:48*	*12/15/24 03:18*	*1*
Nitrobenzene-d5 (Surr)	*107*		*37 - 133*	*12/11/24 04:48*	*12/15/24 03:18*	*1*
Phenol-d5 (Surr)	*35*		*8 - 124*	*12/11/24 04:48*	*12/15/24 03:18*	*1*
p-Terphenyl-d14	*149*	*S1+*	*47 - 130*	*12/11/24 04:48*	*12/15/24 03:18*	*1*

Client Sample ID: MW-18

Date Collected: 11/12/24 12:30
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/19/24 00:00	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/19/24 00:00	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/19/24 00:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/19/24 00:00	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/19/24 00:00	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/19/24 00:00	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/19/24 00:00	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: MW-18

Date Collected: 11/12/24 12:30
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-6

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/19/24 00:00	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/19/24 00:00	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/19/24 00:00	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/19/24 00:00	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/19/24 00:00	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/19/24 00:00	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/19/24 00:00	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/19/24 00:00	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/19/24 00:00	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/19/24 00:00	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/19/24 00:00	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/19/24 00:00	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/19/24 00:00	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/19/24 00:00	1
Acetone	<3.07	U	100	3.07	ug/L			11/19/24 00:00	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/19/24 00:00	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/19/24 00:00	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/19/24 00:00	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/19/24 00:00	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/19/24 00:00	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/19/24 00:00	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/19/24 00:00	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/19/24 00:00	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/19/24 00:00	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/19/24 00:00	1
Chlorobenzene	**19.5**		1.00	0.455	ug/L			11/19/24 00:00	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/19/24 00:00	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/19/24 00:00	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/19/24 00:00	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/19/24 00:00	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/19/24 00:00	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/19/24 00:00	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/19/24 00:00	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/19/24 00:00	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/19/24 00:00	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/19/24 00:00	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/19/24 00:00	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/19/24 00:00	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/19/24 00:00	1
Hexane	**0.613**	**J**	5.00	0.517	ug/L			11/19/24 00:00	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/19/24 00:00	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/19/24 00:00	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/19/24 00:00	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/19/24 00:00	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/19/24 00:00	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/19/24 00:00	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/19/24 00:00	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/19/24 00:00	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/19/24 00:00	1

Client Sample ID: MW-18

Date Collected: 11/12/24 12:30
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	<0.655	U F1	1.00	0.655	ug/L			11/19/24 00:00	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/19/24 00:00	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/19/24 00:00	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/19/24 00:00	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/19/24 00:00	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/19/24 00:00	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/19/24 00:00	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/19/24 00:00	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/19/24 00:00	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/19/24 00:00	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/19/24 00:00	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/19/24 00:00	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/19/24 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*11/19/24 00:00*	*1*
4-Bromofluorobenzene (Surr)	*94*		*74 - 124*		*11/19/24 00:00*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 131*		*11/19/24 00:00*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/19/24 00:00*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0764	U *-	0.570	0.0764	ug/L		11/15/24 05:06	12/15/24 00:16	1
1,2-Dichlorobenzene	**0.184**	**J**	0.570	0.0938	ug/L		11/15/24 05:06	12/15/24 00:16	1
1,3-Dichlorobenzene	<0.101	U	0.570	0.101	ug/L		11/15/24 05:06	12/15/24 00:16	1
1,4-Dichlorobenzene	**0.323**	**J**	0.570	0.0777	ug/L		11/15/24 05:06	12/15/24 00:16	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.85	1.42	ug/L		11/15/24 05:06	12/15/24 00:16	1
2,4,5-Trichlorophenol	<0.143	U F1	0.570	0.143	ug/L		11/15/24 05:06	12/15/24 00:16	1
2,4,6-Trichlorophenol	<0.230	U F1	0.570	0.230	ug/L		11/15/24 05:06	12/15/24 00:16	1
2,4-Dichlorophenol	<0.140	U F1	0.570	0.140	ug/L		11/15/24 05:06	12/15/24 00:16	1
2,4-Dimethylphenol	<0.192	U *+ F1	0.570	0.192	ug/L		11/15/24 05:06	12/15/24 00:16	1
1,4-Dioxane	**7.87**		0.570	0.0887	ug/L		11/15/24 05:06	12/15/24 00:16	1
2,4-Dinitrophenol	<0.104	U	2.85	0.104	ug/L		11/15/24 05:06	12/15/24 00:16	1
2,4-Dinitrotoluene	<0.204	U	0.570	0.204	ug/L		11/15/24 05:06	12/15/24 00:16	1
2,6-Dinitrotoluene	<0.116	U	0.570	0.116	ug/L		11/15/24 05:06	12/15/24 00:16	1
2-Chloronaphthalene	<0.377	U	0.570	0.377	ug/L		11/15/24 05:06	12/15/24 00:16	1
2-Methylnaphthalene	<0.0601	U	0.570	0.0601	ug/L		11/15/24 05:06	12/15/24 00:16	1
2-Methylphenol	<0.104	U	0.570	0.104	ug/L		11/15/24 05:06	12/15/24 00:16	1
2-Nitroaniline	<0.149	U F1	0.570	0.149	ug/L		11/15/24 05:06	12/15/24 00:16	1
2-Nitrophenol	<0.136	U	0.570	0.136	ug/L		11/15/24 05:06	12/15/24 00:16	1
3 & 4 Methylphenol	<0.138	U	0.570	0.138	ug/L		11/15/24 05:06	12/15/24 00:16	1
3-Nitroaniline	<0.0850	U	0.570	0.0850	ug/L		11/15/24 05:06	12/15/24 00:16	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/15/24 05:06	12/15/24 00:16	1
4-Bromophenyl phenyl ether	<0.100	U	0.570	0.100	ug/L		11/15/24 05:06	12/15/24 00:16	1
4-Chloro-3-methylphenol	<0.103	U	0.570	0.103	ug/L		11/15/24 05:06	12/15/24 00:16	1
4-Chloroaniline	<0.0384	U	0.570	0.0384	ug/L		11/15/24 05:06	12/15/24 00:16	1
4-Chlorophenyl phenyl ether	<0.130	U	0.570	0.130	ug/L		11/15/24 05:06	12/15/24 00:16	1
4-Nitroaniline	<0.108	U	0.570	0.108	ug/L		11/15/24 05:06	12/15/24 00:16	1
Acenaphthene	**0.785**		0.570	0.107	ug/L		11/15/24 05:06	12/15/24 00:16	1
Acenaphthylene	<0.0994	U F1	0.570	0.0994	ug/L		11/15/24 05:06	12/15/24 00:16	1

Client Sample ID: MW-18
Date Collected: 11/12/24 12:30
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	**0.379**	**J I**	0.570	0.0578	ug/L		11/15/24 05:06	12/15/24 00:16	1
Anthracene	<0.0935	U F1	0.570	0.0935	ug/L		11/15/24 05:06	12/15/24 00:16	1
Benzo[a]anthracene	<0.0285	U *+ F1	0.0285	0.0285	ug/L		11/15/24 05:06	12/15/24 00:16	1
Benzo[a]pyrene	<0.0299	U	0.0570	0.0299	ug/L		11/15/24 05:06	12/15/24 00:16	1
Benzo[b]fluoranthene	<0.0662	U	0.570	0.0662	ug/L		11/15/24 05:06	12/15/24 00:16	1
Benzo[g,h,i]perylene	<0.0344	U	0.570	0.0344	ug/L		11/15/24 05:06	12/15/24 00:16	1
Benzo[k]fluoranthene	<0.0471	U	0.570	0.0471	ug/L		11/15/24 05:06	12/15/24 00:16	1
Benzyl alcohol	<0.598	U *-	1.14	0.598	ug/L		11/15/24 05:06	12/15/24 00:16	1
Bis(2-chloroethoxy)methane	<0.0972	U	0.570	0.0972	ug/L		11/15/24 05:06	12/15/24 00:16	1
Bis(2-chloroethyl)ether	**0.764**		0.570	0.214	ug/L		11/15/24 05:06	12/15/24 00:16	1
Bis(2-ethylhexyl) phthalate	<0.897	U F1	1.14	0.897	ug/L		11/15/24 05:06	12/15/24 00:16	1
Butyl benzyl phthalate	<0.499	U F1	1.14	0.499	ug/L		11/15/24 05:06	12/15/24 00:16	1
Chrysene	<0.0813	U	0.570	0.0813	ug/L		11/15/24 05:06	12/15/24 00:16	1
Dibenz(a,h)anthracene	<0.0507	U	0.114	0.0507	ug/L		11/15/24 05:06	12/15/24 00:16	1
Dibenzofuran	<0.106	U	0.570	0.106	ug/L		11/15/24 05:06	12/15/24 00:16	1
Diethyl phthalate	<0.154	U *+ F1	1.14	0.154	ug/L		11/15/24 05:06	12/15/24 00:16	1
Dimethyl phthalate	<0.108	U F1 *+	1.14	0.108	ug/L		11/15/24 05:06	12/15/24 00:16	1
Di-n-butyl phthalate	<0.763	U *+ F1	1.14	0.763	ug/L		11/15/24 05:06	12/15/24 00:16	1
Di-n-octyl phthalate	<0.268	U F1	1.14	0.268	ug/L		11/15/24 05:06	12/15/24 00:16	1
Fluoranthene	<0.0881	U F1	0.570	0.0881	ug/L		11/15/24 05:06	12/15/24 00:16	1
Fluorene	**0.109**	**J**	0.570	0.0945	ug/L		11/15/24 05:06	12/15/24 00:16	1
Hexachlorobenzene	<0.0972	U	0.570	0.0972	ug/L		11/15/24 05:06	12/15/24 00:16	1
Hexachlorobutadiene	<0.102	U F1	0.570	0.102	ug/L		11/15/24 05:06	12/15/24 00:16	1
Hexachlorocyclopentadiene	<0.0511	U	0.570	0.0511	ug/L		11/15/24 05:06	12/15/24 00:16	1
Hexachloroethane	<0.102	U F1	0.570	0.102	ug/L		11/15/24 05:06	12/15/24 00:16	1
Indeno[1,2,3-cd]pyrene	<0.0997	U	0.570	0.0997	ug/L		11/15/24 05:06	12/15/24 00:16	1
Isophorone	<0.106	U	0.570	0.106	ug/L		11/15/24 05:06	12/15/24 00:16	1
Naphthalene	**0.106**	**J**	0.570	0.0942	ug/L		11/15/24 05:06	12/15/24 00:16	1
Nitrobenzene	**0.480**	**J**	0.570	0.0734	ug/L		11/15/24 05:06	12/15/24 00:16	1
N-Nitrosodi-n-propylamine	<0.118	U	0.570	0.118	ug/L		11/15/24 05:06	12/15/24 00:16	1
N-Nitrosodiphenylamine	<0.144	U	0.570	0.144	ug/L		11/15/24 05:06	12/15/24 00:16	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/15/24 05:06	12/15/24 00:16	1
Phenanthrene	<0.134	U F1	0.570	0.134	ug/L		11/15/24 05:06	12/15/24 00:16	1
Phenol	**10.6**	**I**	2.85	0.447	ug/L		11/15/24 05:06	12/15/24 00:16	1
Pyrene	<0.0846	U *+ F1	0.570	0.0846	ug/L		11/15/24 05:06	12/15/24 00:16	1
Pyridine	<1.43	U *1	2.85	1.43	ug/L		11/15/24 05:06	12/15/24 00:16	1
N-Nitro-o-toluidine	<0.519	U	1.14	0.519	ug/L		11/15/24 05:06	12/15/24 00:16	1
2,3,4,6-Tetrachlorophenol	<0.210	U F1	0.570	0.210	ug/L		11/15/24 05:06	12/15/24 00:16	1
Acetophenone	<0.622	U F1	1.14	0.622	ug/L		11/15/24 05:06	12/15/24 00:16	1
N-Nitrosopiperidine	<0.466	U F1	1.14	0.466	ug/L		11/15/24 05:06	12/15/24 00:16	1
Pentachlorobenzene	<0.265	U	0.570	0.265	ug/L		11/15/24 05:06	12/15/24 00:16	1
1,1'-Biphenyl	**1.99**	**F1**	0.570	0.0979	ug/L		11/15/24 05:06	12/15/24 00:16	1
4-Aminobiphenyl	<0.393	U F2 F1	0.570	0.393	ug/L		11/15/24 05:06	12/15/24 00:16	1
1,2,4,5-Tetrachlorobenzene	<0.0955	U *- F1	0.570	0.0955	ug/L		11/15/24 05:06	12/15/24 00:16	1
1,3,5-Trinitrobenzene	<0.118	U	0.570	0.118	ug/L		11/15/24 05:06	12/15/24 00:16	1
1,3-Dinitrobenzene	<0.0771	U F1	0.570	0.0771	ug/L		11/15/24 05:06	12/15/24 00:16	1
1,4-Naphthoquinone	<0.313	U F2 F1	0.570	0.313	ug/L		11/15/24 05:06	12/15/24 00:16	1
1-Naphthylamine	<0.148	U F2 F1	0.570	0.148	ug/L		11/15/24 05:06	12/15/24 00:16	1
2,6-Dichlorophenol	<0.118	U F1	0.570	0.118	ug/L		11/15/24 05:06	12/15/24 00:16	1

Client Sample ID: MW-18
Date Collected: 11/12/24 12:30
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Acetylaminofluorene	<1.26	U F1 *+	2.85	1.26	ug/L		11/15/24 05:06	12/15/24 00:16	1
2-Chlorophenol	<0.0754	U F1	0.570	0.0754	ug/L		11/15/24 05:06	12/15/24 00:16	1
2-Naphthylamine	<0.287	U F2 F1	0.570	0.287	ug/L		11/15/24 05:06	12/15/24 00:16	1
2-Picoline	<0.122	U *- *1	0.570	0.122	ug/L		11/15/24 05:06	12/15/24 00:16	1
2-Toluidine	<0.305	U F2	0.570	0.305	ug/L		11/15/24 05:06	12/15/24 00:16	1
3,3'-Dichlorobenzidine	<0.183	U F2 F1	0.570	0.183	ug/L		11/15/24 05:06	12/15/24 00:16	1
3,3'-Dimethylbenzidine	<0.141	U F1	0.570	0.141	ug/L		11/15/24 05:06	12/15/24 00:16	1
3-Methylcholanthrene	<0.104	U	0.570	0.104	ug/L		11/15/24 05:06	12/15/24 00:16	1
4-Nitroquinoline-1-oxide	<0.728	U F2 F1	1.14	0.728	ug/L		11/15/24 05:06	12/15/24 00:16	1
7,12-Dimethylbenz(a)anthracene	<0.240	U F2 F1	0.570	0.240	ug/L		11/15/24 05:06	12/15/24 00:16	1
alpha,alpha-Dimethyl phenethylamine	<3.66	U *-	5.70	3.66	ug/L		11/15/24 05:06	12/15/24 00:16	1
Aramite Peak 1	<0.0783	U F1	0.570	0.0783	ug/L		11/15/24 05:06	12/15/24 00:16	1
Aramite Peak 2	<0.0951	U F1	0.570	0.0951	ug/L		11/15/24 05:06	12/15/24 00:16	1
Aramite, Total	<0.0951	U	0.570	0.0951	ug/L		11/15/24 05:06	12/15/24 00:16	1
Diallate	<0.0832	U	0.570	0.0832	ug/L		11/15/24 05:06	12/15/24 00:16	1
Diallate Peak 1	<0.0832	U F1	0.570	0.0832	ug/L		11/15/24 05:06	12/15/24 00:16	1
Diallate Peak 2	<0.0384	U	0.570	0.0384	ug/L		11/15/24 05:06	12/15/24 00:16	1
Dimethoate	<0.121	U	0.570	0.121	ug/L		11/15/24 05:06	12/15/24 00:16	1
Dinoseb	<0.568	U	2.85	0.568	ug/L		11/15/24 05:06	12/15/24 00:16	1
Disulfoton	<0.202	U	0.570	0.202	ug/L		11/15/24 05:06	12/15/24 00:16	1
Ethyl methanesulfonate	<0.226	U	0.570	0.226	ug/L		11/15/24 05:06	12/15/24 00:16	1
Ethyl Parathion	<0.0501	U	0.228	0.0501	ug/L		11/15/24 05:06	12/15/24 00:16	1
Famphur	<0.150	U	1.14	0.150	ug/L		11/15/24 05:06	12/15/24 00:16	1
Hexachloropropene	<0.299	U *- F1	0.570	0.299	ug/L		11/15/24 05:06	12/15/24 00:16	1
Isosafrole	<0.240	U	0.570	0.240	ug/L		11/15/24 05:06	12/15/24 00:16	1
Isosafrole Peak 1	<0.0462	U F1	0.570	0.0462	ug/L		11/15/24 05:06	12/15/24 00:16	1
Isosafrole Peak 2	<0.240	U F1	0.570	0.240	ug/L		11/15/24 05:06	12/15/24 00:16	1
Methapyrilene	<0.997	U	2.28	0.997	ug/L		11/15/24 05:06	12/15/24 00:16	1
Methyl methanesulfonate	<0.120	U	0.570	0.120	ug/L		11/15/24 05:06	12/15/24 00:16	1
Methyl parathion	<0.318	U	0.570	0.318	ug/L		11/15/24 05:06	12/15/24 00:16	1
N-Nitrosodiethylamine	<0.537	U F1	1.14	0.537	ug/L		11/15/24 05:06	12/15/24 00:16	1
N-Nitrosodimethylamine	<0.0997	U *- F1	0.570	0.0997	ug/L		11/15/24 05:06	12/15/24 00:16	1
N-Nitrosodi-n-butylamine	<0.514	U F1	1.14	0.514	ug/L		11/15/24 05:06	12/15/24 00:16	1
N-Nitrosomethylethylamine	<0.293	U	0.570	0.293	ug/L		11/15/24 05:06	12/15/24 00:16	1
N-Nitrosomorpholine	<0.220	U	0.570	0.220	ug/L		11/15/24 05:06	12/15/24 00:16	1
N-Nitrosopyrrolidine	<0.267	U *-	0.570	0.267	ug/L		11/15/24 05:06	12/15/24 00:16	1
o,o',o''-Triethylphosphorothioate	**0.672**		0.570	0.138	ug/L		11/15/24 05:06	12/15/24 00:16	1
p-Dimethylamino azobenzene	<0.0237	U F1	0.570	0.0237	ug/L		11/15/24 05:06	12/15/24 00:16	1
Pentachloronitrobenzene	<0.0997	U F1 *+	0.570	0.0997	ug/L		11/15/24 05:06	12/15/24 00:16	1
Phenacetin	<0.0997	U F1	0.570	0.0997	ug/L		11/15/24 05:06	12/15/24 00:16	1
Phorate	<0.221	U	0.570	0.221	ug/L		11/15/24 05:06	12/15/24 00:16	1
p-Phenylene diamine	<0.499	U *- F1	1.14	0.499	ug/L		11/15/24 05:06	12/15/24 00:16	1
Pronamide	<0.0997	U *+ F1	0.570	0.0997	ug/L		11/15/24 05:06	12/15/24 00:16	1
Safrole, Total	<0.0569	U F1	0.570	0.0569	ug/L		11/15/24 05:06	12/15/24 00:16	1
Sulfotepp	**0.458**	**J**	0.570	0.146	ug/L		11/15/24 05:06	12/15/24 00:16	1
Thionazin	<0.208	U	1.14	0.208	ug/L		11/15/24 05:06	12/15/24 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*108*		*35 - 130*	*11/15/24 05:06*	*12/15/24 00:16*	*1*
2-Fluorobiphenyl	*73*		*43 - 130*	*11/15/24 05:06*	*12/15/24 00:16*	*1*

Client Sample ID: MW-18
Date Collected: 11/12/24 12:30
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*66*		*19 - 120*	*11/15/24 05:06*	*12/15/24 00:16*	*1*
Nitrobenzene-d5 (Surr)	*106*		*37 - 133*	*11/15/24 05:06*	*12/15/24 00:16*	*1*
Phenol-d5 (Surr)	*39*		*8 - 124*	*11/15/24 05:06*	*12/15/24 00:16*	*1*
p-Terphenyl-d14	*145*	*S1+*	*47 - 130*	*11/15/24 05:06*	*12/15/24 00:16*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	**637**		114	18.1	ug/L		11/15/24 05:06	12/11/24 04:56	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*S1-*	*35 - 130*	*11/15/24 05:06*	*12/11/24 04:56*	*200*
2-Fluorobiphenyl	*82*		*43 - 130*	*11/15/24 05:06*	*12/11/24 04:56*	*200*
2-Fluorophenol (Surr)	*53*		*19 - 120*	*11/15/24 05:06*	*12/11/24 04:56*	*200*
Nitrobenzene-d5 (Surr)	*74*	*I*	*37 - 133*	*11/15/24 05:06*	*12/11/24 04:56*	*200*
Phenol-d5 (Surr)	*81*		*8 - 124*	*11/15/24 05:06*	*12/11/24 04:56*	*200*
p-Terphenyl-d14	*125*		*47 - 130*	*11/15/24 05:06*	*12/11/24 04:56*	*200*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0767	U H	0.572	0.0767	ug/L		12/11/24 04:48	12/15/24 03:48	1
1,2-Dichlorobenzene	**0.151**	**J H**	0.572	0.0942	ug/L		12/11/24 04:48	12/15/24 03:48	1
1,3-Dichlorobenzene	<0.102	U H	0.572	0.102	ug/L		12/11/24 04:48	12/15/24 03:48	1
1,4-Dichlorobenzene	**0.242**	**J H**	0.572	0.0780	ug/L		12/11/24 04:48	12/15/24 03:48	1
2,2'-oxybis[1-chloropropane]	<1.43	U H	2.86	1.43	ug/L		12/11/24 04:48	12/15/24 03:48	1
2,4,5-Trichlorophenol	<0.143	U H F1	0.572	0.143	ug/L		12/11/24 04:48	12/15/24 03:48	1
2,4,6-Trichlorophenol	<0.231	U H	0.572	0.231	ug/L		12/11/24 04:48	12/15/24 03:48	1
2,4-Dichlorophenol	<0.140	U H	0.572	0.140	ug/L		12/11/24 04:48	12/15/24 03:48	1
2,4-Dimethylphenol	<0.192	U H F1 *+	0.572	0.192	ug/L		12/11/24 04:48	12/15/24 03:48	1
1,4-Dioxane	**7.16**	**H F1**	0.572	0.0891	ug/L		12/11/24 04:48	12/15/24 03:48	1
2,4-Dinitrophenol	<0.104	U H	2.86	0.104	ug/L		12/11/24 04:48	12/15/24 03:48	1
2,4-Dinitrotoluene	<0.205	U H	0.572	0.205	ug/L		12/11/24 04:48	12/15/24 03:48	1
2,6-Dinitrotoluene	<0.116	U H	0.572	0.116	ug/L		12/11/24 04:48	12/15/24 03:48	1
2-Chloronaphthalene	<0.379	U H	0.572	0.379	ug/L		12/11/24 04:48	12/15/24 03:48	1
2-Methylnaphthalene	<0.0603	U H	0.572	0.0603	ug/L		12/11/24 04:48	12/15/24 03:48	1
2-Methylphenol	<0.105	U H	0.572	0.105	ug/L		12/11/24 04:48	12/15/24 03:48	1
2-Nitroaniline	<0.149	U H	0.572	0.149	ug/L		12/11/24 04:48	12/15/24 03:48	1
2-Nitrophenol	<0.136	U H	0.572	0.136	ug/L		12/11/24 04:48	12/15/24 03:48	1
3 & 4 Methylphenol	<0.139	U H	0.572	0.139	ug/L		12/11/24 04:48	12/15/24 03:48	1
3-Nitroaniline	<0.0854	U H	0.572	0.0854	ug/L		12/11/24 04:48	12/15/24 03:48	1
4,6-Dinitro-2-methylphenol	<0.202	U H	1.14	0.202	ug/L		12/11/24 04:48	12/15/24 03:48	1
4-Bromophenyl phenyl ether	<0.100	U H	0.572	0.100	ug/L		12/11/24 04:48	12/15/24 03:48	1
4-Chloro-3-methylphenol	<0.104	U H	0.572	0.104	ug/L		12/11/24 04:48	12/15/24 03:48	1
4-Chloroaniline	<0.0386	U H	0.572	0.0386	ug/L		12/11/24 04:48	12/15/24 03:48	1
4-Chlorophenyl phenyl ether	<0.131	U H	0.572	0.131	ug/L		12/11/24 04:48	12/15/24 03:48	1
4-Nitroaniline	<0.109	U H	0.572	0.109	ug/L		12/11/24 04:48	12/15/24 03:48	1
Acenaphthene	**0.582**	**H**	0.572	0.108	ug/L		12/11/24 04:48	12/15/24 03:48	1
Acenaphthylene	<0.0998	U H	0.572	0.0998	ug/L		12/11/24 04:48	12/15/24 03:48	1
Aniline	<0.0580	U H	0.572	0.0580	ug/L		12/11/24 04:48	12/15/24 03:48	1
Anthracene	<0.0939	U H *+	0.572	0.0939	ug/L		12/11/24 04:48	12/15/24 03:48	1
Benzo[a]anthracene	<0.0286	U H *+	0.0286	0.0286	ug/L		12/11/24 04:48	12/15/24 03:48	1

Client Sample ID: MW-18
Date Collected: 11/12/24 12:30
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.0300	U H	0.0572	0.0300	ug/L		12/11/24 04:48	12/15/24 03:48	1
Benzo[b]fluoranthene	<0.0665	U H *+	0.572	0.0665	ug/L		12/11/24 04:48	12/15/24 03:48	1
Benzo[g,h,i]perylene	<0.0346	U H	0.572	0.0346	ug/L		12/11/24 04:48	12/15/24 03:48	1
Benzo[k]fluoranthene	<0.0473	U H	0.572	0.0473	ug/L		12/11/24 04:48	12/15/24 03:48	1
Benzyl alcohol	<0.601	U H	1.14	0.601	ug/L		12/11/24 04:48	12/15/24 03:48	1
Bis(2-chloroethoxy)methane	<0.0976	U H	0.572	0.0976	ug/L		12/11/24 04:48	12/15/24 03:48	1
Bis(2-chloroethyl)ether	**0.636**	**H**	0.572	0.215	ug/L		12/11/24 04:48	12/15/24 03:48	1
Bis(2-ethylhexyl) phthalate	<0.901	U H *+	1.14	0.901	ug/L		12/11/24 04:48	12/15/24 03:48	1
Butyl benzyl phthalate	<0.501	U H	1.14	0.501	ug/L		12/11/24 04:48	12/15/24 03:48	1
Chrysene	<0.0817	U H *+	0.572	0.0817	ug/L		12/11/24 04:48	12/15/24 03:48	1
Dibenz(a,h)anthracene	<0.0510	U H	0.114	0.0510	ug/L		12/11/24 04:48	12/15/24 03:48	1
Dibenzofuran	<0.107	U H	0.572	0.107	ug/L		12/11/24 04:48	12/15/24 03:48	1
Diethyl phthalate	<0.155	U H	1.14	0.155	ug/L		12/11/24 04:48	12/15/24 03:48	1
Dimethyl phthalate	<0.108	U H	1.14	0.108	ug/L		12/11/24 04:48	12/15/24 03:48	1
Di-n-butyl phthalate	<0.766	U H	1.14	0.766	ug/L		12/11/24 04:48	12/15/24 03:48	1
Di-n-octyl phthalate	<0.270	U H F1	1.14	0.270	ug/L		12/11/24 04:48	12/15/24 03:48	1
Fluoranthene	<0.0884	U H	0.572	0.0884	ug/L		12/11/24 04:48	12/15/24 03:48	1
Fluorene	<0.0950	U H	0.572	0.0950	ug/L		12/11/24 04:48	12/15/24 03:48	1
Hexachlorobenzene	<0.0976	U H	0.572	0.0976	ug/L		12/11/24 04:48	12/15/24 03:48	1
Hexachlorobutadiene	<0.103	U H	0.572	0.103	ug/L		12/11/24 04:48	12/15/24 03:48	1
Hexachlorocyclopentadiene	<0.0513	U H F1 *+	0.572	0.0513	ug/L		12/11/24 04:48	12/15/24 03:48	1
Hexachloroethane	<0.102	U H	0.572	0.102	ug/L		12/11/24 04:48	12/15/24 03:48	1
Indeno[1,2,3-cd]pyrene	<0.100	U H	0.572	0.100	ug/L		12/11/24 04:48	12/15/24 03:48	1
Isophorone	<0.107	U H	0.572	0.107	ug/L		12/11/24 04:48	12/15/24 03:48	1
Naphthalene	<0.0946	U H	0.572	0.0946	ug/L		12/11/24 04:48	12/15/24 03:48	1
Nitrobenzene	<0.0737	U H	0.572	0.0737	ug/L		12/11/24 04:48	12/15/24 03:48	1
N-Nitrosodi-n-propylamine	<0.119	U H	0.572	0.119	ug/L		12/11/24 04:48	12/15/24 03:48	1
N-Nitrosodiphenylamine	<0.145	U H	0.572	0.145	ug/L		12/11/24 04:48	12/15/24 03:48	1
Pentachlorophenol	<1.04	U H	1.14	1.04	ug/L		12/11/24 04:48	12/15/24 03:48	1
Phenanthrene	<0.134	U H *+	0.572	0.134	ug/L		12/11/24 04:48	12/15/24 03:48	1
Phenol	**0.580**	**J I H**	2.86	0.449	ug/L		12/11/24 04:48	12/15/24 03:48	1
Pyrene	<0.0850	U H F1	0.572	0.0850	ug/L		12/11/24 04:48	12/15/24 03:48	1
Pyridine	<1.44	U H *1	2.86	1.44	ug/L		12/11/24 04:48	12/15/24 03:48	1
N-Nitro-o-toluidine	<0.521	U H	1.14	0.521	ug/L		12/11/24 04:48	12/15/24 03:48	1
2,3,4,6-Tetrachlorophenol	<0.211	U H *+	0.572	0.211	ug/L		12/11/24 04:48	12/15/24 03:48	1
Acetophenone	<0.625	U H F1	1.14	0.625	ug/L		12/11/24 04:48	12/15/24 03:48	1
N-Nitrosopiperidine	<0.468	U H	1.14	0.468	ug/L		12/11/24 04:48	12/15/24 03:48	1
Pentachlorobenzene	<0.266	U H	0.572	0.266	ug/L		12/11/24 04:48	12/15/24 03:48	1
1,1'-Biphenyl	<0.0983	U H	0.572	0.0983	ug/L		12/11/24 04:48	12/15/24 03:48	1
4-Aminobiphenyl	<0.395	U H	0.572	0.395	ug/L		12/11/24 04:48	12/15/24 03:48	1
1,2,4,5-Tetrachlorobenzene	<0.0959	U H	0.572	0.0959	ug/L		12/11/24 04:48	12/15/24 03:48	1
1,3,5-Trinitrobenzene	<0.119	U H	0.572	0.119	ug/L		12/11/24 04:48	12/15/24 03:48	1
1,3-Dinitrobenzene	<0.0774	U H	0.572	0.0774	ug/L		12/11/24 04:48	12/15/24 03:48	1
1,4-Naphthoquinone	<0.315	U H	0.572	0.315	ug/L		12/11/24 04:48	12/15/24 03:48	1
1-Naphthylamine	<0.149	U H F1	0.572	0.149	ug/L		12/11/24 04:48	12/15/24 03:48	1
2,6-Dichlorophenol	<0.118	U H	0.572	0.118	ug/L		12/11/24 04:48	12/15/24 03:48	1
2-Acetylaminofluorene	<1.27	U H F1 *+	2.86	1.27	ug/L		12/11/24 04:48	12/15/24 03:48	1
2-Chlorophenol	**0.118**	**J H**	0.572	0.0757	ug/L		12/11/24 04:48	12/15/24 03:48	1
2-Naphthylamine	<0.288	U H	0.572	0.288	ug/L		12/11/24 04:48	12/15/24 03:48	1

Client Sample ID: MW-18
Date Collected: 11/12/24 12:30
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Picoline	<0.123	U H	0.572	0.123	ug/L		12/11/24 04:48	12/15/24 03:48	1
2-Toluidine	<0.306	U H	0.572	0.306	ug/L		12/11/24 04:48	12/15/24 03:48	1
3,3'-Dichlorobenzidine	<0.183	U H	0.572	0.183	ug/L		12/11/24 04:48	12/15/24 03:48	1
3,3'-Dimethylbenzidine	<0.142	U H F1	0.572	0.142	ug/L		12/11/24 04:48	12/15/24 03:48	1
3-Methylcholanthrene	<0.104	U H	0.572	0.104	ug/L		12/11/24 04:48	12/15/24 03:48	1
4-Nitroquinoline-1-oxide	<0.731	U H	1.14	0.731	ug/L		12/11/24 04:48	12/15/24 03:48	1
7,12-Dimethylbenz(a)anthracene	<0.241	U H	0.572	0.241	ug/L		12/11/24 04:48	12/15/24 03:48	1
alpha,alpha-Dimethyl phenethylamine	<3.68	U H F1 *-	5.72	3.68	ug/L		12/11/24 04:48	12/15/24 03:48	1
Aramite Peak 1	<0.0786	U H F1 *+	0.572	0.0786	ug/L		12/11/24 04:48	12/15/24 03:48	1
Aramite Peak 2	<0.0955	U H	0.572	0.0955	ug/L		12/11/24 04:48	12/15/24 03:48	1
Aramite, Total	<0.0955	U H	0.572	0.0955	ug/L		12/11/24 04:48	12/15/24 03:48	1
Diallate	<0.0836	U H	0.572	0.0836	ug/L		12/11/24 04:48	12/15/24 03:48	1
Diallate Peak 1	<0.0836	U H	0.572	0.0836	ug/L		12/11/24 04:48	12/15/24 03:48	1
Diallate Peak 2	<0.0386	U H	0.572	0.0386	ug/L		12/11/24 04:48	12/15/24 03:48	1
Dimethoate	<0.122	U H *+	0.572	0.122	ug/L		12/11/24 04:48	12/15/24 03:48	1
Dinoseb	<0.570	U H	2.86	0.570	ug/L		12/11/24 04:48	12/15/24 03:48	1
Disulfoton	<0.203	U H	0.572	0.203	ug/L		12/11/24 04:48	12/15/24 03:48	1
Ethyl methanesulfonate	<0.227	U H	0.572	0.227	ug/L		12/11/24 04:48	12/15/24 03:48	1
Ethyl Parathion	<0.0503	U H	0.229	0.0503	ug/L		12/11/24 04:48	12/15/24 03:48	1
Famphur	<0.151	U H	1.14	0.151	ug/L		12/11/24 04:48	12/15/24 03:48	1
Hexachloropropene	<0.300	U H	0.572	0.300	ug/L		12/11/24 04:48	12/15/24 03:48	1
Isosafrole	<0.241	U H	0.572	0.241	ug/L		12/11/24 04:48	12/15/24 03:48	1
Isosafrole Peak 1	<0.0464	U H	0.572	0.0464	ug/L		12/11/24 04:48	12/15/24 03:48	1
Isosafrole Peak 2	<0.241	U H	0.572	0.241	ug/L		12/11/24 04:48	12/15/24 03:48	1
Methapyrilene	<1.00	U H	2.29	1.00	ug/L		12/11/24 04:48	12/15/24 03:48	1
Methyl methanesulfonate	<0.120	U H	0.572	0.120	ug/L		12/11/24 04:48	12/15/24 03:48	1
Methyl parathion	<0.320	U H	0.572	0.320	ug/L		12/11/24 04:48	12/15/24 03:48	1
N-Nitrosodiethylamine	<0.539	U H	1.14	0.539	ug/L		12/11/24 04:48	12/15/24 03:48	1
N-Nitrosodimethylamine	<0.100	U H *-	0.572	0.100	ug/L		12/11/24 04:48	12/15/24 03:48	1
N-Nitrosodi-n-butylamine	<0.516	U H F1	1.14	0.516	ug/L		12/11/24 04:48	12/15/24 03:48	1
N-Nitrosomethylethylamine	<0.294	U H	0.572	0.294	ug/L		12/11/24 04:48	12/15/24 03:48	1
N-Nitrosomorpholine	<0.221	U H	0.572	0.221	ug/L		12/11/24 04:48	12/15/24 03:48	1
N-Nitrosopyrrolidine	<0.268	U H	0.572	0.268	ug/L		12/11/24 04:48	12/15/24 03:48	1
o,o',o''-Triethylphosphorothioate	**0.557**	**J H**	0.572	0.138	ug/L		12/11/24 04:48	12/15/24 03:48	1
p-Dimethylamino azobenzene	<0.0238	U H F1	0.572	0.0238	ug/L		12/11/24 04:48	12/15/24 03:48	1
Pentachloronitrobenzene	<0.100	U H	0.572	0.100	ug/L		12/11/24 04:48	12/15/24 03:48	1
Phenacetin	<0.100	U H	0.572	0.100	ug/L		12/11/24 04:48	12/15/24 03:48	1
Phorate	<0.222	U H	0.572	0.222	ug/L		12/11/24 04:48	12/15/24 03:48	1
p-Phenylene diamine	<0.501	U H F1 *-	1.14	0.501	ug/L		12/11/24 04:48	12/15/24 03:48	1
Pronamide	<0.100	U H	0.572	0.100	ug/L		12/11/24 04:48	12/15/24 03:48	1
Safrole, Total	<0.0572	U H	0.572	0.0572	ug/L		12/11/24 04:48	12/15/24 03:48	1
Sulfotepp	<0.147	U H *+	0.572	0.147	ug/L		12/11/24 04:48	12/15/24 03:48	1
Thionazin	<0.208	U H	1.14	0.208	ug/L		12/11/24 04:48	12/15/24 03:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*118*		*35 - 130*	*12/11/24 04:48*	*12/15/24 03:48*	*1*
2-Fluorobiphenyl	*79*		*43 - 130*	*12/11/24 04:48*	*12/15/24 03:48*	*1*
2-Fluorophenol (Surr)	*76*		*19 - 120*	*12/11/24 04:48*	*12/15/24 03:48*	*1*
Nitrobenzene-d5 (Surr)	*107*		*37 - 133*	*12/11/24 04:48*	*12/15/24 03:48*	*1*
Phenol-d5 (Surr)	*46*		*8 - 124*	*12/11/24 04:48*	*12/15/24 03:48*	*1*

Client Sample ID: MW-18

Date Collected: 11/12/24 12:30
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14	*127*		*47 - 130*	*12/11/24 04:48*	*12/15/24 03:48*	*1*

Client Sample ID: MW-06

Date Collected: 11/12/24 13:30
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/19/24 01:38	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/19/24 01:38	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/19/24 01:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/19/24 01:38	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/19/24 01:38	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/19/24 01:38	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/19/24 01:38	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/19/24 01:38	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/19/24 01:38	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/19/24 01:38	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/19/24 01:38	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/19/24 01:38	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/19/24 01:38	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/19/24 01:38	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/19/24 01:38	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/19/24 01:38	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/19/24 01:38	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/19/24 01:38	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/19/24 01:38	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/19/24 01:38	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/19/24 01:38	1
Acetone	**20.4**	**J**	100	3.07	ug/L			11/19/24 01:38	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/19/24 01:38	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/19/24 01:38	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/19/24 01:38	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/19/24 01:38	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/19/24 01:38	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/19/24 01:38	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/19/24 01:38	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/19/24 01:38	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/19/24 01:38	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/19/24 01:38	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/19/24 01:38	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/19/24 01:38	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/19/24 01:38	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/19/24 01:38	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/19/24 01:38	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/19/24 01:38	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/19/24 01:38	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/19/24 01:38	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/19/24 01:38	1

Client Sample ID: MW-06

Date Collected: 11/12/24 13:30
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-7

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/19/24 01:38	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/19/24 01:38	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/19/24 01:38	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/19/24 01:38	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/19/24 01:38	1
Hexane	**0.632**	**J**	5.00	0.517	ug/L			11/19/24 01:38	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/19/24 01:38	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/19/24 01:38	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/19/24 01:38	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/19/24 01:38	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/19/24 01:38	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/19/24 01:38	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/19/24 01:38	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/19/24 01:38	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/19/24 01:38	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/19/24 01:38	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/19/24 01:38	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/19/24 01:38	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/19/24 01:38	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/19/24 01:38	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/19/24 01:38	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/19/24 01:38	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/19/24 01:38	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/19/24 01:38	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/19/24 01:38	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/19/24 01:38	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/19/24 01:38	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/19/24 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*11/19/24 01:38*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*11/19/24 01:38*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/19/24 01:38*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/19/24 01:38*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0765	U *-	0.571	0.0765	ug/L		11/15/24 05:06	12/15/24 01:47	1
1,2-Dichlorobenzene	<0.0939	U	0.571	0.0939	ug/L		11/15/24 05:06	12/15/24 01:47	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/15/24 05:06	12/15/24 01:47	1
1,4-Dichlorobenzene	<0.0778	U	0.571	0.0778	ug/L		11/15/24 05:06	12/15/24 01:47	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.85	1.43	ug/L		11/15/24 05:06	12/15/24 01:47	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/15/24 05:06	12/15/24 01:47	1
2,4,6-Trichlorophenol	<0.230	U	0.571	0.230	ug/L		11/15/24 05:06	12/15/24 01:47	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/15/24 05:06	12/15/24 01:47	1
2,4-Dimethylphenol	<0.192	U *+	0.571	0.192	ug/L		11/15/24 05:06	12/15/24 01:47	1
1,4-Dioxane	**0.173**	**J**	0.571	0.0889	ug/L		11/15/24 05:06	12/15/24 01:47	1
2,4-Dinitrophenol	<0.104	U	2.85	0.104	ug/L		11/15/24 05:06	12/15/24 01:47	1
2,4-Dinitrotoluene	<0.204	U	0.571	0.204	ug/L		11/15/24 05:06	12/15/24 01:47	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/15/24 05:06	12/15/24 01:47	1

Client Sample ID: MW-06
Date Collected: 11/12/24 13:30
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-7
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/15/24 05:06	12/15/24 01:47	1
2-Methylnaphthalene	<0.0602	U	0.571	0.0602	ug/L		11/15/24 05:06	12/15/24 01:47	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/15/24 05:06	12/15/24 01:47	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/15/24 05:06	12/15/24 01:47	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/15/24 05:06	12/15/24 01:47	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/15/24 05:06	12/15/24 01:47	1
3-Nitroaniline	<0.0851	U	0.571	0.0851	ug/L		11/15/24 05:06	12/15/24 01:47	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/15/24 05:06	12/15/24 01:47	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/15/24 05:06	12/15/24 01:47	1
4-Chloro-3-methylphenol	<0.103	U	0.571	0.103	ug/L		11/15/24 05:06	12/15/24 01:47	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/15/24 05:06	12/15/24 01:47	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/15/24 05:06	12/15/24 01:47	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/15/24 05:06	12/15/24 01:47	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/15/24 05:06	12/15/24 01:47	1
Acenaphthylene	<0.0995	U	0.571	0.0995	ug/L		11/15/24 05:06	12/15/24 01:47	1
Aniline	**0.940**		0.571	0.0579	ug/L		11/15/24 05:06	12/15/24 01:47	1
Anthracene	<0.0937	U	0.571	0.0937	ug/L		11/15/24 05:06	12/15/24 01:47	1
Benzo[a]anthracene	<0.0285	U *+	0.0285	0.0285	ug/L		11/15/24 05:06	12/15/24 01:47	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/15/24 05:06	12/15/24 01:47	1
Benzo[b]fluoranthene	<0.0663	U	0.571	0.0663	ug/L		11/15/24 05:06	12/15/24 01:47	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/15/24 05:06	12/15/24 01:47	1
Benzo[k]fluoranthene	<0.0472	U	0.571	0.0472	ug/L		11/15/24 05:06	12/15/24 01:47	1
Benzyl alcohol	<0.599	U *-	1.14	0.599	ug/L		11/15/24 05:06	12/15/24 01:47	1
Bis(2-chloroethoxy)methane	<0.0973	U	0.571	0.0973	ug/L		11/15/24 05:06	12/15/24 01:47	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/15/24 05:06	12/15/24 01:47	1
Bis(2-ethylhexyl) phthalate	<0.899	U	1.14	0.899	ug/L		11/15/24 05:06	12/15/24 01:47	1
Butyl benzyl phthalate	<0.499	U	1.14	0.499	ug/L		11/15/24 05:06	12/15/24 01:47	1
Chrysene	<0.0814	U	0.571	0.0814	ug/L		11/15/24 05:06	12/15/24 01:47	1
Dibenz(a,h)anthracene	<0.0508	U	0.114	0.0508	ug/L		11/15/24 05:06	12/15/24 01:47	1
Dibenzofuran	<0.106	U	0.571	0.106	ug/L		11/15/24 05:06	12/15/24 01:47	1
Diethyl phthalate	<0.154	U *+	1.14	0.154	ug/L		11/15/24 05:06	12/15/24 01:47	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/15/24 05:06	12/15/24 01:47	1
Di-n-butyl phthalate	<0.764	U *+	1.14	0.764	ug/L		11/15/24 05:06	12/15/24 01:47	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/15/24 05:06	12/15/24 01:47	1
Fluoranthene	<0.0882	U	0.571	0.0882	ug/L		11/15/24 05:06	12/15/24 01:47	1
Fluorene	<0.0947	U	0.571	0.0947	ug/L		11/15/24 05:06	12/15/24 01:47	1
Hexachlorobenzene	<0.0973	U	0.571	0.0973	ug/L		11/15/24 05:06	12/15/24 01:47	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/15/24 05:06	12/15/24 01:47	1
Hexachlorocyclopentadiene	<0.0511	U	0.571	0.0511	ug/L		11/15/24 05:06	12/15/24 01:47	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/15/24 05:06	12/15/24 01:47	1
Indeno[1,2,3-cd]pyrene	<0.0999	U	0.571	0.0999	ug/L		11/15/24 05:06	12/15/24 01:47	1
Isophorone	<0.106	U	0.571	0.106	ug/L		11/15/24 05:06	12/15/24 01:47	1
Naphthalene	<0.0943	U	0.571	0.0943	ug/L		11/15/24 05:06	12/15/24 01:47	1
Nitrobenzene	**0.421**	**J**	0.571	0.0735	ug/L		11/15/24 05:06	12/15/24 01:47	1
N-Nitrosodi-n-propylamine	<0.118	U	0.571	0.118	ug/L		11/15/24 05:06	12/15/24 01:47	1
N-Nitrosodiphenylamine	<0.144	U	0.571	0.144	ug/L		11/15/24 05:06	12/15/24 01:47	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/15/24 05:06	12/15/24 01:47	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/15/24 05:06	12/15/24 01:47	1
Phenol	<0.447	U	2.85	0.447	ug/L		11/15/24 05:06	12/15/24 01:47	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: MW-06
Date Collected: 11/12/24 13:30
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-7
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	<0.0847	U *+	0.571	0.0847	ug/L		11/15/24 05:06	12/15/24 01:47	1
Pyridine	<1.44	U *1	2.85	1.44	ug/L		11/15/24 05:06	12/15/24 01:47	1
N-Nitro-o-toluidine	<0.519	U	1.14	0.519	ug/L		11/15/24 05:06	12/15/24 01:47	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.571	0.210	ug/L		11/15/24 05:06	12/15/24 01:47	1
Acetophenone	<0.623	U	1.14	0.623	ug/L		11/15/24 05:06	12/15/24 01:47	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/15/24 05:06	12/15/24 01:47	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/15/24 05:06	12/15/24 01:47	1
Diphenyl ether	**0.115**	**J I**	0.571	0.0909	ug/L		11/15/24 05:06	12/15/24 01:47	1
1,1'-Biphenyl	<0.0980	U	0.571	0.0980	ug/L		11/15/24 05:06	12/15/24 01:47	1
4-Aminobiphenyl	<0.393	U	0.571	0.393	ug/L		11/15/24 05:06	12/15/24 01:47	1
1,2,4,5-Tetrachlorobenzene	<0.0956	U *-	0.571	0.0956	ug/L		11/15/24 05:06	12/15/24 01:47	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/15/24 05:06	12/15/24 01:47	1
1,3-Dinitrobenzene	<0.0772	U	0.571	0.0772	ug/L		11/15/24 05:06	12/15/24 01:47	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/15/24 05:06	12/15/24 01:47	1
1-Naphthylamine	<0.148	U	0.571	0.148	ug/L		11/15/24 05:06	12/15/24 01:47	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/15/24 05:06	12/15/24 01:47	1
2-Acetylaminofluorene	<1.26	U *+	2.85	1.26	ug/L		11/15/24 05:06	12/15/24 01:47	1
2-Chlorophenol	<0.0755	U	0.571	0.0755	ug/L		11/15/24 05:06	12/15/24 01:47	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/15/24 05:06	12/15/24 01:47	1
2-Picoline	<0.123	U *- *1	0.571	0.123	ug/L		11/15/24 05:06	12/15/24 01:47	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/15/24 05:06	12/15/24 01:47	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/15/24 05:06	12/15/24 01:47	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/15/24 05:06	12/15/24 01:47	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/15/24 05:06	12/15/24 01:47	1
4-Nitroquinoline-1-oxide	<0.729	U	1.14	0.729	ug/L		11/15/24 05:06	12/15/24 01:47	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/15/24 05:06	12/15/24 01:47	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U *-	5.71	3.67	ug/L		11/15/24 05:06	12/15/24 01:47	1
Aramite Peak 1	<0.0784	U	0.571	0.0784	ug/L		11/15/24 05:06	12/15/24 01:47	1
Aramite Peak 2	<0.0952	U	0.571	0.0952	ug/L		11/15/24 05:06	12/15/24 01:47	1
Aramite, Total	<0.0952	U	0.571	0.0952	ug/L		11/15/24 05:06	12/15/24 01:47	1
Diallate	<0.0834	U	0.571	0.0834	ug/L		11/15/24 05:06	12/15/24 01:47	1
Diallate Peak 1	<0.0834	U	0.571	0.0834	ug/L		11/15/24 05:06	12/15/24 01:47	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/15/24 05:06	12/15/24 01:47	1
Dimethoate	<0.121	U	0.571	0.121	ug/L		11/15/24 05:06	12/15/24 01:47	1
Dinoseb	<0.569	U	2.85	0.569	ug/L		11/15/24 05:06	12/15/24 01:47	1
Disulfoton	<0.202	U	0.571	0.202	ug/L		11/15/24 05:06	12/15/24 01:47	1
Ethyl methanesulfonate	<0.226	U	0.571	0.226	ug/L		11/15/24 05:06	12/15/24 01:47	1
Ethyl Parathion	<0.0501	U	0.228	0.0501	ug/L		11/15/24 05:06	12/15/24 01:47	1
Famphur	<0.151	U	1.14	0.151	ug/L		11/15/24 05:06	12/15/24 01:47	1
Hexachloropropene	<0.299	U *-	0.571	0.299	ug/L		11/15/24 05:06	12/15/24 01:47	1
Isosafrole	<0.240	U	0.571	0.240	ug/L		11/15/24 05:06	12/15/24 01:47	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/15/24 05:06	12/15/24 01:47	1
Isosafrole Peak 2	<0.240	U	0.571	0.240	ug/L		11/15/24 05:06	12/15/24 01:47	1
Methapyrilene	<0.998	U	2.28	0.998	ug/L		11/15/24 05:06	12/15/24 01:47	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/15/24 05:06	12/15/24 01:47	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		11/15/24 05:06	12/15/24 01:47	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/15/24 05:06	12/15/24 01:47	1
N-Nitrosodimethylamine	<0.0999	U *-	0.571	0.0999	ug/L		11/15/24 05:06	12/15/24 01:47	1
N-Nitrosodi-n-butylamine	<0.515	U	1.14	0.515	ug/L		11/15/24 05:06	12/15/24 01:47	1

Client Sample ID: MW-06
Date Collected: 11/12/24 13:30
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-7
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosomethylethylamine	<0.293	U	0.571	0.293	ug/L		11/15/24 05:06	12/15/24 01:47	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/15/24 05:06	12/15/24 01:47	1
N-Nitrosopyrrolidine	<0.267	U *-	0.571	0.267	ug/L		11/15/24 05:06	12/15/24 01:47	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		11/15/24 05:06	12/15/24 01:47	1
p-Dimethylamino azobenzene	<0.0237	U	0.571	0.0237	ug/L		11/15/24 05:06	12/15/24 01:47	1
Pentachloronitrobenzene	<0.0999	U *+	0.571	0.0999	ug/L		11/15/24 05:06	12/15/24 01:47	1
Phenacetin	<0.0999	U	0.571	0.0999	ug/L		11/15/24 05:06	12/15/24 01:47	1
Phorate	<0.221	U	0.571	0.221	ug/L		11/15/24 05:06	12/15/24 01:47	1
p-Phenylene diamine	<0.499	U *-	1.14	0.499	ug/L		11/15/24 05:06	12/15/24 01:47	1
Pronamide	<0.0999	U *+	0.571	0.0999	ug/L		11/15/24 05:06	12/15/24 01:47	1
Safrole, Total	<0.0570	U	0.571	0.0570	ug/L		11/15/24 05:06	12/15/24 01:47	1
Sulfotepp	<0.146	U	0.571	0.146	ug/L		11/15/24 05:06	12/15/24 01:47	1
Thionazin	<0.208	U	1.14	0.208	ug/L		11/15/24 05:06	12/15/24 01:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*109*		*35 - 130*	*11/15/24 05:06*	*12/15/24 01:47*	*1*
2-Fluorobiphenyl	*90*		*43 - 130*	*11/15/24 05:06*	*12/15/24 01:47*	*1*
2-Fluorophenol (Surr)	*65*		*19 - 120*	*11/15/24 05:06*	*12/15/24 01:47*	*1*
Nitrobenzene-d5 (Surr)	*120*		*37 - 133*	*11/15/24 05:06*	*12/15/24 01:47*	*1*
Phenol-d5 (Surr)	*38*		*8 - 124*	*11/15/24 05:06*	*12/15/24 01:47*	*1*
p-Terphenyl-d14	*137*	*S1+*	*47 - 130*	*11/15/24 05:06*	*12/15/24 01:47*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0770	U H	0.574	0.0770	ug/L		12/11/24 04:48	12/15/24 05:19	1
1,2-Dichlorobenzene	<0.0945	U H	0.574	0.0945	ug/L		12/11/24 04:48	12/15/24 05:19	1
1,3-Dichlorobenzene	<0.102	U H	0.574	0.102	ug/L		12/11/24 04:48	12/15/24 05:19	1
1,4-Dichlorobenzene	<0.0782	U H	0.574	0.0782	ug/L		12/11/24 04:48	12/15/24 05:19	1
2,2'-oxybis[1-chloropropane]	<1.43	U H	2.87	1.43	ug/L		12/11/24 04:48	12/15/24 05:19	1
2,4,5-Trichlorophenol	<0.144	U H	0.574	0.144	ug/L		12/11/24 04:48	12/15/24 05:19	1
2,4,6-Trichlorophenol	<0.232	U H	0.574	0.232	ug/L		12/11/24 04:48	12/15/24 05:19	1
2,4-Dichlorophenol	<0.141	U H	0.574	0.141	ug/L		12/11/24 04:48	12/15/24 05:19	1
2,4-Dimethylphenol	<0.193	U *+ H	0.574	0.193	ug/L		12/11/24 04:48	12/15/24 05:19	1
1,4-Dioxane	**0.155**	**J H**	0.574	0.0894	ug/L		12/11/24 04:48	12/15/24 05:19	1
2,4-Dinitrophenol	<0.105	U H	2.87	0.105	ug/L		12/11/24 04:48	12/15/24 05:19	1
2,4-Dinitrotoluene	<0.206	U H	0.574	0.206	ug/L		12/11/24 04:48	12/15/24 05:19	1
2,6-Dinitrotoluene	<0.117	U H	0.574	0.117	ug/L		12/11/24 04:48	12/15/24 05:19	1
2-Chloronaphthalene	<0.380	U H	0.574	0.380	ug/L		12/11/24 04:48	12/15/24 05:19	1
2-Methylnaphthalene	<0.0605	U H	0.574	0.0605	ug/L		12/11/24 04:48	12/15/24 05:19	1
2-Methylphenol	<0.105	U H	0.574	0.105	ug/L		12/11/24 04:48	12/15/24 05:19	1
2-Nitroaniline	<0.150	U H	0.574	0.150	ug/L		12/11/24 04:48	12/15/24 05:19	1
2-Nitrophenol	<0.137	U H	0.574	0.137	ug/L		12/11/24 04:48	12/15/24 05:19	1
3 & 4 Methylphenol	<0.139	U H	0.574	0.139	ug/L		12/11/24 04:48	12/15/24 05:19	1
3-Nitroaniline	<0.0856	U H	0.574	0.0856	ug/L		12/11/24 04:48	12/15/24 05:19	1
4,6-Dinitro-2-methylphenol	<0.202	U H	1.15	0.202	ug/L		12/11/24 04:48	12/15/24 05:19	1
4-Bromophenyl phenyl ether	<0.101	U H	0.574	0.101	ug/L		12/11/24 04:48	12/15/24 05:19	1
4-Chloro-3-methylphenol	<0.104	U H	0.574	0.104	ug/L		12/11/24 04:48	12/15/24 05:19	1
4-Chloroaniline	<0.0387	U H	0.574	0.0387	ug/L		12/11/24 04:48	12/15/24 05:19	1
4-Chlorophenyl phenyl ether	<0.131	U H	0.574	0.131	ug/L		12/11/24 04:48	12/15/24 05:19	1
4-Nitroaniline	<0.109	U H	0.574	0.109	ug/L		12/11/24 04:48	12/15/24 05:19	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: MW-06
Date Collected: 11/12/24 13:30
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-7
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.108	U H	0.574	0.108	ug/L		12/11/24 04:48	12/15/24 05:19	1
Acenaphthylene	<0.100	U H	0.574	0.100	ug/L		12/11/24 04:48	12/15/24 05:19	1
Aniline	<0.0582	U H	0.574	0.0582	ug/L		12/11/24 04:48	12/15/24 05:19	1
Anthracene	<0.0942	U *+ H	0.574	0.0942	ug/L		12/11/24 04:48	12/15/24 05:19	1
Benzo[a]anthracene	<0.0287	U *+ H	0.0287	0.0287	ug/L		12/11/24 04:48	12/15/24 05:19	1
Benzo[a]pyrene	<0.0301	U H	0.0574	0.0301	ug/L		12/11/24 04:48	12/15/24 05:19	1
Benzo[b]fluoranthene	<0.0667	U *+ H	0.574	0.0667	ug/L		12/11/24 04:48	12/15/24 05:19	1
Benzo[g,h,i]perylene	<0.0347	U H	0.574	0.0347	ug/L		12/11/24 04:48	12/15/24 05:19	1
Benzo[k]fluoranthene	<0.0475	U H	0.574	0.0475	ug/L		12/11/24 04:48	12/15/24 05:19	1
Benzyl alcohol	<0.603	U H	1.15	0.603	ug/L		12/11/24 04:48	12/15/24 05:19	1
Bis(2-chloroethoxy)methane	<0.0979	U H	0.574	0.0979	ug/L		12/11/24 04:48	12/15/24 05:19	1
Bis(2-chloroethyl)ether	<0.215	U H	0.574	0.215	ug/L		12/11/24 04:48	12/15/24 05:19	1
Bis(2-ethylhexyl) phthalate	<0.904	U *+ H	1.15	0.904	ug/L		12/11/24 04:48	12/15/24 05:19	1
Butyl benzyl phthalate	<0.502	U H	1.15	0.502	ug/L		12/11/24 04:48	12/15/24 05:19	1
Chrysene	<0.0819	U *+ H	0.574	0.0819	ug/L		12/11/24 04:48	12/15/24 05:19	1
Dibenz(a,h)anthracene	<0.0511	U H	0.115	0.0511	ug/L		12/11/24 04:48	12/15/24 05:19	1
Dibenzofuran	<0.107	U H	0.574	0.107	ug/L		12/11/24 04:48	12/15/24 05:19	1
Diethyl phthalate	<0.155	U H	1.15	0.155	ug/L		12/11/24 04:48	12/15/24 05:19	1
Dimethyl phthalate	<0.109	U H	1.15	0.109	ug/L		12/11/24 04:48	12/15/24 05:19	1
Di-n-butyl phthalate	<0.768	U H	1.15	0.768	ug/L		12/11/24 04:48	12/15/24 05:19	1
Di-n-octyl phthalate	<0.270	U H	1.15	0.270	ug/L		12/11/24 04:48	12/15/24 05:19	1
Fluoranthene	<0.0887	U H	0.574	0.0887	ug/L		12/11/24 04:48	12/15/24 05:19	1
Fluorene	<0.0952	U H	0.574	0.0952	ug/L		12/11/24 04:48	12/15/24 05:19	1
Hexachlorobenzene	<0.0979	U H	0.574	0.0979	ug/L		12/11/24 04:48	12/15/24 05:19	1
Hexachlorobutadiene	<0.103	U H	0.574	0.103	ug/L		12/11/24 04:48	12/15/24 05:19	1
Hexachlorocyclopentadiene	<0.0514	U *+ H	0.574	0.0514	ug/L		12/11/24 04:48	12/15/24 05:19	1
Hexachloroethane	<0.102	U H	0.574	0.102	ug/L		12/11/24 04:48	12/15/24 05:19	1
Indeno[1,2,3-cd]pyrene	<0.100	U H	0.574	0.100	ug/L		12/11/24 04:48	12/15/24 05:19	1
Isophorone	<0.107	U H	0.574	0.107	ug/L		12/11/24 04:48	12/15/24 05:19	1
Naphthalene	<0.0948	U H	0.574	0.0948	ug/L		12/11/24 04:48	12/15/24 05:19	1
Nitrobenzene	<0.0740	U H	0.574	0.0740	ug/L		12/11/24 04:48	12/15/24 05:19	1
N-Nitrosodi-n-propylamine	<0.119	U H	0.574	0.119	ug/L		12/11/24 04:48	12/15/24 05:19	1
N-Nitrosodiphenylamine	<0.145	U H	0.574	0.145	ug/L		12/11/24 04:48	12/15/24 05:19	1
Pentachlorophenol	<1.04	U H	1.15	1.04	ug/L		12/11/24 04:48	12/15/24 05:19	1
Phenanthrene	<0.135	U *+ H	0.574	0.135	ug/L		12/11/24 04:48	12/15/24 05:19	1
Phenol	<0.450	U H	2.87	0.450	ug/L		12/11/24 04:48	12/15/24 05:19	1
Pyrene	<0.0852	U H	0.574	0.0852	ug/L		12/11/24 04:48	12/15/24 05:19	1
Pyridine	<1.44	U H *1	2.87	1.44	ug/L		12/11/24 04:48	12/15/24 05:19	1
N-Nitro-o-toluidine	<0.522	U H	1.15	0.522	ug/L		12/11/24 04:48	12/15/24 05:19	1
2,3,4,6-Tetrachlorophenol	<0.212	U *+ H	0.574	0.212	ug/L		12/11/24 04:48	12/15/24 05:19	1
Acetophenone	<0.626	U H	1.15	0.626	ug/L		12/11/24 04:48	12/15/24 05:19	1
N-Nitrosopiperidine	<0.469	U H	1.15	0.469	ug/L		12/11/24 04:48	12/15/24 05:19	1
Pentachlorobenzene	<0.267	U H	0.574	0.267	ug/L		12/11/24 04:48	12/15/24 05:19	1
Diphenyl ether	<0.0914	U H	0.574	0.0914	ug/L		12/11/24 04:48	12/15/24 05:19	1
1,1'-Biphenyl	<0.0986	U H	0.574	0.0986	ug/L		12/11/24 04:48	12/15/24 05:19	1
4-Aminobiphenyl	<0.396	U H	0.574	0.396	ug/L		12/11/24 04:48	12/15/24 05:19	1
1,2,4,5-Tetrachlorobenzene	<0.0961	U H	0.574	0.0961	ug/L		12/11/24 04:48	12/15/24 05:19	1
1,3,5-Trinitrobenzene	<0.119	U H	0.574	0.119	ug/L		12/11/24 04:48	12/15/24 05:19	1
1,3-Dinitrobenzene	<0.0776	U H	0.574	0.0776	ug/L		12/11/24 04:48	12/15/24 05:19	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: MW-06
Date Collected: 11/12/24 13:30
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-7
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Naphthoquinone	<0.316	U H	0.574	0.316	ug/L		12/11/24 04:48	12/15/24 05:19	1
1-Naphthylamine	<0.149	U H	0.574	0.149	ug/L		12/11/24 04:48	12/15/24 05:19	1
2,6-Dichlorophenol	<0.119	U H	0.574	0.119	ug/L		12/11/24 04:48	12/15/24 05:19	1
2-Acetylaminofluorene	<1.27	U *+ H	2.87	1.27	ug/L		12/11/24 04:48	12/15/24 05:19	1
2-Chlorophenol	<0.0760	U H	0.574	0.0760	ug/L		12/11/24 04:48	12/15/24 05:19	1
2-Naphthylamine	<0.289	U H	0.574	0.289	ug/L		12/11/24 04:48	12/15/24 05:19	1
2-Picoline	<0.123	U H	0.574	0.123	ug/L		12/11/24 04:48	12/15/24 05:19	1
2-Toluidine	<0.307	U H	0.574	0.307	ug/L		12/11/24 04:48	12/15/24 05:19	1
3,3'-Dichlorobenzidine	<0.184	U H	0.574	0.184	ug/L		12/11/24 04:48	12/15/24 05:19	1
3,3'-Dimethylbenzidine	<0.142	U H	0.574	0.142	ug/L		12/11/24 04:48	12/15/24 05:19	1
3-Methylcholanthrene	<0.105	U H	0.574	0.105	ug/L		12/11/24 04:48	12/15/24 05:19	1
4-Nitroquinoline-1-oxide	<0.733	U H	1.15	0.733	ug/L		12/11/24 04:48	12/15/24 05:19	1
7,12-Dimethylbenz(a)anthracene	<0.242	U H	0.574	0.242	ug/L		12/11/24 04:48	12/15/24 05:19	1
alpha,alpha-Dimethyl phenethylamine	<3.69	U H *-	5.74	3.69	ug/L		12/11/24 04:48	12/15/24 05:19	1
Aramite Peak 1	<0.0789	U *+ H	0.574	0.0789	ug/L		12/11/24 04:48	12/15/24 05:19	1
Aramite Peak 2	<0.0958	U H	0.574	0.0958	ug/L		12/11/24 04:48	12/15/24 05:19	1
Aramite, Total	<0.0958	U H	0.574	0.0958	ug/L		12/11/24 04:48	12/15/24 05:19	1
Diallate	<0.0838	U H	0.574	0.0838	ug/L		12/11/24 04:48	12/15/24 05:19	1
Diallate Peak 1	<0.0838	U H	0.574	0.0838	ug/L		12/11/24 04:48	12/15/24 05:19	1
Diallate Peak 2	<0.0387	U H	0.574	0.0387	ug/L		12/11/24 04:48	12/15/24 05:19	1
Dimethoate	<0.122	U *+ H	0.574	0.122	ug/L		12/11/24 04:48	12/15/24 05:19	1
Dinoseb	<0.572	U H	2.87	0.572	ug/L		12/11/24 04:48	12/15/24 05:19	1
Disulfoton	<0.204	U H	0.574	0.204	ug/L		12/11/24 04:48	12/15/24 05:19	1
Ethyl methanesulfonate	<0.228	U H	0.574	0.228	ug/L		12/11/24 04:48	12/15/24 05:19	1
Ethyl Parathion	<0.0504	U H	0.230	0.0504	ug/L		12/11/24 04:48	12/15/24 05:19	1
Famphur	<0.151	U H	1.15	0.151	ug/L		12/11/24 04:48	12/15/24 05:19	1
Hexachloropropene	<0.301	U H	0.574	0.301	ug/L		12/11/24 04:48	12/15/24 05:19	1
Isosafrole	<0.242	U H	0.574	0.242	ug/L		12/11/24 04:48	12/15/24 05:19	1
Isosafrole Peak 1	<0.0465	U H	0.574	0.0465	ug/L		12/11/24 04:48	12/15/24 05:19	1
Isosafrole Peak 2	<0.242	U H	0.574	0.242	ug/L		12/11/24 04:48	12/15/24 05:19	1
Methapyrilene	<1.00	U H	2.30	1.00	ug/L		12/11/24 04:48	12/15/24 05:19	1
Methyl methanesulfonate	<0.120	U H	0.574	0.120	ug/L		12/11/24 04:48	12/15/24 05:19	1
Methyl parathion	<0.321	U H	0.574	0.321	ug/L		12/11/24 04:48	12/15/24 05:19	1
N-Nitrosodiethylamine	<0.541	U H	1.15	0.541	ug/L		12/11/24 04:48	12/15/24 05:19	1
N-Nitrosodimethylamine	<0.100	U H *-	0.574	0.100	ug/L		12/11/24 04:48	12/15/24 05:19	1
N-Nitrosodi-n-butylamine	<0.518	U H	1.15	0.518	ug/L		12/11/24 04:48	12/15/24 05:19	1
N-Nitrosomethylethylamine	<0.295	U H	0.574	0.295	ug/L		12/11/24 04:48	12/15/24 05:19	1
N-Nitrosomorpholine	<0.221	U H	0.574	0.221	ug/L		12/11/24 04:48	12/15/24 05:19	1
N-Nitrosopyrrolidine	<0.269	U H	0.574	0.269	ug/L		12/11/24 04:48	12/15/24 05:19	1
o,o',o''-Triethylphosphorothioate	<0.139	U H	0.574	0.139	ug/L		12/11/24 04:48	12/15/24 05:19	1
p-Dimethylamino azobenzene	<0.0239	U H	0.574	0.0239	ug/L		12/11/24 04:48	12/15/24 05:19	1
Pentachloronitrobenzene	<0.100	U H	0.574	0.100	ug/L		12/11/24 04:48	12/15/24 05:19	1
Phenacetin	<0.100	U H	0.574	0.100	ug/L		12/11/24 04:48	12/15/24 05:19	1
Phorate	<0.222	U H	0.574	0.222	ug/L		12/11/24 04:48	12/15/24 05:19	1
p-Phenylene diamine	<0.502	U H *-	1.15	0.502	ug/L		12/11/24 04:48	12/15/24 05:19	1
Pronamide	<0.100	U H	0.574	0.100	ug/L		12/11/24 04:48	12/15/24 05:19	1
Safrole, Total	<0.0573	U H	0.574	0.0573	ug/L		12/11/24 04:48	12/15/24 05:19	1
Sulfotepp	<0.147	U *+ H	0.574	0.147	ug/L		12/11/24 04:48	12/15/24 05:19	1
Thionazin	<0.209	U H	1.15	0.209	ug/L		12/11/24 04:48	12/15/24 05:19	1

Client Sample ID: MW-06
Lab Sample ID: 860-86937-7
Date Collected: 11/12/24 13:30
Matrix: Water
Date Received: 11/13/24 09:46

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*35 - 130*	*12/11/24 04:48*	*12/15/24 05:19*	*1*
2-Fluorobiphenyl	*80*		*43 - 130*	*12/11/24 04:48*	*12/15/24 05:19*	*1*
2-Fluorophenol (Surr)	*64*		*19 - 120*	*12/11/24 04:48*	*12/15/24 05:19*	*1*
Nitrobenzene-d5 (Surr)	*101*		*37 - 133*	*12/11/24 04:48*	*12/15/24 05:19*	*1*
Phenol-d5 (Surr)	*39*		*8 - 124*	*12/11/24 04:48*	*12/15/24 05:19*	*1*
p-Terphenyl-d14	*120*		*47 - 130*	*12/11/24 04:48*	*12/15/24 05:19*	*1*

Client Sample ID: FB-01
Lab Sample ID: 860-86937-8
Date Collected: 11/12/24 13:45
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/19/24 01:57	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/19/24 01:57	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/19/24 01:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/19/24 01:57	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/19/24 01:57	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/19/24 01:57	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/19/24 01:57	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/19/24 01:57	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/19/24 01:57	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/19/24 01:57	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/19/24 01:57	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/19/24 01:57	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/19/24 01:57	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/19/24 01:57	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/19/24 01:57	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/19/24 01:57	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/19/24 01:57	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/19/24 01:57	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/19/24 01:57	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/19/24 01:57	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/19/24 01:57	1
Acetone	<3.07	U	100	3.07	ug/L			11/19/24 01:57	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/19/24 01:57	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/19/24 01:57	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/19/24 01:57	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/19/24 01:57	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/19/24 01:57	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/19/24 01:57	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/19/24 01:57	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/19/24 01:57	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/19/24 01:57	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/19/24 01:57	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/19/24 01:57	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/19/24 01:57	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/19/24 01:57	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/19/24 01:57	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/19/24 01:57	1

Client Sample ID: FB-01

Lab Sample ID: 860-86937-8

Date Collected: 11/12/24 13:45

Matrix: Water

Date Received: 11/13/24 09:46

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/19/24 01:57	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/19/24 01:57	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/19/24 01:57	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/19/24 01:57	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/19/24 01:57	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/19/24 01:57	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/19/24 01:57	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/19/24 01:57	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/19/24 01:57	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/19/24 01:57	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/19/24 01:57	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/19/24 01:57	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/19/24 01:57	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/19/24 01:57	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/19/24 01:57	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/19/24 01:57	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/19/24 01:57	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/19/24 01:57	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/19/24 01:57	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/19/24 01:57	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/19/24 01:57	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/19/24 01:57	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/19/24 01:57	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/19/24 01:57	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/19/24 01:57	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/19/24 01:57	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/19/24 01:57	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/19/24 01:57	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/19/24 01:57	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/19/24 01:57	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/19/24 01:57	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/19/24 01:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*11/19/24 01:57*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*11/19/24 01:57*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*11/19/24 01:57*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/19/24 01:57*	*1*

Client Sample ID: MW-09

Lab Sample ID: 860-86937-9

Date Collected: 11/12/24 14:42

Matrix: Water

Date Received: 11/13/24 09:46

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/19/24 00:20	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/19/24 00:20	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/19/24 00:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/19/24 00:20	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/19/24 00:20	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: MW-09
Date Collected: 11/12/24 14:42
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/19/24 00:20	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/19/24 00:20	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/19/24 00:20	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/19/24 00:20	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/19/24 00:20	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/19/24 00:20	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/19/24 00:20	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/19/24 00:20	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/19/24 00:20	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/19/24 00:20	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/19/24 00:20	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/19/24 00:20	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/19/24 00:20	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/19/24 00:20	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/19/24 00:20	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/19/24 00:20	1
Acetone	<3.07	U	100	3.07	ug/L			11/19/24 00:20	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/19/24 00:20	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/19/24 00:20	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/19/24 00:20	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/19/24 00:20	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/19/24 00:20	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/19/24 00:20	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/19/24 00:20	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/19/24 00:20	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/19/24 00:20	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/19/24 00:20	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/19/24 00:20	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/19/24 00:20	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/19/24 00:20	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/19/24 00:20	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/19/24 00:20	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/19/24 00:20	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/19/24 00:20	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/19/24 00:20	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/19/24 00:20	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/19/24 00:20	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/19/24 00:20	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/19/24 00:20	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/19/24 00:20	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/19/24 00:20	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/19/24 00:20	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/19/24 00:20	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/19/24 00:20	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/19/24 00:20	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/19/24 00:20	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/19/24 00:20	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/19/24 00:20	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/19/24 00:20	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: MW-09

Date Collected: 11/12/24 14:42
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-9

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/19/24 00:20	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/19/24 00:20	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/19/24 00:20	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/19/24 00:20	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/19/24 00:20	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/19/24 00:20	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/19/24 00:20	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/19/24 00:20	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/19/24 00:20	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/19/24 00:20	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/19/24 00:20	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/19/24 00:20	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/19/24 00:20	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/19/24 00:20	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/19/24 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*11/19/24 00:20*	*1*
4-Bromofluorobenzene (Surr)	*92*		*74 - 124*		*11/19/24 00:20*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 131*		*11/19/24 00:20*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*11/19/24 00:20*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0761	U *-	0.567	0.0761	ug/L		11/15/24 05:06	12/15/24 02:18	1
1,2-Dichlorobenzene	<0.0934	U	0.567	0.0934	ug/L		11/15/24 05:06	12/15/24 02:18	1
1,3-Dichlorobenzene	<0.101	U	0.567	0.101	ug/L		11/15/24 05:06	12/15/24 02:18	1
1,4-Dichlorobenzene	<0.0774	U	0.567	0.0774	ug/L		11/15/24 05:06	12/15/24 02:18	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.84	1.42	ug/L		11/15/24 05:06	12/15/24 02:18	1
2,4,5-Trichlorophenol	<0.142	U	0.567	0.142	ug/L		11/15/24 05:06	12/15/24 02:18	1
2,4,6-Trichlorophenol	<0.229	U	0.567	0.229	ug/L		11/15/24 05:06	12/15/24 02:18	1
2,4-Dichlorophenol	<0.139	U	0.567	0.139	ug/L		11/15/24 05:06	12/15/24 02:18	1
2,4-Dimethylphenol	<0.191	U *+	0.567	0.191	ug/L		11/15/24 05:06	12/15/24 02:18	1
1,4-Dioxane	**10.5**		0.567	0.0884	ug/L		11/15/24 05:06	12/15/24 02:18	1
2,4-Dinitrophenol	<0.103	U	2.84	0.103	ug/L		11/15/24 05:06	12/15/24 02:18	1
2,4-Dinitrotoluene	<0.203	U	0.567	0.203	ug/L		11/15/24 05:06	12/15/24 02:18	1
2,6-Dinitrotoluene	<0.115	U	0.567	0.115	ug/L		11/15/24 05:06	12/15/24 02:18	1
2-Chloronaphthalene	<0.376	U	0.567	0.376	ug/L		11/15/24 05:06	12/15/24 02:18	1
2-Methylnaphthalene	<0.0598	U	0.567	0.0598	ug/L		11/15/24 05:06	12/15/24 02:18	1
2-Methylphenol	<0.104	U	0.567	0.104	ug/L		11/15/24 05:06	12/15/24 02:18	1
2-Nitroaniline	<0.148	U	0.567	0.148	ug/L		11/15/24 05:06	12/15/24 02:18	1
2-Nitrophenol	<0.135	U	0.567	0.135	ug/L		11/15/24 05:06	12/15/24 02:18	1
3 & 4 Methylphenol	<0.138	U	0.567	0.138	ug/L		11/15/24 05:06	12/15/24 02:18	1
3-Nitroaniline	<0.0846	U	0.567	0.0846	ug/L		11/15/24 05:06	12/15/24 02:18	1
4,6-Dinitro-2-methylphenol	<0.200	U	1.13	0.200	ug/L		11/15/24 05:06	12/15/24 02:18	1
4-Bromophenyl phenyl ether	<0.0996	U	0.567	0.0996	ug/L		11/15/24 05:06	12/15/24 02:18	1
4-Chloro-3-methylphenol	<0.103	U	0.567	0.103	ug/L		11/15/24 05:06	12/15/24 02:18	1
4-Chloroaniline	<0.0383	U	0.567	0.0383	ug/L		11/15/24 05:06	12/15/24 02:18	1
4-Chlorophenyl phenyl ether	<0.129	U	0.567	0.129	ug/L		11/15/24 05:06	12/15/24 02:18	1
4-Nitroaniline	<0.108	U	0.567	0.108	ug/L		11/15/24 05:06	12/15/24 02:18	1

Client Sample ID: MW-09
Lab Sample ID: 860-86937-9
Date Collected: 11/12/24 14:42
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.107	U	0.567	0.107	ug/L		11/15/24 05:06	12/15/24 02:18	1
Acenaphthylene	<0.0989	U	0.567	0.0989	ug/L		11/15/24 05:06	12/15/24 02:18	1
Aniline	**0.444**	**J I**	0.567	0.0575	ug/L		11/15/24 05:06	12/15/24 02:18	1
Anthracene	<0.0931	U	0.567	0.0931	ug/L		11/15/24 05:06	12/15/24 02:18	1
Benzo[a]anthracene	<0.0284	U *+	0.0284	0.0284	ug/L		11/15/24 05:06	12/15/24 02:18	1
Benzo[a]pyrene	<0.0298	U	0.0567	0.0298	ug/L		11/15/24 05:06	12/15/24 02:18	1
Benzo[b]fluoranthene	<0.0659	U	0.567	0.0659	ug/L		11/15/24 05:06	12/15/24 02:18	1
Benzo[g,h,i]perylene	<0.0343	U	0.567	0.0343	ug/L		11/15/24 05:06	12/15/24 02:18	1
Benzo[k]fluoranthene	<0.0469	U	0.567	0.0469	ug/L		11/15/24 05:06	12/15/24 02:18	1
Benzyl alcohol	<0.596	U *-	1.13	0.596	ug/L		11/15/24 05:06	12/15/24 02:18	1
Bis(2-chloroethoxy)methane	<0.0967	U	0.567	0.0967	ug/L		11/15/24 05:06	12/15/24 02:18	1
Bis(2-chloroethyl)ether	<0.213	U	0.567	0.213	ug/L		11/15/24 05:06	12/15/24 02:18	1
Bis(2-ethylhexyl) phthalate	<0.894	U	1.13	0.894	ug/L		11/15/24 05:06	12/15/24 02:18	1
Butyl benzyl phthalate	<0.496	U	1.13	0.496	ug/L		11/15/24 05:06	12/15/24 02:18	1
Chrysene	<0.0810	U	0.567	0.0810	ug/L		11/15/24 05:06	12/15/24 02:18	1
Dibenz(a,h)anthracene	<0.0505	U	0.113	0.0505	ug/L		11/15/24 05:06	12/15/24 02:18	1
Dibenzofuran	<0.106	U	0.567	0.106	ug/L		11/15/24 05:06	12/15/24 02:18	1
Diethyl phthalate	<0.154	U *+	1.13	0.154	ug/L		11/15/24 05:06	12/15/24 02:18	1
Dimethyl phthalate	<0.107	U *+	1.13	0.107	ug/L		11/15/24 05:06	12/15/24 02:18	1
Di-n-butyl phthalate	<0.760	U *+	1.13	0.760	ug/L		11/15/24 05:06	12/15/24 02:18	1
Di-n-octyl phthalate	<0.267	U	1.13	0.267	ug/L		11/15/24 05:06	12/15/24 02:18	1
Fluoranthene	<0.0877	U	0.567	0.0877	ug/L		11/15/24 05:06	12/15/24 02:18	1
Fluorene	<0.0941	U	0.567	0.0941	ug/L		11/15/24 05:06	12/15/24 02:18	1
Hexachlorobenzene	<0.0968	U	0.567	0.0968	ug/L		11/15/24 05:06	12/15/24 02:18	1
Hexachlorobutadiene	<0.102	U	0.567	0.102	ug/L		11/15/24 05:06	12/15/24 02:18	1
Hexachlorocyclopentadiene	<0.0508	U	0.567	0.0508	ug/L		11/15/24 05:06	12/15/24 02:18	1
Hexachloroethane	<0.101	U	0.567	0.101	ug/L		11/15/24 05:06	12/15/24 02:18	1
Indeno[1,2,3-cd]pyrene	<0.0993	U	0.567	0.0993	ug/L		11/15/24 05:06	12/15/24 02:18	1
Isophorone	<0.106	U	0.567	0.106	ug/L		11/15/24 05:06	12/15/24 02:18	1
Naphthalene	<0.0938	U	0.567	0.0938	ug/L		11/15/24 05:06	12/15/24 02:18	1
Nitrobenzene	**0.328**	**J**	0.567	0.0731	ug/L		11/15/24 05:06	12/15/24 02:18	1
N-Nitrosodi-n-propylamine	<0.118	U	0.567	0.118	ug/L		11/15/24 05:06	12/15/24 02:18	1
N-Nitrosodiphenylamine	<0.144	U	0.567	0.144	ug/L		11/15/24 05:06	12/15/24 02:18	1
Pentachlorophenol	<1.03	U	1.13	1.03	ug/L		11/15/24 05:06	12/15/24 02:18	1
Phenanthrene	<0.133	U	0.567	0.133	ug/L		11/15/24 05:06	12/15/24 02:18	1
Phenol	<0.445	U	2.84	0.445	ug/L		11/15/24 05:06	12/15/24 02:18	1
Pyrene	<0.0843	U *+	0.567	0.0843	ug/L		11/15/24 05:06	12/15/24 02:18	1
Pyridine	<1.43	U *1	2.84	1.43	ug/L		11/15/24 05:06	12/15/24 02:18	1
N-Nitro-o-toluidine	<0.516	U	1.13	0.516	ug/L		11/15/24 05:06	12/15/24 02:18	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.567	0.209	ug/L		11/15/24 05:06	12/15/24 02:18	1
Acetophenone	<0.619	U	1.13	0.619	ug/L		11/15/24 05:06	12/15/24 02:18	1
N-Nitrosopiperidine	<0.464	U	1.13	0.464	ug/L		11/15/24 05:06	12/15/24 02:18	1
Pentachlorobenzene	<0.264	U	0.567	0.264	ug/L		11/15/24 05:06	12/15/24 02:18	1
Diphenyl ether	**1.29**		0.567	0.0903	ug/L		11/15/24 05:06	12/15/24 02:18	1
1,1'-Biphenyl	<0.0974	U	0.567	0.0974	ug/L		11/15/24 05:06	12/15/24 02:18	1
4-Aminobiphenyl	<0.391	U	0.567	0.391	ug/L		11/15/24 05:06	12/15/24 02:18	1
1,2,4,5-Tetrachlorobenzene	<0.0951	U *-	0.567	0.0951	ug/L		11/15/24 05:06	12/15/24 02:18	1
1,3,5-Trinitrobenzene	<0.118	U	0.567	0.118	ug/L		11/15/24 05:06	12/15/24 02:18	1
1,3-Dinitrobenzene	<0.0767	U	0.567	0.0767	ug/L		11/15/24 05:06	12/15/24 02:18	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: MW-09
Date Collected: 11/12/24 14:42
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-9
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Naphthoquinone	<0.312	U	0.567	0.312	ug/L		11/15/24 05:06	12/15/24 02:18	1
1-Naphthylamine	<0.148	U	0.567	0.148	ug/L		11/15/24 05:06	12/15/24 02:18	1
2,6-Dichlorophenol	<0.117	U	0.567	0.117	ug/L		11/15/24 05:06	12/15/24 02:18	1
2-Acetylaminofluorene	<1.26	U *+	2.84	1.26	ug/L		11/15/24 05:06	12/15/24 02:18	1
2-Chlorophenol	<0.0751	U	0.567	0.0751	ug/L		11/15/24 05:06	12/15/24 02:18	1
2-Naphthylamine	<0.286	U	0.567	0.286	ug/L		11/15/24 05:06	12/15/24 02:18	1
2-Picoline	<0.122	U *- *1	0.567	0.122	ug/L		11/15/24 05:06	12/15/24 02:18	1
2-Toluidine	<0.304	U	0.567	0.304	ug/L		11/15/24 05:06	12/15/24 02:18	1
3,3'-Dichlorobenzidine	<0.182	U	0.567	0.182	ug/L		11/15/24 05:06	12/15/24 02:18	1
3,3'-Dimethylbenzidine	<0.141	U	0.567	0.141	ug/L		11/15/24 05:06	12/15/24 02:18	1
3-Methylcholanthrene	<0.104	U	0.567	0.104	ug/L		11/15/24 05:06	12/15/24 02:18	1
4-Nitroquinoline-1-oxide	<0.725	U	1.13	0.725	ug/L		11/15/24 05:06	12/15/24 02:18	1
7,12-Dimethylbenz(a)anthracene	<0.239	U	0.567	0.239	ug/L		11/15/24 05:06	12/15/24 02:18	1
alpha,alpha-Dimethyl phenethylamine	<3.64	U *-	5.67	3.64	ug/L		11/15/24 05:06	12/15/24 02:18	1
Aramite Peak 1	<0.0780	U	0.567	0.0780	ug/L		11/15/24 05:06	12/15/24 02:18	1
Aramite Peak 2	<0.0947	U	0.567	0.0947	ug/L		11/15/24 05:06	12/15/24 02:18	1
Aramite, Total	<0.0947	U	0.567	0.0947	ug/L		11/15/24 05:06	12/15/24 02:18	1
Diallate	<0.0829	U	0.567	0.0829	ug/L		11/15/24 05:06	12/15/24 02:18	1
Diallate Peak 1	<0.0829	U	0.567	0.0829	ug/L		11/15/24 05:06	12/15/24 02:18	1
Diallate Peak 2	<0.0383	U	0.567	0.0383	ug/L		11/15/24 05:06	12/15/24 02:18	1
Dimethoate	<0.121	U	0.567	0.121	ug/L		11/15/24 05:06	12/15/24 02:18	1
Dinoseb	<0.566	U	2.84	0.566	ug/L		11/15/24 05:06	12/15/24 02:18	1
Disulfoton	<0.201	U	0.567	0.201	ug/L		11/15/24 05:06	12/15/24 02:18	1
Ethyl methanesulfonate	<0.225	U	0.567	0.225	ug/L		11/15/24 05:06	12/15/24 02:18	1
Ethyl Parathion	<0.0498	U	0.227	0.0498	ug/L		11/15/24 05:06	12/15/24 02:18	1
Famphur	<0.150	U	1.13	0.150	ug/L		11/15/24 05:06	12/15/24 02:18	1
Hexachloropropene	<0.298	U *-	0.567	0.298	ug/L		11/15/24 05:06	12/15/24 02:18	1
Isosafrole	<0.239	U	0.567	0.239	ug/L		11/15/24 05:06	12/15/24 02:18	1
Isosafrole Peak 1	<0.0460	U	0.567	0.0460	ug/L		11/15/24 05:06	12/15/24 02:18	1
Isosafrole Peak 2	<0.239	U	0.567	0.239	ug/L		11/15/24 05:06	12/15/24 02:18	1
Methapyrilene	<0.993	U	2.27	0.993	ug/L		11/15/24 05:06	12/15/24 02:18	1
Methyl methanesulfonate	<0.119	U	0.567	0.119	ug/L		11/15/24 05:06	12/15/24 02:18	1
Methyl parathion	<0.317	U	0.567	0.317	ug/L		11/15/24 05:06	12/15/24 02:18	1
N-Nitrosodiethylamine	<0.535	U	1.13	0.535	ug/L		11/15/24 05:06	12/15/24 02:18	1
N-Nitrosodimethylamine	<0.0993	U *-	0.567	0.0993	ug/L		11/15/24 05:06	12/15/24 02:18	1
N-Nitrosodi-n-butylamine	<0.512	U	1.13	0.512	ug/L		11/15/24 05:06	12/15/24 02:18	1
N-Nitrosomethylethylamine	<0.292	U	0.567	0.292	ug/L		11/15/24 05:06	12/15/24 02:18	1
N-Nitrosomorpholine	<0.219	U	0.567	0.219	ug/L		11/15/24 05:06	12/15/24 02:18	1
N-Nitrosopyrrolidine	<0.266	U *-	0.567	0.266	ug/L		11/15/24 05:06	12/15/24 02:18	1
o,o',o''-Triethylphosphorothioate	**0.916**		0.567	0.137	ug/L		11/15/24 05:06	12/15/24 02:18	1
p-Dimethylamino azobenzene	<0.0236	U	0.567	0.0236	ug/L		11/15/24 05:06	12/15/24 02:18	1
Pentachloronitrobenzene	<0.0993	U *+	0.567	0.0993	ug/L		11/15/24 05:06	12/15/24 02:18	1
Phenacetin	<0.0993	U	0.567	0.0993	ug/L		11/15/24 05:06	12/15/24 02:18	1
Phorate	<0.220	U	0.567	0.220	ug/L		11/15/24 05:06	12/15/24 02:18	1
p-Phenylene diamine	<0.496	U *-	1.13	0.496	ug/L		11/15/24 05:06	12/15/24 02:18	1
Pronamide	<0.0993	U *+	0.567	0.0993	ug/L		11/15/24 05:06	12/15/24 02:18	1
Safrole, Total	<0.0567	U	0.567	0.0567	ug/L		11/15/24 05:06	12/15/24 02:18	1
Sulfotepp	**0.498**	**J**	0.567	0.146	ug/L		11/15/24 05:06	12/15/24 02:18	1
Thionazin	<0.207	U	1.13	0.207	ug/L		11/15/24 05:06	12/15/24 02:18	1

Client Sample ID: MW-09
Date Collected: 11/12/24 14:42
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-9
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*108*		*35 - 130*	*11/15/24 05:06*	*12/15/24 02:18*	*1*
2-Fluorobiphenyl	*95*		*43 - 130*	*11/15/24 05:06*	*12/15/24 02:18*	*1*
2-Fluorophenol (Surr)	*58*		*19 - 120*	*11/15/24 05:06*	*12/15/24 02:18*	*1*
Nitrobenzene-d5 (Surr)	*117*		*37 - 133*	*11/15/24 05:06*	*12/15/24 02:18*	*1*
Phenol-d5 (Surr)	*34*		*8 - 124*	*11/15/24 05:06*	*12/15/24 02:18*	*1*
p-Terphenyl-d14	*153*	*S1+*	*47 - 130*	*11/15/24 05:06*	*12/15/24 02:18*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U H	0.571	0.0766	ug/L		12/11/24 04:48	12/15/24 05:50	1
1,2-Dichlorobenzene	<0.0941	U H	0.571	0.0941	ug/L		12/11/24 04:48	12/15/24 05:50	1
1,3-Dichlorobenzene	<0.102	U H	0.571	0.102	ug/L		12/11/24 04:48	12/15/24 05:50	1
1,4-Dichlorobenzene	<0.0779	U H	0.571	0.0779	ug/L		12/11/24 04:48	12/15/24 05:50	1
2,2'-oxybis[1-chloropropane]	<1.43	U H	2.86	1.43	ug/L		12/11/24 04:48	12/15/24 05:50	1
2,4,5-Trichlorophenol	<0.143	U H	0.571	0.143	ug/L		12/11/24 04:48	12/15/24 05:50	1
2,4,6-Trichlorophenol	<0.231	U H	0.571	0.231	ug/L		12/11/24 04:48	12/15/24 05:50	1
2,4-Dichlorophenol	<0.140	U H	0.571	0.140	ug/L		12/11/24 04:48	12/15/24 05:50	1
2,4-Dimethylphenol	<0.192	U *+ H	0.571	0.192	ug/L		12/11/24 04:48	12/15/24 05:50	1
1,4-Dioxane	**12.6**	**H**	0.571	0.0890	ug/L		12/11/24 04:48	12/15/24 05:50	1
2,4-Dinitrophenol	<0.104	U H	2.86	0.104	ug/L		12/11/24 04:48	12/15/24 05:50	1
2,4-Dinitrotoluene	<0.205	U H	0.571	0.205	ug/L		12/11/24 04:48	12/15/24 05:50	1
2,6-Dinitrotoluene	<0.116	U H	0.571	0.116	ug/L		12/11/24 04:48	12/15/24 05:50	1
2-Chloronaphthalene	<0.378	U H	0.571	0.378	ug/L		12/11/24 04:48	12/15/24 05:50	1
2-Methylnaphthalene	<0.0603	U H	0.571	0.0603	ug/L		12/11/24 04:48	12/15/24 05:50	1
2-Methylphenol	<0.105	U H	0.571	0.105	ug/L		12/11/24 04:48	12/15/24 05:50	1
2-Nitroaniline	<0.149	U H	0.571	0.149	ug/L		12/11/24 04:48	12/15/24 05:50	1
2-Nitrophenol	<0.136	U H	0.571	0.136	ug/L		12/11/24 04:48	12/15/24 05:50	1
3 & 4 Methylphenol	<0.139	U H	0.571	0.139	ug/L		12/11/24 04:48	12/15/24 05:50	1
3-Nitroaniline	<0.0853	U H	0.571	0.0853	ug/L		12/11/24 04:48	12/15/24 05:50	1
4,6-Dinitro-2-methylphenol	<0.201	U H	1.14	0.201	ug/L		12/11/24 04:48	12/15/24 05:50	1
4-Bromophenyl phenyl ether	<0.100	U H	0.571	0.100	ug/L		12/11/24 04:48	12/15/24 05:50	1
4-Chloro-3-methylphenol	<0.104	U H	0.571	0.104	ug/L		12/11/24 04:48	12/15/24 05:50	1
4-Chloroaniline	**0.0408**	**J H**	0.571	0.0385	ug/L		12/11/24 04:48	12/15/24 05:50	1
4-Chlorophenyl phenyl ether	<0.130	U H	0.571	0.130	ug/L		12/11/24 04:48	12/15/24 05:50	1
4-Nitroaniline	<0.109	U H	0.571	0.109	ug/L		12/11/24 04:48	12/15/24 05:50	1
Acenaphthene	<0.107	U H	0.571	0.107	ug/L		12/11/24 04:48	12/15/24 05:50	1
Acenaphthylene	<0.0996	U H	0.571	0.0996	ug/L		12/11/24 04:48	12/15/24 05:50	1
Aniline	<0.0580	U H	0.571	0.0580	ug/L		12/11/24 04:48	12/15/24 05:50	1
Anthracene	<0.0938	U *+ H	0.571	0.0938	ug/L		12/11/24 04:48	12/15/24 05:50	1
Benzo[a]anthracene	<0.0286	U *+ H	0.0286	0.0286	ug/L		12/11/24 04:48	12/15/24 05:50	1
Benzo[a]pyrene	<0.0300	U H	0.0571	0.0300	ug/L		12/11/24 04:48	12/15/24 05:50	1
Benzo[b]fluoranthene	<0.0664	U *+ H	0.571	0.0664	ug/L		12/11/24 04:48	12/15/24 05:50	1
Benzo[g,h,i]perylene	<0.0345	U H	0.571	0.0345	ug/L		12/11/24 04:48	12/15/24 05:50	1
Benzo[k]fluoranthene	<0.0473	U H	0.571	0.0473	ug/L		12/11/24 04:48	12/15/24 05:50	1
Benzyl alcohol	<0.600	U H	1.14	0.600	ug/L		12/11/24 04:48	12/15/24 05:50	1
Bis(2-chloroethoxy)methane	<0.0974	U H	0.571	0.0974	ug/L		12/11/24 04:48	12/15/24 05:50	1
Bis(2-chloroethyl)ether	<0.214	U H	0.571	0.214	ug/L		12/11/24 04:48	12/15/24 05:50	1
Bis(2-ethylhexyl) phthalate	<0.900	U *+ H	1.14	0.900	ug/L		12/11/24 04:48	12/15/24 05:50	1
Butyl benzyl phthalate	<0.500	U H	1.14	0.500	ug/L		12/11/24 04:48	12/15/24 05:50	1
Chrysene	<0.0815	U *+ H	0.571	0.0815	ug/L		12/11/24 04:48	12/15/24 05:50	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: MW-09
Date Collected: 11/12/24 14:42
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-9
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	<0.0509	U H	0.114	0.0509	ug/L		12/11/24 04:48	12/15/24 05:50	1
Dibenzofuran	<0.107	U H	0.571	0.107	ug/L		12/11/24 04:48	12/15/24 05:50	1
Diethyl phthalate	<0.155	U H	1.14	0.155	ug/L		12/11/24 04:48	12/15/24 05:50	1
Dimethyl phthalate	<0.108	U H	1.14	0.108	ug/L		12/11/24 04:48	12/15/24 05:50	1
Di-n-butyl phthalate	<0.765	U H	1.14	0.765	ug/L		12/11/24 04:48	12/15/24 05:50	1
Di-n-octyl phthalate	<0.269	U H	1.14	0.269	ug/L		12/11/24 04:48	12/15/24 05:50	1
Fluoranthene	<0.0883	U H	0.571	0.0883	ug/L		12/11/24 04:48	12/15/24 05:50	1
Fluorene	<0.0948	U H	0.571	0.0948	ug/L		12/11/24 04:48	12/15/24 05:50	1
Hexachlorobenzene	<0.0975	U H	0.571	0.0975	ug/L		12/11/24 04:48	12/15/24 05:50	1
Hexachlorobutadiene	<0.103	U H	0.571	0.103	ug/L		12/11/24 04:48	12/15/24 05:50	1
Hexachlorocyclopentadiene	<0.0512	U *+ H	0.571	0.0512	ug/L		12/11/24 04:48	12/15/24 05:50	1
Hexachloroethane	<0.102	U H	0.571	0.102	ug/L		12/11/24 04:48	12/15/24 05:50	1
Indeno[1,2,3-cd]pyrene	<0.100	U H	0.571	0.100	ug/L		12/11/24 04:48	12/15/24 05:50	1
Isophorone	<0.107	U H	0.571	0.107	ug/L		12/11/24 04:48	12/15/24 05:50	1
Naphthalene	<0.0944	U H	0.571	0.0944	ug/L		12/11/24 04:48	12/15/24 05:50	1
Nitrobenzene	<0.0736	U H	0.571	0.0736	ug/L		12/11/24 04:48	12/15/24 05:50	1
N-Nitrosodi-n-propylamine	<0.119	U H	0.571	0.119	ug/L		12/11/24 04:48	12/15/24 05:50	1
N-Nitrosodiphenylamine	<0.145	U H	0.571	0.145	ug/L		12/11/24 04:48	12/15/24 05:50	1
Pentachlorophenol	<1.04	U H	1.14	1.04	ug/L		12/11/24 04:48	12/15/24 05:50	1
Phenanthrene	<0.134	U *+ H	0.571	0.134	ug/L		12/11/24 04:48	12/15/24 05:50	1
Phenol	<0.448	U H	2.86	0.448	ug/L		12/11/24 04:48	12/15/24 05:50	1
Pyrene	<0.0849	U H	0.571	0.0849	ug/L		12/11/24 04:48	12/15/24 05:50	1
Pyridine	<1.44	U H *1	2.86	1.44	ug/L		12/11/24 04:48	12/15/24 05:50	1
N-Nitro-o-toluidine	<0.520	U H	1.14	0.520	ug/L		12/11/24 04:48	12/15/24 05:50	1
2,3,4,6-Tetrachlorophenol	<0.211	U *+ H	0.571	0.211	ug/L		12/11/24 04:48	12/15/24 05:50	1
Acetophenone	<0.624	U H	1.14	0.624	ug/L		12/11/24 04:48	12/15/24 05:50	1
N-Nitrosopiperidine	<0.467	U H	1.14	0.467	ug/L		12/11/24 04:48	12/15/24 05:50	1
Pentachlorobenzene	<0.266	U H	0.571	0.266	ug/L		12/11/24 04:48	12/15/24 05:50	1
Diphenyl ether	**1.18**	**H**	0.571	0.0910	ug/L		12/11/24 04:48	12/15/24 05:50	1
1,1'-Biphenyl	<0.0981	U H	0.571	0.0981	ug/L		12/11/24 04:48	12/15/24 05:50	1
4-Aminobiphenyl	<0.394	U H	0.571	0.394	ug/L		12/11/24 04:48	12/15/24 05:50	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U H	0.571	0.0957	ug/L		12/11/24 04:48	12/15/24 05:50	1
1,3,5-Trinitrobenzene	<0.119	U H	0.571	0.119	ug/L		12/11/24 04:48	12/15/24 05:50	1
1,3-Dinitrobenzene	<0.0773	U H	0.571	0.0773	ug/L		12/11/24 04:48	12/15/24 05:50	1
1,4-Naphthoquinone	<0.314	U H	0.571	0.314	ug/L		12/11/24 04:48	12/15/24 05:50	1
1-Naphthylamine	<0.149	U H	0.571	0.149	ug/L		12/11/24 04:48	12/15/24 05:50	1
2,6-Dichlorophenol	<0.118	U H	0.571	0.118	ug/L		12/11/24 04:48	12/15/24 05:50	1
2-Acetylaminofluorene	<1.26	U *+ H	2.86	1.26	ug/L		12/11/24 04:48	12/15/24 05:50	1
2-Chlorophenol	<0.0756	U H	0.571	0.0756	ug/L		12/11/24 04:48	12/15/24 05:50	1
2-Naphthylamine	<0.288	U H	0.571	0.288	ug/L		12/11/24 04:48	12/15/24 05:50	1
2-Picoline	<0.123	U H	0.571	0.123	ug/L		12/11/24 04:48	12/15/24 05:50	1
2-Toluidine	<0.306	U H	0.571	0.306	ug/L		12/11/24 04:48	12/15/24 05:50	1
3,3'-Dichlorobenzidine	<0.183	U H	0.571	0.183	ug/L		12/11/24 04:48	12/15/24 05:50	1
3,3'-Dimethylbenzidine	<0.142	U H	0.571	0.142	ug/L		12/11/24 04:48	12/15/24 05:50	1
3-Methylcholanthrene	<0.104	U H	0.571	0.104	ug/L		12/11/24 04:48	12/15/24 05:50	1
4-Nitroquinoline-1-oxide	<0.730	U H	1.14	0.730	ug/L		12/11/24 04:48	12/15/24 05:50	1
7,12-Dimethylbenz(a)anthracene	<0.241	U H	0.571	0.241	ug/L		12/11/24 04:48	12/15/24 05:50	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U H *-	5.71	3.67	ug/L		12/11/24 04:48	12/15/24 05:50	1
Aramite Peak 1	<0.0785	U *+ H	0.571	0.0785	ug/L		12/11/24 04:48	12/15/24 05:50	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: MW-09
Date Collected: 11/12/24 14:42
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-9
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aramite Peak 2	<0.0954	U H	0.571	0.0954	ug/L		12/11/24 04:48	12/15/24 05:50	1
Aramite, Total	<0.0954	U H	0.571	0.0954	ug/L		12/11/24 04:48	12/15/24 05:50	1
Diallate	<0.0835	U H	0.571	0.0835	ug/L		12/11/24 04:48	12/15/24 05:50	1
Diallate Peak 1	<0.0835	U H	0.571	0.0835	ug/L		12/11/24 04:48	12/15/24 05:50	1
Diallate Peak 2	<0.0385	U H	0.571	0.0385	ug/L		12/11/24 04:48	12/15/24 05:50	1
Dimethoate	<0.122	U *+ H	0.571	0.122	ug/L		12/11/24 04:48	12/15/24 05:50	1
Dinoseb	<0.570	U H	2.86	0.570	ug/L		12/11/24 04:48	12/15/24 05:50	1
Disulfoton	<0.203	U H	0.571	0.203	ug/L		12/11/24 04:48	12/15/24 05:50	1
Ethyl methanesulfonate	<0.227	U H	0.571	0.227	ug/L		12/11/24 04:48	12/15/24 05:50	1
Ethyl Parathion	<0.0502	U H	0.229	0.0502	ug/L		12/11/24 04:48	12/15/24 05:50	1
Famphur	<0.151	U H	1.14	0.151	ug/L		12/11/24 04:48	12/15/24 05:50	1
Hexachloropropene	<0.300	U H	0.571	0.300	ug/L		12/11/24 04:48	12/15/24 05:50	1
Isosafrole	<0.241	U H	0.571	0.241	ug/L		12/11/24 04:48	12/15/24 05:50	1
Isosafrole Peak 1	<0.0463	U H	0.571	0.0463	ug/L		12/11/24 04:48	12/15/24 05:50	1
Isosafrole Peak 2	<0.241	U H	0.571	0.241	ug/L		12/11/24 04:48	12/15/24 05:50	1
Methapyrilene	<1.00	U H	2.29	1.00	ug/L		12/11/24 04:48	12/15/24 05:50	1
Methyl methanesulfonate	<0.120	U H	0.571	0.120	ug/L		12/11/24 04:48	12/15/24 05:50	1
Methyl parathion	<0.319	U H	0.571	0.319	ug/L		12/11/24 04:48	12/15/24 05:50	1
N-Nitrosodiethylamine	<0.538	U H	1.14	0.538	ug/L		12/11/24 04:48	12/15/24 05:50	1
N-Nitrosodimethylamine	<0.100	U H *-	0.571	0.100	ug/L		12/11/24 04:48	12/15/24 05:50	1
N-Nitrosodi-n-butylamine	<0.516	U H	1.14	0.516	ug/L		12/11/24 04:48	12/15/24 05:50	1
N-Nitrosomethylethylamine	<0.294	U H	0.571	0.294	ug/L		12/11/24 04:48	12/15/24 05:50	1
N-Nitrosomorpholine	<0.220	U H	0.571	0.220	ug/L		12/11/24 04:48	12/15/24 05:50	1
N-Nitrosopyrrolidine	<0.268	U H	0.571	0.268	ug/L		12/11/24 04:48	12/15/24 05:50	1
o,o',o''-Triethylphosphorothioate	**0.878**	**H**	0.571	0.138	ug/L		12/11/24 04:48	12/15/24 05:50	1
p-Dimethylamino azobenzene	<0.0238	U H	0.571	0.0238	ug/L		12/11/24 04:48	12/15/24 05:50	1
Pentachloronitrobenzene	<0.100	U H	0.571	0.100	ug/L		12/11/24 04:48	12/15/24 05:50	1
Phenacetin	<0.100	U H	0.571	0.100	ug/L		12/11/24 04:48	12/15/24 05:50	1
Phorate	<0.221	U H	0.571	0.221	ug/L		12/11/24 04:48	12/15/24 05:50	1
p-Phenylene diamine	<0.500	U H *-	1.14	0.500	ug/L		12/11/24 04:48	12/15/24 05:50	1
Pronamide	<0.100	U H	0.571	0.100	ug/L		12/11/24 04:48	12/15/24 05:50	1
Safrole, Total	<0.0571	U H	0.571	0.0571	ug/L		12/11/24 04:48	12/15/24 05:50	1
Sulfotepp	<0.147	U *+ H	0.571	0.147	ug/L		12/11/24 04:48	12/15/24 05:50	1
Thionazin	<0.208	U H	1.14	0.208	ug/L		12/11/24 04:48	12/15/24 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*104*		*35 - 130*	*12/11/24 04:48*	*12/15/24 05:50*	*1*
2-Fluorobiphenyl	*82*		*43 - 130*	*12/11/24 04:48*	*12/15/24 05:50*	*1*
2-Fluorophenol (Surr)	*72*		*19 - 120*	*12/11/24 04:48*	*12/15/24 05:50*	*1*
Nitrobenzene-d5 (Surr)	*107*		*37 - 133*	*12/11/24 04:48*	*12/15/24 05:50*	*1*
Phenol-d5 (Surr)	*48*		*8 - 124*	*12/11/24 04:48*	*12/15/24 05:50*	*1*
p-Terphenyl-d14	*113*		*47 - 130*	*12/11/24 04:48*	*12/15/24 05:50*	*1*

Surrogate Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
820-16177-B-3 MS	Matrix Spike	103	98	106	102
860-86937-1	TB-06(111124)	111	94	110	104
860-86937-2	MW-24	102	93	95	96
860-86937-3	MW-22	113	93	109	104
860-86937-3	MW-22	104	92	92	95
860-86937-4	MW-20	96	105	97	102
860-86937-4 - RA	MW-20	108	98	97	101
860-86937-5	MW-19	99	104	101	100
860-86937-5 - RA	MW-19	106	96	100	98
860-86937-6	MW-18	104	94	92	97
860-86937-6 MS	MW-18	95	93	95	99
860-86937-6 MSD	MW-18	98	92	92	94
860-86937-7	MW-06	105	100	101	99
860-86937-8	FB-01	105	100	100	100
860-86937-9	MW-09	103	92	92	94
LCS 860-200039/3	Lab Control Sample	104	98	103	101
LCS 860-200299/3	Lab Control Sample	103	100	104	102
LCS 860-200483/1011	Lab Control Sample	98	95	93	98
LCSD 860-200039/4	Lab Control Sample Dup	100	99	102	100
LCSD 860-200299/4	Lab Control Sample Dup	100	100	104	102
LCSD 860-200483/12	Lab Control Sample Dup	99	93	95	96
MB 860-200039/7	Method Blank	98	98	104	101
MB 860-200299/9	Method Blank	112	100	109	102
MB 860-200483/18	Method Blank	103	92	89	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(35-130)	(43-130)	(19-120)	(37-133)	(8-124)	(47-130)
860-86937-2	MW-24	112	110	64	96	38	114
860-86937-2 - RE	MW-24	154 S1+	129	89	151 S1+	59	167 S1+
860-86937-3	MW-22	139 S1+	82	70	93	54	124
860-86937-3 - DL	MW-22	380 I S1+	215 S1+	165 I S1+	247 S1+	148 S1+	340 S1+
860-86937-3 - DL2	MW-22	2292 S1+	127 I	333 S1+	267 S1+	456 S1+	304 S1+
860-86937-3 - RE	MW-22	390 I S1+	121	128 S1+	185 S1+	117	232 I S1+
860-86937-3 - REDL	MW-22	0 S1-	419 S1+	335 S1+	162 S1+	1397 I S1+	270 I S1+
860-86937-3 - DL2	MW-22	0 S1-	70 I	0 S1-	0 S1-	1771 S1+	225 S1+
860-86937-4 - DL	MW-20	0 S1-	92	68	84 I	70 I	150 S1+
860-86937-4	MW-20	121	87	69	117	48	158 S1+
860-86937-4 - RE	MW-20	120	87	57	111	37	148 S1+
860-86937-5 - DL	MW-19	0 S1-	79	54	86 I	51	149 I S1+

Surrogate Summary

Client: Ashland LLC
Job ID: 860-86937-1
Project/Site: Hercules Hattiesburg, MS

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	TBP (35-130)	FBP (43-130)	2FP (19-120)	NBZ (37-133)	PHL (8-124)	TPHd14 (47-130)
860-86937-5 - DL2	MW-19	1011 I S1+	425 S1+	453 S1+	369 I S1+	1040 I S1+	609 S1+
860-86937-5	MW-19	139 S1+	85	73	135 S1+	48	182 S1+
860-86937-5 - RE	MW-19	117	80	60	107	35	149 S1+
860-86937-6 - DL	MW-18	0 S1-	82	53	74 I	81	125
860-86937-6	MW-18	108	73	66	106	39	145 S1+
860-86937-6 - RE	MW-18	118	79	76	107	46	127
860-86937-6 MS - DL	MW-18	0 S1-	81	62 I	100 I	72	140 S1+
860-86937-6 MS	MW-18	119	86	75	123	49	146 S1+
860-86937-6 MS - RE	MW-18	57	40 S1-	32	53	19	54
860-86937-6 MSD - DL	MW-18	0 S1-	88	64 I	97 I	24	136 I S1+
860-86937-6 MSD	MW-18	126	85	78	123	49	142 S1+
860-86937-6 MSD - RE	MW-18	73	51	40	67	24	72
860-86937-7	MW-06	109	90	65	120	38	137 S1+
860-86937-7 - RE	MW-06	91	80	64	101	39	120
860-86937-9	MW-09	108	95	58	117	34	153 S1+
860-86937-9 - RE	MW-09	104	82	72	107	48	113
LCS 860-199671/2-A	Lab Control Sample	176 S1+	123	61	131	41	120
LCS 860-199671/4-A	Lab Control Sample	95	98	53	116	42	115
LCS 860-199899/2-A	Lab Control Sample	134 S1+	98	50	112	29	118
LCS 860-200832/2-A	Lab Control Sample	133 S1+	113	71	112	50	96
LCS 860-200832/4-A	Lab Control Sample	133 S1+	101	76	111	64	104
LCS 860-204625/2-A	Lab Control Sample	109	102	69	123	45	135 S1+
LCS 860-204625/4-A	Lab Control Sample	84	86	53	96	33	100
LCSD 860-199671/3-A	Lab Control Sample Dup	175 S1+	126	67	134 S1+	47	131 S1+
LCSD 860-199671/5-A	Lab Control Sample Dup	123	119	48	140 S1+	34	138 S1+
LCSD 860-199899/3-A	Lab Control Sample Dup	107	103	51	111	31	121
LCSD 860-200832/3-A	Lab Control Sample Dup	148 S1+	118	68	109	46	96
LCSD 860-200832/5-A	Lab Control Sample Dup	127	93	72	112	53	94
LCSD 860-204625/3-A	Lab Control Sample Dup	103	105	74	124	48	138 S1+
LCSD 860-204625/5-A	Lab Control Sample Dup	90	90	59	102	37	100
MB 860-199671/1-A	Method Blank	115	113	53	105	36	135 S1+
MB 860-199899/1-A	Method Blank	121	104	56	114	33	126
MB 860-200832/1-A	Method Blank	138 S1+	126	67	100	45	99
MB 860-204625/1-A	Method Blank	96	101	62	117	36	147 S1+

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-200039/7
Matrix: Water
Analysis Batch: 200039

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/15/24 18:53	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/15/24 18:53	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/15/24 18:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/15/24 18:53	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/15/24 18:53	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/15/24 18:53	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/15/24 18:53	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/15/24 18:53	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/15/24 18:53	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/15/24 18:53	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/15/24 18:53	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/15/24 18:53	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/15/24 18:53	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/15/24 18:53	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/15/24 18:53	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/15/24 18:53	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/15/24 18:53	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/15/24 18:53	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/15/24 18:53	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/15/24 18:53	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/15/24 18:53	1
Acetone	<3.07	U	100	3.07	ug/L			11/15/24 18:53	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/15/24 18:53	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/15/24 18:53	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/15/24 18:53	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/15/24 18:53	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/15/24 18:53	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/15/24 18:53	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/15/24 18:53	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/15/24 18:53	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/15/24 18:53	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/15/24 18:53	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/15/24 18:53	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/15/24 18:53	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/15/24 18:53	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/15/24 18:53	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/15/24 18:53	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/15/24 18:53	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/15/24 18:53	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/15/24 18:53	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/15/24 18:53	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/15/24 18:53	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/15/24 18:53	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/15/24 18:53	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/15/24 18:53	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/15/24 18:53	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/15/24 18:53	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/15/24 18:53	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-200039/7
Matrix: Water
Analysis Batch: 200039

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/15/24 18:53	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/15/24 18:53	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/15/24 18:53	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/15/24 18:53	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/15/24 18:53	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/15/24 18:53	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/15/24 18:53	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/15/24 18:53	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/15/24 18:53	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/15/24 18:53	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/15/24 18:53	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/15/24 18:53	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/15/24 18:53	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/15/24 18:53	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/15/24 18:53	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/15/24 18:53	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/15/24 18:53	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/15/24 18:53	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/15/24 18:53	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/15/24 18:53	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/15/24 18:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*		*11/15/24 18:53*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*11/15/24 18:53*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*11/15/24 18:53*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/15/24 18:53*	*1*

Lab Sample ID: LCS 860-200039/3
Matrix: Water
Analysis Batch: 200039

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	58.64		ug/L		117	72 - 125
1,1,1-Trichloroethane	50.0	57.46		ug/L		115	70 - 130
1,1,2,2-Tetrachloroethane	50.0	51.75		ug/L		103	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	60.38		ug/L		121	60 - 140
1,1,2-Trichloroethane	50.0	55.66		ug/L		111	75 - 130
1,1-Dichloroethane	50.0	56.88		ug/L		114	71 - 130
1,1-Dichloroethene	50.0	58.89		ug/L		118	50 - 150
1,2,3-Trichloropropane	50.0	53.97		ug/L		108	75 - 125
1,2,4-Trimethylbenzene	50.0	56.73		ug/L		113	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	54.26		ug/L		109	59 - 125
1,2-Dibromoethane	50.0	55.63		ug/L		111	73 - 125
1,2-Dichloroethane	50.0	51.59		ug/L		103	72 - 130
1,2-Dichloropropane	50.0	56.34		ug/L		113	74 - 125
1,3,5-Trimethylbenzene	50.0	56.49		ug/L		113	60 - 140
1,3-Butadiene	50.0	57.20		ug/L		114	60 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-200039/3
Matrix: Water
Analysis Batch: 200039

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,2,4-Trimethylpentane	50.0	56.87		ug/L		114	70 - 130
2-Butanone (MEK)	250	298.6		ug/L		119	60 - 140
2-Hexanone (MBK)	250	273.2		ug/L		109	60 - 140
2-Propanol	500	473.4		ug/L		95	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	61.85		ug/L		124	70 - 130
4-Methyl-2-pentanone	250	267.0		ug/L		107	60 - 140
Acetone	250	253.6		ug/L		101	60 - 140
Acetonitrile	500	562.9		ug/L		113	60 - 140
Acrolein	250	225.7		ug/L		90	60 - 140
Acrylonitrile	500	543.1		ug/L		109	60 - 140
alpha-Chlorotoluene	50.0	53.32		ug/L		107	75 - 125
Benzene	50.0	55.07		ug/L		110	75 - 125
Bromodichloromethane	50.0	57.75		ug/L		115	75 - 125
Bromoform	50.0	49.22		ug/L		98	70 - 130
Bromomethane	50.0	47.63		ug/L		95	60 - 140
Carbon disulfide	50.0	57.62		ug/L		115	60 - 140
Carbon tetrachloride	50.0	58.53		ug/L		117	70 - 125
Chlorobenzene	50.0	53.89		ug/L		108	82 - 135
Chlorodibromomethane	50.0	55.43		ug/L		111	73 - 125
Chloroethane	50.0	53.20		ug/L		106	60 - 140
Chloroform	50.0	55.94		ug/L		112	70 - 121
Chloromethane	50.0	51.52		ug/L		103	60 - 140
Chloroprene	50.0	61.48		ug/L		123	70 - 130
cis-1,2-Dichloroethene	50.0	57.57		ug/L		115	75 - 125
cis-1,3-Dichloropropene	50.0	59.84		ug/L		120	74 - 125
Cumene (isopropylbenzene)	50.0	58.93		ug/L		118	75 - 125
Cyclohexane	50.0	53.92		ug/L		108	70 - 130
Dibromomethane	50.0	53.55		ug/L		107	69 - 127
Dichlorodifluoromethane	50.0	42.02		ug/L		84	50 - 150
Ethyl methacrylate	50.0	57.99		ug/L		116	70 - 130
Ethylbenzene	50.0	56.13		ug/L		112	75 - 125
Hexane	50.0	59.89		ug/L		120	72 - 125
Isobutanol	1240	1425		ug/L		115	60 - 140
Methacrylonitrile	500	594.7		ug/L		119	70 - 130
Methyl methacrylate	100	110.0		ug/L		110	70 - 130
Methyl tert-butyl ether	50.0	58.81		ug/L		118	65 - 135
Methylene Chloride	50.0	51.62		ug/L		103	71 - 125
Propionitrile	500	528.3		ug/L		106	70 - 130
Propylbenzene	50.0	56.05		ug/L		112	75 - 125
Styrene	50.0	59.23		ug/L		118	75 - 125
Tetrachloroethene	50.0	54.98		ug/L		110	71 - 125
Tetrahydrofuran	100	112.5		ug/L		112	75 - 125
Toluene	50.0	54.08		ug/L		108	75 - 130
trans-1,2-Dichloroethene	50.0	57.74		ug/L		115	75 - 125
trans-1,3-Dichloropropene	50.0	57.59		ug/L		115	66 - 125
trans-1,4-Dichloro-2-butene	50.0	56.78		ug/L		114	70 - 130
Trichloroethene	50.0	57.51		ug/L		115	75 - 135
Trichlorofluoromethane	50.0	62.24		ug/L		124	60 - 140
Vinyl chloride	50.0	55.90		ug/L		112	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-200039/3
Matrix: Water
Analysis Batch: 200039

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Xylenes, Total			100	115.0		ug/L		115	75 - 125		
m,p-Xylenes			0.0500	0.05721		mg/L		114	75 - 125		
o-Xylene			0.0500	0.05777		mg/L		116	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*103*		*75 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 860-200039/4
Matrix: Water
Analysis Batch: 200039

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	54.92		ug/L		110	72 - 125	7	25
1,1,1-Trichloroethane			50.0	54.68		ug/L		109	70 - 130	5	25
1,1,2,2-Tetrachloroethane			50.0	50.08		ug/L		100	74 - 125	3	25
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	55.72		ug/L		111	60 - 140	8	25
1,1,2-Trichloroethane			50.0	53.34		ug/L		107	75 - 130	4	25
1,1-Dichloroethane			50.0	54.25		ug/L		108	71 - 130	5	25
1,1-Dichloroethene			50.0	56.16		ug/L		112	50 - 150	5	25
1,2,3-Trichloropropane			50.0	52.64		ug/L		105	75 - 125	2	25
1,2,4-Trimethylbenzene			50.0	55.28		ug/L		111	75 - 125	3	25
1,2-Dibromo-3-Chloropropane			50.0	54.21		ug/L		108	59 - 125	0	25
1,2-Dibromoethane			50.0	54.36		ug/L		109	73 - 125	2	25
1,2-Dichloroethane			50.0	49.86		ug/L		100	72 - 130	3	25
1,2-Dichloropropane			50.0	54.09		ug/L		108	74 - 125	4	25
1,3,5-Trimethylbenzene			50.0	55.20		ug/L		110	60 - 140	2	25
1,3-Butadiene			50.0	53.10		ug/L		106	60 - 150	7	25
2,2,4-Trimethylpentane			50.0	53.78		ug/L		108	70 - 130	6	25
2-Butanone (MEK)			250	282.5		ug/L		113	60 - 140	6	25
2-Hexanone (MBK)			250	261.8		ug/L		105	60 - 140	4	25
2-Propanol			500	570.7		ug/L		114	70 - 120	19	25
3-Chloropropene (Allyl Chloride)			50.0	56.89		ug/L		114	70 - 130	8	25
4-Methyl-2-pentanone			250	257.8		ug/L		103	60 - 140	3	25
Acetone			250	240.6		ug/L		96	60 - 140	5	25
Acetonitrile			500	557.4		ug/L		111	60 - 140	1	25
Acrolein			250	229.3		ug/L		92	60 - 140	2	25
Acrylonitrile			500	521.1		ug/L		104	60 - 140	4	25
alpha-Chlorotoluene			50.0	52.08		ug/L		104	75 - 125	2	25
Benzene			50.0	53.08		ug/L		106	75 - 125	4	25
Bromodichloromethane			50.0	55.13		ug/L		110	75 - 125	5	25
Bromoform			50.0	46.62		ug/L		93	70 - 130	5	25
Bromomethane			50.0	44.53		ug/L		89	60 - 140	7	25
Carbon disulfide			50.0	55.01		ug/L		110	60 - 140	5	25
Carbon tetrachloride			50.0	55.19		ug/L		110	70 - 125	6	25
Chlorobenzene			50.0	51.97		ug/L		104	82 - 135	4	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-200039/4
Matrix: Water
Analysis Batch: 200039

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorodibromomethane			50.0	52.65		ug/L		105	73 - 125	5	25
Chloroethane			50.0	50.10		ug/L		100	60 - 140	6	25
Chloroform			50.0	53.49		ug/L		107	70 - 121	4	25
Chloromethane			50.0	47.99		ug/L		96	60 - 140	7	25
Chloroprene			50.0	58.66		ug/L		117	70 - 130	5	25
cis-1,2-Dichloroethene			50.0	54.54		ug/L		109	75 - 125	5	25
cis-1,3-Dichloropropene			50.0	57.69		ug/L		115	74 - 125	4	25
Cumene (isopropylbenzene)			50.0	56.86		ug/L		114	75 - 125	4	25
Cyclohexane			50.0	50.78		ug/L		102	70 - 130	6	25
Dibromomethane			50.0	51.75		ug/L		104	69 - 127	3	25
Dichlorodifluoromethane			50.0	38.74		ug/L		77	50 - 150	8	25
Ethyl methacrylate			50.0	55.60		ug/L		111	70 - 130	4	25
Ethylbenzene			50.0	54.07		ug/L		108	75 - 125	4	25
Hexane			50.0	56.14		ug/L		112	72 - 125	6	25
Isobutanol			1240	1385		ug/L		112	60 - 140	3	25
Methacrylonitrile			500	568.5		ug/L		114	70 - 130	5	25
Methyl methacrylate			100	105.9		ug/L		106	70 - 130	4	25
Methyl tert-butyl ether			50.0	55.74		ug/L		111	65 - 135	5	25
Methylene Chloride			50.0	48.88		ug/L		98	71 - 125	5	25
Propionitrile			500	501.9		ug/L		100	70 - 130	5	25
Propylbenzene			50.0	55.17		ug/L		110	75 - 125	2	25
Styrene			50.0	56.93		ug/L		114	75 - 125	4	25
Tetrachloroethene			50.0	53.27		ug/L		107	71 - 125	3	25
Tetrahydrofuran			100	109.5		ug/L		110	75 - 125	3	25
Toluene			50.0	52.63		ug/L		105	75 - 130	3	25
trans-1,2-Dichloroethene			50.0	54.95		ug/L		110	75 - 125	5	25
trans-1,3-Dichloropropene			50.0	54.99		ug/L		110	66 - 125	5	25
trans-1,4-Dichloro-2-butene			50.0	55.39		ug/L		111	70 - 130	2	25
Trichloroethene			50.0	55.07		ug/L		110	75 - 135	4	25
Trichlorofluoromethane			50.0	58.17		ug/L		116	60 - 140	7	25
Vinyl chloride			50.0	52.18		ug/L		104	60 - 140	7	25
Xylenes, Total			100	110.1		ug/L		110	75 - 125	4	25
m,p-Xylenes			0.0500	0.05448		mg/L		109	75 - 125	5	25
o-Xylene			0.0500	0.05561		mg/L		111	75 - 125	4	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*102*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: MB 860-200299/9
Matrix: Water
Analysis Batch: 200299

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/18/24 10:17	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/18/24 10:17	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-200299/9
Matrix: Water
Analysis Batch: 200299

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/18/24 10:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/18/24 10:17	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/18/24 10:17	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/18/24 10:17	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/18/24 10:17	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/18/24 10:17	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/18/24 10:17	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/18/24 10:17	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/18/24 10:17	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/18/24 10:17	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/18/24 10:17	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/18/24 10:17	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/18/24 10:17	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/18/24 10:17	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/18/24 10:17	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/18/24 10:17	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/18/24 10:17	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/18/24 10:17	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/18/24 10:17	1
Acetone	<3.07	U	100	3.07	ug/L			11/18/24 10:17	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/18/24 10:17	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/18/24 10:17	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/18/24 10:17	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/18/24 10:17	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/18/24 10:17	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/18/24 10:17	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/18/24 10:17	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/18/24 10:17	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/18/24 10:17	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/18/24 10:17	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/18/24 10:17	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/18/24 10:17	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/18/24 10:17	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/18/24 10:17	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/18/24 10:17	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/18/24 10:17	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/18/24 10:17	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/18/24 10:17	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/18/24 10:17	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/18/24 10:17	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/18/24 10:17	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/18/24 10:17	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/18/24 10:17	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/18/24 10:17	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/18/24 10:17	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/18/24 10:17	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/18/24 10:17	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/18/24 10:17	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/18/24 10:17	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-200299/9
Matrix: Water
Analysis Batch: 200299

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/18/24 10:17	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/18/24 10:17	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/18/24 10:17	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/18/24 10:17	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/18/24 10:17	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/18/24 10:17	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/18/24 10:17	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/18/24 10:17	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/18/24 10:17	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/18/24 10:17	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/18/24 10:17	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/18/24 10:17	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/18/24 10:17	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/18/24 10:17	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/18/24 10:17	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/18/24 10:17	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/18/24 10:17	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/18/24 10:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*63 - 144*		*11/18/24 10:17*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*11/18/24 10:17*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 131*		*11/18/24 10:17*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/18/24 10:17*	*1*

Lab Sample ID: LCS 860-200299/3
Matrix: Water
Analysis Batch: 200299

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	44.92		ug/L		90	72 - 125
1,1,1-Trichloroethane	50.0	51.87		ug/L		104	70 - 130
1,1,2,2-Tetrachloroethane	50.0	49.23		ug/L		98	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	53.90		ug/L		108	60 - 140
1,1,2-Trichloroethane	50.0	46.24		ug/L		92	75 - 130
1,1-Dichloroethane	50.0	52.13		ug/L		104	71 - 130
1,1-Dichloroethene	50.0	55.39		ug/L		111	50 - 150
1,2,3-Trichloropropane	50.0	47.95		ug/L		96	75 - 125
1,2,4-Trimethylbenzene	50.0	49.01		ug/L		98	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	43.06		ug/L		86	59 - 125
1,2-Dibromoethane	50.0	45.97		ug/L		92	73 - 125
1,2-Dichloroethane	50.0	49.89		ug/L		100	72 - 130
1,2-Dichloropropane	50.0	49.41		ug/L		99	74 - 125
1,3,5-Trimethylbenzene	50.0	47.55		ug/L		95	60 - 140
1,3-Butadiene	50.0	52.41		ug/L		105	60 - 150
2,2,4-Trimethylpentane	50.0	51.45		ug/L		103	70 - 130
2-Butanone (MEK)	250	254.8		ug/L		102	60 - 140
2-Hexanone (MBK)	250	256.6		ug/L		103	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-200299/3
Matrix: Water
Analysis Batch: 200299

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Propanol	500	473.6		ug/L		95	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	40.52		ug/L		81	70 - 130
4-Methyl-2-pentanone	250	257.4		ug/L		103	60 - 140
Acetone	250	253.6		ug/L		101	60 - 140
Acetonitrile	500	479.0		ug/L		96	60 - 140
Acrolein	250	255.3		ug/L		102	60 - 140
Acrylonitrile	500	499.1		ug/L		100	60 - 140
alpha-Chlorotoluene	50.0	49.21		ug/L		98	75 - 125
Benzene	50.0	48.32		ug/L		97	75 - 125
Bromodichloromethane	50.0	49.39		ug/L		99	75 - 125
Bromoform	50.0	44.50		ug/L		89	70 - 130
Bromomethane	50.0	50.74		ug/L		101	60 - 140
Carbon disulfide	50.0	47.06		ug/L		94	60 - 140
Carbon tetrachloride	50.0	48.52		ug/L		97	70 - 125
Chlorobenzene	50.0	46.06		ug/L		92	82 - 135
Chlorodibromomethane	50.0	45.37		ug/L		91	73 - 125
Chloroethane	50.0	53.22		ug/L		106	60 - 140
Chloroform	50.0	51.13		ug/L		102	70 - 121
Chloromethane	50.0	46.62		ug/L		93	60 - 140
Chloroprene	50.0	52.49		ug/L		105	70 - 130
cis-1,2-Dichloroethene	50.0	51.30		ug/L		103	75 - 125
cis-1,3-Dichloropropene	50.0	49.37		ug/L		99	74 - 125
Cumene (isopropylbenzene)	50.0	47.70		ug/L		95	75 - 125
Cyclohexane	50.0	49.41		ug/L		99	70 - 130
Dibromomethane	50.0	49.18		ug/L		98	69 - 127
Dichlorodifluoromethane	50.0	41.95		ug/L		84	50 - 150
Ethyl methacrylate	50.0	46.50		ug/L		93	70 - 130
Ethylbenzene	50.0	46.99		ug/L		94	75 - 125
Hexane	50.0	51.94		ug/L		104	72 - 125
Iodomethane	50.0	44.66		ug/L		89	75 - 125
Isobutanol	1240	1246		ug/L		101	60 - 140
Methacrylonitrile	500	497.1		ug/L		99	70 - 130
Methyl methacrylate	100	96.78		ug/L		97	70 - 130
Methyl tert-butyl ether	50.0	50.19		ug/L		100	65 - 135
Methylene Chloride	50.0	45.03		ug/L		90	71 - 125
Propionitrile	500	496.9		ug/L		99	70 - 130
Propylbenzene	50.0	49.96		ug/L		100	75 - 125
Styrene	50.0	47.56		ug/L		95	75 - 125
Tetrachloroethene	50.0	46.02		ug/L		92	71 - 125
Tetrahydrofuran	100	101.5		ug/L		102	75 - 125
Toluene	50.0	45.70		ug/L		91	75 - 130
trans-1,2-Dichloroethene	50.0	49.78		ug/L		100	75 - 125
trans-1,3-Dichloropropene	50.0	47.30		ug/L		95	66 - 125
trans-1,4-Dichloro-2-butene	50.0	53.73		ug/L		107	70 - 130
Trichloroethene	50.0	46.28		ug/L		93	75 - 135
Trichlorofluoromethane	50.0	55.87		ug/L		112	60 - 140
Vinyl acetate	250	274.8		ug/L		110	60 - 140
Vinyl chloride	50.0	51.69		ug/L		103	60 - 140
Xylenes, Total	100	92.92		ug/L		93	75 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-200299/3
Matrix: Water
Analysis Batch: 200299

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
m,p-Xylenes			0.0500	0.04664		mg/L		93	75 - 125		
o-Xylene			0.0500	0.04628		mg/L		93	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*104*		*75 - 131*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 860-200299/4
Matrix: Water
Analysis Batch: 200299

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	46.20		ug/L		92	72 - 125	3	25
1,1,1-Trichloroethane			50.0	50.22		ug/L		100	70 - 130	3	25
1,1,2,2-Tetrachloroethane			50.0	49.97		ug/L		100	74 - 125	1	25
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	51.60		ug/L		103	60 - 140	4	25
1,1,2-Trichloroethane			50.0	46.70		ug/L		93	75 - 130	1	25
1,1-Dichloroethane			50.0	50.57		ug/L		101	71 - 130	3	25
1,1-Dichloroethene			50.0	54.62		ug/L		109	50 - 150	1	25
1,2,3-Trichloropropane			50.0	48.12		ug/L		96	75 - 125	0	25
1,2,4-Trimethylbenzene			50.0	48.17		ug/L		96	75 - 125	2	25
1,2-Dibromo-3-Chloropropane			50.0	43.93		ug/L		88	59 - 125	2	25
1,2-Dibromoethane			50.0	46.66		ug/L		93	73 - 125	1	25
1,2-Dichloroethane			50.0	48.33		ug/L		97	72 - 130	3	25
1,2-Dichloropropane			50.0	47.26		ug/L		95	74 - 125	4	25
1,3,5-Trimethylbenzene			50.0	47.34		ug/L		95	60 - 140	0	25
1,3-Butadiene			50.0	49.56		ug/L		99	60 - 150	6	25
2,2,4-Trimethylpentane			50.0	48.21		ug/L		96	70 - 130	7	25
2-Butanone (MEK)			250	258.7		ug/L		103	60 - 140	2	25
2-Hexanone (MBK)			250	260.7		ug/L		104	60 - 140	2	25
2-Propanol			500	506.7		ug/L		101	70 - 120	7	25
3-Chloropropene (Allyl Chloride)			50.0	41.62		ug/L		83	70 - 130	3	25
4-Methyl-2-pentanone			250	253.4		ug/L		101	60 - 140	2	25
Acetone			250	250.1		ug/L		100	60 - 140	1	25
Acetonitrile			500	474.8		ug/L		95	60 - 140	1	25
Acrolein			250	266.9		ug/L		107	60 - 140	4	25
Acrylonitrile			500	490.2		ug/L		98	60 - 140	2	25
alpha-Chlorotoluene			50.0	48.30		ug/L		97	75 - 125	2	25
Benzene			50.0	46.15		ug/L		92	75 - 125	5	25
Bromodichloromethane			50.0	47.96		ug/L		96	75 - 125	3	25
Bromoform			50.0	44.76		ug/L		90	70 - 130	1	25
Bromomethane			50.0	48.04		ug/L		96	60 - 140	5	25
Carbon disulfide			50.0	45.75		ug/L		91	60 - 140	3	25
Carbon tetrachloride			50.0	47.14		ug/L		94	70 - 125	3	25
Chlorobenzene			50.0	45.64		ug/L		91	82 - 135	1	25
Chlorodibromomethane			50.0	46.36		ug/L		93	73 - 125	2	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-200299/4
Matrix: Water
Analysis Batch: 200299

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloroethane	50.0	50.10		ug/L		100	60 - 140	6	25
Chloroform	50.0	49.76		ug/L		100	70 - 121	3	25
Chloromethane	50.0	43.89		ug/L		88	60 - 140	6	25
Chloroprene	50.0	51.01		ug/L		102	70 - 130	3	25
cis-1,2-Dichloroethene	50.0	49.64		ug/L		99	75 - 125	3	25
cis-1,3-Dichloropropene	50.0	47.58		ug/L		95	74 - 125	4	25
Cumene (isopropylbenzene)	50.0	46.35		ug/L		93	75 - 125	3	25
Cyclohexane	50.0	47.58		ug/L		95	70 - 130	4	25
Dibromomethane	50.0	48.02		ug/L		96	69 - 127	2	25
Dichlorodifluoromethane	50.0	41.23		ug/L		82	50 - 150	2	25
Ethyl methacrylate	50.0	47.90		ug/L		96	70 - 130	3	25
Ethylbenzene	50.0	46.72		ug/L		93	75 - 125	1	25
Hexane	50.0	49.26		ug/L		99	72 - 125	5	25
Iodomethane	50.0	43.59		ug/L		87	75 - 125	2	25
Isobutanol	1240	1253		ug/L		101	60 - 140	1	25
Methacrylonitrile	500	505.8		ug/L		101	70 - 130	2	25
Methyl methacrylate	100	96.54		ug/L		97	70 - 130	0	25
Methyl tert-butyl ether	50.0	50.94		ug/L		102	65 - 135	1	25
Methylene Chloride	50.0	45.00		ug/L		90	71 - 125	0	25
Propionitrile	500	497.8		ug/L		100	70 - 130	0	25
Propylbenzene	50.0	48.96		ug/L		98	75 - 125	2	25
Styrene	50.0	46.90		ug/L		94	75 - 125	1	25
Tetrachloroethene	50.0	44.86		ug/L		90	71 - 125	3	25
Tetrahydrofuran	100	102.3		ug/L		102	75 - 125	1	25
Toluene	50.0	45.46		ug/L		91	75 - 130	1	25
trans-1,2-Dichloroethene	50.0	47.52		ug/L		95	75 - 125	5	25
trans-1,3-Dichloropropene	50.0	47.31		ug/L		95	66 - 125	0	25
trans-1,4-Dichloro-2-butene	50.0	54.53		ug/L		109	70 - 130	1	25
Trichloroethene	50.0	45.06		ug/L		90	75 - 135	3	25
Trichlorofluoromethane	50.0	53.38		ug/L		107	60 - 140	5	25
Vinyl acetate	250	269.1		ug/L		108	60 - 140	2	25
Vinyl chloride	50.0	47.90		ug/L		96	60 - 140	8	25
Xylenes, Total	100	92.02		ug/L		92	75 - 125	1	25
m,p-Xylenes	0.0500	0.04600		mg/L		92	75 - 125	1	25
o-Xylene	0.0500	0.04602		mg/L		92	75 - 125	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*104*		*75 - 131*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 820-16177-B-3 MS
Matrix: Water
Analysis Batch: 200299

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.644	U	50.0	48.55		ug/L		97	72 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 820-16177-B-3 MS
Matrix: Water
Analysis Batch: 200299

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	<0.585	U	50.0	51.85		ug/L		104	75 - 125
1,1,2,2-Tetrachloroethane	<0.470	U	50.0	49.63		ug/L		99	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	50.0	51.39		ug/L		103	60 - 140
1,1,2-Trichloroethane	<0.411	U	50.0	47.73		ug/L		95	75 - 127
1,1-Dichloroethane	<0.635	U	50.0	52.04		ug/L		104	72 - 125
1,1-Dichloroethene	<0.738	U	50.0	55.08		ug/L		110	59 - 172
1,2,3-Trichloropropane	<0.470	U	50.0	46.89		ug/L		94	75 - 125
1,2,4-Trimethylbenzene	<0.417	U	50.0	49.90		ug/L		100	75 - 125
1,2-Dibromo-3-Chloropropane	<0.671	U	50.0	43.60		ug/L		87	59 - 125
1,2-Dibromoethane	<0.999	U	50.0	47.85		ug/L		96	73 - 125
1,2-Dichloroethane	<0.372	U	50.0	49.40		ug/L		99	68 - 127
1,2-Dichloropropane	<0.556	U	50.0	49.41		ug/L		99	74 - 125
1,3,5-Trimethylbenzene	<0.411	U	50.0	48.87		ug/L		98	70 - 125
1,3-Butadiene	<0.568	U	50.0	63.15		ug/L		126	70 - 150
2,2,4-Trimethylpentane	<0.500	U	50.0	46.33		ug/L		93	70 - 130
2-Butanone (MEK)	<8.28	U	250	254.8		ug/L		102	60 - 140
2-Hexanone (MBK)	<5.00	U	250	260.9		ug/L		104	60 - 140
2-Propanol	<5.23	U	500	491.7		ug/L		98	70 - 120
3-Chloropropene (Allyl Chloride)	<0.597	U	50.0	41.07		ug/L		82	70 - 130
4-Methyl-2-pentanone	<5.00	U	250	260.3		ug/L		104	60 - 140
Acetone	<3.07	U	250	239.7		ug/L		96	60 - 140
Acetonitrile	<14.6	U	500	469.2		ug/L		94	60 - 140
Acrolein	<11.1	U	250	273.0		ug/L		109	50 - 150
Acrylonitrile	<14.3	U	500	487.9		ug/L		98	50 - 150
alpha-Chlorotoluene	<2.26	U	50.0	48.17		ug/L		96	70 - 130
Benzene	<0.460	U	50.0	48.24		ug/L		96	66 - 142
Bromodichloromethane	<0.552	U	50.0	49.89		ug/L		100	75 - 125
Bromoform	<0.633	U	50.0	46.21		ug/L		92	75 - 125
Bromomethane	<1.42	U	50.0	53.66		ug/L		107	60 - 140
Carbon disulfide	<1.65	U	50.0	44.43		ug/L		89	60 - 140
Carbon tetrachloride	<0.896	U	50.0	49.89		ug/L		100	62 - 125
Chlorobenzene	<0.455	U	50.0	47.48		ug/L		95	60 - 133
Chlorodibromomethane	<0.547	U	50.0	47.88		ug/L		96	73 - 125
Chloroethane	<1.98	U	50.0	56.62		ug/L		113	60 - 140
Chloroform	<0.464	U	50.0	52.32		ug/L		105	70 - 130
Chloromethane	<2.04	U	50.0	58.54		ug/L		117	60 - 140
Chloroprene	<0.598	U	50.0	54.18		ug/L		108	70 - 130
cis-1,2-Dichloroethene	<0.457	U	50.0	51.73		ug/L		103	75 - 125
cis-1,3-Dichloropropene	<1.07	U	50.0	49.55		ug/L		99	74 - 125
Cumene (isopropylbenzene)	<0.592	U	50.0	49.97		ug/L		100	75 - 125
Cyclohexane	<1.29	U	50.0	46.99		ug/L		94	70 - 130
Dibromomethane	<0.357	U	50.0	48.46		ug/L		97	69 - 127
Dichlorodifluoromethane	<0.785	U F1	50.0	74.03	F1	ug/L		148	70 - 130
Ethyl methacrylate	<1.12	U	50.0	48.15		ug/L		96	70 - 130
Ethylbenzene	<0.385	U	50.0	49.91		ug/L		100	75 - 125
Hexane	<0.517	U	50.0	44.39		ug/L		89	72 - 125
Iodomethane	<5.00	U	50.0	46.58		ug/L		93	75 - 125
Isobutanol	<17.1	U	1240	1220		ug/L		98	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 820-16177-B-3 MS
Matrix: Water
Analysis Batch: 200299

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Methacrylonitrile	<2.72	U	500	505.8		ug/L		101	70 - 130
Methyl methacrylate	<2.25	U	100	96.93		ug/L		97	70 - 130
Methyl tert-butyl ether	<1.39	U	50.0	51.82		ug/L		104	65 - 135
Methylene Chloride	<1.73	U	50.0	44.42		ug/L		89	75 - 125
Propionitrile	<3.34	U	500	491.6		ug/L		98	70 - 130
Propylbenzene	<0.429	U	50.0	51.08		ug/L		102	75 - 125
Styrene	<0.619	U	50.0	50.08		ug/L		100	75 - 125
Tetrachloroethene	<0.655	U	50.0	47.10		ug/L		94	71 - 125
Tetrahydrofuran	<1.83	U	100	99.42		ug/L		99	75 - 125
Toluene	<0.475	U	50.0	48.81		ug/L		98	59 - 139
trans-1,2-Dichloroethene	<0.368	U	50.0	50.45		ug/L		101	75 - 125
trans-1,3-Dichloropropene	<1.27	U	50.0	49.11		ug/L		98	66 - 125
trans-1,4-Dichloro-2-butene	<1.35	U	50.0	54.10		ug/L		108	70 - 130
Trichloroethene	<1.50	U	50.0	47.01		ug/L		94	62 - 137
Trichlorofluoromethane	<0.560	U	50.0	57.37		ug/L		115	60 - 140
Vinyl acetate	<2.14	U	250	279.9		ug/L		112	60 - 140
Vinyl chloride	<0.428	U	50.0	60.80		ug/L		122	60 - 140
Xylenes, Total	<1.24	U	100	98.47		ug/L		98	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.04909		mg/L		98	75 - 125
o-Xylene	<0.000502	U	0.0500	0.04938		mg/L		99	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*106*		*75 - 131*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 860-200483/18
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/18/24 22:42	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/18/24 22:42	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/18/24 22:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/18/24 22:42	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/18/24 22:42	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/18/24 22:42	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/18/24 22:42	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/18/24 22:42	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/18/24 22:42	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/18/24 22:42	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/18/24 22:42	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/18/24 22:42	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/18/24 22:42	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/18/24 22:42	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/18/24 22:42	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/18/24 22:42	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-200483/18
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/18/24 22:42	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/18/24 22:42	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/18/24 22:42	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/18/24 22:42	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/18/24 22:42	1
Acetone	<3.07	U	100	3.07	ug/L			11/18/24 22:42	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/18/24 22:42	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/18/24 22:42	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/18/24 22:42	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/18/24 22:42	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/18/24 22:42	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/18/24 22:42	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/18/24 22:42	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/18/24 22:42	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/18/24 22:42	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/18/24 22:42	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/18/24 22:42	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/18/24 22:42	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/18/24 22:42	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/18/24 22:42	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/18/24 22:42	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/18/24 22:42	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/18/24 22:42	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/18/24 22:42	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/18/24 22:42	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/18/24 22:42	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/18/24 22:42	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/18/24 22:42	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/18/24 22:42	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/18/24 22:42	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/18/24 22:42	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/18/24 22:42	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/18/24 22:42	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/18/24 22:42	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/18/24 22:42	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/18/24 22:42	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/18/24 22:42	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/18/24 22:42	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/18/24 22:42	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/18/24 22:42	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/18/24 22:42	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/18/24 22:42	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/18/24 22:42	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/18/24 22:42	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/18/24 22:42	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/18/24 22:42	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/18/24 22:42	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/18/24 22:42	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/18/24 22:42	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-200483/18
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/18/24 22:42	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/18/24 22:42	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/18/24 22:42	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/18/24 22:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*11/18/24 22:42*	*1*
4-Bromofluorobenzene (Surr)	*92*		*74 - 124*		*11/18/24 22:42*	*1*
Dibromofluoromethane (Surr)	*89*		*75 - 131*		*11/18/24 22:42*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/18/24 22:42*	*1*

Lab Sample ID: LCS 860-200483/1011
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	57.59		ug/L		115	72 - 125
1,1,1-Trichloroethane	50.0	54.85		ug/L		110	70 - 130
1,1,2,2-Tetrachloroethane	50.0	47.67		ug/L		95	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.54		ug/L		93	60 - 140
1,1,2-Trichloroethane	50.0	52.96		ug/L		106	75 - 130
1,1-Dichloroethane	50.0	47.76		ug/L		96	71 - 130
1,1-Dichloroethene	50.0	52.29		ug/L		105	50 - 150
1,2,3-Trichloropropane	50.0	49.49		ug/L		99	75 - 125
1,2,4-Trimethylbenzene	50.0	55.36		ug/L		111	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	55.47		ug/L		111	59 - 125
1,2-Dibromoethane	50.0	54.25		ug/L		108	73 - 125
1,2-Dichloroethane	50.0	53.40		ug/L		107	72 - 130
1,2-Dichloropropane	50.0	50.92		ug/L		102	74 - 125
1,3,5-Trimethylbenzene	50.0	54.00		ug/L		108	60 - 140
1,3-Butadiene	50.0	38.28		ug/L		77	60 - 150
2,2,4-Trimethylpentane	50.0	45.68		ug/L		91	70 - 130
2-Butanone (MEK)	250	261.3		ug/L		105	60 - 140
2-Hexanone (MBK)	250	250.7		ug/L		100	60 - 140
2-Propanol	500	601.2		ug/L		120	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	53.94		ug/L		108	70 - 130
4-Methyl-2-pentanone	250	242.1		ug/L		97	60 - 140
Acetone	250	230.8		ug/L		92	60 - 140
Acetonitrile	500	532.7		ug/L		107	60 - 140
Acrolein	250	226.9		ug/L		91	60 - 140
Acrylonitrile	500	516.8		ug/L		103	60 - 140
alpha-Chlorotoluene	50.0	52.31		ug/L		105	75 - 125
Benzene	50.0	54.11		ug/L		108	75 - 125
Bromodichloromethane	50.0	54.62		ug/L		109	75 - 125
Bromoform	50.0	58.70		ug/L		117	70 - 130
Bromomethane	50.0	49.95		ug/L		100	60 - 140
Carbon disulfide	50.0	58.70		ug/L		117	60 - 140
Carbon tetrachloride	50.0	53.81		ug/L		108	70 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-200483/1011
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	50.0	55.06		ug/L		110	82 - 135
Chlorodibromomethane	50.0	55.49		ug/L		111	73 - 125
Chloroethane	50.0	40.90		ug/L		82	60 - 140
Chloroform	50.0	52.55		ug/L		105	70 - 121
Chloromethane	50.0	45.04		ug/L		90	60 - 140
Chloroprene	50.0	51.98		ug/L		104	70 - 130
cis-1,2-Dichloroethene	50.0	52.43		ug/L		105	75 - 125
cis-1,3-Dichloropropene	50.0	54.77		ug/L		110	74 - 125
Cumene (isopropylbenzene)	50.0	57.93		ug/L		116	75 - 125
Cyclohexane	50.0	45.56		ug/L		91	70 - 130
Dibromomethane	50.0	53.54		ug/L		107	69 - 127
Dichlorodifluoromethane	50.0	49.62		ug/L		99	50 - 150
Ethyl methacrylate	50.0	53.88		ug/L		108	70 - 130
Ethylbenzene	50.0	55.11		ug/L		110	75 - 125
Hexane	50.0	50.39		ug/L		101	72 - 125
Iodomethane	50.0	42.21		ug/L		84	75 - 125
Isobutanol	1240	1288		ug/L		104	60 - 140
Methacrylonitrile	500	491.2		ug/L		98	70 - 130
Methyl methacrylate	100	105.5		ug/L		106	70 - 130
Methyl tert-butyl ether	50.0	54.70		ug/L		109	65 - 135
Methylene Chloride	50.0	52.17		ug/L		104	71 - 125
Propionitrile	500	485.6		ug/L		97	70 - 130
Propylbenzene	50.0	53.15		ug/L		106	75 - 125
Styrene	50.0	52.73		ug/L		105	75 - 125
Tetrachloroethene	50.0	59.63		ug/L		119	71 - 125
Tetrahydrofuran	100	87.59		ug/L		88	75 - 125
Toluene	50.0	55.04		ug/L		110	75 - 130
trans-1,2-Dichloroethene	50.0	55.71		ug/L		111	75 - 125
trans-1,3-Dichloropropene	50.0	54.18		ug/L		108	66 - 125
trans-1,4-Dichloro-2-butene	50.0	50.83		ug/L		102	70 - 130
Trichloroethene	50.0	59.51		ug/L		119	75 - 135
Trichlorofluoromethane	50.0	44.46		ug/L		89	60 - 140
Vinyl acetate	250	213.0		ug/L		85	60 - 140
Vinyl chloride	50.0	39.10		ug/L		78	60 - 140
Xylenes, Total	100	111.2		ug/L		111	75 - 125
m,p-Xylenes	0.0500	0.05558		mg/L		111	75 - 125
o-Xylene	0.0500	0.05561		mg/L		111	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*
Dibromofluoromethane (Surr)	*93*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-200483/12
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	53.37		ug/L		107	72 - 125	8	25
1,1,1-Trichloroethane			50.0	50.45		ug/L		101	70 - 130	8	25
1,1,2,2-Tetrachloroethane			50.0	45.11		ug/L		90	74 - 125	6	25
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	42.47		ug/L		85	60 - 140	9	25
1,1,2-Trichloroethane			50.0	48.78		ug/L		98	75 - 130	8	25
1,1-Dichloroethane			50.0	41.73		ug/L		83	71 - 130	13	25
1,1-Dichloroethene			50.0	48.28		ug/L		97	50 - 150	8	25
1,2,3-Trichloropropane			50.0	45.86		ug/L		92	75 - 125	8	25
1,2,4-Trimethylbenzene			50.0	49.92		ug/L		100	75 - 125	10	25
1,2-Dibromo-3-Chloropropane			50.0	52.76		ug/L		106	59 - 125	5	25
1,2-Dibromoethane			50.0	51.77		ug/L		104	73 - 125	5	25
1,2-Dichloroethane			50.0	51.88		ug/L		104	72 - 130	3	25
1,2-Dichloropropane			50.0	47.87		ug/L		96	74 - 125	6	25
1,3,5-Trimethylbenzene			50.0	48.74		ug/L		97	60 - 140	10	25
1,3-Butadiene			50.0	37.63		ug/L		75	60 - 150	2	25
2,2,4-Trimethylpentane			50.0	42.34		ug/L		85	70 - 130	8	25
2-Butanone (MEK)			250	254.7		ug/L		102	60 - 140	3	25
2-Hexanone (MBK)			250	242.8		ug/L		97	60 - 140	3	25
2-Propanol			500	600.2		ug/L		120	70 - 120	0	25
3-Chloropropene (Allyl Chloride)			50.0	50.94		ug/L		102	70 - 130	6	25
4-Methyl-2-pentanone			250	236.0		ug/L		94	60 - 140	3	25
Acetone			250	236.7		ug/L		95	60 - 140	3	25
Acetonitrile			500	537.5		ug/L		107	60 - 140	1	25
Acrolein			250	232.9		ug/L		93	60 - 140	3	25
Acrylonitrile			500	499.1		ug/L		100	60 - 140	3	25
alpha-Chlorotoluene			50.0	48.70		ug/L		97	75 - 125	7	25
Benzene			50.0	49.57		ug/L		99	75 - 125	9	25
Bromodichloromethane			50.0	51.77		ug/L		104	75 - 125	5	25
Bromoform			50.0	57.10		ug/L		114	70 - 130	3	25
Bromomethane			50.0	47.89		ug/L		96	60 - 140	4	25
Carbon disulfide			50.0	54.13		ug/L		108	60 - 140	8	25
Carbon tetrachloride			50.0	49.95		ug/L		100	70 - 125	7	25
Chlorobenzene			50.0	50.20		ug/L		100	82 - 135	9	25
Chlorodibromomethane			50.0	52.19		ug/L		104	73 - 125	6	25
Chloroethane			50.0	43.36		ug/L		87	60 - 140	6	25
Chloroform			50.0	48.76		ug/L		98	70 - 121	7	25
Chloromethane			50.0	45.01		ug/L		90	60 - 140	0	25
Chloroprene			50.0	45.69		ug/L		91	70 - 130	13	25
cis-1,2-Dichloroethene			50.0	47.61		ug/L		95	75 - 125	10	25
cis-1,3-Dichloropropene			50.0	50.68		ug/L		101	74 - 125	8	25
Cumene (isopropylbenzene)			50.0	51.97		ug/L		104	75 - 125	11	25
Cyclohexane			50.0	39.83		ug/L		80	70 - 130	13	25
Dibromomethane			50.0	51.78		ug/L		104	69 - 127	3	25
Dichlorodifluoromethane			50.0	47.13		ug/L		94	50 - 150	5	25
Ethyl methacrylate			50.0	50.73		ug/L		101	70 - 130	6	25
Ethylbenzene			50.0	49.82		ug/L		100	75 - 125	10	25
Hexane			50.0	45.00		ug/L		90	72 - 125	11	25
Iodomethane			50.0	46.09		ug/L		92	75 - 125	9	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-200483/12
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isobutanol	1240	1266		ug/L		102	60 - 140	2	25
Methacrylonitrile	500	487.1		ug/L		97	70 - 130	1	25
Methyl methacrylate	100	105.6		ug/L		106	70 - 130	0	25
Methyl tert-butyl ether	50.0	50.99		ug/L		102	65 - 135	7	25
Methylene Chloride	50.0	49.87		ug/L		100	71 - 125	4	25
Propionitrile	500	474.4		ug/L		95	70 - 130	2	25
Propylbenzene	50.0	47.37		ug/L		95	75 - 125	11	25
Styrene	50.0	47.59		ug/L		95	75 - 125	10	25
Tetrachloroethene	50.0	54.40		ug/L		109	71 - 125	9	25
Tetrahydrofuran	100	87.44		ug/L		87	75 - 125	0	25
Toluene	50.0	49.61		ug/L		99	75 - 130	10	25
trans-1,2-Dichloroethene	50.0	48.79		ug/L		98	75 - 125	13	25
trans-1,3-Dichloropropene	50.0	50.86		ug/L		102	66 - 125	6	25
trans-1,4-Dichloro-2-butene	50.0	50.03		ug/L		100	70 - 130	2	25
Trichloroethene	50.0	54.99		ug/L		110	75 - 135	8	25
Trichlorofluoromethane	50.0	44.16		ug/L		88	60 - 140	1	25
Vinyl acetate	250	203.8		ug/L		82	60 - 140	4	25
Vinyl chloride	50.0	39.59		ug/L		79	60 - 140	1	25
Xylenes, Total	100	101.4		ug/L		101	75 - 125	9	25
m,p-Xylenes	0.0500	0.05043		mg/L		101	75 - 125	10	25
o-Xylene	0.0500	0.05100		mg/L		102	75 - 125	9	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*
4-Bromofluorobenzene (Surr)	*93*		*74 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 131*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: 860-86937-6 MS
Matrix: Water
Analysis Batch: 200483

Client Sample ID: MW-18
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.644	U	50.0	58.01		ug/L		116	72 - 125
1,1,1-Trichloroethane	<0.585	U	50.0	56.06		ug/L		112	75 - 125
1,1,2,2-Tetrachloroethane	<0.470	U	50.0	47.56		ug/L		95	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	50.0	52.19		ug/L		104	60 - 140
1,1,2-Trichloroethane	<0.411	U	50.0	53.03		ug/L		106	75 - 127
1,1-Dichloroethane	<0.635	U	50.0	44.14		ug/L		88	72 - 125
1,1-Dichloroethene	<0.738	U	50.0	54.15		ug/L		108	59 - 172
1,2,3-Trichloropropane	<0.470	U	50.0	46.67		ug/L		93	75 - 125
1,2,4-Trimethylbenzene	<0.417	U	50.0	57.13		ug/L		114	75 - 125
1,2-Dibromo-3-Chloropropane	<0.671	U	50.0	53.94		ug/L		108	59 - 125
1,2-Dibromoethane	<0.999	U	50.0	55.21		ug/L		110	73 - 125
1,2-Dichloroethane	<0.372	U	50.0	53.03		ug/L		106	68 - 127
1,2-Dichloropropane	<0.556	U	50.0	49.09		ug/L		98	74 - 125
1,3,5-Trimethylbenzene	<0.411	U	50.0	55.83		ug/L		112	70 - 125
1,3-Butadiene	<0.568	U	50.0	40.83		ug/L		82	70 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86937-6 MS
Matrix: Water
Analysis Batch: 200483

Client Sample ID: MW-18
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,2,4-Trimethylpentane	<0.500	U	50.0	46.00		ug/L		92	70 - 130
2-Butanone (MEK)	<8.28	U	250	234.5		ug/L		94	60 - 140
2-Hexanone (MBK)	<5.00	U	250	238.9		ug/L		96	60 - 140
2-Propanol	<5.23	U	500	526.7		ug/L		105	70 - 120
3-Chloropropene (Allyl Chloride)	<0.597	U	50.0	51.80		ug/L		104	70 - 130
4-Methyl-2-pentanone	<5.00	U	250	225.7		ug/L		90	60 - 140
Acetone	<3.07	U	250	199.7		ug/L		80	60 - 140
Acetonitrile	<14.6	U	500	481.0		ug/L		96	60 - 140
Acrolein	<11.1	U	250	247.0		ug/L		99	50 - 150
Acrylonitrile	<14.3	U	500	458.4		ug/L		92	50 - 150
alpha-Chlorotoluene	<2.26	U	50.0	52.25		ug/L		105	70 - 130
Benzene	<0.460	U	50.0	52.99		ug/L		106	66 - 142
Bromodichloromethane	<0.552	U	50.0	53.92		ug/L		108	75 - 125
Bromoform	<0.633	U	50.0	59.69		ug/L		119	75 - 125
Bromomethane	<1.42	U	50.0	49.40		ug/L		99	60 - 140
Carbon disulfide	<1.65	U	50.0	59.55		ug/L		119	60 - 140
Carbon tetrachloride	<0.896	U	50.0	56.04		ug/L		112	62 - 125
Chlorobenzene	19.5		50.0	72.96		ug/L		107	60 - 133
Chlorodibromomethane	<0.547	U	50.0	58.04		ug/L		116	73 - 125
Chloroethane	<1.98	U	50.0	44.99		ug/L		90	60 - 140
Chloroform	<0.464	U	50.0	52.72		ug/L		105	70 - 130
Chloromethane	<2.04	U	50.0	42.52		ug/L		85	60 - 140
Chloroprene	<0.598	U	50.0	51.22		ug/L		102	70 - 130
cis-1,2-Dichloroethene	<0.457	U	50.0	49.82		ug/L		100	75 - 125
cis-1,3-Dichloropropene	<1.07	U	50.0	53.63		ug/L		107	74 - 125
Cumene (isopropylbenzene)	<0.592	U	50.0	58.01		ug/L		116	75 - 125
Cyclohexane	<1.29	U	50.0	46.86		ug/L		94	70 - 130
Dibromomethane	<0.357	U	50.0	52.46		ug/L		105	69 - 127
Dichlorodifluoromethane	<0.785	U	50.0	52.95		ug/L		106	70 - 130
Ethyl methacrylate	<1.12	U	50.0	54.27		ug/L		109	70 - 130
Ethylbenzene	<0.385	U	50.0	54.33		ug/L		109	75 - 125
Hexane	0.613	J	50.0	46.69		ug/L		92	72 - 125
Iodomethane	<5.00	U	50.0	51.10		ug/L		102	75 - 125
Isobutanol	<17.1	U	1240	1082		ug/L		87	60 - 140
Methacrylonitrile	<2.72	U	500	453.9		ug/L		91	70 - 130
Methyl methacrylate	<2.25	U	100	100.8		ug/L		101	70 - 130
Methyl tert-butyl ether	<1.39	U	50.0	53.17		ug/L		106	65 - 135
Methylene Chloride	<1.73	U	50.0	49.55		ug/L		99	75 - 125
Propionitrile	<3.34	U	500	440.9		ug/L		88	70 - 130
Propylbenzene	<0.429	U	50.0	54.46		ug/L		109	75 - 125
Styrene	<0.619	U	50.0	52.19		ug/L		104	75 - 125
Tetrachloroethene	<0.655	U F1	50.0	64.05	F1	ug/L		128	71 - 125
Tetrahydrofuran	<1.83	U	100	77.34		ug/L		77	75 - 125
Toluene	<0.475	U	50.0	56.68		ug/L		113	59 - 139
trans-1,2-Dichloroethene	<0.368	U	50.0	53.55		ug/L		107	75 - 125
trans-1,3-Dichloropropene	<1.27	U	50.0	55.68		ug/L		111	66 - 125
trans-1,4-Dichloro-2-butene	<1.35	U	50.0	49.72		ug/L		99	70 - 130
Trichloroethene	<1.50	U	50.0	58.30		ug/L		117	62 - 137
Trichlorofluoromethane	<0.560	U	50.0	46.33		ug/L		93	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86937-6 MS
Matrix: Water
Analysis Batch: 200483

Client Sample ID: MW-18
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Vinyl acetate	<2.14	U	250	249.8		ug/L		100	60 - 140
Vinyl chloride	<0.428	U	50.0	41.15		ug/L		82	60 - 140
Xylenes, Total	<1.24	U	100	111.3		ug/L		111	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.05525		mg/L		110	75 - 125
o-Xylene	<0.000502	U	0.0500	0.05607		mg/L		112	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*63 - 144*
4-Bromofluorobenzene (Surr)	*93*		*74 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 860-86937-6 MSD
Matrix: Water
Analysis Batch: 200483

Client Sample ID: MW-18
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.644	U	50.0	58.65		ug/L		117	72 - 125	1	25
1,1,1-Trichloroethane	<0.585	U	50.0	55.40		ug/L		111	75 - 125	1	25
1,1,2,2-Tetrachloroethane	<0.470	U	50.0	46.68		ug/L		93	74 - 125	2	25
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	50.0	49.87		ug/L		100	60 - 140	5	25
1,1,2-Trichloroethane	<0.411	U	50.0	48.27		ug/L		97	75 - 127	9	25
1,1-Dichloroethane	<0.635	U	50.0	42.50		ug/L		85	72 - 125	4	25
1,1-Dichloroethene	<0.738	U	50.0	54.64		ug/L		109	59 - 172	1	25
1,2,3-Trichloropropane	<0.470	U	50.0	45.08		ug/L		90	75 - 125	3	25
1,2,4-Trimethylbenzene	<0.417	U	50.0	57.64		ug/L		115	75 - 125	1	25
1,2-Dibromo-3-Chloropropane	<0.671	U	50.0	53.23		ug/L		106	59 - 125	1	25
1,2-Dibromoethane	<0.999	U	50.0	55.02		ug/L		110	73 - 125	0	25
1,2-Dichloroethane	<0.372	U	50.0	54.71		ug/L		109	68 - 127	3	25
1,2-Dichloropropane	<0.556	U	50.0	50.51		ug/L		101	74 - 125	3	25
1,3,5-Trimethylbenzene	<0.411	U	50.0	56.38		ug/L		113	70 - 125	1	25
1,3-Butadiene	<0.568	U	50.0	38.35		ug/L		77	70 - 150	6	25
2,2,4-Trimethylpentane	<0.500	U	50.0	46.08		ug/L		92	70 - 130	0	25
2-Butanone (MEK)	<8.28	U	250	220.3		ug/L		88	60 - 140	6	25
2-Hexanone (MBK)	<5.00	U	250	227.3		ug/L		91	60 - 140	5	25
2-Propanol	<5.23	U	500	502.1		ug/L		100	70 - 120	5	25
3-Chloropropene (Allyl Chloride)	<0.597	U	50.0	49.16		ug/L		98	70 - 130	5	25
4-Methyl-2-pentanone	<5.00	U	250	211.4		ug/L		85	60 - 140	7	25
Acetone	<3.07	U	250	213.5		ug/L		85	60 - 140	7	25
Acetonitrile	<14.6	U	500	447.6		ug/L		90	60 - 140	7	25
Acrolein	<11.1	U	250	223.9		ug/L		90	50 - 150	10	25
Acrylonitrile	<14.3	U	500	432.7		ug/L		87	50 - 150	6	25
alpha-Chlorotoluene	<2.26	U	50.0	51.36		ug/L		103	70 - 130	2	25
Benzene	<0.460	U	50.0	53.55		ug/L		107	66 - 142	1	25
Bromodichloromethane	<0.552	U	50.0	55.78		ug/L		112	75 - 125	3	25
Bromoform	<0.633	U	50.0	59.48		ug/L		119	75 - 125	0	25
Bromomethane	<1.42	U	50.0	47.63		ug/L		95	60 - 140	4	25
Carbon disulfide	<1.65	U	50.0	58.88		ug/L		118	60 - 140	1	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86937-6 MSD
Matrix: Water
Analysis Batch: 200483

Client Sample ID: MW-18
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride	<0.896	U	50.0	54.62		ug/L		109	62 - 125	3	25
Chlorobenzene	19.5		50.0	74.75		ug/L		110	60 - 133	2	25
Chlorodibromomethane	<0.547	U	50.0	58.13		ug/L		116	73 - 125	0	25
Chloroethane	<1.98	U	50.0	43.49		ug/L		87	60 - 140	3	25
Chloroform	<0.464	U	50.0	51.53		ug/L		103	70 - 130	2	25
Chloromethane	<2.04	U	50.0	42.47		ug/L		85	60 - 140	0	25
Chloroprene	<0.598	U	50.0	49.58		ug/L		99	70 - 130	3	25
cis-1,2-Dichloroethene	<0.457	U	50.0	48.51		ug/L		97	75 - 125	3	25
cis-1,3-Dichloropropene	<1.07	U	50.0	53.59		ug/L		107	74 - 125	0	25
Cumene (isopropylbenzene)	<0.592	U	50.0	58.57		ug/L		117	75 - 125	1	25
Cyclohexane	<1.29	U	50.0	44.70		ug/L		89	70 - 130	5	25
Dibromomethane	<0.357	U	50.0	52.10		ug/L		104	69 - 127	1	25
Dichlorodifluoromethane	<0.785	U	50.0	49.35		ug/L		99	70 - 130	7	25
Ethyl methacrylate	<1.12	U	50.0	49.65		ug/L		99	70 - 130	9	25
Ethylbenzene	<0.385	U	50.0	55.01		ug/L		110	75 - 125	1	25
Hexane	0.613	J	50.0	45.17		ug/L		89	72 - 125	3	25
Iodomethane	<5.00	U	50.0	50.01		ug/L		100	75 - 125	2	25
Isobutanol	<17.1	U	1240	1041		ug/L		84	60 - 140	4	25
Methacrylonitrile	<2.72	U	500	428.5		ug/L		86	70 - 130	6	25
Methyl methacrylate	<2.25	U	100	100.0		ug/L		100	70 - 130	1	25
Methyl tert-butyl ether	<1.39	U	50.0	51.10		ug/L		102	65 - 135	4	25
Methylene Chloride	<1.73	U	50.0	47.09		ug/L		94	75 - 125	5	25
Propionitrile	<3.34	U	500	416.9		ug/L		83	70 - 130	6	25
Propylbenzene	<0.429	U	50.0	53.56		ug/L		107	75 - 125	2	25
Styrene	<0.619	U	50.0	52.23		ug/L		104	75 - 125	0	25
Tetrachloroethene	<0.655	U F1	50.0	63.18	F1	ug/L		126	71 - 125	1	25
Tetrahydrofuran	<1.83	U	100	77.75		ug/L		78	75 - 125	1	25
Toluene	<0.475	U	50.0	52.85		ug/L		106	59 - 139	7	25
trans-1,2-Dichloroethene	<0.368	U	50.0	54.24		ug/L		108	75 - 125	1	25
trans-1,3-Dichloropropene	<1.27	U	50.0	52.21		ug/L		104	66 - 125	6	25
trans-1,4-Dichloro-2-butene	<1.35	U	50.0	47.28		ug/L		95	70 - 130	5	25
Trichloroethene	<1.50	U	50.0	59.39		ug/L		119	62 - 137	2	25
Trichlorofluoromethane	<0.560	U	50.0	45.92		ug/L		92	60 - 140	1	25
Vinyl acetate	<2.14	U	250	241.3		ug/L		97	60 - 140	3	25
Vinyl chloride	<0.428	U	50.0	40.12		ug/L		80	60 - 140	3	25
Xylenes, Total	<1.24	U	100	111.6		ug/L		112	75 - 125	0	25
m,p-Xylenes	<0.00124	U	0.0500	0.05533		mg/L		111	75 - 125	0	25
o-Xylene	<0.000502	U	0.0500	0.05627		mg/L		113	75 - 125	0	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*92*		*74 - 124*
Dibromofluoromethane (Surr)	*92*		*75 - 131*
Toluene-d8 (Surr)	*94*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-199671/1-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199671

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/14/24 08:14	11/16/24 02:57	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/14/24 08:14	11/16/24 02:57	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/14/24 08:14	11/16/24 02:57	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/14/24 08:14	11/16/24 02:57	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		11/14/24 08:14	11/16/24 02:57	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/14/24 08:14	11/16/24 02:57	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/14/24 08:14	11/16/24 02:57	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/14/24 08:14	11/16/24 02:57	1
2,4-Dimethylphenol	<0.192	U	0.571	0.192	ug/L		11/14/24 08:14	11/16/24 02:57	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		11/14/24 08:14	11/16/24 02:57	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/14/24 08:14	11/16/24 02:57	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/14/24 08:14	11/16/24 02:57	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/14/24 08:14	11/16/24 02:57	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/14/24 08:14	11/16/24 02:57	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/14/24 08:14	11/16/24 02:57	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/14/24 08:14	11/16/24 02:57	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/14/24 08:14	11/16/24 02:57	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/14/24 08:14	11/16/24 02:57	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/14/24 08:14	11/16/24 02:57	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/14/24 08:14	11/16/24 02:57	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/14/24 08:14	11/16/24 02:57	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/14/24 08:14	11/16/24 02:57	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/14/24 08:14	11/16/24 02:57	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/14/24 08:14	11/16/24 02:57	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/14/24 08:14	11/16/24 02:57	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/14/24 08:14	11/16/24 02:57	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/14/24 08:14	11/16/24 02:57	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/14/24 08:14	11/16/24 02:57	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/14/24 08:14	11/16/24 02:57	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/14/24 08:14	11/16/24 02:57	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/14/24 08:14	11/16/24 02:57	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/14/24 08:14	11/16/24 02:57	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/14/24 08:14	11/16/24 02:57	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/14/24 08:14	11/16/24 02:57	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/14/24 08:14	11/16/24 02:57	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		11/14/24 08:14	11/16/24 02:57	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/14/24 08:14	11/16/24 02:57	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/14/24 08:14	11/16/24 02:57	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/14/24 08:14	11/16/24 02:57	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/14/24 08:14	11/16/24 02:57	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/14/24 08:14	11/16/24 02:57	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/14/24 08:14	11/16/24 02:57	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		11/14/24 08:14	11/16/24 02:57	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/14/24 08:14	11/16/24 02:57	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/14/24 08:14	11/16/24 02:57	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/14/24 08:14	11/16/24 02:57	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/14/24 08:14	11/16/24 02:57	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/14/24 08:14	11/16/24 02:57	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199671/1-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199671

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/14/24 08:14	11/16/24 02:57	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/14/24 08:14	11/16/24 02:57	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/14/24 08:14	11/16/24 02:57	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/14/24 08:14	11/16/24 02:57	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/14/24 08:14	11/16/24 02:57	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/14/24 08:14	11/16/24 02:57	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/14/24 08:14	11/16/24 02:57	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		11/14/24 08:14	11/16/24 02:57	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/14/24 08:14	11/16/24 02:57	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/14/24 08:14	11/16/24 02:57	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/14/24 08:14	11/16/24 02:57	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/14/24 08:14	11/16/24 02:57	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/14/24 08:14	11/16/24 02:57	1
Phenol	<0.448	U	2.86	0.448	ug/L		11/14/24 08:14	11/16/24 02:57	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/14/24 08:14	11/16/24 02:57	1
Pyridine	<1.44	U	2.86	1.44	ug/L		11/14/24 08:14	11/16/24 02:57	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/14/24 08:14	11/16/24 02:57	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/14/24 08:14	11/16/24 02:57	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/14/24 08:14	11/16/24 02:57	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/14/24 08:14	11/16/24 02:57	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/14/24 08:14	11/16/24 02:57	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		11/14/24 08:14	11/16/24 02:57	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/14/24 08:14	11/16/24 02:57	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/14/24 08:14	11/16/24 02:57	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/14/24 08:14	11/16/24 02:57	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/14/24 08:14	11/16/24 02:57	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/14/24 08:14	11/16/24 02:57	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/14/24 08:14	11/16/24 02:57	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/14/24 08:14	11/16/24 02:57	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/14/24 08:14	11/16/24 02:57	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		11/14/24 08:14	11/16/24 02:57	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/14/24 08:14	11/16/24 02:57	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/14/24 08:14	11/16/24 02:57	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/14/24 08:14	11/16/24 02:57	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/14/24 08:14	11/16/24 02:57	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/14/24 08:14	11/16/24 02:57	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/14/24 08:14	11/16/24 02:57	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/14/24 08:14	11/16/24 02:57	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/14/24 08:14	11/16/24 02:57	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/14/24 08:14	11/16/24 02:57	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		11/14/24 08:14	11/16/24 02:57	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		11/14/24 08:14	11/16/24 02:57	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/14/24 08:14	11/16/24 02:57	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/14/24 08:14	11/16/24 02:57	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/14/24 08:14	11/16/24 02:57	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/14/24 08:14	11/16/24 02:57	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/14/24 08:14	11/16/24 02:57	1
Dimethoate	<0.122	U	0.571	0.122	ug/L		11/14/24 08:14	11/16/24 02:57	1
Dinoseb	<0.570	U	2.86	0.570	ug/L		11/14/24 08:14	11/16/24 02:57	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199671/1-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199671

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Disulfoton	<0.203	U	0.571	0.203	ug/L		11/14/24 08:14	11/16/24 02:57	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/14/24 08:14	11/16/24 02:57	1
Ethyl Parathion	<0.0502	U	0.229	0.0502	ug/L		11/14/24 08:14	11/16/24 02:57	1
Famphur	<0.151	U	1.14	0.151	ug/L		11/14/24 08:14	11/16/24 02:57	1
Hexachloropropene	<0.300	U	0.571	0.300	ug/L		11/14/24 08:14	11/16/24 02:57	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/14/24 08:14	11/16/24 02:57	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/14/24 08:14	11/16/24 02:57	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/14/24 08:14	11/16/24 02:57	1
Methapyrilene	<1.00	U	2.29	1.00	ug/L		11/14/24 08:14	11/16/24 02:57	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/14/24 08:14	11/16/24 02:57	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		11/14/24 08:14	11/16/24 02:57	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/14/24 08:14	11/16/24 02:57	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		11/14/24 08:14	11/16/24 02:57	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/14/24 08:14	11/16/24 02:57	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/14/24 08:14	11/16/24 02:57	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/14/24 08:14	11/16/24 02:57	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		11/14/24 08:14	11/16/24 02:57	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		11/14/24 08:14	11/16/24 02:57	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		11/14/24 08:14	11/16/24 02:57	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/14/24 08:14	11/16/24 02:57	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/14/24 08:14	11/16/24 02:57	1
Phorate	<0.221	U	0.571	0.221	ug/L		11/14/24 08:14	11/16/24 02:57	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		11/14/24 08:14	11/16/24 02:57	1
Pronamide	<0.100	U	0.571	0.100	ug/L		11/14/24 08:14	11/16/24 02:57	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/14/24 08:14	11/16/24 02:57	1
Sulfotepp	<0.147	U	0.571	0.147	ug/L		11/14/24 08:14	11/16/24 02:57	1
Thionazin	<0.208	U	1.14	0.208	ug/L		11/14/24 08:14	11/16/24 02:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*115*		*35 - 130*	*11/14/24 08:14*	*11/16/24 02:57*	*1*
2-Fluorobiphenyl	*113*		*43 - 130*	*11/14/24 08:14*	*11/16/24 02:57*	*1*
2-Fluorophenol (Surr)	*53*		*19 - 120*	*11/14/24 08:14*	*11/16/24 02:57*	*1*
Nitrobenzene-d5 (Surr)	*105*		*37 - 133*	*11/14/24 08:14*	*11/16/24 02:57*	*1*
Phenol-d5 (Surr)	*36*		*8 - 124*	*11/14/24 08:14*	*11/16/24 02:57*	*1*
p-Terphenyl-d14	*135*	*S1+*	*47 - 130*	*11/14/24 08:14*	*11/16/24 02:57*	*1*

Lab Sample ID: LCS 860-199671/2-A
Matrix: Water
Analysis Batch: 200733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	2.86	1.430		ug/L		50	32 - 130
1,2-Dichlorobenzene	2.86	1.313		ug/L		46	32 - 130
1,3-Dichlorobenzene	2.86	1.182		ug/L		41	26 - 130
1,4-Dichlorobenzene	2.86	1.281		ug/L		45	28 - 130
2,2'-oxybis[1-chloropropane]	2.86	4.036	I	ug/L		141	10 - 173
2,4,5-Trichlorophenol	2.86	2.957		ug/L		103	35 - 130
2,4,6-Trichlorophenol	2.86	2.617		ug/L		92	52 - 129

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199671/2-A
Matrix: Water
Analysis Batch: 200733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dichlorophenol	2.86	3.107		ug/L		109	53 - 122
2,4-Dimethylphenol	2.86	4.175	*+	ug/L		146	42 - 120
1,4-Dioxane	2.86	0.9478		ug/L		33	27 - 130
2,4-Dinitrophenol	2.86	2.458	J	ug/L		86	12 - 173
2,4-Dinitrotoluene	2.86	4.218	*+	ug/L		148	48 - 127
2,6-Dinitrotoluene	2.86	3.881		ug/L		136	68 - 137
2-Chloronaphthalene	2.86	2.455		ug/L		86	10 - 130
2-Methylnaphthalene	2.86	1.854		ug/L		65	25 - 175
2-Methylphenol	2.86	3.003		ug/L		105	14 - 176
2-Nitroaniline	2.86	4.352	*+	ug/L		152	59 - 130
2-Nitrophenol	2.86	3.525		ug/L		123	45 - 167
3 & 4 Methylphenol	2.86	2.366		ug/L		83	22 - 130
3-Nitroaniline	2.86	2.373		ug/L		83	30 - 130
4,6-Dinitro-2-methylphenol	2.86	2.350		ug/L		82	10 - 130
4-Bromophenyl phenyl ether	2.86	3.335		ug/L		117	65 - 120
4-Chloro-3-methylphenol	2.86	3.521		ug/L		123	41 - 128
4-Chloroaniline	2.86	2.076		ug/L		73	30 - 130
4-Chlorophenyl phenyl ether	2.86	3.011		ug/L		105	38 - 145
4-Nitroaniline	2.86	3.207		ug/L		112	42 - 125
Acenaphthene	2.86	2.606		ug/L		91	60 - 132
Acenaphthylene	2.86	2.949		ug/L		103	54 - 126
Aniline	2.86	1.698		ug/L		59	15 - 130
Anthracene	2.86	3.389		ug/L		119	43 - 135
Benzo[a]anthracene	2.86	3.352		ug/L		117	42 - 133
Benzo[a]pyrene	2.86	3.236		ug/L		113	32 - 148
Benzo[b]fluoranthene	2.86	3.344		ug/L		117	42 - 140
Benzo[g,h,i]perylene	2.86	3.021		ug/L		106	25 - 195
Benzo[k]fluoranthene	2.86	3.191		ug/L		112	25 - 146
Benzyl alcohol	2.86	1.856		ug/L		65	57 - 130
Bis(2-chloroethoxy)methane	2.86	3.728		ug/L		130	49 - 165
Bis(2-chloroethyl)ether	2.86	3.877	*+	ug/L		136	43 - 126
Bis(2-ethylhexyl) phthalate	2.86	3.587		ug/L		126	29 - 137
Butyl benzyl phthalate	2.86	3.477		ug/L		122	28 - 130
Chrysene	2.86	2.919		ug/L		102	47 - 130
Dibenz(a,h)anthracene	2.86	3.154		ug/L		110	32 - 200
Dibenzofuran	2.86	3.399		ug/L		119	48 - 130
Diethyl phthalate	2.86	3.240		ug/L		113	53 - 120
Dimethyl phthalate	2.86	4.090	*+	ug/L		143	67 - 120
Di-n-butyl phthalate	2.86	3.589	*+	ug/L		126	8 - 120
Di-n-octyl phthalate	2.86	3.977		ug/L		139	19 - 200
Fluoranthene	2.86	3.393		ug/L		119	43 - 130
Fluorene	2.86	3.125		ug/L		109	70 - 130
Hexachlorobenzene	2.86	2.941		ug/L		103	8 - 142
Hexachlorobutadiene	2.86	0.7618		ug/L		27	10 - 130
Hexachlorocyclopentadiene	2.86	1.820		ug/L		64	10 - 130
Hexachloroethane	2.86	0.8199		ug/L		29	10 - 130
Indeno[1,2,3-cd]pyrene	2.86	3.113		ug/L		109	29 - 151
Isophorone	2.86	3.970		ug/L		139	47 - 180
Naphthalene	2.86	2.355		ug/L		82	36 - 120

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199671/2-A
Matrix: Water
Analysis Batch: 200733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrobenzene	2.86	3.389		ug/L		119	54 - 130
N-Nitrosodi-n-propylamine	2.86	4.472		ug/L		157	14 - 198
N-Nitrosodiphenylamine	2.86	4.016	*+	ug/L		141	40 - 127
Pentachlorophenol	2.86	3.087		ug/L		108	38 - 152
Phenanthrene	2.86	3.622	*+	ug/L		127	65 - 120
Phenol	2.86	1.460	J	ug/L		51	17 - 120
Pyrene	2.86	3.317		ug/L		116	70 - 130
Pyridine	2.86	1.751	J	ug/L		61	1 - 126
N-Nitro-o-toluidine	2.86	3.214		ug/L		112	47 - 130
2,3,4,6-Tetrachlorophenol	2.86	2.565		ug/L		90	33 - 132
Acetophenone	2.86	3.381		ug/L		118	58 - 130
N-Nitrosopiperidine	2.86	3.291		ug/L		115	54 - 130
Pentachlorobenzene	2.86	2.281		ug/L		80	47 - 130
Diphenyl ether	2.86	2.733		ug/L		96	61 - 130
1,1'-Biphenyl	2.86	2.525		ug/L		88	52 - 130
4-Aminobiphenyl	2.86	2.863		ug/L		100	35 - 130
1,2,4,5-Tetrachlorobenzene	2.86	1.484		ug/L		52	52 - 130
1,3,5-Trinitrobenzene	2.86	4.482	*+	ug/L		157	42 - 130
1,3-Dinitrobenzene	2.86	3.917	*+	ug/L		137	54 - 130
1,4-Naphthoquinone	2.86	2.287		ug/L		80	34 - 130
1-Naphthylamine	2.86	1.825		ug/L		64	40 - 130
2,6-Dichlorophenol	2.86	2.789		ug/L		98	40 - 130
2-Acetylaminofluorene	2.86	5.748	*+	ug/L		201	50 - 150
2-Chlorophenol	2.86	3.409		ug/L		119	36 - 120
2-Naphthylamine	2.86	1.952		ug/L		68	30 - 130
2-Picoline	2.86	1.364		ug/L		48	22 - 130
2-Toluidine	2.86	1.715		ug/L		60	30 - 130
3,3'-Dichlorobenzidine	2.86	3.855		ug/L		135	20 - 150
3,3'-Dimethylbenzidine	2.86	1.777		ug/L		62	30 - 130
3-Methylcholanthrene	2.86	3.260		ug/L		114	53 - 130
4-Nitroquinoline-1-oxide	2.86	3.596		ug/L		126	39 - 130
7,12-Dimethylbenz(a)anthracene	2.86	3.278		ug/L		115	63 - 130
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U *-	ug/L		0	20 - 130
Aramite Peak 1	1.43	2.501	*+	ug/L		175	69 - 130
Aramite Peak 2	1.43	2.026	*+	ug/L		142	65 - 130
Diallate Peak 1	2.11	3.069	*+	ug/L		145	69 - 130
Diallate Peak 2	0.743	1.046	*+	ug/L		141	67 - 130
Ethyl methanesulfonate	2.86	2.087		ug/L		73	54 - 130
Hexachloropropene	2.86	0.9155	*-	ug/L		32	37 - 130
Isosafrole Peak 1	0.457	0.4903	J	ug/L		107	54 - 130
Isosafrole Peak 2	2.40	2.776		ug/L		116	62 - 130
Methyl methanesulfonate	2.86	1.060		ug/L		37	30 - 130
N-Nitrosodiethylamine	2.86	2.921		ug/L		102	54 - 130
N-Nitrosodimethylamine	2.86	0.7423	*-	ug/L		26	28 - 126
N-Nitrosodi-n-butylamine	2.86	3.858	*+	ug/L		135	58 - 130
N-Nitrosomethylethylamine	2.86	1.977		ug/L		69	45 - 130
N-Nitrosomorpholine	2.86	1.508		ug/L		53	37 - 130
N-Nitrosopyrrolidine	2.86	1.806		ug/L		63	47 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199671/2-A
Matrix: Water
Analysis Batch: 200733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
p-Dimethylamino azobenzene	2.86	3.963	*+	ug/L		139	61 - 130
Pentachloronitrobenzene	2.86	4.217	*+	ug/L		148	56 - 130
Phenacetin	2.86	3.395		ug/L		119	70 - 130
p-Phenylene diamine	2.86	<0.500	U *-	ug/L		0	3 - 120
Pronamide	2.86	4.869	*+	ug/L		170	70 - 130
Safrole, Total	2.86	2.929		ug/L		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*176*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*123*		*43 - 130*
2-Fluorophenol (Surr)	*61*		*19 - 120*
Nitrobenzene-d5 (Surr)	*131*		*37 - 133*
Phenol-d5 (Surr)	*41*		*8 - 124*
p-Terphenyl-d14	*120*		*47 - 130*

Lab Sample ID: LCS 860-199671/4-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethoate	2.86	10.97	*+	ug/L		384	45 - 138
Dinoseb	5.71	12.53	*+	ug/L		219	49 - 130
Disulfoton	5.71	11.43	*+	ug/L		200	38 - 134
Ethyl Parathion	2.86	12.83	*+	ug/L		449	25 - 173
Famphur	2.86	6.832	*+	ug/L		239	43 - 142
Methapyrilene	5.71	26.25	E *+	ug/L		459	70 - 183
Methyl parathion	5.71	13.62	*+	ug/L		238	26 - 159
o,o',o''-Triethylphosphorothioate	2.86	5.344	*+	ug/L		187	43 - 130
Phorate	5.71	10.66	*+	ug/L		187	37 - 140
Sulfotepp	2.86	11.38	*+	ug/L		398	28 - 158
Thionazin	2.86	6.224	*+	ug/L		218	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*95*		*35 - 130*
2-Fluorobiphenyl	*98*		*43 - 130*
2-Fluorophenol (Surr)	*53*		*19 - 120*
Nitrobenzene-d5 (Surr)	*116*		*37 - 133*
Phenol-d5 (Surr)	*42*		*8 - 124*
p-Terphenyl-d14	*115*		*47 - 130*

Lab Sample ID: LCSD 860-199671/3-A
Matrix: Water
Analysis Batch: 200733

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199671

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	2.86	1.390		ug/L		49	32 - 130	3	30
1,2-Dichlorobenzene	2.86	1.424		ug/L		50	32 - 130	8	30
1,3-Dichlorobenzene	2.86	1.272		ug/L		45	26 - 130	7	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199671/3-A
Matrix: Water
Analysis Batch: 200733

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199671

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dichlorobenzene	2.86	1.371		ug/L		48	28 - 130	7	30
2,2'-oxybis[1-chloropropane]	2.86	4.088	I	ug/L		143	10 - 173	1	30
2,4,5-Trichlorophenol	2.86	2.929		ug/L		103	35 - 130	1	30
2,4,6-Trichlorophenol	2.86	2.649		ug/L		93	52 - 129	1	30
2,4-Dichlorophenol	2.86	3.077		ug/L		108	53 - 122	1	30
2,4-Dimethylphenol	2.86	4.130	*+	ug/L		145	42 - 120	1	30
1,4-Dioxane	2.86	1.056		ug/L		37	27 - 130	11	30
2,4-Dinitrophenol	2.86	2.445	J	ug/L		86	12 - 173	1	30
2,4-Dinitrotoluene	2.86	4.493	*+	ug/L		157	48 - 127	6	30
2,6-Dinitrotoluene	2.86	3.934	*+	ug/L		138	68 - 137	1	30
2-Chloronaphthalene	2.86	2.516		ug/L		88	10 - 130	2	30
2-Methylnaphthalene	2.86	1.871		ug/L		65	25 - 175	1	30
2-Methylphenol	2.86	3.242		ug/L		113	14 - 176	8	30
2-Nitroaniline	2.86	4.108	*+	ug/L		144	59 - 130	6	30
2-Nitrophenol	2.86	3.539		ug/L		124	45 - 167	0	30
3 & 4 Methylphenol	2.86	2.708		ug/L		95	22 - 130	14	30
3-Nitroaniline	2.86	2.459		ug/L		86	30 - 130	4	30
4,6-Dinitro-2-methylphenol	2.86	2.550		ug/L		89	10 - 130	8	30
4-Bromophenyl phenyl ether	2.86	3.408		ug/L		119	65 - 120	2	30
4-Chloro-3-methylphenol	2.86	3.499		ug/L		122	41 - 128	1	30
4-Chloroaniline	2.86	2.189		ug/L		77	30 - 130	5	30
4-Chlorophenyl phenyl ether	2.86	3.179		ug/L		111	38 - 145	5	30
4-Nitroaniline	2.86	3.375		ug/L		118	42 - 125	5	30
Acenaphthene	2.86	2.721		ug/L		95	60 - 132	4	30
Acenaphthylene	2.86	2.887		ug/L		101	54 - 126	2	30
Aniline	2.86	1.868		ug/L		65	15 - 130	10	30
Anthracene	2.86	3.592		ug/L		126	43 - 135	6	30
Benzo[a]anthracene	2.86	3.415		ug/L		120	42 - 133	2	30
Benzo[a]pyrene	2.86	3.467		ug/L		121	32 - 148	7	30
Benzo[b]fluoranthene	2.86	3.504		ug/L		123	42 - 140	5	30
Benzo[g,h,i]perylene	2.86	3.152		ug/L		110	25 - 195	4	30
Benzo[k]fluoranthene	2.86	3.167		ug/L		111	25 - 146	1	30
Benzyl alcohol	2.86	2.053		ug/L		72	57 - 130	10	30
Bis(2-chloroethoxy)methane	2.86	3.751		ug/L		131	49 - 165	1	30
Bis(2-chloroethyl)ether	2.86	4.131	*+	ug/L		145	43 - 126	6	30
Bis(2-ethylhexyl) phthalate	2.86	3.578		ug/L		125	29 - 137	0	30
Butyl benzyl phthalate	2.86	3.661		ug/L		128	28 - 130	5	30
Chrysene	2.86	3.055		ug/L		107	47 - 130	5	30
Dibenz(a,h)anthracene	2.86	3.242		ug/L		113	32 - 200	3	30
Dibenzofuran	2.86	3.532		ug/L		124	48 - 130	4	30
Diethyl phthalate	2.86	3.553	*+	ug/L		124	53 - 120	9	30
Dimethyl phthalate	2.86	4.030	*+	ug/L		141	67 - 120	1	30
Di-n-butyl phthalate	2.86	3.707	*+	ug/L		130	8 - 120	3	30
Di-n-octyl phthalate	2.86	4.049		ug/L		142	19 - 200	2	30
Fluoranthene	2.86	3.495		ug/L		122	43 - 130	3	30
Fluorene	2.86	3.230		ug/L		113	70 - 130	3	30
Hexachlorobenzene	2.86	3.209		ug/L		112	8 - 142	9	30
Hexachlorobutadiene	2.86	0.7634		ug/L		27	10 - 130	0	30
Hexachlorocyclopentadiene	2.86	1.611		ug/L		56	10 - 130	12	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199671/3-A
Matrix: Water
Analysis Batch: 200733

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199671

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachloroethane	2.86	0.8822		ug/L		31	10 - 130	7	30
Indeno[1,2,3-cd]pyrene	2.86	3.192		ug/L		112	29 - 151	3	30
Isophorone	2.86	3.921		ug/L		137	47 - 180	1	30
Naphthalene	2.86	2.416		ug/L		85	36 - 120	3	30
Nitrobenzene	2.86	3.556		ug/L		124	54 - 130	5	30
N-Nitrosodi-n-propylamine	2.86	4.762		ug/L		167	14 - 198	6	30
N-Nitrosodiphenylamine	2.86	4.066	*+	ug/L		142	40 - 127	1	30
Pentachlorophenol	2.86	2.865		ug/L		100	38 - 152	7	30
Phenanthrene	2.86	3.800	*+	ug/L		133	65 - 120	5	30
Phenol	2.86	1.591	J	ug/L		56	17 - 120	9	30
Pyrene	2.86	3.561		ug/L		125	70 - 130	7	30
Pyridine	2.86	2.248	J	ug/L		79	1 - 126	25	30
N-Nitro-o-toluidine	2.86	3.165		ug/L		111	47 - 130	2	30
2,3,4,6-Tetrachlorophenol	2.86	2.463		ug/L		86	33 - 132	4	30
Acetophenone	2.86	3.688		ug/L		129	58 - 130	9	30
N-Nitrosopiperidine	2.86	3.282		ug/L		115	54 - 130	0	30
Pentachlorobenzene	2.86	2.248		ug/L		79	47 - 130	1	30
Diphenyl ether	2.86	2.687		ug/L		94	61 - 130	2	30
1,1'-Biphenyl	2.86	2.526		ug/L		88	52 - 130	0	30
4-Aminobiphenyl	2.86	3.085		ug/L		108	35 - 130	7	30
1,2,4,5-Tetrachlorobenzene	2.86	1.449	*-	ug/L		51	52 - 130	2	30
1,3,5-Trinitrobenzene	2.86	4.216	*+	ug/L		148	42 - 130	6	30
1,3-Dinitrobenzene	2.86	4.066	*+	ug/L		142	54 - 130	4	30
1,4-Naphthoquinone	2.86	2.454		ug/L		86	34 - 130	7	30
1-Naphthylamine	2.86	1.890		ug/L		66	40 - 130	3	30
2,6-Dichlorophenol	2.86	2.725		ug/L		95	40 - 130	2	30
2-Acetylaminofluorene	2.86	6.217	*+	ug/L		218	50 - 150	8	30
2-Chlorophenol	2.86	3.730	*+	ug/L		131	36 - 120	9	30
2-Naphthylamine	2.86	2.073		ug/L		73	30 - 130	6	30
2-Picoline	2.86	1.608		ug/L		56	22 - 130	16	30
2-Toluidine	2.86	1.873		ug/L		66	30 - 130	9	30
3,3'-Dichlorobenzidine	2.86	4.185		ug/L		146	20 - 150	8	30
3,3'-Dimethylbenzidine	2.86	2.016		ug/L		71	30 - 130	13	30
3-Methylcholanthrene	2.86	3.358		ug/L		118	53 - 130	3	30
4-Nitroquinoline-1-oxide	2.86	3.716		ug/L		130	39 - 130	3	30
7,12-Dimethylbenz(a)anthracene	2.86	3.370		ug/L		118	63 - 130	3	30
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U *-	ug/L		0	20 - 130	NC	30
Aramite Peak 1	1.43	2.477	*+	ug/L		173	69 - 130	1	30
Aramite Peak 2	1.43	2.213	*+	ug/L		155	65 - 130	9	30
Diallate Peak 1	2.11	3.245	*+	ug/L		153	69 - 130	6	30
Diallate Peak 2	0.743	1.100	*+	ug/L		148	67 - 130	5	30
Ethyl methanesulfonate	2.86	2.239		ug/L		78	54 - 130	7	30
Hexachloropropene	2.86	0.8707	*-	ug/L		30	37 - 130	5	30
Isosafrole Peak 1	0.457	0.4742	J	ug/L		104	54 - 130	3	30
Isosafrole Peak 2	2.40	2.659		ug/L		111	62 - 130	4	30
Methyl methanesulfonate	2.86	1.198		ug/L		42	30 - 130	12	30
N-Nitrosodiethylamine	2.86	3.296		ug/L		115	54 - 130	12	30
N-Nitrosodimethylamine	2.86	0.8397		ug/L		29	28 - 126	12	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199671/3-A
Matrix: Water
Analysis Batch: 200733

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199671

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-Nitrosodi-n-butylamine			2.86	3.874	*+	ug/L		136	58 - 130	0	30
N-Nitrosomethylethylamine			2.86	2.198		ug/L		77	45 - 130	11	30
N-Nitrosomorpholine			2.86	1.702		ug/L		60	37 - 130	12	30
N-Nitrosopyrrolidine			2.86	1.991		ug/L		70	47 - 130	10	30
p-Dimethylamino azobenzene			2.86	4.195	*+	ug/L		147	61 - 130	6	30
Pentachloronitrobenzene			2.86	4.190	*+	ug/L		147	56 - 130	1	30
Phenacetin			2.86	3.548		ug/L		124	70 - 130	4	30
p-Phenylene diamine			2.86	<0.500	U *-	ug/L		0	3 - 120	NC	30
Pronamide			2.86	4.907	*+	ug/L		172	70 - 130	1	30
Safrole, Total			2.86	2.989		ug/L		105	70 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*175*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*126*		*43 - 130*
2-Fluorophenol (Surr)	*67*		*19 - 120*
Nitrobenzene-d5 (Surr)	*134*	*S1+*	*37 - 133*
Phenol-d5 (Surr)	*47*		*8 - 124*
p-Terphenyl-d14	*131*	*S1+*	*47 - 130*

Lab Sample ID: LCSD 860-199671/5-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199671

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethoate			2.86	10.50	*+	ug/L		367	45 - 138	4	30
Dinoseb			5.71	13.19	*+	ug/L		231	49 - 130	5	30
Disulfoton			5.71	12.16	*+	ug/L		213	38 - 134	6	30
Ethyl Parathion			2.86	14.53	*+	ug/L		508	25 - 173	12	30
Famphur			2.86	7.309	*+	ug/L		256	43 - 142	7	30
Methapyrilene			5.71	26.99	*+ E	ug/L		472	70 - 183	3	30
Methyl parathion			5.71	14.94	*+	ug/L		262	26 - 159	9	30
o,o',o''-Triethylphosphorothioate			2.86	5.646	*+	ug/L		198	43 - 130	6	30
Phorate			5.71	11.48	*+	ug/L		201	37 - 140	7	30
Sulfotepp			2.86	12.26	*+	ug/L		429	28 - 158	7	30
Thionazin			2.86	6.412	*+	ug/L		224	50 - 150	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*123*		*35 - 130*
2-Fluorobiphenyl	*119*		*43 - 130*
2-Fluorophenol (Surr)	*48*		*19 - 120*
Nitrobenzene-d5 (Surr)	*140*	*S1+*	*37 - 133*
Phenol-d5 (Surr)	*34*		*8 - 124*
p-Terphenyl-d14	*138*	*S1+*	*47 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199899/1-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199899

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/15/24 05:06	11/16/24 08:33	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/15/24 05:06	11/16/24 08:33	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/15/24 05:06	11/16/24 08:33	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/15/24 05:06	11/16/24 08:33	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		11/15/24 05:06	11/16/24 08:33	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/15/24 05:06	11/16/24 08:33	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/15/24 05:06	11/16/24 08:33	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/15/24 05:06	11/16/24 08:33	1
2,4-Dimethylphenol	<0.192	U	0.571	0.192	ug/L		11/15/24 05:06	11/16/24 08:33	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		11/15/24 05:06	11/16/24 08:33	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/15/24 05:06	11/16/24 08:33	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/15/24 05:06	11/16/24 08:33	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/15/24 05:06	11/16/24 08:33	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/15/24 05:06	11/16/24 08:33	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/15/24 05:06	11/16/24 08:33	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/15/24 05:06	11/16/24 08:33	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/15/24 05:06	11/16/24 08:33	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/15/24 05:06	11/16/24 08:33	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/15/24 05:06	11/16/24 08:33	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/15/24 05:06	11/16/24 08:33	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/15/24 05:06	11/16/24 08:33	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/15/24 05:06	11/16/24 08:33	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/15/24 05:06	11/16/24 08:33	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/15/24 05:06	11/16/24 08:33	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/15/24 05:06	11/16/24 08:33	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/15/24 05:06	11/16/24 08:33	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/15/24 05:06	11/16/24 08:33	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/15/24 05:06	11/16/24 08:33	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/15/24 05:06	11/16/24 08:33	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/15/24 05:06	11/16/24 08:33	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/15/24 05:06	11/16/24 08:33	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/15/24 05:06	11/16/24 08:33	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/15/24 05:06	11/16/24 08:33	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/15/24 05:06	11/16/24 08:33	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/15/24 05:06	11/16/24 08:33	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		11/15/24 05:06	11/16/24 08:33	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/15/24 05:06	11/16/24 08:33	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/15/24 05:06	11/16/24 08:33	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/15/24 05:06	11/16/24 08:33	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/15/24 05:06	11/16/24 08:33	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/15/24 05:06	11/16/24 08:33	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/15/24 05:06	11/16/24 08:33	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		11/15/24 05:06	11/16/24 08:33	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/15/24 05:06	11/16/24 08:33	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/15/24 05:06	11/16/24 08:33	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/15/24 05:06	11/16/24 08:33	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/15/24 05:06	11/16/24 08:33	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/15/24 05:06	11/16/24 08:33	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199899/1-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199899

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/15/24 05:06	11/16/24 08:33	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/15/24 05:06	11/16/24 08:33	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/15/24 05:06	11/16/24 08:33	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/15/24 05:06	11/16/24 08:33	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/15/24 05:06	11/16/24 08:33	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/15/24 05:06	11/16/24 08:33	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/15/24 05:06	11/16/24 08:33	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		11/15/24 05:06	11/16/24 08:33	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/15/24 05:06	11/16/24 08:33	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/15/24 05:06	11/16/24 08:33	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/15/24 05:06	11/16/24 08:33	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/15/24 05:06	11/16/24 08:33	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/15/24 05:06	11/16/24 08:33	1
Phenol	<0.448	U	2.86	0.448	ug/L		11/15/24 05:06	11/16/24 08:33	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/15/24 05:06	11/16/24 08:33	1
Pyridine	<1.44	U	2.86	1.44	ug/L		11/15/24 05:06	11/16/24 08:33	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/15/24 05:06	11/16/24 08:33	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/15/24 05:06	11/16/24 08:33	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/15/24 05:06	11/16/24 08:33	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/15/24 05:06	11/16/24 08:33	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/15/24 05:06	11/16/24 08:33	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		11/15/24 05:06	11/16/24 08:33	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/15/24 05:06	11/16/24 08:33	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/15/24 05:06	11/16/24 08:33	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/15/24 05:06	11/16/24 08:33	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/15/24 05:06	11/16/24 08:33	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/15/24 05:06	11/16/24 08:33	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/15/24 05:06	11/16/24 08:33	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/15/24 05:06	11/16/24 08:33	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/15/24 05:06	11/16/24 08:33	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		11/15/24 05:06	11/16/24 08:33	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/15/24 05:06	11/16/24 08:33	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/15/24 05:06	11/16/24 08:33	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/15/24 05:06	11/16/24 08:33	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/15/24 05:06	11/16/24 08:33	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/15/24 05:06	11/16/24 08:33	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/15/24 05:06	11/16/24 08:33	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/15/24 05:06	11/16/24 08:33	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/15/24 05:06	11/16/24 08:33	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/15/24 05:06	11/16/24 08:33	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		11/15/24 05:06	11/16/24 08:33	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		11/15/24 05:06	11/16/24 08:33	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/15/24 05:06	11/16/24 08:33	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/15/24 05:06	11/16/24 08:33	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/15/24 05:06	11/16/24 08:33	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/15/24 05:06	11/16/24 08:33	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/15/24 05:06	11/16/24 08:33	1
Dimethoate	<0.122	U	0.571	0.122	ug/L		11/15/24 05:06	11/16/24 08:33	1
Dinoseb	<0.570	U	2.86	0.570	ug/L		11/15/24 05:06	11/16/24 08:33	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199899/1-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199899

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Disulfoton	<0.203	U	0.571	0.203	ug/L		11/15/24 05:06	11/16/24 08:33	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/15/24 05:06	11/16/24 08:33	1
Ethyl Parathion	<0.0502	U	0.229	0.0502	ug/L		11/15/24 05:06	11/16/24 08:33	1
Famphur	<0.151	U	1.14	0.151	ug/L		11/15/24 05:06	11/16/24 08:33	1
Hexachloropropene	<0.300	U	0.571	0.300	ug/L		11/15/24 05:06	11/16/24 08:33	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/15/24 05:06	11/16/24 08:33	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/15/24 05:06	11/16/24 08:33	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/15/24 05:06	11/16/24 08:33	1
Methapyrilene	<1.00	U	2.29	1.00	ug/L		11/15/24 05:06	11/16/24 08:33	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/15/24 05:06	11/16/24 08:33	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		11/15/24 05:06	11/16/24 08:33	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/15/24 05:06	11/16/24 08:33	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		11/15/24 05:06	11/16/24 08:33	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/15/24 05:06	11/16/24 08:33	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/15/24 05:06	11/16/24 08:33	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/15/24 05:06	11/16/24 08:33	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		11/15/24 05:06	11/16/24 08:33	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		11/15/24 05:06	11/16/24 08:33	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		11/15/24 05:06	11/16/24 08:33	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/15/24 05:06	11/16/24 08:33	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/15/24 05:06	11/16/24 08:33	1
Phorate	<0.221	U	0.571	0.221	ug/L		11/15/24 05:06	11/16/24 08:33	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		11/15/24 05:06	11/16/24 08:33	1
Pronamide	<0.100	U	0.571	0.100	ug/L		11/15/24 05:06	11/16/24 08:33	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/15/24 05:06	11/16/24 08:33	1
Sulfotepp	<0.147	U	0.571	0.147	ug/L		11/15/24 05:06	11/16/24 08:33	1
Thionazin	<0.208	U	1.14	0.208	ug/L		11/15/24 05:06	11/16/24 08:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*121*		*35 - 130*	*11/15/24 05:06*	*11/16/24 08:33*	*1*
2-Fluorobiphenyl	*104*		*43 - 130*	*11/15/24 05:06*	*11/16/24 08:33*	*1*
2-Fluorophenol (Surr)	*56*		*19 - 120*	*11/15/24 05:06*	*11/16/24 08:33*	*1*
Nitrobenzene-d5 (Surr)	*114*		*37 - 133*	*11/15/24 05:06*	*11/16/24 08:33*	*1*
Phenol-d5 (Surr)	*33*		*8 - 124*	*11/15/24 05:06*	*11/16/24 08:33*	*1*
p-Terphenyl-d14	*126*		*47 - 130*	*11/15/24 05:06*	*11/16/24 08:33*	*1*

Lab Sample ID: LCS 860-199899/2-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199899

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	2.86	0.8739	*-	ug/L		31	32 - 130
1,2-Dichlorobenzene	2.86	0.9800		ug/L		34	32 - 130
1,3-Dichlorobenzene	2.86	0.8375		ug/L		29	26 - 130
1,4-Dichlorobenzene	2.86	0.9095		ug/L		32	28 - 130
2,2'-oxybis[1-chloropropane]	2.86	3.322	I	ug/L		116	10 - 173
2,4,5-Trichlorophenol	2.86	3.317		ug/L		116	35 - 130
2,4,6-Trichlorophenol	2.86	3.015		ug/L		106	52 - 129

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199899/2-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199899

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dichlorophenol	2.86	2.935		ug/L		103	53 - 122
2,4-Dimethylphenol	2.86	3.745	*+	ug/L		131	42 - 120
1,4-Dioxane	2.86	0.8341		ug/L		29	27 - 130
2,4-Dinitrophenol	2.86	1.833	J	ug/L		64	12 - 173
2,4-Dinitrotoluene	2.86	3.067		ug/L		107	48 - 127
2,6-Dinitrotoluene	2.86	3.153		ug/L		110	68 - 137
2-Chloronaphthalene	2.86	1.872		ug/L		66	10 - 130
2-Methylnaphthalene	2.86	1.509		ug/L		53	25 - 175
2-Methylphenol	2.86	2.595		ug/L		91	14 - 176
2-Nitroaniline	2.86	3.139		ug/L		110	59 - 130
2-Nitrophenol	2.86	2.879		ug/L		101	45 - 167
3 & 4 Methylphenol	2.86	2.430	I	ug/L		85	22 - 130
3-Nitroaniline	2.86	1.635		ug/L		57	30 - 130
4,6-Dinitro-2-methylphenol	2.86	2.359		ug/L		83	10 - 130
4-Bromophenyl phenyl ether	2.86	3.310		ug/L		116	65 - 120
4-Chloro-3-methylphenol	2.86	2.712		ug/L		95	41 - 128
4-Chloroaniline	2.86	1.429		ug/L		50	30 - 130
4-Chlorophenyl phenyl ether	2.86	3.120		ug/L		109	38 - 145
4-Nitroaniline	2.86	2.343		ug/L		82	42 - 125
Acenaphthene	2.86	2.615		ug/L		92	60 - 132
Acenaphthylene	2.86	3.009		ug/L		105	54 - 126
Aniline	2.86	1.245		ug/L		44	15 - 130
Anthracene	2.86	3.073		ug/L		108	43 - 135
Benzo[a]anthracene	2.86	3.574		ug/L		125	42 - 133
Benzo[a]pyrene	2.86	3.299		ug/L		115	32 - 148
Benzo[b]fluoranthene	2.86	3.651		ug/L		128	42 - 140
Benzo[g,h,i]perylene	2.86	3.090		ug/L		108	25 - 195
Benzo[k]fluoranthene	2.86	3.226		ug/L		113	25 - 146
Benzyl alcohol	2.86	1.146	*-	ug/L		40	57 - 130
Bis(2-chloroethoxy)methane	2.86	3.303		ug/L		116	49 - 165
Bis(2-chloroethyl)ether	2.86	3.390		ug/L		119	43 - 126
Bis(2-ethylhexyl) phthalate	2.86	3.245		ug/L		114	29 - 137
Butyl benzyl phthalate	2.86	3.105		ug/L		109	28 - 130
Chrysene	2.86	3.395		ug/L		119	47 - 130
Dibenz(a,h)anthracene	2.86	3.233		ug/L		113	32 - 200
Dibenzofuran	2.86	2.772		ug/L		97	48 - 130
Diethyl phthalate	2.86	3.283		ug/L		115	53 - 120
Dimethyl phthalate	2.86	3.489	*+	ug/L		122	67 - 120
Di-n-butyl phthalate	2.86	3.390		ug/L		119	8 - 120
Di-n-octyl phthalate	2.86	3.305		ug/L		116	19 - 200
Fluoranthene	2.86	3.637		ug/L		127	43 - 130
Fluorene	2.86	2.859		ug/L		100	70 - 130
Hexachlorobenzene	2.86	3.307		ug/L		116	8 - 142
Hexachlorobutadiene	2.86	0.4465	J	ug/L		16	10 - 130
Hexachlorocyclopentadiene	2.86	0.9185	I	ug/L		32	10 - 130
Hexachloroethane	2.86	0.5599	J	ug/L		20	10 - 130
Indeno[1,2,3-cd]pyrene	2.86	3.014		ug/L		105	29 - 151
Isophorone	2.86	3.061		ug/L		107	47 - 180
Naphthalene	2.86	1.756		ug/L		61	36 - 120

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199899/2-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199899

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrobenzene	2.86	2.987		ug/L		105	54 - 130
N-Nitrosodi-n-propylamine	2.86	2.629		ug/L		92	14 - 198
N-Nitrosodiphenylamine	2.86	3.354		ug/L		117	40 - 127
Pentachlorophenol	2.86	2.953		ug/L		103	38 - 152
Phenanthrene	2.86	3.239		ug/L		113	65 - 120
Phenol	2.86	0.9703	J	ug/L		34	17 - 120
Pyrene	2.86	3.689		ug/L		129	70 - 130
Pyridine	2.86	<1.44	U	ug/L		24	1 - 126
N-Nitro-o-toluidine	2.86	2.596		ug/L		91	47 - 130
2,3,4,6-Tetrachlorophenol	2.86	2.735		ug/L		96	33 - 132
Acetophenone	2.86	3.076		ug/L		108	58 - 130
N-Nitrosopiperidine	2.86	2.624		ug/L		92	54 - 130
Pentachlorobenzene	2.86	2.595		ug/L		91	47 - 130
Diphenyl ether	2.86	2.370		ug/L		83	61 - 130
1,1'-Biphenyl	2.86	2.250		ug/L		79	52 - 130
4-Aminobiphenyl	2.86	2.460		ug/L		86	35 - 130
1,2,4,5-Tetrachlorobenzene	2.86	1.250	*-	ug/L		44	52 - 130
1,3,5-Trinitrobenzene	2.86	3.506		ug/L		123	42 - 130
1,3-Dinitrobenzene	2.86	3.424		ug/L		120	54 - 130
1,4-Naphthoquinone	2.86	3.116		ug/L		109	34 - 130
1-Naphthylamine	2.86	1.548		ug/L		54	40 - 130
2,6-Dichlorophenol	2.86	2.984		ug/L		104	40 - 130
2-Acetylaminofluorene	2.86	4.475	*+	ug/L		157	50 - 150
2-Chlorophenol	2.86	2.673		ug/L		94	36 - 120
2-Naphthylamine	2.86	1.702		ug/L		60	30 - 130
2-Picoline	2.86	0.5192	J *-	ug/L		18	22 - 130
2-Toluidine	2.86	1.549		ug/L		54	30 - 130
3,3'-Dichlorobenzidine	2.86	3.256		ug/L		114	20 - 150
3,3'-Dimethylbenzidine	2.86	1.271		ug/L		44	30 - 130
3-Methylcholanthrene	2.86	3.025		ug/L		106	53 - 130
4-Nitroquinoline-1-oxide	2.86	2.617		ug/L		92	39 - 130
7,12-Dimethylbenz(a)anthracene	2.86	3.320		ug/L		116	63 - 130
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U *-	ug/L		0	20 - 130
Aramite Peak 1	1.43	1.794		ug/L		126	69 - 130
Aramite Peak 2	1.43	1.619		ug/L		113	65 - 130
Diallate Peak 1	2.11	2.610		ug/L		123	69 - 130
Diallate Peak 2	0.743	0.8819		ug/L		119	67 - 130
Ethyl methanesulfonate	2.86	2.144		ug/L		75	54 - 130
Hexachloropropene	2.86	0.5206	J *-	ug/L		18	37 - 130
Isosafrole Peak 1	0.457	0.4234	J	ug/L		93	54 - 130
Isosafrole Peak 2	2.40	2.331		ug/L		97	62 - 130
Methyl methanesulfonate	2.86	1.140		ug/L		40	30 - 130
N-Nitrosodiethylamine	2.86	2.969		ug/L		104	54 - 130
N-Nitrosodimethylamine	2.86	0.6649	*-	ug/L		23	28 - 126
N-Nitrosodi-n-butylamine	2.86	3.363		ug/L		118	58 - 130
N-Nitrosomethylethylamine	2.86	1.840		ug/L		64	45 - 130
N-Nitrosomorpholine	2.86	1.351		ug/L		47	37 - 130
N-Nitrosopyrrolidine	2.86	1.278	*-	ug/L		45	47 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199899/2-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199899

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
p-Dimethylamino azobenzene	2.86	3.046		ug/L		107	61 - 130
Pentachloronitrobenzene	2.86	3.813	*+	ug/L		133	56 - 130
Phenacetin	2.86	2.725		ug/L		95	70 - 130
p-Phenylene diamine	2.86	<0.500	U *-	ug/L		0	3 - 120
Pronamide	2.86	3.837	*+	ug/L		134	70 - 130
Safrole, Total	2.86	2.502		ug/L		88	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*134*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*98*		*43 - 130*
2-Fluorophenol (Surr)	*50*		*19 - 120*
Nitrobenzene-d5 (Surr)	*112*		*37 - 133*
Phenol-d5 (Surr)	*29*		*8 - 124*
p-Terphenyl-d14	*118*		*47 - 130*

Lab Sample ID: LCSD 860-199899/3-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199899

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	2.86	0.9206		ug/L		32	32 - 130	5	30
1,2-Dichlorobenzene	2.86	0.9316		ug/L		33	32 - 130	5	30
1,3-Dichlorobenzene	2.86	0.8457		ug/L		30	26 - 130	1	30
1,4-Dichlorobenzene	2.86	0.9156		ug/L		32	28 - 130	1	30
2,2'-oxybis[1-chloropropane]	2.86	3.076	I	ug/L		108	10 - 173	8	30
2,4,5-Trichlorophenol	2.86	3.306		ug/L		116	35 - 130	0	30
2,4,6-Trichlorophenol	2.86	3.038		ug/L		106	52 - 129	1	30
2,4-Dichlorophenol	2.86	2.823		ug/L		99	53 - 122	4	30
2,4-Dimethylphenol	2.86	3.732	*+	ug/L		131	42 - 120	0	30
1,4-Dioxane	2.86	0.8774		ug/L		31	27 - 130	5	30
2,4-Dinitrophenol	2.86	1.499	J	ug/L		52	12 - 173	20	30
2,4-Dinitrotoluene	2.86	3.173		ug/L		111	48 - 127	3	30
2,6-Dinitrotoluene	2.86	3.258		ug/L		114	68 - 137	3	30
2-Chloronaphthalene	2.86	1.874		ug/L		66	10 - 130	0	30
2-Methylnaphthalene	2.86	1.578		ug/L		55	25 - 175	4	30
2-Methylphenol	2.86	2.376		ug/L		83	14 - 176	9	30
2-Nitroaniline	2.86	3.039		ug/L		106	59 - 130	3	30
2-Nitrophenol	2.86	2.993		ug/L		105	45 - 167	4	30
3 & 4 Methylphenol	2.86	2.078		ug/L		73	22 - 130	16	30
3-Nitroaniline	2.86	1.683		ug/L		59	30 - 130	3	30
4,6-Dinitro-2-methylphenol	2.86	2.350		ug/L		82	10 - 130	0	30
4-Bromophenyl phenyl ether	2.86	3.424		ug/L		120	65 - 120	3	30
4-Chloro-3-methylphenol	2.86	2.773		ug/L		97	41 - 128	2	30
4-Chloroaniline	2.86	1.542		ug/L		54	30 - 130	8	30
4-Chlorophenyl phenyl ether	2.86	3.274		ug/L		115	38 - 145	5	30
4-Nitroaniline	2.86	2.433		ug/L		85	42 - 125	4	30
Acenaphthene	2.86	2.648		ug/L		93	60 - 132	1	30
Acenaphthylene	2.86	3.000		ug/L		105	54 - 126	0	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199899/3-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199899

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aniline			2.86	1.395		ug/L		49	15 - 130	11	30
Anthracene			2.86	3.178		ug/L		111	43 - 135	3	30
Benzo[a]anthracene			2.86	3.861	*+	ug/L		135	42 - 133	8	30
Benzo[a]pyrene			2.86	3.433		ug/L		120	32 - 148	4	30
Benzo[b]fluoranthene			2.86	3.891		ug/L		136	42 - 140	6	30
Benzo[g,h,i]perylene			2.86	3.134		ug/L		110	25 - 195	1	30
Benzo[k]fluoranthene			2.86	3.396		ug/L		119	25 - 146	5	30
Benzyl alcohol			2.86	1.182	*-	ug/L		41	57 - 130	3	30
Bis(2-chloroethoxy)methane			2.86	3.327		ug/L		116	49 - 165	1	30
Bis(2-chloroethyl)ether			2.86	3.390		ug/L		119	43 - 126	0	30
Bis(2-ethylhexyl) phthalate			2.86	3.456		ug/L		121	29 - 137	6	30
Butyl benzyl phthalate			2.86	3.139		ug/L		110	28 - 130	1	30
Chrysene			2.86	3.623		ug/L		127	47 - 130	6	30
Dibenz(a,h)anthracene			2.86	3.362		ug/L		118	32 - 200	4	30
Dibenzofuran			2.86	2.981		ug/L		104	48 - 130	7	30
Diethyl phthalate			2.86	3.458	*+	ug/L		121	53 - 120	5	30
Dimethyl phthalate			2.86	3.425		ug/L		120	67 - 120	2	30
Di-n-butyl phthalate			2.86	3.500	*+	ug/L		122	8 - 120	3	30
Di-n-octyl phthalate			2.86	3.559		ug/L		125	19 - 200	7	30
Fluoranthene			2.86	3.699		ug/L		129	43 - 130	2	30
Fluorene			2.86	2.993		ug/L		105	70 - 130	5	30
Hexachlorobenzene			2.86	3.443		ug/L		120	8 - 142	4	30
Hexachlorobutadiene			2.86	0.4179	J	ug/L		15	10 - 130	7	30
Hexachlorocyclopentadiene			2.86	0.8525		ug/L		30	10 - 130	7	30
Hexachloroethane			2.86	0.5647	J	ug/L		20	10 - 130	1	30
Indeno[1,2,3-cd]pyrene			2.86	3.077		ug/L		108	29 - 151	2	30
Isophorone			2.86	3.125		ug/L		109	47 - 180	2	30
Naphthalene			2.86	1.784		ug/L		62	36 - 120	2	30
Nitrobenzene			2.86	2.878		ug/L		101	54 - 130	4	30
N-Nitrosodi-n-propylamine			2.86	2.724		ug/L		95	14 - 198	4	30
N-Nitrosodiphenylamine			2.86	3.513		ug/L		123	40 - 127	5	30
Pentachlorophenol			2.86	3.020		ug/L		106	38 - 152	2	30
Phenanthrene			2.86	3.405		ug/L		119	65 - 120	5	30
Phenol			2.86	0.9435	J	ug/L		33	17 - 120	3	30
Pyrene			2.86	3.733	*+	ug/L		131	70 - 130	1	30
Pyridine			2.86	1.844	J *1	ug/L		65	1 - 126	93	30
N-Nitro-o-toluidine			2.86	2.687		ug/L		94	47 - 130	3	30
2,3,4,6-Tetrachlorophenol			2.86	2.854		ug/L		100	33 - 132	4	30
Acetophenone			2.86	3.073		ug/L		108	58 - 130	0	30
N-Nitrosopiperidine			2.86	2.653		ug/L		93	54 - 130	1	30
Pentachlorobenzene			2.86	2.629		ug/L		92	47 - 130	1	30
Diphenyl ether			2.86	2.345		ug/L		82	61 - 130	1	30
1,1'-Biphenyl			2.86	2.144		ug/L		75	52 - 130	5	30
4-Aminobiphenyl			2.86	2.559		ug/L		90	35 - 130	4	30
1,2,4,5-Tetrachlorobenzene			2.86	1.287	*-	ug/L		45	52 - 130	3	30
1,3,5-Trinitrobenzene			2.86	3.543		ug/L		124	42 - 130	1	30
1,3-Dinitrobenzene			2.86	3.336		ug/L		117	54 - 130	3	30
1,4-Naphthoquinone			2.86	2.809		ug/L		98	34 - 130	10	30
1-Naphthylamine			2.86	1.744		ug/L		61	40 - 130	12	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199899/3-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199899

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,6-Dichlorophenol			2.86	2.935		ug/L		103	40 - 130	2	30
2-Acetylaminofluorene			2.86	4.279		ug/L		150	50 - 150	4	30
2-Chlorophenol			2.86	2.626		ug/L		92	36 - 120	2	30
2-Naphthylamine			2.86	1.651		ug/L		58	30 - 130	3	30
2-Picoline			2.86	1.084	*1	ug/L		38	22 - 130	70	30
2-Toluidine			2.86	1.604		ug/L		56	30 - 130	3	30
3,3'-Dichlorobenzidine			2.86	3.254		ug/L		114	20 - 150	0	30
3,3'-Dimethylbenzidine			2.86	1.688		ug/L		59	30 - 130	28	30
3-Methylcholanthrene			2.86	3.146		ug/L		110	53 - 130	4	30
4-Nitroquinoline-1-oxide			2.86	2.340		ug/L		82	39 - 130	11	30
7,12-Dimethylbenz(a)anthracene			2.86	3.572		ug/L		125	63 - 130	7	30
alpha,alpha-Dimethyl phenethylamine			2.86	<3.67	U *-	ug/L		0	20 - 130	NC	30
Aramite Peak 1			1.43	1.831		ug/L		128	69 - 130	2	30
Aramite Peak 2			1.43	1.665		ug/L		117	65 - 130	3	30
Diallate Peak 1			2.11	2.493		ug/L		118	69 - 130	5	30
Diallate Peak 2			0.743	0.9043		ug/L		122	67 - 130	3	30
Ethyl methanesulfonate			2.86	2.113		ug/L		74	54 - 130	1	30
Hexachloropropene			2.86	0.5085	J *-	ug/L		18	37 - 130	2	30
Isosafrole Peak 1			0.457	0.4163	J	ug/L		91	54 - 130	2	30
Isosafrole Peak 2			2.40	2.423		ug/L		101	62 - 130	4	30
Methyl methanesulfonate			2.86	1.059		ug/L		37	30 - 130	7	30
N-Nitrosodiethylamine			2.86	2.881		ug/L		101	54 - 130	3	30
N-Nitrosodimethylamine			2.86	0.6327	*-	ug/L		22	28 - 126	5	30
N-Nitrosodi-n-butylamine			2.86	3.227		ug/L		113	58 - 130	4	30
N-Nitrosomethylethylamine			2.86	1.779		ug/L		62	45 - 130	3	30
N-Nitrosomorpholine			2.86	1.309		ug/L		46	37 - 130	3	30
N-Nitrosopyrrolidine			2.86	1.180	I *-	ug/L		41	47 - 130	8	30
p-Dimethylamino azobenzene			2.86	3.201		ug/L		112	61 - 130	5	30
Pentachloronitrobenzene			2.86	3.653		ug/L		128	56 - 130	4	30
Phenacetin			2.86	2.740		ug/L		96	70 - 130	1	30
p-Phenylene diamine			2.86	<0.500	U *-	ug/L		0	3 - 120	NC	30
Pronamide			2.86	3.954	*+	ug/L		138	70 - 130	3	30
Safrole, Total			2.86	2.574		ug/L		90	70 - 130	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*107*		*35 - 130*
2-Fluorobiphenyl	*103*		*43 - 130*
2-Fluorophenol (Surr)	*51*		*19 - 120*
Nitrobenzene-d5 (Surr)	*111*		*37 - 133*
Phenol-d5 (Surr)	*31*		*8 - 124*
p-Terphenyl-d14	*121*		*47 - 130*

Lab Sample ID: 860-86937-6 MS
Matrix: Water
Analysis Batch: 205491

Client Sample ID: MW-18
Prep Type: Total/NA
Prep Batch: 199899

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	<0.0764	U *-	2.86	1.678		ug/L		59	44 - 142

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-86937-6 MS
Matrix: Water
Analysis Batch: 205491

Client Sample ID: MW-18
Prep Type: Total/NA
Prep Batch: 199899

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichlorobenzene	0.184	J	2.86	2.127		ug/L		68	51 - 130
1,3-Dichlorobenzene	<0.101	U	2.86	1.609		ug/L		56	47 - 130
1,4-Dichlorobenzene	0.323	J	2.86	2.065		ug/L		61	46 - 130
2,2'-oxybis[1-chloropropane]	<1.42	U	2.86	3.592	I	ug/L		126	36 - 166
2,4,5-Trichlorophenol	<0.143	U F1	2.86	4.969	F1	ug/L		174	35 - 130
2,4,6-Trichlorophenol	<0.230	U F1	2.86	5.159	F1	ug/L		180	37 - 144
2,4-Dichlorophenol	<0.140	U F1	2.86	4.020	F1	ug/L		140	39 - 135
2,4-Dimethylphenol	<0.192	U *+ F1	2.86	5.061	F1	ug/L		177	32 - 120
1,4-Dioxane	7.87		2.86	9.534		ug/L		58	28 - 130
2,4-Dinitrophenol	<0.104	U	2.86	2.782	J	ug/L		97	26 - 191
2,4-Dinitrotoluene	<0.204	U	2.86	3.068		ug/L		107	39 - 139
2,6-Dinitrotoluene	<0.116	U	2.86	4.093		ug/L		143	50 - 158
2-Chloronaphthalene	<0.377	U	2.86	3.239		ug/L		113	60 - 120
2-Methylnaphthalene	<0.0601	U	2.86	2.583		ug/L		90	25 - 175
2-Methylphenol	<0.104	U	2.86	3.561		ug/L		124	14 - 176
2-Nitroaniline	<0.149	U F1	2.86	3.795	F1	ug/L		133	59 - 130
2-Nitrophenol	<0.136	U	2.86	4.379		ug/L		153	29 - 182
3 & 4 Methylphenol	<0.138	U	2.86	3.316		ug/L		116	22 - 130
3-Nitroaniline	<0.0850	U	2.86	2.123		ug/L		74	30 - 130
4,6-Dinitro-2-methylphenol	<0.201	U	2.86	3.187		ug/L		111	25 - 181
4-Bromophenyl phenyl ether	<0.100	U	2.86	2.788		ug/L		97	53 - 127
4-Chloro-3-methylphenol	<0.103	U	2.86	4.125		ug/L		144	22 - 147
4-Chloroaniline	<0.0384	U	2.86	1.954		ug/L		68	30 - 130
4-Chlorophenyl phenyl ether	<0.130	U	2.86	2.761		ug/L		96	25 - 158
4-Nitroaniline	<0.108	U	2.86	2.708		ug/L		95	53 - 130
Acenaphthene	0.785		2.86	4.131		ug/L		117	47 - 145
Acenaphthylene	<0.0994	U F1	2.86	4.291	F1	ug/L		150	33 - 145
Aniline	0.379	J I	2.86	1.713		ug/L		47	20 - 130
Anthracene	<0.0935	U F1	2.86	3.997	F1	ug/L		140	27 - 133
Benzo[a]anthracene	<0.0285	U *+ F1	2.86	4.193	F1	ug/L		147	33 - 143
Benzo[a]pyrene	<0.0299	U	2.86	4.068		ug/L		142	17 - 163
Benzo[b]fluoranthene	<0.0662	U	2.86	3.681		ug/L		129	24 - 159
Benzo[g,h,i]perylene	<0.0344	U	2.86	3.456		ug/L		121	25 - 219
Benzo[k]fluoranthene	<0.0471	U	2.86	3.529		ug/L		123	11 - 162
Benzyl alcohol	<0.598	U *-	2.86	2.486		ug/L		87	57 - 130
Bis(2-chloroethoxy)methane	<0.0972	U	2.86	4.173		ug/L		146	33 - 184
Bis(2-chloroethyl)ether	0.764		2.86	4.680		ug/L		137	12 - 158
Bis(2-ethylhexyl) phthalate	<0.897	U F1	2.86	5.222	F1	ug/L		183	8 - 158
Butyl benzyl phthalate	<0.499	U F1	2.86	4.623	F1	ug/L		162	70 - 152
Chrysene	<0.0813	U	2.86	3.826		ug/L		134	17 - 168
Dibenz(a,h)anthracene	<0.0507	U	2.86	3.803		ug/L		133	32 - 227
Dibenzofuran	<0.106	U	2.86	2.782		ug/L		97	48 - 130
Diethyl phthalate	<0.154	U *+ F1	2.86	3.753	F1	ug/L		131	25 - 120
Dimethyl phthalate	<0.108	U F1 *+	2.86	4.334	F1	ug/L		151	25 - 120
Di-n-butyl phthalate	<0.763	U *+ F1	2.86	3.985	F1	ug/L		139	1 - 120
Di-n-octyl phthalate	<0.268	U F1	2.86	5.946	F1	ug/L		208	4 - 146
Fluoranthene	<0.0881	U F1	2.86	4.527	F1	ug/L		158	26 - 137
Fluorene	0.109	J	2.86	3.438		ug/L		116	59 - 121
Hexachlorobenzene	<0.0972	U	2.86	3.129		ug/L		109	8 - 152

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-86937-6 MS
Matrix: Water
Analysis Batch: 205491

Client Sample ID: MW-18
Prep Type: Total/NA
Prep Batch: 199899

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorobutadiene	<0.102	U F1	2.86	0.6242	F1	ug/L		22	24 - 120
Hexachlorocyclopentadiene	<0.0511	U	2.86	1.367		ug/L		48	30 - 130
Hexachloroethane	<0.102	U F1	2.86	0.9675	F1	ug/L		34	40 - 120
Indeno[1,2,3-cd]pyrene	<0.0997	U	2.86	3.798		ug/L		133	29 - 171
Isophorone	<0.106	U	2.86	3.884		ug/L		136	21 - 196
Naphthalene	0.106	J	2.86	3.240		ug/L		110	21 - 133
Nitrobenzene	0.480	J	2.86	4.298		ug/L		133	35 - 180
N-Nitrosodi-n-propylamine	<0.118	U	2.86	4.428		ug/L		155	14 - 230
N-Nitrosodiphenylamine	<0.144	U	2.86	3.598		ug/L		126	60 - 130
Pentachlorophenol	<1.04	U	2.86	4.515		ug/L		158	14 - 176
Phenanthrene	<0.134	U F1	2.86	3.889	F1	ug/L		136	54 - 120
Phenol	10.6	I	2.86	12.95	I	ug/L		80	5 - 120
Pyrene	<0.0846	U *+ F1	2.86	4.572	F1	ug/L		160	52 - 120
Pyridine	<1.43	U *1	2.86	2.334	J	ug/L		82	5 - 120
N-Nitro-o-toluidine	<0.519	U	2.86	2.619		ug/L		92	47 - 130
2,3,4,6-Tetrachlorophenol	<0.210	U F1	2.86	5.049	F1	ug/L		176	33 - 132
Acetophenone	<0.622	U F1	2.86	4.959	F1	ug/L		173	58 - 130
N-Nitrosopiperidine	<0.466	U F1	2.86	3.803	F1	ug/L		133	54 - 130
Pentachlorobenzene	<0.265	U	2.86	1.522		ug/L		53	47 - 130
1,1'-Biphenyl	1.99	F1	2.86	3.170	F1	ug/L		41	52 - 130
4-Aminobiphenyl	<0.393	U F2 F1	2.86	0.8997	F1	ug/L		31	35 - 130
1,2,4,5-Tetrachlorobenzene	<0.0955	U *- F1	2.86	1.874		ug/L		65	52 - 130
1,3,5-Trinitrobenzene	<0.118	U	2.86	2.167		ug/L		76	42 - 130
1,3-Dinitrobenzene	<0.0771	U F1	2.86	4.074	F1	ug/L		142	54 - 130
1,4-Naphthoquinone	<0.313	U F2 F1	2.86	1.233		ug/L		43	34 - 130
1-Naphthylamine	<0.148	U F2 F1	2.86	0.9075	F1	ug/L		32	40 - 130
2,6-Dichlorophenol	<0.118	U F1	2.86	4.159	F1	ug/L		145	40 - 130
2-Acetylaminofluorene	<1.26	U F1 *+	2.86	6.753	F1	ug/L		236	50 - 150
2-Chlorophenol	<0.0754	U F1	2.86	3.959	F1	ug/L		138	23 - 134
2-Naphthylamine	<0.287	U F2 F1	2.86	0.6477	F1	ug/L		23	30 - 130
2-Picoline	<0.122	U *- *1	2.86	0.8185		ug/L		29	22 - 130
2-Toluidine	<0.305	U F2	2.86	1.731		ug/L		61	30 - 130
3,3'-Dichlorobenzidine	<0.183	U F2 F1	2.86	0.9899		ug/L		35	25 - 200
3,3'-Dimethylbenzidine	<0.141	U F1	2.86	<0.142	U F1	ug/L		0	30 - 130
3-Methylcholanthrene	<0.104	U	2.86	3.483		ug/L		122	53 - 130
4-Nitroquinoline-1-oxide	<0.728	U F2 F1	2.86	1.375		ug/L		48	39 - 130
7,12-Dimethylbenz(a)anthracene	<0.240	U F2 F1	2.86	1.210	F1	ug/L		42	63 - 130
alpha,alpha-Dimethyl phenethylamine	<3.66	U *-	2.86	<3.68	U	ug/L		NC	20 - 130
Aramite Peak 1	<0.0783	U F1	1.43	2.560	F1	ug/L		179	69 - 130
Aramite Peak 2	<0.0951	U F1	1.43	2.449	F1	ug/L		171	65 - 130
Diallate Peak 1	<0.0832	U F1	2.12	2.944	F1	ug/L		139	69 - 130
Diallate Peak 2	<0.0384	U	0.744	0.9623		ug/L		129	67 - 130
Ethyl methanesulfonate	<0.226	U	2.86	3.343		ug/L		117	54 - 130
Hexachloropropene	<0.299	U *- F1	2.86	0.8028	F1	ug/L		28	37 - 130
Isosafrole Peak 1	<0.0462	U F1	0.458	0.5983	F1	ug/L		131	54 - 130
Isosafrole Peak 2	<0.240	U F1	2.40	3.277	F1	ug/L		136	62 - 130
Methyl methanesulfonate	<0.120	U	2.86	1.352		ug/L		47	30 - 130
N-Nitrosodiethylamine	<0.537	U F1	2.86	3.961	F1	ug/L		138	54 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-86937-6 MS
Matrix: Water
Analysis Batch: 205491

Client Sample ID: MW-18
Prep Type: Total/NA
Prep Batch: 199899

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
N-Nitrosodimethylamine	<0.0997	U *- F1	2.86	1.086		ug/L		38	30 - 130
N-Nitrosodi-n-butylamine	<0.514	U F1	2.86	4.986	F1	ug/L		174	58 - 130
N-Nitrosomethylethylamine	<0.293	U	2.86	2.476		ug/L		87	45 - 130
N-Nitrosomorpholine	<0.220	U	2.86	1.644		ug/L		57	37 - 130
N-Nitrosopyrrolidine	<0.267	U *-	2.86	2.494		ug/L		87	47 - 130
p-Dimethylamino azobenzene	<0.0237	U F1	2.86	5.005	F1	ug/L		175	61 - 130
Pentachloronitrobenzene	<0.0997	U F1 *+	2.86	3.815	F1	ug/L		133	56 - 130
Phenacetin	<0.0997	U F1	2.86	3.506		ug/L		123	70 - 130
p-Phenylene diamine	<0.499	U *- F1	2.86	<0.501	U F1	ug/L		0	3 - 120
Pronamide	<0.0997	U *+ F1	2.86	4.245	F1	ug/L		148	70 - 130
Safrole, Total	<0.0569	U F1	2.86	3.811	F1	ug/L		133	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*119*		*35 - 130*
2-Fluorobiphenyl	*86*		*43 - 130*
2-Fluorophenol (Surr)	*75*		*19 - 120*
Nitrobenzene-d5 (Surr)	*123*		*37 - 133*
Phenol-d5 (Surr)	*49*		*8 - 124*
p-Terphenyl-d14	*146*	*S1+*	*47 - 130*

Lab Sample ID: 860-86937-6 MSD
Matrix: Water
Analysis Batch: 205491

Client Sample ID: MW-18
Prep Type: Total/NA
Prep Batch: 199899

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	<0.0764	U *-	2.85	1.696		ug/L		59	44 - 142	1	30
1,2-Dichlorobenzene	0.184	J	2.85	2.120		ug/L		68	51 - 130	0	30
1,3-Dichlorobenzene	<0.101	U	2.85	1.666		ug/L		58	47 - 130	4	30
1,4-Dichlorobenzene	0.323	J	2.85	2.080		ug/L		62	46 - 130	1	30
2,2'-oxybis[1-chloropropane]	<1.42	U	2.85	3.660		ug/L		128	36 - 166	2	30
2,4,5-Trichlorophenol	<0.143	U F1	2.85	5.063	F1	ug/L		177	35 - 130	2	30
2,4,6-Trichlorophenol	<0.230	U F1	2.85	5.019	F1	ug/L		176	37 - 144	3	30
2,4-Dichlorophenol	<0.140	U F1	2.85	3.942	F1	ug/L		138	39 - 135	2	30
2,4-Dimethylphenol	<0.192	U *+ F1	2.85	4.598	F1	ug/L		161	32 - 120	10	30
1,4-Dioxane	7.87		2.85	10.15		ug/L		80	28 - 130	6	30
2,4-Dinitrophenol	<0.104	U	2.85	2.564	J	ug/L		90	26 - 191	8	30
2,4-Dinitrotoluene	<0.204	U	2.85	3.020		ug/L		106	39 - 139	2	30
2,6-Dinitrotoluene	<0.116	U	2.85	4.287		ug/L		150	50 - 158	5	30
2-Chloronaphthalene	<0.377	U	2.85	3.163		ug/L		111	60 - 120	2	30
2-Methylnaphthalene	<0.0601	U	2.85	2.542		ug/L		89	25 - 175	2	30
2-Methylphenol	<0.104	U	2.85	3.759		ug/L		132	14 - 176	5	30
2-Nitroaniline	<0.149	U F1	2.85	3.818	F1	ug/L		134	59 - 130	1	30
2-Nitrophenol	<0.136	U	2.85	4.268		ug/L		150	29 - 182	3	30
3 & 4 Methylphenol	<0.138	U	2.85	3.479		ug/L		122	22 - 130	5	30
3-Nitroaniline	<0.0850	U	2.85	1.920		ug/L		67	30 - 130	10	30
4,6-Dinitro-2-methylphenol	<0.201	U	2.85	3.189		ug/L		112	25 - 181	0	30
4-Bromophenyl phenyl ether	<0.100	U	2.85	2.780		ug/L		97	53 - 127	0	30
4-Chloro-3-methylphenol	<0.103	U	2.85	4.052		ug/L		142	22 - 147	2	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-86937-6 MSD
Client Sample ID: MW-18
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 205491
Prep Batch: 199899

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chloroaniline	<0.0384	U	2.85	1.545		ug/L		54	30 - 130	23	30
4-Chlorophenyl phenyl ether	<0.130	U	2.85	2.750		ug/L		96	25 - 158	0	30
4-Nitroaniline	<0.108	U	2.85	2.525		ug/L		89	53 - 130	7	30
Acenaphthene	0.785		2.85	4.091		ug/L		116	47 - 145	1	30
Acenaphthylene	<0.0994	U F1	2.85	4.092		ug/L		143	33 - 145	5	30
Aniline	0.379	J I	2.85	1.863		ug/L		52	20 - 130	8	30
Anthracene	<0.0935	U F1	2.85	3.606		ug/L		126	27 - 133	10	30
Benzo[a]anthracene	<0.0285	U *+ F1	2.85	4.728	F1	ug/L		166	33 - 143	12	30
Benzo[a]pyrene	<0.0299	U	2.85	3.792		ug/L		133	17 - 163	7	30
Benzo[b]fluoranthene	<0.0662	U	2.85	4.203		ug/L		147	24 - 159	13	30
Benzo[g,h,i]perylene	<0.0344	U	2.85	3.421		ug/L		120	25 - 219	1	30
Benzo[k]fluoranthene	<0.0471	U	2.85	3.938		ug/L		138	11 - 162	11	30
Benzyl alcohol	<0.598	U *-	2.85	2.598		ug/L		91	57 - 130	4	30
Bis(2-chloroethoxy)methane	<0.0972	U	2.85	4.010		ug/L		141	33 - 184	4	30
Bis(2-chloroethyl)ether	0.764		2.85	4.781		ug/L		141	12 - 158	2	30
Bis(2-ethylhexyl) phthalate	<0.897	U F1	2.85	5.646	F1	ug/L		198	8 - 158	8	30
Butyl benzyl phthalate	<0.499	U F1	2.85	4.399	F1	ug/L		154	70 - 152	5	30
Chrysene	<0.0813	U	2.85	4.277		ug/L		150	17 - 168	11	30
Dibenz(a,h)anthracene	<0.0507	U	2.85	3.758		ug/L		132	32 - 227	1	30
Dibenzofuran	<0.106	U	2.85	2.721		ug/L		95	48 - 130	2	30
Diethyl phthalate	<0.154	U *+ F1	2.85	3.667	F1	ug/L		129	25 - 120	2	30
Dimethyl phthalate	<0.108	U F1 *+	2.85	4.283	F1	ug/L		150	25 - 120	1	30
Di-n-butyl phthalate	<0.763	U *+ F1	2.85	3.880	F1	ug/L		136	1 - 120	3	30
Di-n-octyl phthalate	<0.268	U F1	2.85	6.511	F1	ug/L		228	4 - 146	9	30
Fluoranthene	<0.0881	U F1	2.85	4.564	F1	ug/L		160	26 - 137	1	30
Fluorene	0.109	J	2.85	3.362		ug/L		114	59 - 121	2	30
Hexachlorobenzene	<0.0972	U	2.85	3.074		ug/L		108	8 - 152	2	30
Hexachlorobutadiene	<0.102	U F1	2.85	0.7080		ug/L		25	24 - 120	13	30
Hexachlorocyclopentadiene	<0.0511	U	2.85	1.599		ug/L		56	30 - 130	16	30
Hexachloroethane	<0.102	U F1	2.85	1.109	F1	ug/L		39	40 - 120	14	30
Indeno[1,2,3-cd]pyrene	<0.0997	U	2.85	3.710		ug/L		130	29 - 171	2	30
Isophorone	<0.106	U	2.85	3.786		ug/L		133	21 - 196	3	30
Naphthalene	0.106	J	2.85	3.225		ug/L		109	21 - 133	0	30
Nitrobenzene	0.480	J	2.85	4.337		ug/L		135	35 - 180	1	30
N-Nitrosodi-n-propylamine	<0.118	U	2.85	4.421		ug/L		155	14 - 230	0	30
N-Nitrosodiphenylamine	<0.144	U	2.85	3.511		ug/L		123	60 - 130	2	30
Pentachlorophenol	<1.04	U	2.85	4.225		ug/L		148	14 - 176	7	30
Phenanthrene	<0.134	U F1	2.85	3.775	F1	ug/L		132	54 - 120	3	30
Phenol	10.6	I	2.85	13.90	I	ug/L		114	5 - 120	7	30
Pyrene	<0.0846	U *+ F1	2.85	4.539	F1	ug/L		159	52 - 120	1	30
Pyridine	<1.43	U *1	2.85	2.263	J I	ug/L		79	5 - 120	3	30
N-Nitro-o-toluidine	<0.519	U	2.85	2.392		ug/L		84	47 - 130	9	30
2,3,4,6-Tetrachlorophenol	<0.210	U F1	2.85	4.761	F1	ug/L		167	33 - 132	6	30
Acetophenone	<0.622	U F1	2.85	4.950	F1	ug/L		173	58 - 130	0	30
N-Nitrosopiperidine	<0.466	U F1	2.85	3.627		ug/L		127	54 - 130	5	30
Pentachlorobenzene	<0.265	U	2.85	1.607		ug/L		56	47 - 130	5	30
1,1'-Biphenyl	1.99	F1	2.85	3.177	F1	ug/L		42	52 - 130	0	30
4-Aminobiphenyl	<0.393	U F2 F1	2.85	0.5448	J F2 F1	ug/L		19	35 - 130	49	30
1,2,4,5-Tetrachlorobenzene	<0.0955	U *- F1	2.85	1.887		ug/L		66	52 - 130	1	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: 860-86937-6 MSD
Client Sample ID: MW-18
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 205491
Prep Batch: 199899

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,3,5-Trinitrobenzene	<0.118	U	2.85	2.022		ug/L		71	42 - 130	7	30
1,3-Dinitrobenzene	<0.0771	U F1	2.85	4.081	F1	ug/L		143	54 - 130	0	30
1,4-Naphthoquinone	<0.313	U F2 F1	2.85	1.192		ug/L		42	34 - 130	3	30
1-Naphthylamine	<0.148	U F2 F1	2.85	0.1496	J I F2 F1	ug/L		5	40 - 130	143	30
2,6-Dichlorophenol	<0.118	U F1	2.85	4.011	F1	ug/L		141	40 - 130	4	30
2-Acetylaminofluorene	<1.26	U F1 *+	2.85	6.287	F1	ug/L		220	50 - 150	7	30
2-Chlorophenol	<0.0754	U F1	2.85	4.111	F1	ug/L		144	23 - 134	4	30
2-Naphthylamine	<0.287	U F2 F1	2.85	<0.288	U F1	ug/L		0	30 - 130	NC	30
2-Picoline	<0.122	U *- *1	2.85	0.8479		ug/L		30	22 - 130	4	30
2-Toluidine	<0.305	U F2	2.85	1.445		ug/L		51	30 - 130	18	30
3,3'-Dichlorobenzidine	<0.183	U F2 F1	2.85	0.6600	F2 F1	ug/L		23	25 - 200	40	30
3,3'-Dimethylbenzidine	<0.141	U F1	2.85	<0.142	U F1	ug/L		0	30 - 130	NC	30
3-Methylcholanthrene	<0.104	U	2.85	2.690		ug/L		94	53 - 130	26	30
4-Nitroquinoline-1-oxide	<0.728	U F2 F1	2.85	0.8364	J F2 F1	ug/L		29	39 - 130	49	30
7,12-Dimethylbenz(a)anthracene	<0.240	U F2 F1	2.85	0.2798	J F2 F1	ug/L		10	63 - 130	125	30
alpha,alpha-Dimethyl phenethylamine	<3.66	U *-	2.85	<3.67	U	ug/L		NC	20 - 130	NC	30
Aramite Peak 1	<0.0783	U F1	1.43	2.642	F1	ug/L		185	69 - 130	3	30
Aramite Peak 2	<0.0951	U F1	1.43	2.289	F1	ug/L		160	65 - 130	7	30
Diallate Peak 1	<0.0832	U F1	2.11	3.117	F1	ug/L		148	69 - 130	6	30
Diallate Peak 2	<0.0384	U	0.742	0.9825	F1	ug/L		132	67 - 130	2	30
Ethyl methanesulfonate	<0.226	U	2.85	3.458		ug/L		121	54 - 130	3	30
Hexachloropropene	<0.299	U *- F1	2.85	0.9226	F1	ug/L		32	37 - 130	14	30
Isosafrole Peak 1	<0.0462	U F1	0.456	0.5789		ug/L		127	54 - 130	3	30
Isosafrole Peak 2	<0.240	U F1	2.40	3.070		ug/L		128	62 - 130	7	30
Methyl methanesulfonate	<0.120	U	2.85	1.423		ug/L		50	30 - 130	5	30
N-Nitrosodiethylamine	<0.537	U F1	2.85	4.100	F1	ug/L		144	54 - 130	3	30
N-Nitrosodimethylamine	<0.0997	U *- F1	2.85	1.055		ug/L		37	30 - 130	3	30
N-Nitrosodi-n-butylamine	<0.514	U F1	2.85	4.752	F1	ug/L		167	58 - 130	5	30
N-Nitrosomethylethylamine	<0.293	U	2.85	2.618		ug/L		92	45 - 130	6	30
N-Nitrosomorpholine	<0.220	U	2.85	1.654		ug/L		58	37 - 130	1	30
N-Nitrosopyrrolidine	<0.267	U *-	2.85	2.478		ug/L		87	47 - 130	1	30
p-Dimethylamino azobenzene	<0.0237	U F1	2.85	4.305	F1	ug/L		151	61 - 130	15	30
Pentachloronitrobenzene	<0.0997	U F1 *+	2.85	3.846	F1	ug/L		135	56 - 130	1	30
Phenacetin	<0.0997	U F1	2.85	3.609		ug/L		127	70 - 130	3	30
p-Phenylene diamine	<0.499	U *- F1	2.85	<0.499	U F1	ug/L		0	3 - 120	NC	30
Pronamide	<0.0997	U *+ F1	2.85	4.197	F1	ug/L		147	70 - 130	1	30
Safrole, Total	<0.0569	U F1	2.85	3.637		ug/L		127	70 - 130	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*126*		*35 - 130*
2-Fluorobiphenyl	*85*		*43 - 130*
2-Fluorophenol (Surr)	*78*		*19 - 120*
Nitrobenzene-d5 (Surr)	*123*		*37 - 133*
Phenol-d5 (Surr)	*49*		*8 - 124*
p-Terphenyl-d14	*142*	*S1+*	*47 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-200832/1-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,4-Dimethylphenol	<0.192	U	0.571	0.192	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/20/24 07:01	11/20/24 21:32	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/20/24 07:01	11/20/24 21:32	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/20/24 07:01	11/20/24 21:32	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/20/24 07:01	11/20/24 21:32	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/20/24 07:01	11/20/24 21:32	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/20/24 07:01	11/20/24 21:32	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/20/24 07:01	11/20/24 21:32	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/20/24 07:01	11/20/24 21:32	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/20/24 07:01	11/20/24 21:32	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/20/24 07:01	11/20/24 21:32	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/20/24 07:01	11/20/24 21:32	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/20/24 07:01	11/20/24 21:32	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/20/24 07:01	11/20/24 21:32	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		11/20/24 07:01	11/20/24 21:32	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/20/24 07:01	11/20/24 21:32	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/20/24 07:01	11/20/24 21:32	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/20/24 07:01	11/20/24 21:32	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/20/24 07:01	11/20/24 21:32	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/20/24 07:01	11/20/24 21:32	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/20/24 07:01	11/20/24 21:32	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		11/20/24 07:01	11/20/24 21:32	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/20/24 07:01	11/20/24 21:32	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/20/24 07:01	11/20/24 21:32	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/20/24 07:01	11/20/24 21:32	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/20/24 07:01	11/20/24 21:32	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/20/24 07:01	11/20/24 21:32	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-200832/1-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/20/24 07:01	11/20/24 21:32	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/20/24 07:01	11/20/24 21:32	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/20/24 07:01	11/20/24 21:32	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/20/24 07:01	11/20/24 21:32	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/20/24 07:01	11/20/24 21:32	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/20/24 07:01	11/20/24 21:32	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/20/24 07:01	11/20/24 21:32	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		11/20/24 07:01	11/20/24 21:32	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/20/24 07:01	11/20/24 21:32	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/20/24 07:01	11/20/24 21:32	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/20/24 07:01	11/20/24 21:32	1
Phenol	<0.448	U	2.86	0.448	ug/L		11/20/24 07:01	11/20/24 21:32	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/20/24 07:01	11/20/24 21:32	1
Pyridine	<1.44	U	2.86	1.44	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/20/24 07:01	11/20/24 21:32	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/20/24 07:01	11/20/24 21:32	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/20/24 07:01	11/20/24 21:32	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/20/24 07:01	11/20/24 21:32	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/20/24 07:01	11/20/24 21:32	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/20/24 07:01	11/20/24 21:32	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/20/24 07:01	11/20/24 21:32	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/20/24 07:01	11/20/24 21:32	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/20/24 07:01	11/20/24 21:32	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		11/20/24 07:01	11/20/24 21:32	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		11/20/24 07:01	11/20/24 21:32	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/20/24 07:01	11/20/24 21:32	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/20/24 07:01	11/20/24 21:32	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/20/24 07:01	11/20/24 21:32	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/20/24 07:01	11/20/24 21:32	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/20/24 07:01	11/20/24 21:32	1
Dimethoate	<0.122	U	0.571	0.122	ug/L		11/20/24 07:01	11/20/24 21:32	1
Dinoseb	<0.570	U	2.86	0.570	ug/L		11/20/24 07:01	11/20/24 21:32	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-200832/1-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Disulfoton	<0.203	U	0.571	0.203	ug/L		11/20/24 07:01	11/20/24 21:32	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/20/24 07:01	11/20/24 21:32	1
Ethyl Parathion	<0.0502	U	0.229	0.0502	ug/L		11/20/24 07:01	11/20/24 21:32	1
Famphur	<0.151	U	1.14	0.151	ug/L		11/20/24 07:01	11/20/24 21:32	1
Hexachloropropene	<0.300	U	0.571	0.300	ug/L		11/20/24 07:01	11/20/24 21:32	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/20/24 07:01	11/20/24 21:32	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/20/24 07:01	11/20/24 21:32	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/20/24 07:01	11/20/24 21:32	1
Methapyrilene	<1.00	U	2.29	1.00	ug/L		11/20/24 07:01	11/20/24 21:32	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/20/24 07:01	11/20/24 21:32	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		11/20/24 07:01	11/20/24 21:32	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		11/20/24 07:01	11/20/24 21:32	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		11/20/24 07:01	11/20/24 21:32	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/20/24 07:01	11/20/24 21:32	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/20/24 07:01	11/20/24 21:32	1
Phorate	<0.221	U	0.571	0.221	ug/L		11/20/24 07:01	11/20/24 21:32	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		11/20/24 07:01	11/20/24 21:32	1
Pronamide	<0.100	U	0.571	0.100	ug/L		11/20/24 07:01	11/20/24 21:32	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/20/24 07:01	11/20/24 21:32	1
Sulfotepp	<0.147	U	0.571	0.147	ug/L		11/20/24 07:01	11/20/24 21:32	1
Thionazin	<0.208	U	1.14	0.208	ug/L		11/20/24 07:01	11/20/24 21:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*138*	*S1+*	*35 - 130*	*11/20/24 07:01*	*11/20/24 21:32*	*1*
2-Fluorobiphenyl	*126*		*43 - 130*	*11/20/24 07:01*	*11/20/24 21:32*	*1*
2-Fluorophenol (Surr)	*67*		*19 - 120*	*11/20/24 07:01*	*11/20/24 21:32*	*1*
Nitrobenzene-d5 (Surr)	*100*		*37 - 133*	*11/20/24 07:01*	*11/20/24 21:32*	*1*
Phenol-d5 (Surr)	*45*		*8 - 124*	*11/20/24 07:01*	*11/20/24 21:32*	*1*
p-Terphenyl-d14	*99*		*47 - 130*	*11/20/24 07:01*	*11/20/24 21:32*	*1*

Lab Sample ID: LCS 860-200832/2-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	2.86	1.141		ug/L		40	32 - 130
1,2-Dichlorobenzene	2.86	1.318		ug/L		46	32 - 130
1,3-Dichlorobenzene	2.86	1.186		ug/L		42	26 - 130
1,4-Dichlorobenzene	2.86	1.270		ug/L		44	28 - 130
2,2'-oxybis[1-chloropropane]	2.86	4.387	I	ug/L		154	10 - 173
2,4,5-Trichlorophenol	2.86	4.037	*+	ug/L		141	35 - 130
2,4,6-Trichlorophenol	2.86	3.947	*+	ug/L		138	52 - 129

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-200832/2-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dichlorophenol	2.86	3.191		ug/L		112	53 - 122
2,4-Dimethylphenol	2.86	4.373	*+	ug/L		153	42 - 120
1,4-Dioxane	2.86	1.043		ug/L		37	27 - 130
2,4-Dinitrophenol	2.86	2.154	J	ug/L		75	12 - 173
2,4-Dinitrotoluene	2.86	3.795	*+	ug/L		133	48 - 127
2,6-Dinitrotoluene	2.86	3.187		ug/L		112	68 - 137
2-Chloronaphthalene	2.86	2.059		ug/L		72	10 - 130
2-Methylnaphthalene	2.86	1.663		ug/L		58	25 - 175
2-Methylphenol	2.86	3.159		ug/L		111	14 - 176
2-Nitroaniline	2.86	3.808	*+	ug/L		133	59 - 130
2-Nitrophenol	2.86	3.580		ug/L		125	45 - 167
3 & 4 Methylphenol	2.86	3.337	I	ug/L		117	22 - 130
3-Nitroaniline	2.86	2.510		ug/L		88	30 - 130
4,6-Dinitro-2-methylphenol	2.86	2.942		ug/L		103	10 - 130
4-Bromophenyl phenyl ether	2.86	3.852	*+	ug/L		135	65 - 120
4-Chloro-3-methylphenol	2.86	3.612		ug/L		126	41 - 128
4-Chloroaniline	2.86	2.017		ug/L		71	30 - 130
4-Chlorophenyl phenyl ether	2.86	3.848		ug/L		135	38 - 145
4-Nitroaniline	2.86	3.149		ug/L		110	42 - 125
Acenaphthene	2.86	2.911		ug/L		102	60 - 132
Acenaphthylene	2.86	3.018		ug/L		106	54 - 126
Aniline	2.86	1.871		ug/L		66	15 - 130
Anthracene	2.86	2.915		ug/L		102	43 - 135
Benzo[a]anthracene	2.86	4.117	*+	ug/L		144	42 - 133
Benzo[a]pyrene	2.86	3.876		ug/L		136	32 - 148
Benzo[b]fluoranthene	2.86	4.488	*+	ug/L		157	42 - 140
Benzo[g,h,i]perylene	2.86	3.536		ug/L		124	25 - 195
Benzo[k]fluoranthene	2.86	3.968		ug/L		139	25 - 146
Benzyl alcohol	2.86	2.313		ug/L		81	57 - 130
Bis(2-chloroethoxy)methane	2.86	3.828		ug/L		134	49 - 165
Bis(2-chloroethyl)ether	2.86	4.823	*+	ug/L		169	43 - 126
Bis(2-ethylhexyl) phthalate	2.86	3.755		ug/L		131	29 - 137
Butyl benzyl phthalate	2.86	3.532		ug/L		124	28 - 130
Chrysene	2.86	3.814	*+	ug/L		133	47 - 130
Dibenz(a,h)anthracene	2.86	3.690		ug/L		129	32 - 200
Dibenzofuran	2.86	3.641		ug/L		127	48 - 130
Diethyl phthalate	2.86	3.315		ug/L		116	53 - 120
Dimethyl phthalate	2.86	3.255		ug/L		114	67 - 120
Di-n-butyl phthalate	2.86	3.408		ug/L		119	8 - 120
Di-n-octyl phthalate	2.86	4.608		ug/L		161	19 - 200
Fluoranthene	2.86	3.737	*+	ug/L		131	43 - 130
Fluorene	2.86	3.039		ug/L		106	70 - 130
Hexachlorobenzene	2.86	3.737		ug/L		131	8 - 142
Hexachlorobutadiene	2.86	0.6449		ug/L		23	10 - 130
Hexachlorocyclopentadiene	2.86	1.499		ug/L		52	10 - 130
Hexachloroethane	2.86	0.6096		ug/L		21	10 - 130
Indeno[1,2,3-cd]pyrene	2.86	3.618		ug/L		127	29 - 151
Isophorone	2.86	3.244		ug/L		114	47 - 180
Naphthalene	2.86	1.769		ug/L		62	36 - 120

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-200832/2-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrobenzene	2.86	3.052		ug/L		107	54 - 130
N-Nitrosodi-n-propylamine	2.86	4.378		ug/L		153	14 - 198
N-Nitrosodiphenylamine	2.86	3.841	*+	ug/L		134	40 - 127
Pentachlorophenol	2.86	3.709		ug/L		130	38 - 152
Phenanthrene	2.86	3.306		ug/L		116	65 - 120
Phenol	2.86	1.412	J	ug/L		49	17 - 120
Pyrene	2.86	3.727		ug/L		130	70 - 130
Pyridine	2.86	1.980	J	ug/L		69	1 - 126
N-Nitro-o-toluidine	2.86	3.133		ug/L		110	47 - 130
2,3,4,6-Tetrachlorophenol	2.86	3.989	*+	ug/L		140	33 - 132
Acetophenone	2.86	4.378	*+	ug/L		153	58 - 130
N-Nitrosopiperidine	2.86	2.662		ug/L		93	54 - 130
Pentachlorobenzene	2.86	3.028		ug/L		106	47 - 130
Diphenyl ether	2.86	2.733		ug/L		96	61 - 130
1,1'-Biphenyl	2.86	2.791		ug/L		98	52 - 130
4-Aminobiphenyl	2.86	2.722		ug/L		95	35 - 130
1,2,4,5-Tetrachlorobenzene	2.86	1.829		ug/L		64	52 - 130
1,3,5-Trinitrobenzene	2.86	3.519		ug/L		123	42 - 130
1,3-Dinitrobenzene	2.86	3.248		ug/L		114	54 - 130
1,4-Naphthoquinone	2.86	2.845		ug/L		100	34 - 130
1-Naphthylamine	2.86	1.575		ug/L		55	40 - 130
2,6-Dichlorophenol	2.86	3.235		ug/L		113	40 - 130
2-Acetylaminofluorene	2.86	6.254	*+	ug/L		219	50 - 150
2-Chlorophenol	2.86	3.438		ug/L		120	36 - 120
2-Naphthylamine	2.86	2.085		ug/L		73	30 - 130
2-Picoline	2.86	1.030		ug/L		36	22 - 130
2-Toluidine	2.86	0.4979	J *-	ug/L		17	30 - 130
3,3'-Dichlorobenzidine	2.86	3.933		ug/L		138	20 - 150
3,3'-Dimethylbenzidine	2.86	1.783		ug/L		62	30 - 130
3-Methylcholanthrene	2.86	3.564		ug/L		125	53 - 130
4-Nitroquinoline-1-oxide	2.86	2.732		ug/L		96	39 - 130
7,12-Dimethylbenz(a)anthracene	2.86	4.151	*+	ug/L		145	63 - 130
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U *-	ug/L		0	20 - 130
Aramite Peak 1	1.43	2.093	*+	ug/L		147	69 - 130
Aramite Peak 2	1.43	2.224	*+	ug/L		156	65 - 130
Diallate Peak 1	2.11	2.876	*+	ug/L		136	69 - 130
Diallate Peak 2	0.743	0.8625		ug/L		116	67 - 130
Ethyl methanesulfonate	2.86	2.850		ug/L		100	54 - 130
Hexachloropropene	2.86	0.6494	*-	ug/L		23	37 - 130
Isosafrole Peak 1	0.457	0.4363	J	ug/L		95	54 - 130
Isosafrole Peak 2	2.40	2.377		ug/L		99	62 - 130
Methyl methanesulfonate	2.86	1.223		ug/L		43	30 - 130
N-Nitrosodiethylamine	2.86	3.716		ug/L		130	54 - 130
N-Nitrosodimethylamine	2.86	0.7050	*-	ug/L		25	28 - 126
N-Nitrosodi-n-butylamine	2.86	3.817	*+	ug/L		134	58 - 130
N-Nitrosomethylethylamine	2.86	2.103		ug/L		74	45 - 130
N-Nitrosomorpholine	2.86	1.562		ug/L		55	37 - 130
N-Nitrosopyrrolidine	2.86	1.756		ug/L		61	47 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-200832/2-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
p-Dimethylamino azobenzene	2.86	3.323		ug/L		116	61 - 130
Pentachloronitrobenzene	2.86	3.640		ug/L		127	56 - 130
Phenacetin	2.86	4.187	*+	ug/L		147	70 - 130
p-Phenylene diamine	2.86	<0.500	U *-	ug/L		0	3 - 120
Pronamide	2.86	4.345	*+	ug/L		152	70 - 130
Safrole, Total	2.86	2.542		ug/L		89	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*133*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*113*		*43 - 130*
2-Fluorophenol (Surr)	*71*		*19 - 120*
Nitrobenzene-d5 (Surr)	*112*		*37 - 133*
Phenol-d5 (Surr)	*50*		*8 - 124*
p-Terphenyl-d14	*96*		*47 - 130*

Lab Sample ID: LCS 860-200832/4-A
Matrix: Water
Analysis Batch: 201887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethoate	2.86	11.17	*+	ug/L		391	45 - 138
Dinoseb	5.71	15.86	*+	ug/L		278	49 - 130
Disulfoton	5.71	10.32	*+	ug/L		181	38 - 134
Ethyl Parathion	2.86	15.16	*+	ug/L		531	25 - 173
Famphur	2.86	6.688	*+	ug/L		234	43 - 142
Methapyrilene	5.71	23.18	E *+	ug/L		406	70 - 183
Methyl parathion	5.71	13.27	*+	ug/L		232	26 - 159
o,o',o''-Triethylphosphorothioate	2.86	4.381	*+	ug/L		153	43 - 130
Sulfotepp	2.86	11.34	*+	ug/L		397	28 - 158
Thionazin	2.86	5.930	*+	ug/L		208	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*133*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*101*		*43 - 130*
2-Fluorophenol (Surr)	*76*		*19 - 120*
Nitrobenzene-d5 (Surr)	*111*		*37 - 133*
Phenol-d5 (Surr)	*64*		*8 - 124*
p-Terphenyl-d14	*104*		*47 - 130*

Lab Sample ID: LCSD 860-200832/3-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200832

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	2.86	1.091		ug/L		38	32 - 130	4	30
1,2-Dichlorobenzene	2.86	1.280		ug/L		45	32 - 130	3	30
1,3-Dichlorobenzene	2.86	1.174		ug/L		41	26 - 130	1	30
1,4-Dichlorobenzene	2.86	1.222		ug/L		43	28 - 130	4	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-200832/3-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200832

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,2'-oxybis[1-chloropropane]	2.86	3.657	I	ug/L		128	10 - 173	18	30
2,4,5-Trichlorophenol	2.86	3.941	*+	ug/L		138	35 - 130	2	30
2,4,6-Trichlorophenol	2.86	3.928	*+	ug/L		137	52 - 129	0	30
2,4-Dichlorophenol	2.86	3.031		ug/L		106	53 - 122	5	30
2,4-Dimethylphenol	2.86	4.217	*+	ug/L		148	42 - 120	4	30
1,4-Dioxane	2.86	0.9838		ug/L		34	27 - 130	6	30
2,4-Dinitrophenol	2.86	2.305	J	ug/L		81	12 - 173	7	30
2,4-Dinitrotoluene	2.86	3.922	*+	ug/L		137	48 - 127	3	30
2,6-Dinitrotoluene	2.86	3.202		ug/L		112	68 - 137	0	30
2-Chloronaphthalene	2.86	2.060		ug/L		72	10 - 130	0	30
2-Methylnaphthalene	2.86	1.583		ug/L		55	25 - 175	5	30
2-Methylphenol	2.86	3.101		ug/L		109	14 - 176	2	30
2-Nitroaniline	2.86	3.857	*+	ug/L		135	59 - 130	1	30
2-Nitrophenol	2.86	3.499		ug/L		122	45 - 167	2	30
3 & 4 Methylphenol	2.86	3.213	I	ug/L		112	22 - 130	4	30
3-Nitroaniline	2.86	2.746		ug/L		96	30 - 130	9	30
4,6-Dinitro-2-methylphenol	2.86	3.387		ug/L		119	10 - 130	14	30
4-Bromophenyl phenyl ether	2.86	3.948	*+	ug/L		138	65 - 120	2	30
4-Chloro-3-methylphenol	2.86	3.661		ug/L		128	41 - 128	1	30
4-Chloroaniline	2.86	2.007		ug/L		70	30 - 130	0	30
4-Chlorophenyl phenyl ether	2.86	4.005		ug/L		140	38 - 145	4	30
4-Nitroaniline	2.86	3.277		ug/L		115	42 - 125	4	30
Acenaphthene	2.86	3.083		ug/L		108	60 - 132	6	30
Acenaphthylene	2.86	2.996		ug/L		105	54 - 126	1	30
Aniline	2.86	1.807		ug/L		63	15 - 130	4	30
Anthracene	2.86	2.942		ug/L		103	43 - 135	1	30
Benzo[a]anthracene	2.86	4.247	*+	ug/L		149	42 - 133	3	30
Benzo[a]pyrene	2.86	3.785		ug/L		132	32 - 148	2	30
Benzo[b]fluoranthene	2.86	5.191	*+	ug/L		182	42 - 140	15	30
Benzo[g,h,i]perylene	2.86	3.182		ug/L		111	25 - 195	11	30
Benzo[k]fluoranthene	2.86	4.674	*+	ug/L		164	25 - 146	16	30
Benzyl alcohol	2.86	2.317		ug/L		81	57 - 130	0	30
Bis(2-chloroethoxy)methane	2.86	3.794		ug/L		133	49 - 165	1	30
Bis(2-chloroethyl)ether	2.86	4.660	*+	ug/L		163	43 - 126	3	30
Bis(2-ethylhexyl) phthalate	2.86	4.066	*+	ug/L		142	29 - 137	8	30
Butyl benzyl phthalate	2.86	3.683		ug/L		129	28 - 130	4	30
Chrysene	2.86	4.049	*+	ug/L		142	47 - 130	6	30
Dibenz(a,h)anthracene	2.86	3.269		ug/L		114	32 - 200	12	30
Dibenzofuran	2.86	3.809	*+	ug/L		133	48 - 130	4	30
Diethyl phthalate	2.86	3.456	*+	ug/L		121	53 - 120	4	30
Dimethyl phthalate	2.86	3.128		ug/L		109	67 - 120	4	30
Di-n-butyl phthalate	2.86	3.470	*+	ug/L		121	8 - 120	2	30
Di-n-octyl phthalate	2.86	21.73	*+ *1	ug/L		761	19 - 200	130	30
Fluoranthene	2.86	3.696		ug/L		129	43 - 130	1	30
Fluorene	2.86	3.203		ug/L		112	70 - 130	5	30
Hexachlorobenzene	2.86	3.840		ug/L		134	8 - 142	3	30
Hexachlorobutadiene	2.86	0.6160		ug/L		22	10 - 130	5	30
Hexachlorocyclopentadiene	2.86	1.515		ug/L		53	10 - 130	1	30
Hexachloroethane	2.86	0.5718		ug/L		20	10 - 130	6	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-200832/3-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200832

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Indeno[1,2,3-cd]pyrene	2.86	3.266		ug/L		114	29 - 151	10	30
Isophorone	2.86	3.225		ug/L		113	47 - 180	1	30
Naphthalene	2.86	1.767		ug/L		62	36 - 120	0	30
Nitrobenzene	2.86	2.883		ug/L		101	54 - 130	6	30
N-Nitrosodi-n-propylamine	2.86	4.280		ug/L		150	14 - 198	2	30
N-Nitrosodiphenylamine	2.86	4.085	*+	ug/L		143	40 - 127	6	30
Pentachlorophenol	2.86	3.871		ug/L		135	38 - 152	4	30
Phenanthrene	2.86	3.365		ug/L		118	65 - 120	2	30
Phenol	2.86	2.901	*1	ug/L		102	17 - 120	69	30
Pyrene	2.86	3.744	*+	ug/L		131	70 - 130	0	30
Pyridine	2.86	2.013	J	ug/L		70	1 - 126	2	30
N-Nitro-o-toluidine	2.86	2.951		ug/L		103	47 - 130	6	30
2,3,4,6-Tetrachlorophenol	2.86	4.120	*+	ug/L		144	33 - 132	3	30
Acetophenone	2.86	4.216	*+	ug/L		148	58 - 130	4	30
N-Nitrosopiperidine	2.86	2.568		ug/L		90	54 - 130	4	30
Pentachlorobenzene	2.86	3.157		ug/L		110	47 - 130	4	30
Diphenyl ether	2.86	2.723		ug/L		95	61 - 130	0	30
1,1'-Biphenyl	2.86	2.703		ug/L		95	52 - 130	3	30
4-Aminobiphenyl	2.86	2.883		ug/L		101	35 - 130	6	30
1,2,4,5-Tetrachlorobenzene	2.86	1.813		ug/L		63	52 - 130	1	30
1,3,5-Trinitrobenzene	2.86	3.727		ug/L		130	42 - 130	6	30
1,3-Dinitrobenzene	2.86	3.356		ug/L		117	54 - 130	3	30
1,4-Naphthoquinone	2.86	2.813		ug/L		98	34 - 130	1	30
1-Naphthylamine	2.86	1.575		ug/L		55	40 - 130	0	30
2,6-Dichlorophenol	2.86	3.119		ug/L		109	40 - 130	4	30
2-Acetylaminofluorene	2.86	6.220	*+	ug/L		218	50 - 150	1	30
2-Chlorophenol	2.86	3.313		ug/L		116	36 - 120	4	30
2-Naphthylamine	2.86	2.202		ug/L		77	30 - 130	5	30
2-Picoline	2.86	0.9857		ug/L		35	22 - 130	4	30
2-Toluidine	2.86	2.272	*1	ug/L		80	30 - 130	128	30
3,3'-Dichlorobenzidine	2.86	4.045		ug/L		142	20 - 150	3	30
3,3'-Dimethylbenzidine	2.86	1.786		ug/L		63	30 - 130	0	30
3-Methylcholanthrene	2.86	3.304		ug/L		116	53 - 130	8	30
4-Nitroquinoline-1-oxide	2.86	2.909		ug/L		102	39 - 130	6	30
7,12-Dimethylbenz(a)anthracene	2.86	4.915	*+	ug/L		172	63 - 130	17	30
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U *-	ug/L		0	20 - 130	NC	30
Aramite Peak 1	1.43	2.196	*+	ug/L		154	69 - 130	5	30
Aramite Peak 2	1.43	2.286	*+	ug/L		160	65 - 130	3	30
Diallate Peak 1	2.11	2.748		ug/L		130	69 - 130	5	30
Diallate Peak 2	0.743	0.9309		ug/L		125	67 - 130	8	30
Ethyl methanesulfonate	2.86	2.707		ug/L		95	54 - 130	5	30
Hexachloropropene	2.86	0.6218	*-	ug/L		22	37 - 130	4	30
Isosafrole Peak 1	0.457	0.4192	J	ug/L		92	54 - 130	4	30
Isosafrole Peak 2	2.40	2.419		ug/L		101	62 - 130	2	30
Methyl methanesulfonate	2.86	1.220		ug/L		43	30 - 130	0	30
N-Nitrosodiethylamine	2.86	3.399		ug/L		119	54 - 130	9	30
N-Nitrosodimethylamine	2.86	0.6518	*-	ug/L		23	28 - 126	8	30
N-Nitrosodi-n-butylamine	2.86	3.833	*+	ug/L		134	58 - 130	0	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-200832/3-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200832

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-Nitrosomethylethylamine			2.86	2.127		ug/L		74	45 - 130	1	30
N-Nitrosomorpholine			2.86	1.561		ug/L		55	37 - 130	0	30
N-Nitrosopyrrolidine			2.86	1.789		ug/L		63	47 - 130	2	30
p-Dimethylamino azobenzene			2.86	3.466		ug/L		121	61 - 130	4	30
Pentachloronitrobenzene			2.86	3.833	*+	ug/L		134	56 - 130	5	30
Phenacetin			2.86	4.233	*+	ug/L		148	70 - 130	1	30
p-Phenylene diamine			2.86	<0.500	U *-	ug/L		0	3 - 120	NC	30
Pronamide			2.86	4.462	*+	ug/L		156	70 - 130	3	30
Safrole, Total			2.86	2.494		ug/L		87	70 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*148*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*118*		*43 - 130*
2-Fluorophenol (Surr)	*68*		*19 - 120*
Nitrobenzene-d5 (Surr)	*109*		*37 - 133*
Phenol-d5 (Surr)	*46*		*8 - 124*
p-Terphenyl-d14	*96*		*47 - 130*

Lab Sample ID: LCSD 860-200832/5-A
Matrix: Water
Analysis Batch: 201887

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200832

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethoate			2.86	10.83	*+	ug/L		379	45 - 138	3	30
Dinoseb			5.71	14.93	*+	ug/L		261	49 - 130	6	30
Disulfoton			5.71	9.731	*+	ug/L		170	38 - 134	6	30
Ethyl Parathion			2.86	13.84	*+	ug/L		484	25 - 173	9	30
Famphur			2.86	6.250	*+	ug/L		219	43 - 142	7	30
Methapyrilene			5.71	21.85	*+	ug/L		382	70 - 183	6	30
Methyl parathion			5.71	12.21	*+	ug/L		214	26 - 159	8	30
o,o',o''-Triethylphosphorothioate			2.86	4.173	*+	ug/L		146	43 - 130	5	30
Phorate			5.71	10.31	*+	ug/L		180	37 - 140	4	30
Sulfotepp			2.86	11.03	*+	ug/L		386	28 - 158	3	30
Thionazin			2.86	5.719	*+	ug/L		200	50 - 150	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*127*		*35 - 130*
2-Fluorobiphenyl	*93*		*43 - 130*
2-Fluorophenol (Surr)	*72*		*19 - 120*
Nitrobenzene-d5 (Surr)	*112*		*37 - 133*
Phenol-d5 (Surr)	*53*		*8 - 124*
p-Terphenyl-d14	*94*		*47 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-204625/1-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 204625

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,4-Dimethylphenol	<0.192	U	0.571	0.192	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		12/11/24 04:48	12/13/24 21:39	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		12/11/24 04:48	12/13/24 21:39	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		12/11/24 04:48	12/13/24 21:39	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		12/11/24 04:48	12/13/24 21:39	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		12/11/24 04:48	12/13/24 21:39	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		12/11/24 04:48	12/13/24 21:39	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		12/11/24 04:48	12/13/24 21:39	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		12/11/24 04:48	12/13/24 21:39	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		12/11/24 04:48	12/13/24 21:39	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		12/11/24 04:48	12/13/24 21:39	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		12/11/24 04:48	12/13/24 21:39	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		12/11/24 04:48	12/13/24 21:39	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		12/11/24 04:48	12/13/24 21:39	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		12/11/24 04:48	12/13/24 21:39	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		12/11/24 04:48	12/13/24 21:39	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		12/11/24 04:48	12/13/24 21:39	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		12/11/24 04:48	12/13/24 21:39	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		12/11/24 04:48	12/13/24 21:39	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		12/11/24 04:48	12/13/24 21:39	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		12/11/24 04:48	12/13/24 21:39	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		12/11/24 04:48	12/13/24 21:39	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		12/11/24 04:48	12/13/24 21:39	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		12/11/24 04:48	12/13/24 21:39	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		12/11/24 04:48	12/13/24 21:39	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		12/11/24 04:48	12/13/24 21:39	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		12/11/24 04:48	12/13/24 21:39	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-204625/1-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 204625

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.0948	U	0.571	0.0948	ug/L		12/11/24 04:48	12/13/24 21:39	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		12/11/24 04:48	12/13/24 21:39	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		12/11/24 04:48	12/13/24 21:39	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		12/11/24 04:48	12/13/24 21:39	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		12/11/24 04:48	12/13/24 21:39	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		12/11/24 04:48	12/13/24 21:39	1
Isophorone	<0.107	U	0.571	0.107	ug/L		12/11/24 04:48	12/13/24 21:39	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		12/11/24 04:48	12/13/24 21:39	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		12/11/24 04:48	12/13/24 21:39	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		12/11/24 04:48	12/13/24 21:39	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		12/11/24 04:48	12/13/24 21:39	1
Phenol	<0.448	U	2.86	0.448	ug/L		12/11/24 04:48	12/13/24 21:39	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		12/11/24 04:48	12/13/24 21:39	1
Pyridine	<1.44	U	2.86	1.44	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		12/11/24 04:48	12/13/24 21:39	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		12/11/24 04:48	12/13/24 21:39	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		12/11/24 04:48	12/13/24 21:39	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		12/11/24 04:48	12/13/24 21:39	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		12/11/24 04:48	12/13/24 21:39	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		12/11/24 04:48	12/13/24 21:39	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		12/11/24 04:48	12/13/24 21:39	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		12/11/24 04:48	12/13/24 21:39	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		12/11/24 04:48	12/13/24 21:39	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		12/11/24 04:48	12/13/24 21:39	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		12/11/24 04:48	12/13/24 21:39	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		12/11/24 04:48	12/13/24 21:39	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		12/11/24 04:48	12/13/24 21:39	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		12/11/24 04:48	12/13/24 21:39	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		12/11/24 04:48	12/13/24 21:39	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		12/11/24 04:48	12/13/24 21:39	1
Dimethoate	<0.122	U	0.571	0.122	ug/L		12/11/24 04:48	12/13/24 21:39	1
Dinoseb	<0.570	U	2.86	0.570	ug/L		12/11/24 04:48	12/13/24 21:39	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-204625/1-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 204625

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Disulfoton	<0.203	U	0.571	0.203	ug/L		12/11/24 04:48	12/13/24 21:39	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		12/11/24 04:48	12/13/24 21:39	1
Ethyl Parathion	<0.0502	U	0.229	0.0502	ug/L		12/11/24 04:48	12/13/24 21:39	1
Famphur	<0.151	U	1.14	0.151	ug/L		12/11/24 04:48	12/13/24 21:39	1
Hexachloropropene	<0.300	U	0.571	0.300	ug/L		12/11/24 04:48	12/13/24 21:39	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		12/11/24 04:48	12/13/24 21:39	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		12/11/24 04:48	12/13/24 21:39	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		12/11/24 04:48	12/13/24 21:39	1
Methapyrilene	<1.00	U	2.29	1.00	ug/L		12/11/24 04:48	12/13/24 21:39	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		12/11/24 04:48	12/13/24 21:39	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		12/11/24 04:48	12/13/24 21:39	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		12/11/24 04:48	12/13/24 21:39	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		12/11/24 04:48	12/13/24 21:39	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		12/11/24 04:48	12/13/24 21:39	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		12/11/24 04:48	12/13/24 21:39	1
Phorate	<0.221	U	0.571	0.221	ug/L		12/11/24 04:48	12/13/24 21:39	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		12/11/24 04:48	12/13/24 21:39	1
Pronamide	<0.100	U	0.571	0.100	ug/L		12/11/24 04:48	12/13/24 21:39	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		12/11/24 04:48	12/13/24 21:39	1
Sulfotepp	<0.147	U	0.571	0.147	ug/L		12/11/24 04:48	12/13/24 21:39	1
Thionazin	<0.208	U	1.14	0.208	ug/L		12/11/24 04:48	12/13/24 21:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*96*		*35 - 130*	*12/11/24 04:48*	*12/13/24 21:39*	*1*
2-Fluorobiphenyl	*101*		*43 - 130*	*12/11/24 04:48*	*12/13/24 21:39*	*1*
2-Fluorophenol (Surr)	*62*		*19 - 120*	*12/11/24 04:48*	*12/13/24 21:39*	*1*
Nitrobenzene-d5 (Surr)	*117*		*37 - 133*	*12/11/24 04:48*	*12/13/24 21:39*	*1*
Phenol-d5 (Surr)	*36*		*8 - 124*	*12/11/24 04:48*	*12/13/24 21:39*	*1*
p-Terphenyl-d14	*147*	*S1+*	*47 - 130*	*12/11/24 04:48*	*12/13/24 21:39*	*1*

Lab Sample ID: LCS 860-204625/2-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	5.71	4.233		ug/L		74	32 - 130
1,2-Dichlorobenzene	5.71	4.467		ug/L		78	32 - 130
1,3-Dichlorobenzene	5.71	4.451		ug/L		78	26 - 130
1,4-Dichlorobenzene	5.71	4.444		ug/L		78	28 - 130
2,2'-oxybis[1-chloropropane]	5.71	6.727	I	ug/L		118	10 - 173
2,4,5-Trichlorophenol	5.71	6.941		ug/L		121	35 - 130
2,4,6-Trichlorophenol	5.71	6.862		ug/L		120	52 - 129

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-204625/2-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dichlorophenol	5.71	6.554		ug/L		115	53 - 122
2,4-Dimethylphenol	5.71	10.42	*+	ug/L		182	42 - 120
1,4-Dioxane	5.71	2.024		ug/L		35	27 - 130
2,4-Dinitrophenol	5.71	3.022		ug/L		53	12 - 173
2,4-Dinitrotoluene	5.71	4.851		ug/L		85	48 - 127
2,6-Dinitrotoluene	5.71	5.840		ug/L		102	68 - 137
2-Chloronaphthalene	5.71	5.758		ug/L		101	10 - 130
2-Methylnaphthalene	5.71	4.665		ug/L		82	25 - 175
2-Methylphenol	5.71	5.864		ug/L		103	14 - 176
2-Nitroaniline	5.71	5.513		ug/L		96	59 - 130
2-Nitrophenol	5.71	7.254		ug/L		127	45 - 167
3 & 4 Methylphenol	5.71	5.655		ug/L		99	22 - 130
3-Nitroaniline	5.71	3.322		ug/L		58	30 - 130
4,6-Dinitro-2-methylphenol	5.71	3.925		ug/L		69	10 - 130
4-Bromophenyl phenyl ether	5.71	5.748		ug/L		101	65 - 120
4-Chloro-3-methylphenol	5.71	7.317		ug/L		128	41 - 128
4-Chloroaniline	5.71	4.019		ug/L		70	30 - 130
4-Chlorophenyl phenyl ether	5.71	5.962		ug/L		104	38 - 145
4-Nitroaniline	5.71	4.186		ug/L		73	42 - 125
Acenaphthene	5.71	5.731		ug/L		100	60 - 132
Acenaphthylene	5.71	6.903		ug/L		121	54 - 126
Aniline	5.71	3.296		ug/L		58	15 - 130
Anthracene	5.71	7.793	*+	ug/L		136	43 - 135
Benzo[a]anthracene	5.71	8.020	*+	ug/L		140	42 - 133
Benzo[a]pyrene	5.71	6.917		ug/L		121	32 - 148
Benzo[b]fluoranthene	5.71	8.209	*+	ug/L		144	42 - 140
Benzo[g,h,i]perylene	5.71	6.718		ug/L		118	25 - 195
Benzo[k]fluoranthene	5.71	7.070		ug/L		124	25 - 146
Benzyl alcohol	5.71	3.991		ug/L		70	57 - 130
Bis(2-chloroethoxy)methane	5.71	7.460		ug/L		131	49 - 165
Bis(2-chloroethyl)ether	5.71	6.645		ug/L		116	43 - 126
Bis(2-ethylhexyl) phthalate	5.71	8.123	*+	ug/L		142	29 - 137
Butyl benzyl phthalate	5.71	6.353		ug/L		111	28 - 130
Chrysene	5.71	7.256		ug/L		127	47 - 130
Dibenz(a,h)anthracene	5.71	7.112		ug/L		124	32 - 200
Dibenzofuran	5.71	5.440		ug/L		95	48 - 130
Diethyl phthalate	5.71	6.493		ug/L		114	53 - 120
Dimethyl phthalate	5.71	6.492		ug/L		114	67 - 120
Di-n-butyl phthalate	5.71	5.982		ug/L		105	8 - 120
Di-n-octyl phthalate	5.71	8.476		ug/L		148	19 - 200
Fluoranthene	5.71	7.398		ug/L		129	43 - 130
Fluorene	5.71	6.337		ug/L		111	70 - 130
Hexachlorobenzene	5.71	6.518		ug/L		114	8 - 142
Hexachlorobutadiene	5.71	4.697		ug/L		82	10 - 130
Hexachlorocyclopentadiene	5.71	13.89	*+	ug/L		243	10 - 130
Hexachloroethane	5.71	4.759		ug/L		83	10 - 130
Indeno[1,2,3-cd]pyrene	5.71	6.762		ug/L		118	29 - 151
Isophorone	5.71	7.836		ug/L		137	47 - 180
Naphthalene	5.71	5.364		ug/L		94	36 - 120

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-204625/2-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrobenzene	5.71	6.248		ug/L		109	54 - 130
N-Nitrosodi-n-propylamine	5.71	6.312		ug/L		110	14 - 198
N-Nitrosodiphenylamine	5.71	6.608		ug/L		116	40 - 127
Pentachlorophenol	5.71	5.656		ug/L		99	38 - 152
Phenanthrene	5.71	7.888	*+	ug/L		138	65 - 120
Phenol	5.71	2.525	J	ug/L		44	17 - 120
Pyrene	5.71	7.278		ug/L		127	70 - 130
Pyridine	5.71	2.148	J	ug/L		38	1 - 126
N-Nitro-o-toluidine	5.71	4.284		ug/L		75	47 - 130
2,3,4,6-Tetrachlorophenol	5.71	7.975	*+	ug/L		140	33 - 132
Acetophenone	5.71	6.558		ug/L		115	58 - 130
N-Nitrosopiperidine	5.71	6.240		ug/L		109	54 - 130
Pentachlorobenzene	5.71	5.708		ug/L		100	47 - 130
Diphenyl ether	5.71	5.934		ug/L		104	61 - 130
1,1'-Biphenyl	5.71	5.461		ug/L		96	52 - 130
4-Aminobiphenyl	5.71	4.679		ug/L		82	35 - 130
1,2,4,5-Tetrachlorobenzene	5.71	5.239		ug/L		92	52 - 130
1,3,5-Trinitrobenzene	5.71	4.105		ug/L		72	42 - 130
1,3-Dinitrobenzene	5.71	5.920		ug/L		104	54 - 130
1,4-Naphthoquinone	5.71	5.444		ug/L		95	34 - 130
1-Naphthylamine	5.71	2.656		ug/L		46	40 - 130
2,6-Dichlorophenol	5.71	6.939		ug/L		121	40 - 130
2-Acetylaminofluorene	5.71	9.909	*+	ug/L		173	50 - 150
2-Chlorophenol	5.71	6.066		ug/L		106	36 - 120
2-Naphthylamine	5.71	3.687		ug/L		65	30 - 130
2-Picoline	5.71	2.311		ug/L		40	22 - 130
2-Toluidine	5.71	3.071		ug/L		54	30 - 130
3,3'-Dichlorobenzidine	5.71	6.028		ug/L		105	20 - 150
3,3'-Dimethylbenzidine	5.71	2.933		ug/L		51	30 - 130
3-Methylcholanthrene	5.71	6.983		ug/L		122	53 - 130
4-Nitroquinoline-1-oxide	5.71	4.729		ug/L		83	39 - 130
7,12-Dimethylbenz(a)anthracene	5.71	6.787		ug/L		119	63 - 130
alpha,alpha-Dimethyl phenethylamine	5.71	<3.67	U *-	ug/L		0	20 - 130
Aramite Peak 1	2.86	3.840	*+	ug/L		134	69 - 130
Aramite Peak 2	2.86	3.418		ug/L		120	65 - 130
Diallate Peak 1	4.23	4.108		ug/L		97	69 - 130
Diallate Peak 2	1.49	1.665		ug/L		112	67 - 130
Ethyl methanesulfonate	5.71	4.552		ug/L		80	54 - 130
Hexachloropropene	5.71	4.176		ug/L		73	37 - 130
Isosafrole Peak 1	0.914	0.9410		ug/L		103	54 - 130
Isosafrole Peak 2	4.80	5.285		ug/L		110	62 - 130
Methyl methanesulfonate	5.71	2.513		ug/L		44	30 - 130
N-Nitrosodiethylamine	5.71	6.120		ug/L		107	54 - 130
N-Nitrosodimethylamine	5.71	1.560	*-	ug/L		27	28 - 126
N-Nitrosodi-n-butylamine	5.71	6.868		ug/L		120	58 - 130
N-Nitrosomethylethylamine	5.71	3.966		ug/L		69	45 - 130
N-Nitrosomorpholine	5.71	2.909		ug/L		51	37 - 130
N-Nitrosopyrrolidine	5.71	3.011		ug/L		53	47 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-204625/2-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
p-Dimethylamino azobenzene	5.71	6.199		ug/L		108	61 - 130
Pentachloronitrobenzene	5.71	6.324		ug/L		111	56 - 130
Phenacetin	5.71	6.227		ug/L		109	70 - 130
p-Phenylene diamine	5.71	<0.500	U *-	ug/L		0	3 - 120
Pronamide	5.71	6.667		ug/L		117	70 - 130
Safrole, Total	5.71	5.866		ug/L		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*109*		*35 - 130*
2-Fluorobiphenyl	*102*		*43 - 130*
2-Fluorophenol (Surr)	*69*		*19 - 120*
Nitrobenzene-d5 (Surr)	*123*		*37 - 133*
Phenol-d5 (Surr)	*45*		*8 - 124*
p-Terphenyl-d14	*135*	*S1+*	*47 - 130*

Lab Sample ID: LCS 860-204625/4-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-Nitro-o-toluidine	11.4	8.144		ug/L		71	47 - 130
N-Nitrosopiperidine	11.4	10.27		ug/L		90	54 - 130
4-Aminobiphenyl	11.4	10.68		ug/L		93	35 - 130
1,3,5-Trinitrobenzene	11.4	7.873		ug/L		69	42 - 130
1-Naphthylamine	11.4	6.370		ug/L		56	40 - 130
2-Naphthylamine	11.4	11.60		ug/L		101	30 - 130
2-Picoline	11.4	6.777		ug/L		59	22 - 130
2-Toluidine	11.4	9.531		ug/L		83	30 - 130
3,3'-Dimethylbenzidine	11.4	10.97		ug/L		96	30 - 130
4-Nitroquinoline-1-oxide	11.4	8.080		ug/L		71	39 - 130
Dimethoate	2.86	4.319	*+	ug/L		151	45 - 138
Dinoseb	5.71	4.399		ug/L		77	49 - 130
Disulfoton	5.71	5.169		ug/L		90	38 - 134
Ethyl Parathion	2.86	4.361		ug/L		153	25 - 173
Famphur	2.86	2.521		ug/L		88	43 - 142
Methapyrilene	5.71	5.436		ug/L		95	70 - 183
Methyl parathion	5.71	4.471		ug/L		78	26 - 159
N-Nitrosodiethylamine	11.4	10.61		ug/L		93	54 - 130
N-Nitrosodi-n-butylamine	11.4	11.66		ug/L		102	58 - 130
N-Nitrosomethylethylamine	11.4	7.034		ug/L		62	45 - 130
N-Nitrosomorpholine	11.4	5.170		ug/L		45	37 - 130
N-Nitrosopyrrolidine	11.4	5.647		ug/L		49	47 - 130
o,o',o''-Triethylphosphorothioate	2.86	2.483		ug/L		87	43 - 130
p-Dimethylamino azobenzene	11.4	12.18		ug/L		107	61 - 130
Pentachloronitrobenzene	11.4	9.191		ug/L		80	56 - 130
Phenacetin	11.4	10.72		ug/L		94	70 - 130
Phorate	5.71	4.758		ug/L		83	37 - 140
Pronamide	11.4	11.83		ug/L		104	70 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-204625/4-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 204625

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfotepp			2.86	4.586	*+	ug/L		161	28 - 158		
Thionazin			2.86	2.579		ug/L		90	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*84*		*35 - 130*
2-Fluorobiphenyl	*86*		*43 - 130*
2-Fluorophenol (Surr)	*53*		*19 - 120*
Nitrobenzene-d5 (Surr)	*96*		*37 - 133*
Phenol-d5 (Surr)	*33*		*8 - 124*
p-Terphenyl-d14	*100*		*47 - 130*

Lab Sample ID: LCSD 860-204625/3-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 204625

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			5.71	4.295		ug/L		75	32 - 130	1	30
1,2-Dichlorobenzene			5.71	4.784		ug/L		84	32 - 130	7	30
1,3-Dichlorobenzene			5.71	4.755		ug/L		83	26 - 130	7	30
1,4-Dichlorobenzene			5.71	4.684		ug/L		82	28 - 130	5	30
2,2'-oxybis[1-chloropropane]			5.71	6.306		ug/L		110	10 - 173	6	30
2,4,5-Trichlorophenol			5.71	7.035		ug/L		123	35 - 130	1	30
2,4,6-Trichlorophenol			5.71	6.882		ug/L		120	52 - 129	0	30
2,4-Dichlorophenol			5.71	6.563		ug/L		115	53 - 122	0	30
2,4-Dimethylphenol			5.71	10.65	*+	ug/L		186	42 - 120	2	30
1,4-Dioxane			5.71	2.185		ug/L		38	27 - 130	8	30
2,4-Dinitrophenol			5.71	2.788	J	ug/L		49	12 - 173	8	30
2,4-Dinitrotoluene			5.71	5.092		ug/L		89	48 - 127	5	30
2,6-Dinitrotoluene			5.71	5.818		ug/L		102	68 - 137	0	30
2-Chloronaphthalene			5.71	4.943		ug/L		87	10 - 130	15	30
2-Methylnaphthalene			5.71	4.496		ug/L		79	25 - 175	4	30
2-Methylphenol			5.71	6.254		ug/L		109	14 - 176	6	30
2-Nitroaniline			5.71	5.489		ug/L		96	59 - 130	0	30
2-Nitrophenol			5.71	7.084		ug/L		124	45 - 167	2	30
3 & 4 Methylphenol			5.71	5.953		ug/L		104	22 - 130	5	30
3-Nitroaniline			5.71	3.425		ug/L		60	30 - 130	3	30
4,6-Dinitro-2-methylphenol			5.71	4.156		ug/L		73	10 - 130	6	30
4-Bromophenyl phenyl ether			5.71	6.140		ug/L		107	65 - 120	7	30
4-Chloro-3-methylphenol			5.71	7.278		ug/L		127	41 - 128	1	30
4-Chloroaniline			5.71	3.793		ug/L		66	30 - 130	6	30
4-Chlorophenyl phenyl ether			5.71	6.217		ug/L		109	38 - 145	4	30
4-Nitroaniline			5.71	4.341		ug/L		76	42 - 125	4	30
Acenaphthene			5.71	5.908		ug/L		103	60 - 132	3	30
Acenaphthylene			5.71	6.857		ug/L		120	54 - 126	1	30
Aniline			5.71	3.328		ug/L		58	15 - 130	1	30
Anthracene			5.71	7.957	*+	ug/L		139	43 - 135	2	30
Benzo[a]anthracene			5.71	8.264	*+	ug/L		145	42 - 133	3	30
Benzo[a]pyrene			5.71	7.004		ug/L		123	32 - 148	1	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-204625/3-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[b]fluoranthene	5.71	8.497	*+	ug/L		149	42 - 140	3	30
Benzo[g,h,i]perylene	5.71	6.818		ug/L		119	25 - 195	1	30
Benzo[k]fluoranthene	5.71	7.147		ug/L		125	25 - 146	1	30
Benzyl alcohol	5.71	4.221		ug/L		74	57 - 130	6	30
Bis(2-chloroethoxy)methane	5.71	7.504		ug/L		131	49 - 165	1	30
Bis(2-chloroethyl)ether	5.71	7.176		ug/L		126	43 - 126	8	30
Bis(2-ethylhexyl) phthalate	5.71	8.276	*+	ug/L		145	29 - 137	2	30
Butyl benzyl phthalate	5.71	6.254		ug/L		109	28 - 130	2	30
Chrysene	5.71	7.514	*+	ug/L		132	47 - 130	3	30
Dibenz(a,h)anthracene	5.71	7.111		ug/L		124	32 - 200	0	30
Dibenzofuran	5.71	5.643		ug/L		99	48 - 130	4	30
Diethyl phthalate	5.71	6.684		ug/L		117	53 - 120	3	30
Dimethyl phthalate	5.71	6.407		ug/L		112	67 - 120	1	30
Di-n-butyl phthalate	5.71	6.037		ug/L		106	8 - 120	1	30
Di-n-octyl phthalate	5.71	8.685		ug/L		152	19 - 200	2	30
Fluoranthene	5.71	7.369		ug/L		129	43 - 130	0	30
Fluorene	5.71	6.602		ug/L		116	70 - 130	4	30
Hexachlorobenzene	5.71	6.559		ug/L		115	8 - 142	1	30
Hexachlorobutadiene	5.71	4.489		ug/L		79	10 - 130	5	30
Hexachlorocyclopentadiene	5.71	14.03	*+	ug/L		245	10 - 130	1	30
Hexachloroethane	5.71	4.994		ug/L		87	10 - 130	5	30
Indeno[1,2,3-cd]pyrene	5.71	6.840		ug/L		120	29 - 151	1	30
Isophorone	5.71	7.565		ug/L		132	47 - 180	4	30
Naphthalene	5.71	5.563		ug/L		97	36 - 120	4	30
Nitrobenzene	5.71	6.740		ug/L		118	54 - 130	8	30
N-Nitrosodi-n-propylamine	5.71	6.593		ug/L		115	14 - 198	4	30
N-Nitrosodiphenylamine	5.71	6.914		ug/L		121	40 - 127	5	30
Pentachlorophenol	5.71	6.056		ug/L		106	38 - 152	7	30
Phenanthrene	5.71	7.836	*+	ug/L		137	65 - 120	1	30
Phenol	5.71	2.809	J	ug/L		49	17 - 120	11	30
Pyrene	5.71	7.338		ug/L		128	70 - 130	1	30
Pyridine	5.71	1.527	J *1	ug/L		27	1 - 126	34	30
N-Nitro-o-toluidine	5.71	4.433		ug/L		78	47 - 130	3	30
2,3,4,6-Tetrachlorophenol	5.71	8.825	*+	ug/L		154	33 - 132	10	30
Acetophenone	5.71	6.554		ug/L		115	58 - 130	0	30
N-Nitrosopiperidine	5.71	6.187		ug/L		108	54 - 130	1	30
Pentachlorobenzene	5.71	5.824		ug/L		102	47 - 130	2	30
Diphenyl ether	5.71	5.858		ug/L		103	61 - 130	1	30
1,1'-Biphenyl	5.71	5.390		ug/L		94	52 - 130	1	30
4-Aminobiphenyl	5.71	4.788		ug/L		84	35 - 130	2	30
1,2,4,5-Tetrachlorobenzene	5.71	5.122		ug/L		90	52 - 130	2	30
1,3,5-Trinitrobenzene	5.71	4.954		ug/L		87	42 - 130	19	30
1,3-Dinitrobenzene	5.71	6.431		ug/L		113	54 - 130	8	30
1,4-Naphthoquinone	5.71	5.592		ug/L		98	34 - 130	3	30
1-Naphthylamine	5.71	2.686		ug/L		47	40 - 130	1	30
2,6-Dichlorophenol	5.71	6.900		ug/L		121	40 - 130	1	30
2-Acetylaminofluorene	5.71	10.03	*+	ug/L		175	50 - 150	1	30
2-Chlorophenol	5.71	6.559		ug/L		115	36 - 120	8	30
2-Naphthylamine	5.71	3.617		ug/L		63	30 - 130	2	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-204625/3-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 204625

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Picoline			5.71	2.356		ug/L		41	22 - 130	2	30
2-Toluidine			5.71	2.913		ug/L		51	30 - 130	5	30
3,3'-Dichlorobenzidine			5.71	6.458		ug/L		113	20 - 150	7	30
3,3'-Dimethylbenzidine			5.71	2.732		ug/L		48	30 - 130	7	30
3-Methylcholanthrene			5.71	6.969		ug/L		122	53 - 130	0	30
4-Nitroquinoline-1-oxide			5.71	4.800		ug/L		84	39 - 130	1	30
7,12-Dimethylbenz(a)anthracene			5.71	6.888		ug/L		121	63 - 130	1	30
alpha,alpha-Dimethyl phenethylamine			5.71	<3.67	U *-	ug/L		0	20 - 130	NC	30
Aramite Peak 1			2.86	3.900	*+	ug/L		137	69 - 130	2	30
Aramite Peak 2			2.86	3.417		ug/L		120	65 - 130	0	30
Diallate Peak 1			4.23	4.478		ug/L		106	69 - 130	9	30
Diallate Peak 2			1.49	1.740		ug/L		117	67 - 130	4	30
Ethyl methanesulfonate			5.71	4.948		ug/L		87	54 - 130	8	30
Hexachloropropene			5.71	4.145		ug/L		73	37 - 130	1	30
Isosafrole Peak 1			0.914	0.9670		ug/L		106	54 - 130	3	30
Isosafrole Peak 2			4.80	5.074		ug/L		106	62 - 130	4	30
Methyl methanesulfonate			5.71	2.648		ug/L		46	30 - 130	5	30
N-Nitrosodiethylamine			5.71	6.676		ug/L		117	54 - 130	9	30
N-Nitrosodimethylamine			5.71	1.722		ug/L		30	28 - 126	10	30
N-Nitrosodi-n-butylamine			5.71	6.978		ug/L		122	58 - 130	2	30
N-Nitrosomethylethylamine			5.71	4.418		ug/L		77	45 - 130	11	30
N-Nitrosomorpholine			5.71	3.204		ug/L		56	37 - 130	10	30
N-Nitrosopyrrolidine			5.71	3.479		ug/L		61	47 - 130	14	30
p-Dimethylamino azobenzene			5.71	6.456		ug/L		113	61 - 130	4	30
Pentachloronitrobenzene			5.71	6.412		ug/L		112	56 - 130	1	30
Phenacetin			5.71	6.542		ug/L		114	70 - 130	5	30
p-Phenylene diamine			5.71	<0.500	U *-	ug/L		0	3 - 120	NC	30
Pronamide			5.71	7.070		ug/L		124	70 - 130	6	30
Safrole, Total			5.71	5.856		ug/L		102	70 - 130	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*103*		*35 - 130*
2-Fluorobiphenyl	*105*		*43 - 130*
2-Fluorophenol (Surr)	*74*		*19 - 120*
Nitrobenzene-d5 (Surr)	*124*		*37 - 133*
Phenol-d5 (Surr)	*48*		*8 - 124*
p-Terphenyl-d14	*138*	*S1+*	*47 - 130*

Lab Sample ID: LCSD 860-204625/5-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 204625

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-Nitro-o-toluidine			11.4	8.835		ug/L		77	47 - 130	8	30
N-Nitrosopiperidine			11.4	11.40		ug/L		100	54 - 130	10	30
4-Aminobiphenyl			11.4	11.41		ug/L		100	35 - 130	7	30
1,3,5-Trinitrobenzene			11.4	8.463		ug/L		74	42 - 130	7	30
1-Naphthylamine			11.4	6.959		ug/L		61	40 - 130	9	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-204625/5-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Naphthylamine	11.4	12.60		ug/L		110	30 - 130	8	30
2-Picoline	11.4	6.915		ug/L		61	22 - 130	2	30
2-Toluidine	11.4	10.34		ug/L		91	30 - 130	8	30
3,3'-Dimethylbenzidine	11.4	11.34		ug/L		99	30 - 130	3	30
4-Nitroquinoline-1-oxide	11.4	8.638		ug/L		76	39 - 130	7	30
Dimethoate	2.86	4.865	*+	ug/L		170	45 - 138	12	30
Dinoseb	5.71	4.857		ug/L		85	49 - 130	10	30
Disulfoton	5.71	5.569		ug/L		97	38 - 134	7	30
Ethyl Parathion	2.86	4.643		ug/L		163	25 - 173	6	30
Famphur	2.86	2.668		ug/L		93	43 - 142	6	30
Methapyrilene	5.71	5.664		ug/L		99	70 - 183	4	30
Methyl parathion	5.71	4.791		ug/L		84	26 - 159	7	30
N-Nitrosodiethylamine	11.4	11.56		ug/L		101	54 - 130	9	30
N-Nitrosodi-n-butylamine	11.4	13.06		ug/L		114	58 - 130	11	30
N-Nitrosomethylethylamine	11.4	7.858		ug/L		69	45 - 130	11	30
N-Nitrosomorpholine	11.4	5.595		ug/L		49	37 - 130	8	30
N-Nitrosopyrrolidine	11.4	6.285		ug/L		55	47 - 130	11	30
o,o',o''-Triethylphosphorothioate	2.86	2.688		ug/L		94	43 - 130	8	30
p-Dimethylamino azobenzene	11.4	13.26		ug/L		116	61 - 130	9	30
Pentachloronitrobenzene	11.4	10.08		ug/L		88	56 - 130	9	30
Phenacetin	11.4	10.94		ug/L		96	70 - 130	2	30
Phorate	5.71	5.273		ug/L		92	37 - 140	10	30
Pronamide	11.4	13.25		ug/L		116	70 - 130	11	30
Sulfotepp	2.86	5.361	*+	ug/L		188	28 - 158	16	30
Thionazin	2.86	2.965		ug/L		104	50 - 150	14	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*90*		*35 - 130*
2-Fluorobiphenyl	*90*		*43 - 130*
2-Fluorophenol (Surr)	*59*		*19 - 120*
Nitrobenzene-d5 (Surr)	*102*		*37 - 133*
Phenol-d5 (Surr)	*37*		*8 - 124*
p-Terphenyl-d14	*100*		*47 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Lab Sample ID: 860-86937-6 MS
Matrix: Water
Analysis Batch: 204609

Client Sample ID: MW-18
Prep Type: Total/NA
Prep Batch: 199899

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diphenyl ether - DL	637		2.86	779.1	4	ug/L		4965	61 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr) - DL	*0*	*S1-*	*35 - 130*
2-Fluorobiphenyl - DL	*81*		*43 - 130*
2-Fluorophenol (Surr) - DL	*62*	*I*	*19 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL (Continued)

Lab Sample ID: 860-86937-6 MS
Matrix: Water
Analysis Batch: 204609

Client Sample ID: MW-18
Prep Type: Total/NA
Prep Batch: 199899

Surrogate	MS %Recovery	MS Qualifier	Limits
Nitrobenzene-d5 (Surr) - DL	*100*	*I*	*37 - 133*
Phenol-d5 (Surr) - DL	*72*		*8 - 124*
p-Terphenyl-d14 - DL	*140*	*S1+*	*47 - 130*

Lab Sample ID: 860-86937-6 MSD
Matrix: Water
Analysis Batch: 204609

Client Sample ID: MW-18
Prep Type: Total/NA
Prep Batch: 199899

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diphenyl ether - DL	637		2.85	616.9	4	ug/L		-706	61 - 130	23	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr) - DL	*0*	*S1-*	*35 - 130*
2-Fluorobiphenyl - DL	*88*		*43 - 130*
2-Fluorophenol (Surr) - DL	*64*	*I*	*19 - 120*
Nitrobenzene-d5 (Surr) - DL	*97*	*I*	*37 - 133*
Phenol-d5 (Surr) - DL	*24*		*8 - 124*
p-Terphenyl-d14 - DL	*136*	*I S1+*	*47 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Lab Sample ID: 860-86937-6 MS
Matrix: Water
Analysis Batch: 205491

Client Sample ID: MW-18
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene - RE	<0.0767	U H	5.72	3.781	H	ug/L		66	44 - 142
1,2-Dichlorobenzene - RE	0.151	J H	5.72	4.223	H	ug/L		71	51 - 130
1,3-Dichlorobenzene - RE	<0.102	U H	5.72	4.002	H	ug/L		70	47 - 130
1,4-Dichlorobenzene - RE	0.242	J H	5.72	4.176	H	ug/L		69	46 - 130
2,2'-oxybis[1-chloropropane] - RE	<1.43	U H	5.72	5.402	H	ug/L		94	36 - 166
2,4,5-Trichlorophenol - RE	<0.143	U H F1	5.72	7.981	H F1	ug/L		139	35 - 130
2,4,6-Trichlorophenol - RE	<0.231	U H	5.72	7.989	H	ug/L		140	37 - 144
2,4-Dichlorophenol - RE	<0.140	U H	5.72	6.599	H	ug/L		115	39 - 135
2,4-Dimethylphenol - RE	<0.192	U H F1 *+	5.72	10.46	H F1	ug/L		183	32 - 120
1,4-Dioxane - RE	7.16	H F1	5.72	6.986	H F1	ug/L		-3	28 - 130
2,4-Dinitrophenol - RE	<0.104	U H	5.72	3.825	H	ug/L		67	26 - 191
2,4-Dinitrotoluene - RE	<0.205	U H	5.72	4.829	H	ug/L		84	39 - 139
2,6-Dinitrotoluene - RE	<0.116	U H	5.72	6.267	H	ug/L		110	50 - 158
2-Chloronaphthalene - RE	<0.379	U H	5.72	5.078	H	ug/L		89	60 - 120
2-Methylnaphthalene - RE	<0.0603	U H	5.72	3.892	H	ug/L		68	25 - 175
2-Methylphenol - RE	<0.105	U H	5.72	5.679	H	ug/L		99	14 - 176
2-Nitroaniline - RE	<0.149	U H	5.72	5.915	H	ug/L		103	59 - 130
2-Nitrophenol - RE	<0.136	U H	5.72	6.826	H	ug/L		119	29 - 182
3 & 4 Methylphenol - RE	<0.139	U H	5.72	5.056	H	ug/L		88	22 - 130
3-Nitroaniline - RE	<0.0854	U H	5.72	3.604	H	ug/L		63	30 - 130
4,6-Dinitro-2-methylphenol - RE	<0.202	U H	5.72	4.829	H	ug/L		84	25 - 181

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Lab Sample ID: 860-86937-6 MS
Matrix: Water
Analysis Batch: 205491

Client Sample ID: MW-18
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4-Bromophenyl phenyl ether - RE	<0.100	U H	5.72	4.945	H	ug/L		86	53 - 127
4-Chloro-3-methylphenol - RE	<0.104	U H	5.72	6.433	H	ug/L		112	22 - 147
4-Chloroaniline - RE	<0.0386	U H	5.72	3.453	H	ug/L		60	30 - 130
4-Chlorophenyl phenyl ether - RE	<0.131	U H	5.72	4.859	H	ug/L		85	25 - 158
4-Nitroaniline - RE	<0.109	U H	5.72	4.098	H	ug/L		72	53 - 130
Acenaphthene - RE	0.582	H	5.72	5.752	H	ug/L		90	47 - 145
Acenaphthylene - RE	<0.0998	U H	5.72	7.255	H	ug/L		127	33 - 145
Aniline - RE	<0.0580	U H	5.72	2.624	H	ug/L		46	20 - 130
Anthracene - RE	<0.0939	U H *+	5.72	6.908	H	ug/L		121	27 - 133
Benzo[a]anthracene - RE	<0.0286	U H *+	5.72	7.442	H	ug/L		130	33 - 143
Benzo[a]pyrene - RE	<0.0300	U H	5.72	6.309	H	ug/L		110	17 - 163
Benzo[b]fluoranthene - RE	<0.0665	U H *+	5.72	6.869	H	ug/L		120	24 - 159
Benzo[g,h,i]perylene - RE	<0.0346	U H	5.72	5.562	H	ug/L		97	25 - 219
Benzo[k]fluoranthene - RE	<0.0473	U H	5.72	6.177	H	ug/L		108	11 - 162
Benzyl alcohol - RE	<0.601	U H	5.72	3.348	H	ug/L		59	57 - 130
Bis(2-chloroethoxy)methane - RE	<0.0976	U H	5.72	6.360	H	ug/L		111	33 - 184
Bis(2-chloroethyl)ether - RE	0.636	H	5.72	6.346	H	ug/L		100	12 - 158
Bis(2-ethylhexyl) phthalate - RE	<0.901	U H *+	5.72	8.724	H	ug/L		152	8 - 158
Butyl benzyl phthalate - RE	<0.501	U H	5.72	7.355	H	ug/L		129	70 - 152
Chrysene - RE	<0.0817	U H *+	5.72	6.426	H	ug/L		112	17 - 168
Dibenz(a,h)anthracene - RE	<0.0510	U H	5.72	5.891	H	ug/L		103	32 - 227
Dibenzofuran - RE	<0.107	U H	5.72	4.407	H	ug/L		77	48 - 130
Diethyl phthalate - RE	<0.155	U H	5.72	5.690	H	ug/L		99	25 - 120
Dimethyl phthalate - RE	<0.108	U H	5.72	6.431	H	ug/L		112	25 - 120
Di-n-butyl phthalate - RE	<0.766	U H	5.72	5.718	H	ug/L		100	1 - 120
Di-n-octyl phthalate - RE	<0.270	U H F1	5.72	11.12	H F1	ug/L		194	4 - 146
Fluoranthene - RE	<0.0884	U H	5.72	7.310	H	ug/L		128	26 - 137
Fluorene - RE	<0.0950	U H	5.72	5.399	H	ug/L		94	59 - 121
Hexachlorobenzene - RE	<0.0976	U H	5.72	6.018	H	ug/L		105	8 - 152
Hexachlorobutadiene - RE	<0.103	U H	5.72	3.647	H	ug/L		64	24 - 120
Hexachlorocyclopentadiene - RE	<0.0513	U H F1 *+	5.72	8.893	H F1	ug/L		155	30 - 130
Hexachloroethane - RE	<0.102	U H	5.72	3.738	H	ug/L		65	40 - 120
Indeno[1,2,3-cd]pyrene - RE	<0.100	U H	5.72	6.024	H	ug/L		105	29 - 171
Isophorone - RE	<0.107	U H	5.72	5.826	H	ug/L		102	21 - 196
Naphthalene - RE	<0.0946	U H	5.72	5.306	H	ug/L		93	21 - 133
Nitrobenzene - RE	<0.0737	U H	5.72	6.052	H	ug/L		106	35 - 180
N-Nitrosodi-n-propylamine - RE	<0.119	U H	5.72	6.879	H	ug/L		120	14 - 230
N-Nitrosodiphenylamine - RE	<0.145	U H	5.72	5.828	H	ug/L		102	60 - 130
Pentachlorophenol - RE	<1.04	U H	5.72	6.624	H	ug/L		116	14 - 176
Phenanthrene - RE	<0.134	U H *+	5.72	6.504	H	ug/L		114	54 - 120
Phenol - RE	0.580	J I H	5.72	2.783	J H	ug/L		39	5 - 120
Pyrene - RE	<0.0850	U H F1	5.72	7.211	H F1	ug/L		126	52 - 120
Pyridine - RE	<1.44	U H *1	5.72	2.142	J H	ug/L		37	5 - 120
N-Nitro-o-toluidine - RE	<0.521	U H	5.72	4.117	H	ug/L		72	47 - 130
2,3,4,6-Tetrachlorophenol - RE	<0.211	U H *+	5.72	7.265	H	ug/L		127	33 - 132
Acetophenone - RE	<0.625	U H F1	5.72	7.657	H F1	ug/L		134	58 - 130
N-Nitrosopiperidine - RE	<0.468	U H	5.72	6.080	H	ug/L		106	54 - 130
Pentachlorobenzene - RE	<0.266	U H	5.72	4.482	H	ug/L		78	47 - 130
1,1'-Biphenyl - RE	<0.0983	U H	5.72	5.002	H	ug/L		87	52 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Lab Sample ID: 860-86937-6 MS
Matrix: Water
Analysis Batch: 205491

Client Sample ID: MW-18
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4-Aminobiphenyl - RE	<0.395	U H	5.72	2.814	H	ug/L		49	35 - 130
1,2,4,5-Tetrachlorobenzene - RE	<0.0959	U H	5.72	4.179	H	ug/L		73	52 - 130
1,3,5-Trinitrobenzene - RE	<0.119	U H	5.72	4.068	H	ug/L		71	42 - 130
1,3-Dinitrobenzene - RE	<0.0774	U H	5.72	6.534	H	ug/L		114	54 - 130
1,4-Naphthoquinone - RE	<0.315	U H	5.72	5.920	H	ug/L		103	34 - 130
1-Naphthylamine - RE	<0.149	U H F1	5.72	2.212	H F1	ug/L		39	40 - 130
2,6-Dichlorophenol - RE	<0.118	U H	5.72	6.767	H	ug/L		118	40 - 130
2-Acetylaminofluorene - RE	<1.27	U H F1 *+	5.72	11.01	H F1	ug/L		192	50 - 150
2-Chlorophenol - RE	0.118	J H	5.72	6.166	H	ug/L		106	23 - 134
2-Naphthylamine - RE	<0.288	U H	5.72	2.551	H	ug/L		45	30 - 130
2-Picoline - RE	<0.123	U H	5.72	1.374	H	ug/L		24	22 - 130
2-Toluidine - RE	<0.306	U H	5.72	2.966	H	ug/L		52	30 - 130
3,3'-Dichlorobenzidine - RE	<0.183	U H	5.72	4.518	H	ug/L		79	25 - 200
3,3'-Dimethylbenzidine - RE	<0.142	U H F1	5.72	0.2379	J H F1	ug/L		4	30 - 130
3-Methylcholanthrene - RE	<0.104	U H	5.72	6.194	H	ug/L		108	53 - 130
4-Nitroquinoline-1-oxide - RE	<0.731	U H	5.72	2.752	H	ug/L		48	39 - 130
7,12-Dimethylbenz(a)anthracene - RE	<0.241	U H	5.72	6.225	H	ug/L		109	63 - 130
alpha,alpha-Dimethyl phenethylamine - RE	<3.68	U H F1 *-	5.72	<3.68	U H F1	ug/L		0	20 - 130
Aramite Peak 1 - RE	<0.0786	U H F1 *+	2.86	3.923	H F1	ug/L		137	69 - 130
Aramite Peak 2 - RE	<0.0955	U H	2.86	3.686	H	ug/L		129	65 - 130
Diallate Peak 1 - RE	<0.0836	U H	4.23	4.400	H	ug/L		104	69 - 130
Diallate Peak 2 - RE	<0.0386	U H	1.49	1.540	H	ug/L		104	67 - 130
Ethyl methanesulfonate - RE	<0.227	U H	5.72	5.237	H	ug/L		92	54 - 130
Hexachloropropene - RE	<0.300	U H	5.72	3.257	H	ug/L		57	37 - 130
Isosafrole Peak 1 - RE	<0.0464	U H	0.916	0.9444	H	ug/L		103	54 - 130
Isosafrole Peak 2 - RE	<0.241	U H	4.81	5.080	H	ug/L		106	62 - 130
Methyl methanesulfonate - RE	<0.120	U H	5.72	2.175	H	ug/L		38	30 - 130
N-Nitrosodiethylamine - RE	<0.539	U H	5.72	6.100	H	ug/L		107	54 - 130
N-Nitrosodimethylamine - RE	<0.100	U H *-	5.72	1.700	H	ug/L		30	30 - 130
N-Nitrosodi-n-butylamine - RE	<0.516	U H F1	5.72	7.737	H F1	ug/L		135	58 - 130
N-Nitrosomethylethylamine - RE	<0.294	U H	5.72	3.877	H	ug/L		68	45 - 130
N-Nitrosomorpholine - RE	<0.221	U H	5.72	2.771	H	ug/L		48	37 - 130
N-Nitrosopyrrolidine - RE	<0.268	U H	5.72	3.670	H	ug/L		64	47 - 130
p-Dimethylamino azobenzene - RE	<0.0238	U H F1	5.72	8.189	H F1	ug/L		143	61 - 130
Pentachloronitrobenzene - RE	<0.100	U H	5.72	5.942	H	ug/L		104	56 - 130
Phenacetin - RE	<0.100	U H	5.72	6.102	H	ug/L		107	70 - 130
p-Phenylene diamine - RE	<0.501	U H F1 *-	5.72	<0.501	U H F1	ug/L		0	3 - 120
Pronamide - RE	<0.100	U H	5.72	6.666	H	ug/L		116	70 - 130
Safrole, Total - RE	<0.0572	U H	5.72	5.849	H	ug/L		102	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr) - RE	*57*		*35 - 130*
2-Fluorobiphenyl - RE	*40*	*S1-*	*43 - 130*
2-Fluorophenol (Surr) - RE	*32*		*19 - 120*
Nitrobenzene-d5 (Surr) - RE	*53*		*37 - 133*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Lab Sample ID: 860-86937-6 MS
Matrix: Water
Analysis Batch: 205491

Client Sample ID: MW-18
Prep Type: Total/NA
Prep Batch: 204625

Surrogate	MS %Recovery	MS Qualifier	Limits
Phenol-d5 (Surr) - RE	*19*		*8 - 124*
p-Terphenyl-d14 - RE	*54*		*47 - 130*

Lab Sample ID: 860-86937-6 MSD
Matrix: Water
Analysis Batch: 205491

Client Sample ID: MW-18
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene - RE	<0.0767	U H	5.73	3.561	H	ug/L		62	44 - 142	6	30
1,2-Dichlorobenzene - RE	0.151	J H	5.73	4.042	H	ug/L		68	51 - 130	4	30
1,3-Dichlorobenzene - RE	<0.102	U H	5.73	3.740	H	ug/L		65	47 - 130	7	30
1,4-Dichlorobenzene - RE	0.242	J H	5.73	3.989	H	ug/L		65	46 - 130	5	30
2,2'-oxybis[1-chloropropane] - RE	<1.43	U H	5.73	5.291	H	ug/L		92	36 - 166	2	30
2,4,5-Trichlorophenol - RE	<0.143	U H F1	5.73	8.012	H F1	ug/L		140	35 - 130	0	30
2,4,6-Trichlorophenol - RE	<0.231	U H	5.73	7.919	H	ug/L		138	37 - 144	1	30
2,4-Dichlorophenol - RE	<0.140	U H	5.73	6.470	H	ug/L		113	39 - 135	2	30
2,4-Dimethylphenol - RE	<0.192	U H F1 *+	5.73	10.28	H F1	ug/L		179	32 - 120	2	30
1,4-Dioxane - RE	7.16	H F1	5.73	6.941	H F1	ug/L		-4	28 - 130	1	30
2,4-Dinitrophenol - RE	<0.104	U H	5.73	4.565	H	ug/L		80	26 - 191	18	30
2,4-Dinitrotoluene - RE	<0.205	U H	5.73	5.169	H	ug/L		90	39 - 139	7	30
2,6-Dinitrotoluene - RE	<0.116	U H	5.73	6.586	H	ug/L		115	50 - 158	5	30
2-Chloronaphthalene - RE	<0.379	U H	5.73	5.086	H	ug/L		89	60 - 120	0	30
2-Methylnaphthalene - RE	<0.0603	U H	5.73	3.825	H	ug/L		67	25 - 175	2	30
2-Methylphenol - RE	<0.105	U H	5.73	5.608	H	ug/L		98	14 - 176	1	30
2-Nitroaniline - RE	<0.149	U H	5.73	5.792	H	ug/L		101	59 - 130	2	30
2-Nitrophenol - RE	<0.136	U H	5.73	6.665	H	ug/L		116	29 - 182	2	30
3 & 4 Methylphenol - RE	<0.139	U H	5.73	5.013	H	ug/L		87	22 - 130	1	30
3-Nitroaniline - RE	<0.0854	U H	5.73	3.121	H	ug/L		54	30 - 130	14	30
4,6-Dinitro-2-methylphenol - RE	<0.202	U H	5.73	5.110	H	ug/L		89	25 - 181	6	30
4-Bromophenyl phenyl ether - RE	<0.100	U H	5.73	5.097	H	ug/L		89	53 - 127	3	30
4-Chloro-3-methylphenol - RE	<0.104	U H	5.73	6.399	H	ug/L		112	22 - 147	1	30
4-Chloroaniline - RE	<0.0386	U H	5.73	2.651	H	ug/L		46	30 - 130	26	30
4-Chlorophenyl phenyl ether - RE	<0.131	U H	5.73	4.987	H	ug/L		87	25 - 158	3	30
4-Nitroaniline - RE	<0.109	U H	5.73	3.940	H	ug/L		69	53 - 130	4	30
Acenaphthene - RE	0.582	H	5.73	5.870	H	ug/L		92	47 - 145	2	30
Acenaphthylene - RE	<0.0998	U H	5.73	7.150	H	ug/L		125	33 - 145	1	30
Aniline - RE	<0.0580	U H	5.73	1.931	H	ug/L		34	20 - 130	30	30
Anthracene - RE	<0.0939	U H *+	5.73	7.078	H	ug/L		124	27 - 133	2	30
Benzo[a]anthracene - RE	<0.0286	U H *+	5.73	7.016	H	ug/L		122	33 - 143	6	30
Benzo[a]pyrene - RE	<0.0300	U H	5.73	6.495	H	ug/L		113	17 - 163	3	30
Benzo[b]fluoranthene - RE	<0.0665	U H *+	5.73	6.502	H	ug/L		113	24 - 159	5	30
Benzo[g,h,i]perylene - RE	<0.0346	U H	5.73	5.711	H	ug/L		100	25 - 219	3	30
Benzo[k]fluoranthene - RE	<0.0473	U H	5.73	5.837	H	ug/L		102	11 - 162	6	30
Benzyl alcohol - RE	<0.601	U H	5.73	3.264	H	ug/L		57	57 - 130	3	30
Bis(2-chloroethoxy)methane - RE	<0.0976	U H	5.73	6.389	H	ug/L		111	33 - 184	0	30
Bis(2-chloroethyl)ether - RE	0.636	H	5.73	6.282	H	ug/L		99	12 - 158	1	30
Bis(2-ethylhexyl) phthalate - RE	<0.901	U H *+	5.73	8.346	H	ug/L		146	8 - 158	4	30
Butyl benzyl phthalate - RE	<0.501	U H	5.73	7.676	H	ug/L		134	70 - 152	4	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Lab Sample ID: 860-86937-6 MSD
Matrix: Water
Analysis Batch: 205491

Client Sample ID: MW-18
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chrysene - RE	<0.0817	U H *+	5.73	6.145	H	ug/L		107	17 - 168	4	30
Dibenz(a,h)anthracene - RE	<0.0510	U H	5.73	6.027	H	ug/L		105	32 - 227	2	30
Dibenzofuran - RE	<0.107	U H	5.73	4.412	H	ug/L		77	48 - 130	0	30
Diethyl phthalate - RE	<0.155	U H	5.73	5.895	H	ug/L		103	25 - 120	4	30
Dimethyl phthalate - RE	<0.108	U H	5.73	6.461	H	ug/L		113	25 - 120	0	30
Di-n-butyl phthalate - RE	<0.766	U H	5.73	5.864	H	ug/L		102	1 - 120	3	30
Di-n-octyl phthalate - RE	<0.270	U H F1	5.73	10.58	H F1	ug/L		185	4 - 146	5	30
Fluoranthene - RE	<0.0884	U H	5.73	7.614	H	ug/L		133	26 - 137	4	30
Fluorene - RE	<0.0950	U H	5.73	5.469	H	ug/L		95	59 - 121	1	30
Hexachlorobenzene - RE	<0.0976	U H	5.73	6.370	H	ug/L		111	8 - 152	6	30
Hexachlorobutadiene - RE	<0.103	U H	5.73	3.486	H	ug/L		61	24 - 120	5	30
Hexachlorocyclopentadiene - RE	<0.0513	U H F1 *+	5.73	9.240	H F1	ug/L		161	30 - 130	4	30
Hexachloroethane - RE	<0.102	U H	5.73	3.525	H	ug/L		62	40 - 120	6	30
Indeno[1,2,3-cd]pyrene - RE	<0.100	U H	5.73	6.147	H	ug/L		107	29 - 171	2	30
Isophorone - RE	<0.107	U H	5.73	5.818	H	ug/L		102	21 - 196	0	30
Naphthalene - RE	<0.0946	U H	5.73	5.075	H	ug/L		89	21 - 133	4	30
Nitrobenzene - RE	<0.0737	U H	5.73	5.939	H	ug/L		104	35 - 180	2	30
N-Nitrosodi-n-propylamine - RE	<0.119	U H	5.73	7.075	H	ug/L		123	14 - 230	3	30
N-Nitrosodiphenylamine - RE	<0.145	U H	5.73	5.938	H	ug/L		104	60 - 130	2	30
Pentachlorophenol - RE	<1.04	U H	5.73	6.435	H	ug/L		112	14 - 176	3	30
Phenanthrene - RE	<0.134	U H *+	5.73	6.698	H	ug/L		117	54 - 120	3	30
Phenol - RE	0.580	J I H	5.73	2.656	J H	ug/L		36	5 - 120	5	30
Pyrene - RE	<0.0850	U H F1	5.73	7.389	H F1	ug/L		129	52 - 120	2	30
Pyridine - RE	<1.44	U H *1	5.73	<1.44	U H F1	ug/L		0	5 - 120	NC	30
N-Nitro-o-toluidine - RE	<0.521	U H	5.73	3.919	H	ug/L		68	47 - 130	5	30
2,3,4,6-Tetrachlorophenol - RE	<0.211	U H *+	5.73	7.703	H F1	ug/L		134	33 - 132	6	30
Acetophenone - RE	<0.625	U H F1	5.73	7.473	H	ug/L		130	58 - 130	2	30
N-Nitrosopiperidine - RE	<0.468	U H	5.73	6.065	H	ug/L		106	54 - 130	0	30
Pentachlorobenzene - RE	<0.266	U H	5.73	4.589	H	ug/L		80	47 - 130	2	30
1,1'-Biphenyl - RE	<0.0983	U H	5.73	4.925	H	ug/L		86	52 - 130	2	30
4-Aminobiphenyl - RE	<0.395	U H	5.73	2.210	H	ug/L		39	35 - 130	24	30
1,2,4,5-Tetrachlorobenzene - RE	<0.0959	U H	5.73	4.110	H	ug/L		72	52 - 130	2	30
1,3,5-Trinitrobenzene - RE	<0.119	U H	5.73	4.187	H	ug/L		73	42 - 130	3	30
1,3-Dinitrobenzene - RE	<0.0774	U H	5.73	6.576	H	ug/L		115	54 - 130	1	30
1,4-Naphthoquinone - RE	<0.315	U H	5.73	5.760	H	ug/L		101	34 - 130	3	30
1-Naphthylamine - RE	<0.149	U H F1	5.73	2.083	H F1	ug/L		36	40 - 130	6	30
2,6-Dichlorophenol - RE	<0.118	U H	5.73	6.787	H	ug/L		118	40 - 130	0	30
2-Acetylaminofluorene - RE	<1.27	U H F1 *+	5.73	11.36	H F1	ug/L		198	50 - 150	3	30
2-Chlorophenol - RE	0.118	J H	5.73	6.035	H	ug/L		103	23 - 134	2	30
2-Naphthylamine - RE	<0.288	U H	5.73	1.724	H F2	ug/L		30	30 - 130	39	30
2-Picoline - RE	<0.123	U H	5.73	1.025	H F1	ug/L		18	22 - 130	29	30
2-Toluidine - RE	<0.306	U H	5.73	2.270	H	ug/L		40	30 - 130	27	30
3,3'-Dichlorobenzidine - RE	<0.183	U H	5.73	3.888	H	ug/L		68	25 - 200	15	30
3,3'-Dimethylbenzidine - RE	<0.142	U H F1	5.73	0.1647	J H I F1 F2	ug/L		3	30 - 130	36	30
3-Methylcholanthrene - RE	<0.104	U H	5.73	6.321	H	ug/L		110	53 - 130	2	30
4-Nitroquinoline-1-oxide - RE	<0.731	U H	5.73	2.886	H	ug/L		50	39 - 130	5	30
7,12-Dimethylbenz(a)anthracene - RE	<0.241	U H	5.73	5.804	H	ug/L		101	63 - 130	7	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Lab Sample ID: 860-86937-6 MSD
Matrix: Water
Analysis Batch: 205491

Client Sample ID: MW-18
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
alpha,alpha-Dimethyl phenethylamine - RE	<3.68	U H F1 *-	5.73	<3.68	U H F1	ug/L		0	20 - 130	NC	30
Aramite Peak 1 - RE	<0.0786	U H F1 *+	2.87	3.985	H F1	ug/L		139	69 - 130	2	30
Aramite Peak 2 - RE	<0.0955	U H	2.87	3.794	H F1	ug/L		132	65 - 130	3	30
Diallate Peak 1 - RE	<0.0836	U H	4.24	4.431	H	ug/L		104	69 - 130	1	30
Diallate Peak 2 - RE	<0.0386	U H	1.49	1.571	H	ug/L		105	67 - 130	2	30
Ethyl methanesulfonate - RE	<0.227	U H	5.73	5.120	H	ug/L		89	54 - 130	2	30
Hexachloropropene - RE	<0.300	U H	5.73	3.090	H	ug/L		54	37 - 130	5	30
Isosafrole Peak 1 - RE	<0.0464	U H	0.917	0.9081	H	ug/L		99	54 - 130	4	30
Isosafrole Peak 2 - RE	<0.241	U H	4.81	5.267	H	ug/L		109	62 - 130	4	30
Methyl methanesulfonate - RE	<0.120	U H	5.73	2.107	H	ug/L		37	30 - 130	3	30
N-Nitrosodiethylamine - RE	<0.539	U H	5.73	6.116	H	ug/L		107	54 - 130	0	30
N-Nitrosodimethylamine - RE	<0.100	U H *-	5.73	1.678	H F1	ug/L		29	30 - 130	1	30
N-Nitrosodi-n-butylamine - RE	<0.516	U H F1	5.73	7.760	H F1	ug/L		135	58 - 130	0	30
N-Nitrosomethylethylamine - RE	<0.294	U H	5.73	3.761	H	ug/L		66	45 - 130	3	30
N-Nitrosomorpholine - RE	<0.221	U H	5.73	2.558	H	ug/L		45	37 - 130	8	30
N-Nitrosopyrrolidine - RE	<0.268	U H	5.73	3.653	H	ug/L		64	47 - 130	0	30
p-Dimethylamino azobenzene - RE	<0.0238	U H F1	5.73	8.507	H F1	ug/L		148	61 - 130	4	30
Pentachloronitrobenzene - RE	<0.100	U H	5.73	6.038	H	ug/L		105	56 - 130	2	30
Phenacetin - RE	<0.100	U H	5.73	5.552	H	ug/L		97	70 - 130	9	30
p-Phenylene diamine - RE	<0.501	U H F1 *-	5.73	<0.501	U H F1	ug/L		0	3 - 120	NC	30
Pronamide - RE	<0.100	U H	5.73	6.823	H	ug/L		119	70 - 130	2	30
Safrole, Total - RE	<0.0572	U H	5.73	5.820	H	ug/L		102	70 - 130	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr) - RE	*73*		*35 - 130*
2-Fluorobiphenyl - RE	*51*		*43 - 130*
2-Fluorophenol (Surr) - RE	*40*		*19 - 120*
Nitrobenzene-d5 (Surr) - RE	*67*		*37 - 133*
Phenol-d5 (Surr) - RE	*24*		*8 - 124*
p-Terphenyl-d14 - RE	*72*		*47 - 130*

QC Association Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

GC/MS VOA

Analysis Batch: 200039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86937-4	MW-20	Total/NA	Water	8260D	
860-86937-5	MW-19	Total/NA	Water	8260D	
MB 860-200039/7	Method Blank	Total/NA	Water	8260D	
LCS 860-200039/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-200039/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 200299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86937-1	TB-06(111124)	Total/NA	Water	8260D	
860-86937-3	MW-22	Total/NA	Water	8260D	
MB 860-200299/9	Method Blank	Total/NA	Water	8260D	
LCS 860-200299/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-200299/4	Lab Control Sample Dup	Total/NA	Water	8260D	
820-16177-B-3 MS	Matrix Spike	Total/NA	Water	8260D	

Analysis Batch: 200483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86937-2	MW-24	Total/NA	Water	8260D	
860-86937-3	MW-22	Total/NA	Water	8260D	
860-86937-4 - RA	MW-20	Total/NA	Water	8260D	
860-86937-5 - RA	MW-19	Total/NA	Water	8260D	
860-86937-6	MW-18	Total/NA	Water	8260D	
860-86937-7	MW-06	Total/NA	Water	8260D	
860-86937-8	FB-01	Total/NA	Water	8260D	
860-86937-9	MW-09	Total/NA	Water	8260D	
MB 860-200483/18	Method Blank	Total/NA	Water	8260D	
LCS 860-200483/1011	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-200483/12	Lab Control Sample Dup	Total/NA	Water	8260D	
860-86937-6 MS	MW-18	Total/NA	Water	8260D	
860-86937-6 MSD	MW-18	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 199671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86937-2	MW-24	Total/NA	Water	3511	
860-86937-3	MW-22	Total/NA	Water	3511	
860-86937-3 - DL	MW-22	Total/NA	Water	3511	
860-86937-3 - DL2	MW-22	Total/NA	Water	3511	
MB 860-199671/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-199671/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-199671/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-199671/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-199671/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Prep Batch: 199899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86937-4	MW-20	Total/NA	Water	3511	
860-86937-4 - DL	MW-20	Total/NA	Water	3511	
860-86937-5	MW-19	Total/NA	Water	3511	
860-86937-5 - DL2	MW-19	Total/NA	Water	3511	

GC/MS Semi VOA (Continued)

Prep Batch: 199899 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86937-5 - DL	MW-19	Total/NA	Water	3511	
860-86937-6	MW-18	Total/NA	Water	3511	
860-86937-6 - DL	MW-18	Total/NA	Water	3511	
860-86937-7	MW-06	Total/NA	Water	3511	
860-86937-9	MW-09	Total/NA	Water	3511	
MB 860-199899/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-199899/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-199899/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
860-86937-6 MS	MW-18	Total/NA	Water	3511	
860-86937-6 MS - DL	MW-18	Total/NA	Water	3511	
860-86937-6 MSD	MW-18	Total/NA	Water	3511	
860-86937-6 MSD - DL	MW-18	Total/NA	Water	3511	

Analysis Batch: 200175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-199671/1-A	Method Blank	Total/NA	Water	8270E	199671
MB 860-199899/1-A	Method Blank	Total/NA	Water	8270E	199899
LCS 860-199671/4-A	Lab Control Sample	Total/NA	Water	8270E	199671
LCS 860-199899/2-A	Lab Control Sample	Total/NA	Water	8270E	199899
LCSD 860-199671/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	199671
LCSD 860-199899/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	199899

Analysis Batch: 200531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86937-2	MW-24	Total/NA	Water	8270E	199671
860-86937-3	MW-22	Total/NA	Water	8270E	199671

Analysis Batch: 200733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-199671/2-A	Lab Control Sample	Total/NA	Water	8270E	199671
LCSD 860-199671/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	199671

Prep Batch: 200832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86937-2 - RE	MW-24	Total/NA	Water	3511	
860-86937-3 - RE	MW-22	Total/NA	Water	3511	
860-86937-3 - REDL	MW-22	Total/NA	Water	3511	
MB 860-200832/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-200832/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-200832/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-200832/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-200832/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 200999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-200832/1-A	Method Blank	Total/NA	Water	8270E	200832
LCS 860-200832/2-A	Lab Control Sample	Total/NA	Water	8270E	200832
LCSD 860-200832/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	200832

QC Association Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

GC/MS Semi VOA

Analysis Batch: 201887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-200832/4-A	Lab Control Sample	Total/NA	Water	8270E	200832
LCSD 860-200832/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	200832

Analysis Batch: 204609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86937-4 - DL	MW-20	Total/NA	Water	8270E	199899
860-86937-5 - DL	MW-19	Total/NA	Water	8270E	199899
860-86937-6 - DL	MW-18	Total/NA	Water	8270E	199899
860-86937-6 MS - DL	MW-18	Total/NA	Water	8270E	199899
860-86937-6 MSD - DL	MW-18	Total/NA	Water	8270E	199899

Prep Batch: 204625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86937-4 - RE	MW-20	Total/NA	Water	3511	
860-86937-5 - RE	MW-19	Total/NA	Water	3511	
860-86937-6 - RE	MW-18	Total/NA	Water	3511	
860-86937-7 - RE	MW-06	Total/NA	Water	3511	
860-86937-9 - RE	MW-09	Total/NA	Water	3511	
MB 860-204625/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-204625/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-204625/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-204625/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-204625/5-A	Lab Control Sample Dup	Total/NA	Water	3511	
860-86937-6 MS - RE	MW-18	Total/NA	Water	3511	
860-86937-6 MSD - RE	MW-18	Total/NA	Water	3511	

Analysis Batch: 204872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86937-5 - DL2	MW-19	Total/NA	Water	8270E	199899

Analysis Batch: 205425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-204625/1-A	Method Blank	Total/NA	Water	8270E	204625
LCS 860-204625/2-A	Lab Control Sample	Total/NA	Water	8270E	204625
LCS 860-204625/4-A	Lab Control Sample	Total/NA	Water	8270E	204625
LCSD 860-204625/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	204625
LCSD 860-204625/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	204625

Analysis Batch: 205458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86937-2 - RE	MW-24	Total/NA	Water	8270E	200832
860-86937-3 - DL	MW-22	Total/NA	Water	8270E	199671
860-86937-3 - DL2	MW-22	Total/NA	Water	8270E	199671
860-86937-3 - RE	MW-22	Total/NA	Water	8270E	200832
860-86937-3 - REDL	MW-22	Total/NA	Water	8270E	200832

Analysis Batch: 205491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86937-4	MW-20	Total/NA	Water	8270E	199899
860-86937-4 - RE	MW-20	Total/NA	Water	8270E	204625
860-86937-5	MW-19	Total/NA	Water	8270E	199899

GC/MS Semi VOA (Continued)

Analysis Batch: 205491 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86937-5 - RE	MW-19	Total/NA	Water	8270E	204625
860-86937-6	MW-18	Total/NA	Water	8270E	199899
860-86937-6 - RE	MW-18	Total/NA	Water	8270E	204625
860-86937-7	MW-06	Total/NA	Water	8270E	199899
860-86937-7 - RE	MW-06	Total/NA	Water	8270E	204625
860-86937-9	MW-09	Total/NA	Water	8270E	199899
860-86937-9 - RE	MW-09	Total/NA	Water	8270E	204625
860-86937-6 MS	MW-18	Total/NA	Water	8270E	199899
860-86937-6 MS - RE	MW-18	Total/NA	Water	8270E	204625
860-86937-6 MSD	MW-18	Total/NA	Water	8270E	199899
860-86937-6 MSD - RE	MW-18	Total/NA	Water	8270E	204625

Analysis Batch: 205499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86937-3 - DL2	MW-22	Total/NA	Water	8270E	199671

Lab Chronicle

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: TB-06(111124)

Date Collected: 11/11/24 00:00
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200299	11/18/24 13:32	NA	EET HOU

Client Sample ID: MW-24

Date Collected: 11/11/24 11:33
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200483	11/18/24 23:21	NA	EET HOU
Total/NA	Prep	3511			70.1 mL	4 mL	199671	11/14/24 08:14	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	200531	11/19/24 03:02	EM	EET HOU
Total/NA	Prep	3511	RE		70.7 mL	4 mL	200832	11/20/24 07:01	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	205458	12/14/24 12:42	T1S	EET HOU

Client Sample ID: MW-22

Date Collected: 11/11/24 12:26
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200299	11/18/24 12:53	NA	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	200483	11/19/24 00:39	NA	EET HOU
Total/NA	Prep	3511			70.3 mL	4 mL	199671	11/14/24 08:14	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	200531	11/19/24 03:32	EM	EET HOU
Total/NA	Prep	3511	DL		70.3 mL	4 mL	199671	11/14/24 08:14	DR	EET HOU
Total/NA	Analysis	8270E	DL	100	1 mL	1 mL	205458	12/14/24 10:10	T1S	EET HOU
Total/NA	Prep	3511	DL2		70.3 mL	4 mL	199671	11/14/24 08:14	DR	EET HOU
Total/NA	Analysis	8270E	DL2	1000	1 mL	1 mL	205458	12/14/24 10:41	T1S	EET HOU
Total/NA	Prep	3511	RE		70.2 mL	4 mL	200832	11/20/24 07:01	DR	EET HOU
Total/NA	Analysis	8270E	RE	100	1 mL	1 mL	205458	12/14/24 13:12	T1S	EET HOU
Total/NA	Prep	3511	REDL		70.2 mL	4 mL	200832	11/20/24 07:01	DR	EET HOU
Total/NA	Analysis	8270E	REDL	5000	1 mL	1 mL	205458	12/14/24 13:43	T1S	EET HOU
Total/NA	Prep	3511	DL2		70.3 mL	4 mL	199671	11/14/24 08:14	DR	EET HOU
Total/NA	Analysis	8270E	DL2	5000	1 mL	1 mL	205499	12/15/24 22:26	LPL	EET HOU

Client Sample ID: MW-20

Date Collected: 11/11/24 14:02
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	200483	11/19/24 00:59	NA	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	200039	11/16/24 00:52	A1S	EET HOU
Total/NA	Prep	3511			71.1 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	205491	12/14/24 23:15	T1S	EET HOU
Total/NA	Prep	3511	RE		70 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	205491	12/15/24 02:48	T1S	EET HOU

Lab Chronicle

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Client Sample ID: MW-20

Date Collected: 11/11/24 14:02
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511	DL		71.1 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E	DL	100	1 mL	1 mL	204609	12/11/24 07:21	LPL	EET HOU

Client Sample ID: MW-19

Date Collected: 11/11/24 14:55
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	200483	11/19/24 01:18	NA	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	200039	11/16/24 00:29	A1S	EET HOU
Total/NA	Prep	3511			70.5 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	205491	12/14/24 23:45	T1S	EET HOU
Total/NA	Prep	3511	RE		69.3 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	205491	12/15/24 03:18	T1S	EET HOU
Total/NA	Prep	3511	DL		70.5 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E	DL	100	1 mL	1 mL	204609	12/11/24 07:50	LPL	EET HOU
Total/NA	Prep	3511	DL2		70.5 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E	DL2	1000	1 mL	1 mL	204872	12/12/24 00:42	ELJ	EET HOU

Client Sample ID: MW-18

Date Collected: 11/12/24 12:30
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200483	11/19/24 00:00	NA	EET HOU
Total/NA	Prep	3511			70.2 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	205491	12/15/24 00:16	T1S	EET HOU
Total/NA	Prep	3511	RE		69.9 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	205491	12/15/24 03:48	T1S	EET HOU
Total/NA	Prep	3511	DL		70.2 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E	DL	200	1 mL	1 mL	204609	12/11/24 04:56	LPL	EET HOU

Client Sample ID: MW-06

Date Collected: 11/12/24 13:30
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86937-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200483	11/19/24 01:38	NA	EET HOU
Total/NA	Prep	3511			70.1 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	205491	12/15/24 01:47	T1S	EET HOU
Total/NA	Prep	3511	RE		69.7 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	205491	12/15/24 05:19	T1S	EET HOU

Lab Chronicle

Client: Ashland LLC
Job ID: 860-86937-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: FB-01
Lab Sample ID: 860-86937-8
Date Collected: 11/12/24 13:45
Matrix: Water
Date Received: 11/13/24 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200483	11/19/24 01:57	NA	EET HOU

Client Sample ID: MW-09
Lab Sample ID: 860-86937-9
Date Collected: 11/12/24 14:42
Matrix: Water
Date Received: 11/13/24 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200483	11/19/24 00:20	NA	EET HOU
Total/NA	Prep	3511			70.5 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	205491	12/15/24 02:18	T1S	EET HOU
Total/NA	Prep	3511	RE		70 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	205491	12/15/24 05:50	T1S	EET HOU

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Ashland LLC
Job ID: 860-86937-1
Project/Site: Hercules Hattiesburg, MS

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-03-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	06-30-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	06-30-25
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86937-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-86937-1	TB-06(111124)	Water	11/11/24 00:00	11/13/24 09:46
860-86937-2	MW-24	Water	11/11/24 11:33	11/13/24 09:46
860-86937-3	MW-22	Water	11/11/24 12:26	11/13/24 09:46
860-86937-4	MW-20	Water	11/11/24 14:02	11/13/24 09:46
860-86937-5	MW-19	Water	11/11/24 14:55	11/13/24 09:46
860-86937-6	MW-18	Water	11/12/24 12:30	11/13/24 09:46
860-86937-7	MW-06	Water	11/12/24 13:30	11/13/24 09:46
860-86937-8	FB-01	Water	11/12/24 13:45	11/13/24 09:46
860-86937-9	MW-09	Water	11/12/24 14:42	11/13/24 09:46

RUA0 Wells

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

12/19/2024

Client Information	Sampler: Brandon Cassidy	Lab PM: Kudchadkar Sachin G	Carrier Tracking No(s):	COC No: 860-33465-10045.1
Client Contact: Mr Antonio Cardoso	Phone: 231-615-9367	E-Mail: Sachin.Kudchadkar@et.eurofinsus.com	State of Origin: MS	Page: Page
Company: Arcadis US Inc.	PWSID:			Job #:
Address: 4300 West Cypress Street Suite 450	Due Date Requested:			
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33607	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 1095575			
Email: antonio.cardoso@arcadis.com	WO #:			
Project Name: Hercules Hattiesburg, MS	Project #: 86006085			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None

Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ (MOD) Appendix 9 SVOCs	8260D (MOD) Appendix 9 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
TB-06(111124)	11/11/24	—	G	Water	N	N		X	2	
MW-24	11/11/24	1133	G	Water	N	N	X	X	7	
MW-22	11/11/24	1226	G	Water	N	N	X	X	7	
MW-20	11/11/24	1402	G	Water	N	N	X	X	7	
MW-19	11/11/24	1455	G	Water	N	N	X	X	7	
MW-18	11/12/24	1230	G	Water	N	Y	X	X	21	
MW-06	11/12/24	1330	G	Water	N	N	X	X	7	
FB-01	11/12/24	1345	G	Water	N	N		X	3	
MW-09	11/12/24	1442	G	Water	N	N	X	X	7	
				Water						
				Water						

860-86937 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	11/12/24 1600	Arcadis			
2	Relinquished by:	Date/Time:	Company	Received by: Nuanor	Date/Time: 11/13/24 946	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 3 1 3.0 HOU 368

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: Ashland LLC

Job Number: 860-86937-1

Login Number: 86937
List Number: 1
Creator: Jimenez, Nicanor

List Source: Eurofins Houston

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

ANALYTICAL REPORT

PREPARED FOR

Attn: Timothy Hassett
Ashland LLC
Ashland Hercules Research Center
500 Hercules Rd Bldg 8145
Wilmington, Delaware 19808

Generated 12/26/2024 5:36:14 PM

JOB DESCRIPTION

Hercules Hattiesburg, MS

JOB NUMBER

860-86945-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

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12/26/2024 5:36:14 PM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Definitions/Glossary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
E	Result exceeded calibration range.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
860-86945-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/13/2024 9:46 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C.

GC/MS VOA
Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-200483 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8260D: Reanalysis of the following samples were performed outside of the analytical holding time for confirmation : MW-1 (860-86945-2), MW-3 (860-86945-3) and MW-2 (860-86945-4).

Method 8260D: The matrix spike (MS) recoveries for analytical batch 860-200579 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The surrogate recovery for the laboratory control sample associated with preparation batch 860-199899 and analytical batch 860-200175 was outside the upper control limits.

Method 8270E_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-4 (860-86945-7) and MW-5 (860-86945-9). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The surrogate recovery for the method blank, laboratory control sample and laboratory control sample duplicate associated with preparation batch 860-204625 and analytical batch 860-205425 was outside the upper control limits.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200175 recovered above the upper control limit for Methapyrilene, Dinoseb and Dimethoate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-200175/3).

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate(LCS/LCSD) for preparation batch 860-199899 and analytical batch 860-200175 recovered outside control limits for multiple analytes. The associated sample(s) was re-prepared and re-analyzed outside holding time.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-205425 recovered above the upper control limit for Di-n-octyl phthalate, p-Terphenyl-d14, Benzo[b]fluoranthene, Benzo[a]anthracene, 2-Acetylaminofluorene, 4-

Chloroaniline, 1,2,4,5-Tetrachlorobenzene, Anthracene, Chrysene, Phenanthrene and Hexachloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-205425/2).

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-1 (860-86945-2) and MW-3 (860-86945-3). These results have been reported and qualified.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-204625 and analytical batch 860-205425 recovered outside control limits for multiple analytes. The associated sample was re-prepared and re-analyzed outside holding time.

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: RB-01 (860-86945-6), MW-4 (860-86945-7), MW-11 (860-86945-8) and MW-5 (860-86945-9). These results have been reported and qualified.

Method 8270E_QQQ: The following samples were re-prepared and re-analyzed outside of preparation holding time due to initial analysis LCS/LCSD recoveries outside control limits: MW-1 (860-86945-2), MW-3 (860-86945-3) and MW-2 (860-86945-4).

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-206764 recovered above the upper control limit for Anthracene and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-206764/2).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200175 recovered above the upper control limit for 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 2-Methylphenol, N-Nitrosomorpholine, 2-Toluidine Hexachloroethane and 1,2-Dichlorobenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-200175/2).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-206439 recovered above the upper control limit for Benzo[a]anthracene, Benzo[b]fluoranthene, Bis(2-ethylhexyl) phthalate, 2-Acetylaminofluorene and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-206439/2).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-206439 recovered above the upper control limit for Methapyrilene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-206439/3).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-207127 recovered above the upper control limit for alpha,alpha-Dimethyl phenethylamine. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-207127/2).

Method 8270E_QQQ: The following samples were re-prepared outside of preparation holding time due to initial analysis LCS/LCSD recoveries outside control limits: MW-10 (860-86945-5), RB-01 (860-86945-6), MW-4 (860-86945-7), MW-11 (860-86945-8) and MW-5 (860-86945-9).

Method 8270E_QQQ: The following sample required a dilution due to the nature of the sample matrix: MW-5 (860-86945-9). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation

does not provide useful information.

Method 8270E_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-4 (860-86945-7) and MW-5 (860-86945-9). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The following samples were re-prepared outside of preparation holding time due to initial analysis LCS/LCSD recoveries outside control limits: MW-4 (860-86945-7) and MW-5 (860-86945-9).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: TB-05 (111124) — Lab Sample ID: 860-86945-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.87	J	5.00	1.73	ug/L	1		8260D	Total/NA

Client Sample ID: MW-1 — Lab Sample ID: 860-86945-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aniline	0.211	J I	0.576	0.0584	ug/L	1		8270E	Total/NA
Nitrobenzene	0.204	J	0.576	0.0742	ug/L	1		8270E	Total/NA
Diphenyl ether	0.202	J	0.576	0.0916	ug/L	1		8270E	Total/NA
Diphenyl ether - RE	0.258	J H	0.567	0.0903	ug/L	1		8270E	Total/NA

Client Sample ID: MW-3 — Lab Sample ID: 860-86945-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aniline	0.114	J	0.576	0.0584	ug/L	1		8270E	Total/NA
Nitrobenzene	0.130	J	0.576	0.0742	ug/L	1		8270E	Total/NA
1,4-Dioxane - RE	0.311	J H	0.568	0.0885	ug/L	1		8270E	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 860-86945-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.292	J I	0.574	0.0894	ug/L	1		8270E	Total/NA
1,4-Dioxane - RE	0.172	J I H	0.573	0.0893	ug/L	1		8270E	Total/NA

Client Sample ID: MW-10 — Lab Sample ID: 860-86945-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.128	J I	0.573	0.0893	ug/L	1		8270E	Total/NA
1,4-Dioxane - RE	0.105	J H I	0.571	0.0890	ug/L	1		8270E	Total/NA

Client Sample ID: RB-01 — Lab Sample ID: 860-86945-6

No Detections.

Client Sample ID: MW-4 — Lab Sample ID: 860-86945-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,2,4-Trimethylpentane	0.570	J	5.00	0.500	ug/L	1		8260D	Total/NA
2-Propanol	10.3		10.0	5.23	ug/L	1		8260D	Total/NA
1,4-Dioxane	11.1		0.573	0.0893	ug/L	1		8270E	Total/NA
Phenol	0.538	J I	2.87	0.449	ug/L	1		8270E	Total/NA
Sulfotepp	5.98	*+	0.573	0.147	ug/L	1		8270E	Total/NA
Diphenyl ether - DL	120		11.5	1.82	ug/L	20		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - DL	35.2	*+	5.73	1.39	ug/L	10		8270E	Total/NA
2,2'-oxybis[1-chloropropane] - RE	2.01	J H I	2.84	1.42	ug/L	1		8270E	Total/NA
1,4-Dioxane - RE	10.3	H	0.569	0.0886	ug/L	1		8270E	Total/NA
Bis(2-chloroethyl)ether - RE	2.12	H I	0.569	0.213	ug/L	1		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - REDL	28.1	H	5.69	1.38	ug/L	10		8270E	Total/NA

Client Sample ID: MW-11 — Lab Sample ID: 860-86945-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrobenzene	0.139	J	0.571	0.0735	ug/L	1		8270E	Total/NA
Diphenyl ether	0.148	J	0.571	0.0909	ug/L	1		8270E	Total/NA
Diphenyl ether - RE	0.0930	J H I	0.571	0.0909	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Ashland LLC
Job ID: 860-86945-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: MW-5
Lab Sample ID: 860-86945-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.55	J	100	3.07	ug/L	1		8260D	Total/NA
Tetrahydrofuran	2.38	J	10.0	1.83	ug/L	1		8260D	Total/NA
2-Methylnaphthalene	0.129	J I	0.569	0.0600	ug/L	1		8270E	Total/NA
Acenaphthene	0.505	J	0.569	0.107	ug/L	1		8270E	Total/NA
Anthracene	0.0985	J	0.569	0.0934	ug/L	1		8270E	Total/NA
Diethyl phthalate	0.216	J *+	1.14	0.154	ug/L	1		8270E	Total/NA
Fluorene	0.170	J	0.569	0.0944	ug/L	1		8270E	Total/NA
Nitrobenzene	2.12	I	0.569	0.0733	ug/L	1		8270E	Total/NA
Diphenyl ether	3.76		0.569	0.0906	ug/L	1		8270E	Total/NA
o,o',o''-Triethylphosphorothioate	16.1	*+	0.569	0.138	ug/L	1		8270E	Total/NA
Sulfotepp	7.75	*+	0.569	0.146	ug/L	1		8270E	Total/NA
1,4-Dioxane - DL	306		28.4	4.43	ug/L	50		8270E	Total/NA
4-Nitroaniline - RE	0.262	J H I	0.569	0.108	ug/L	1		8270E	Total/NA
Acenaphthene - RE	0.327	J H	0.569	0.107	ug/L	1		8270E	Total/NA
Fluorene - RE	0.108	J H	0.569	0.0944	ug/L	1		8270E	Total/NA
Diphenyl ether - RE	2.26	H	0.569	0.0906	ug/L	1		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - RE	10.1	H	0.569	0.138	ug/L	1		8270E	Total/NA
Sulfotepp - RE	1.79	H *+	0.569	0.146	ug/L	1		8270E	Total/NA
1,4-Dioxane - REDL	276	H	56.9	8.86	ug/L	100		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: TB-05 (111124)

Date Collected: 11/11/24 00:00
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-1

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/18/24 23:02	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/18/24 23:02	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/18/24 23:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/18/24 23:02	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/18/24 23:02	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/18/24 23:02	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/18/24 23:02	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/18/24 23:02	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/18/24 23:02	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/18/24 23:02	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/18/24 23:02	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/18/24 23:02	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/18/24 23:02	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/18/24 23:02	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/18/24 23:02	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/18/24 23:02	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/18/24 23:02	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/18/24 23:02	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/18/24 23:02	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/18/24 23:02	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/18/24 23:02	1
Acetone	<3.07	U	100	3.07	ug/L			11/18/24 23:02	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/18/24 23:02	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/18/24 23:02	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/18/24 23:02	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/18/24 23:02	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/18/24 23:02	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/18/24 23:02	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/18/24 23:02	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/18/24 23:02	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/18/24 23:02	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/18/24 23:02	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/18/24 23:02	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/18/24 23:02	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/18/24 23:02	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/18/24 23:02	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/18/24 23:02	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/18/24 23:02	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/18/24 23:02	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/18/24 23:02	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/18/24 23:02	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/18/24 23:02	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/18/24 23:02	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/18/24 23:02	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/18/24 23:02	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/18/24 23:02	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/18/24 23:02	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/18/24 23:02	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/18/24 23:02	1

Client Sample ID: TB-05 (111124)
Lab Sample ID: 860-86945-1
Date Collected: 11/11/24 00:00
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/18/24 23:02	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/18/24 23:02	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/18/24 23:02	1
Methylene Chloride	**2.87**	**J**	5.00	1.73	ug/L			11/15/24 19:16	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/18/24 23:02	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/18/24 23:02	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/18/24 23:02	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/18/24 23:02	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/18/24 23:02	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/18/24 23:02	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/18/24 23:02	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/18/24 23:02	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/18/24 23:02	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/18/24 23:02	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/18/24 23:02	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/18/24 23:02	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/18/24 23:02	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/18/24 23:02	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/18/24 23:02	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/18/24 23:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*		*11/15/24 19:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*11/18/24 23:02*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*11/15/24 19:16*	*1*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*		*11/18/24 23:02*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*11/15/24 19:16*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 131*		*11/18/24 23:02*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/15/24 19:16*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*11/18/24 23:02*	*1*

Client Sample ID: MW-1
Lab Sample ID: 860-86945-2
Date Collected: 11/11/24 11:17
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/15/24 21:11	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/15/24 21:11	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/15/24 21:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/15/24 21:11	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/15/24 21:11	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/15/24 21:11	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/15/24 21:11	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/15/24 21:11	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/15/24 21:11	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/15/24 21:11	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/15/24 21:11	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/15/24 21:11	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/15/24 21:11	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: MW-1
Date Collected: 11/11/24 11:17
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/15/24 21:11	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/15/24 21:11	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/15/24 21:11	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/15/24 21:11	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/15/24 21:11	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/15/24 21:11	1
Acetone	<3.07	U	100	3.07	ug/L			11/15/24 21:11	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/15/24 21:11	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/15/24 21:11	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/15/24 21:11	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/15/24 21:11	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/15/24 21:11	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/15/24 21:11	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/15/24 21:11	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/15/24 21:11	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/15/24 21:11	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/15/24 21:11	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/15/24 21:11	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/15/24 21:11	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/15/24 21:11	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/15/24 21:11	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/15/24 21:11	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/15/24 21:11	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/15/24 21:11	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/15/24 21:11	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/15/24 21:11	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/15/24 21:11	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/15/24 21:11	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/15/24 21:11	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/15/24 21:11	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/15/24 21:11	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/15/24 21:11	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/15/24 21:11	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/15/24 21:11	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/15/24 21:11	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/15/24 21:11	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/15/24 21:11	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/15/24 21:11	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/15/24 21:11	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/15/24 21:11	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/15/24 21:11	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/15/24 21:11	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/15/24 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*		*11/15/24 21:11*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*11/15/24 21:11*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*11/15/24 21:11*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/15/24 21:11*	*1*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: MW-1

Date Collected: 11/11/24 11:17
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-2

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<8.28	U H	50.0	8.28	ug/L			11/19/24 02:17	1
2-Hexanone (MBK)	<5.00	U H	50.0	5.00	ug/L			11/19/24 02:17	1
Acrolein	<11.1	U H	50.0	11.1	ug/L			11/19/24 02:17	1
Bromomethane	<1.42	U H	5.00	1.42	ug/L			11/19/24 02:17	1
Dichlorodifluoromethane	<0.785	U H	1.00	0.785	ug/L			11/19/24 02:17	1
Ethyl methacrylate	<1.12	U H	5.00	1.12	ug/L			11/19/24 02:17	1
Hexane	<0.517	U H	5.00	0.517	ug/L			11/19/24 02:17	1
Iodomethane	<5.00	U H	20.0	5.00	ug/L			11/19/24 02:17	1
Isobutanol	<17.1	U H	50.0	17.1	ug/L			11/19/24 02:17	1
Methacrylonitrile	<2.72	U H	10.0	2.72	ug/L			11/19/24 02:17	1
Methyl methacrylate	<2.25	U H	10.0	2.25	ug/L			11/19/24 02:17	1
trans-1,4-Dichloro-2-butene	<1.35	U H	10.0	1.35	ug/L			11/19/24 02:17	1
Vinyl acetate	<2.14	U H	20.0	2.14	ug/L			11/19/24 02:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*11/19/24 02:17*	*1*
4-Bromofluorobenzene (Surr)	*94*		*74 - 124*		*11/19/24 02:17*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 131*		*11/19/24 02:17*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*11/19/24 02:17*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0772	U *-	0.576	0.0772	ug/L		11/15/24 05:06	12/19/24 16:37	1
1,2-Dichlorobenzene	<0.0948	U	0.576	0.0948	ug/L		11/15/24 05:06	12/19/24 16:37	1
1,3-Dichlorobenzene	<0.102	U	0.576	0.102	ug/L		11/15/24 05:06	12/19/24 16:37	1
1,4-Dichlorobenzene	<0.0785	U	0.576	0.0785	ug/L		11/15/24 05:06	12/19/24 16:37	1
2,2'-oxybis[1-chloropropane]	<1.44	U	2.88	1.44	ug/L		11/15/24 05:06	12/19/24 16:37	1
2,4,5-Trichlorophenol	<0.144	U	0.576	0.144	ug/L		11/15/24 05:06	12/19/24 16:37	1
2,4,6-Trichlorophenol	<0.232	U	0.576	0.232	ug/L		11/15/24 05:06	12/19/24 16:37	1
2,4-Dichlorophenol	<0.141	U	0.576	0.141	ug/L		11/15/24 05:06	12/19/24 16:37	1
2,4-Dimethylphenol	<0.194	U *+	0.576	0.194	ug/L		11/15/24 05:06	12/19/24 16:37	1
1,4-Dioxane	<0.0896	U	0.576	0.0896	ug/L		11/15/24 05:06	12/19/24 16:37	1
2,4-Dinitrophenol	<0.105	U	2.88	0.105	ug/L		11/15/24 05:06	12/19/24 16:37	1
2,4-Dinitrotoluene	<0.206	U	0.576	0.206	ug/L		11/15/24 05:06	12/19/24 16:37	1
2,6-Dinitrotoluene	<0.117	U	0.576	0.117	ug/L		11/15/24 05:06	12/19/24 16:37	1
2-Chloronaphthalene	<0.381	U	0.576	0.381	ug/L		11/15/24 05:06	12/19/24 16:37	1
2-Methylnaphthalene	<0.0607	U	0.576	0.0607	ug/L		11/15/24 05:06	12/19/24 16:37	1
2-Methylphenol	<0.106	U	0.576	0.106	ug/L		11/15/24 05:06	12/19/24 16:37	1
2-Nitroaniline	<0.150	U	0.576	0.150	ug/L		11/15/24 05:06	12/19/24 16:37	1
2-Nitrophenol	<0.137	U	0.576	0.137	ug/L		11/15/24 05:06	12/19/24 16:37	1
3 & 4 Methylphenol	<0.140	U	0.576	0.140	ug/L		11/15/24 05:06	12/19/24 16:37	1
3-Nitroaniline	<0.0859	U	0.576	0.0859	ug/L		11/15/24 05:06	12/19/24 16:37	1
4,6-Dinitro-2-methylphenol	<0.203	U	1.15	0.203	ug/L		11/15/24 05:06	12/19/24 16:37	1
4-Bromophenyl phenyl ether	<0.101	U	0.576	0.101	ug/L		11/15/24 05:06	12/19/24 16:37	1
4-Chloro-3-methylphenol	<0.104	U	0.576	0.104	ug/L		11/15/24 05:06	12/19/24 16:37	1
4-Chloroaniline	<0.0388	U	0.576	0.0388	ug/L		11/15/24 05:06	12/19/24 16:37	1
4-Chlorophenyl phenyl ether	<0.131	U	0.576	0.131	ug/L		11/15/24 05:06	12/19/24 16:37	1
4-Nitroaniline	<0.109	U	0.576	0.109	ug/L		11/15/24 05:06	12/19/24 16:37	1
Acenaphthene	<0.108	U	0.576	0.108	ug/L		11/15/24 05:06	12/19/24 16:37	1
Acenaphthylene	<0.100	U	0.576	0.100	ug/L		11/15/24 05:06	12/19/24 16:37	1

Client Sample ID: MW-1
Date Collected: 11/11/24 11:17
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	**0.211**	**J I**	0.576	0.0584	ug/L		11/15/24 05:06	12/19/24 16:37	1
Anthracene	<0.0945	U	0.576	0.0945	ug/L		11/15/24 05:06	12/19/24 16:37	1
Benzo[a]anthracene	<0.0288	U *+	0.0288	0.0288	ug/L		11/15/24 05:06	12/19/24 16:37	1
Benzo[a]pyrene	<0.0302	U	0.0576	0.0302	ug/L		11/15/24 05:06	12/19/24 16:37	1
Benzo[b]fluoranthene	<0.0669	U	0.576	0.0669	ug/L		11/15/24 05:06	12/19/24 16:37	1
Benzo[g,h,i]perylene	<0.0348	U	0.576	0.0348	ug/L		11/15/24 05:06	12/19/24 16:37	1
Benzo[k]fluoranthene	<0.0476	U	0.576	0.0476	ug/L		11/15/24 05:06	12/19/24 16:37	1
Benzyl alcohol	<0.604	U *-	1.15	0.604	ug/L		11/15/24 05:06	12/19/24 16:37	1
Bis(2-chloroethoxy)methane	<0.0981	U	0.576	0.0981	ug/L		11/15/24 05:06	12/19/24 16:37	1
Bis(2-chloroethyl)ether	<0.216	U	0.576	0.216	ug/L		11/15/24 05:06	12/19/24 16:37	1
Bis(2-ethylhexyl) phthalate	<0.906	U	1.15	0.906	ug/L		11/15/24 05:06	12/19/24 16:37	1
Butyl benzyl phthalate	<0.504	U	1.15	0.504	ug/L		11/15/24 05:06	12/19/24 16:37	1
Chrysene	<0.0821	U	0.576	0.0821	ug/L		11/15/24 05:06	12/19/24 16:37	1
Dibenz(a,h)anthracene	<0.0513	U	0.115	0.0513	ug/L		11/15/24 05:06	12/19/24 16:37	1
Dibenzofuran	<0.107	U	0.576	0.107	ug/L		11/15/24 05:06	12/19/24 16:37	1
Diethyl phthalate	<0.156	U *+	1.15	0.156	ug/L		11/15/24 05:06	12/19/24 16:37	1
Dimethyl phthalate	<0.109	U *+	1.15	0.109	ug/L		11/15/24 05:06	12/19/24 16:37	1
Di-n-butyl phthalate	<0.771	U *+	1.15	0.771	ug/L		11/15/24 05:06	12/19/24 16:37	1
Di-n-octyl phthalate	<0.271	U	1.15	0.271	ug/L		11/15/24 05:06	12/19/24 16:37	1
Fluoranthene	<0.0889	U	0.576	0.0889	ug/L		11/15/24 05:06	12/19/24 16:37	1
Fluorene	<0.0955	U	0.576	0.0955	ug/L		11/15/24 05:06	12/19/24 16:37	1
Hexachlorobenzene	<0.0982	U	0.576	0.0982	ug/L		11/15/24 05:06	12/19/24 16:37	1
Hexachlorobutadiene	<0.103	U	0.576	0.103	ug/L		11/15/24 05:06	12/19/24 16:37	1
Hexachlorocyclopentadiene	<0.0516	U	0.576	0.0516	ug/L		11/15/24 05:06	12/19/24 16:37	1
Hexachloroethane	<0.103	U	0.576	0.103	ug/L		11/15/24 05:06	12/19/24 16:37	1
Indeno[1,2,3-cd]pyrene	<0.101	U	0.576	0.101	ug/L		11/15/24 05:06	12/19/24 16:37	1
Isophorone	<0.107	U	0.576	0.107	ug/L		11/15/24 05:06	12/19/24 16:37	1
Naphthalene	<0.0951	U	0.576	0.0951	ug/L		11/15/24 05:06	12/19/24 16:37	1
Nitrobenzene	**0.204**	**J**	0.576	0.0742	ug/L		11/15/24 05:06	12/19/24 16:37	1
N-Nitrosodi-n-propylamine	<0.119	U	0.576	0.119	ug/L		11/15/24 05:06	12/19/24 16:37	1
N-Nitrosodiphenylamine	<0.146	U	0.576	0.146	ug/L		11/15/24 05:06	12/19/24 16:37	1
Pentachlorophenol	<1.05	U	1.15	1.05	ug/L		11/15/24 05:06	12/19/24 16:37	1
Phenanthrene	<0.135	U	0.576	0.135	ug/L		11/15/24 05:06	12/19/24 16:37	1
Phenol	<0.451	U	2.88	0.451	ug/L		11/15/24 05:06	12/19/24 16:37	1
Pyrene	<0.0855	U *+	0.576	0.0855	ug/L		11/15/24 05:06	12/19/24 16:37	1
Pyridine	<1.45	U *1	2.88	1.45	ug/L		11/15/24 05:06	12/19/24 16:37	1
N-Nitro-o-toluidine	<0.524	U	1.15	0.524	ug/L		11/15/24 05:06	12/19/24 16:37	1
2,3,4,6-Tetrachlorophenol	<0.212	U	0.576	0.212	ug/L		11/15/24 05:06	12/19/24 16:37	1
Acetophenone	<0.628	U	1.15	0.628	ug/L		11/15/24 05:06	12/19/24 16:37	1
N-Nitrosopiperidine	<0.471	U	1.15	0.471	ug/L		11/15/24 05:06	12/19/24 16:37	1
Pentachlorobenzene	<0.268	U	0.576	0.268	ug/L		11/15/24 05:06	12/19/24 16:37	1
Diphenyl ether	**0.202**	**J**	0.576	0.0916	ug/L		11/15/24 05:06	12/19/24 16:37	1
1,1'-Biphenyl	<0.0988	U	0.576	0.0988	ug/L		11/15/24 05:06	12/19/24 16:37	1
4-Aminobiphenyl	<0.397	U	0.576	0.397	ug/L		11/15/24 05:06	12/19/24 16:37	1
1,2,4,5-Tetrachlorobenzene	<0.0964	U *-	0.576	0.0964	ug/L		11/15/24 05:06	12/19/24 16:37	1
1,3,5-Trinitrobenzene	<0.120	U	0.576	0.120	ug/L		11/15/24 05:06	12/19/24 16:37	1
1,3-Dinitrobenzene	<0.0778	U	0.576	0.0778	ug/L		11/15/24 05:06	12/19/24 16:37	1
1,4-Naphthoquinone	<0.317	U	0.576	0.317	ug/L		11/15/24 05:06	12/19/24 16:37	1
1-Naphthylamine	<0.150	U	0.576	0.150	ug/L		11/15/24 05:06	12/19/24 16:37	1

Client Sample ID: MW-1

Date Collected: 11/11/24 11:17
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-2

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dichlorophenol	<0.119	U	0.576	0.119	ug/L		11/15/24 05:06	12/19/24 16:37	1
2-Acetylaminofluorene	<1.27	U *+	2.88	1.27	ug/L		11/15/24 05:06	12/19/24 16:37	1
2-Chlorophenol	<0.0762	U	0.576	0.0762	ug/L		11/15/24 05:06	12/19/24 16:37	1
2-Naphthylamine	<0.290	U	0.576	0.290	ug/L		11/15/24 05:06	12/19/24 16:37	1
2-Picoline	<0.124	U *- *1	0.576	0.124	ug/L		11/15/24 05:06	12/19/24 16:37	1
2-Toluidine	<0.308	U	0.576	0.308	ug/L		11/15/24 05:06	12/19/24 16:37	1
3,3'-Dichlorobenzidine	<0.184	U	0.576	0.184	ug/L		11/15/24 05:06	12/19/24 16:37	1
3,3'-Dimethylbenzidine	<0.143	U	0.576	0.143	ug/L		11/15/24 05:06	12/19/24 16:37	1
3-Methylcholanthrene	<0.105	U	0.576	0.105	ug/L		11/15/24 05:06	12/19/24 16:37	1
4-Nitroquinoline-1-oxide	<0.735	U	1.15	0.735	ug/L		11/15/24 05:06	12/19/24 16:37	1
7,12-Dimethylbenz(a)anthracene	<0.243	U	0.576	0.243	ug/L		11/15/24 05:06	12/19/24 16:37	1
alpha,alpha-Dimethyl phenethylamine	<3.70	U *- *1	5.76	3.70	ug/L		11/15/24 05:06	12/19/24 16:37	1
Aramite Peak 1	<0.0791	U	0.576	0.0791	ug/L		11/15/24 05:06	12/19/24 16:37	1
Aramite Peak 2	<0.0960	U	0.576	0.0960	ug/L		11/15/24 05:06	12/19/24 16:37	1
Aramite, Total	<0.0960	U	0.576	0.0960	ug/L		11/15/24 05:06	12/19/24 16:37	1
Diallate	<0.0841	U	0.576	0.0841	ug/L		11/15/24 05:06	12/19/24 16:37	1
Diallate Peak 1	<0.0841	U	0.576	0.0841	ug/L		11/15/24 05:06	12/19/24 16:37	1
Diallate Peak 2	<0.0388	U	0.576	0.0388	ug/L		11/15/24 05:06	12/19/24 16:37	1
Dimethoate	<0.122	U *+	0.576	0.122	ug/L		11/15/24 05:06	12/19/24 16:37	1
Dinoseb	<0.574	U *+	2.88	0.574	ug/L		11/15/24 05:06	12/19/24 16:37	1
Disulfoton	<0.204	U *+	0.576	0.204	ug/L		11/15/24 05:06	12/19/24 16:37	1
Ethyl methanesulfonate	<0.228	U	0.576	0.228	ug/L		11/15/24 05:06	12/19/24 16:37	1
Ethyl Parathion	<0.0506	U *+	0.230	0.0506	ug/L		11/15/24 05:06	12/19/24 16:37	1
Famphur	<0.152	U *+	1.15	0.152	ug/L		11/15/24 05:06	12/19/24 16:37	1
Hexachloropropene	<0.302	U *-	0.576	0.302	ug/L		11/15/24 05:06	12/19/24 16:37	1
Isosafrole	<0.243	U	0.576	0.243	ug/L		11/15/24 05:06	12/19/24 16:37	1
Isosafrole Peak 1	<0.0467	U	0.576	0.0467	ug/L		11/15/24 05:06	12/19/24 16:37	1
Isosafrole Peak 2	<0.243	U	0.576	0.243	ug/L		11/15/24 05:06	12/19/24 16:37	1
Methapyrilene	<1.01	U *+	2.30	1.01	ug/L		11/15/24 05:06	12/19/24 16:37	1
Methyl methanesulfonate	<0.121	U	0.576	0.121	ug/L		11/15/24 05:06	12/19/24 16:37	1
Methyl parathion	<0.322	U *+	0.576	0.322	ug/L		11/15/24 05:06	12/19/24 16:37	1
N-Nitrosodiethylamine	<0.542	U	1.15	0.542	ug/L		11/15/24 05:06	12/19/24 16:37	1
N-Nitrosodimethylamine	<0.101	U *-	0.576	0.101	ug/L		11/15/24 05:06	12/19/24 16:37	1
N-Nitrosodi-n-butylamine	<0.519	U	1.15	0.519	ug/L		11/15/24 05:06	12/19/24 16:37	1
N-Nitrosomethylethylamine	<0.296	U	0.576	0.296	ug/L		11/15/24 05:06	12/19/24 16:37	1
N-Nitrosomorpholine	<0.222	U	0.576	0.222	ug/L		11/15/24 05:06	12/19/24 16:37	1
N-Nitrosopyrrolidine	<0.270	U *-	0.576	0.270	ug/L		11/15/24 05:06	12/19/24 16:37	1
o,o',o''-Triethylphosphorothioate	<0.139	U *+	0.576	0.139	ug/L		11/15/24 05:06	12/19/24 16:37	1
p-Dimethylamino azobenzene	<0.0240	U	0.576	0.0240	ug/L		11/15/24 05:06	12/19/24 16:37	1
Pentachloronitrobenzene	<0.101	U *+	0.576	0.101	ug/L		11/15/24 05:06	12/19/24 16:37	1
Phenacetin	<0.101	U	0.576	0.101	ug/L		11/15/24 05:06	12/19/24 16:37	1
Phorate	<0.223	U *+	0.576	0.223	ug/L		11/15/24 05:06	12/19/24 16:37	1
p-Phenylene diamine	<0.504	U *- *1	1.15	0.504	ug/L		11/15/24 05:06	12/19/24 16:37	1
Pronamide	<0.101	U *+	0.576	0.101	ug/L		11/15/24 05:06	12/19/24 16:37	1
Safrole, Total	<0.0575	U	0.576	0.0575	ug/L		11/15/24 05:06	12/19/24 16:37	1
Sulfotepp	<0.148	U *+	0.576	0.148	ug/L		11/15/24 05:06	12/19/24 16:37	1
Thionazin	<0.210	U *+	1.15	0.210	ug/L		11/15/24 05:06	12/19/24 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*134*	*S1+*	*35 - 130*	*11/15/24 05:06*	*12/19/24 16:37*	*1*

Client Sample ID: MW-1

Date Collected: 11/11/24 11:17
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-2

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*102*		*43 - 130*	*11/15/24 05:06*	*12/19/24 16:37*	*1*
2-Fluorophenol (Surr)	*84*		*19 - 120*	*11/15/24 05:06*	*12/19/24 16:37*	*1*
Nitrobenzene-d5 (Surr)	*126*		*37 - 133*	*11/15/24 05:06*	*12/19/24 16:37*	*1*
Phenol-d5 (Surr)	*42*		*8 - 124*	*11/15/24 05:06*	*12/19/24 16:37*	*1*
p-Terphenyl-d14	*136*	*S1+*	*47 - 130*	*11/15/24 05:06*	*12/19/24 16:37*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0761	U H	0.567	0.0761	ug/L		12/11/24 04:48	12/20/24 16:48	1
1,2-Dichlorobenzene	<0.0934	U H	0.567	0.0934	ug/L		12/11/24 04:48	12/20/24 16:48	1
1,3-Dichlorobenzene	<0.101	U H	0.567	0.101	ug/L		12/11/24 04:48	12/20/24 16:48	1
1,4-Dichlorobenzene	<0.0774	U H	0.567	0.0774	ug/L		12/11/24 04:48	12/20/24 16:48	1
2,2'-oxybis[1-chloropropane]	<1.42	U H	2.84	1.42	ug/L		12/11/24 04:48	12/20/24 16:48	1
2,4,5-Trichlorophenol	<0.142	U H	0.567	0.142	ug/L		12/11/24 04:48	12/20/24 16:48	1
2,4,6-Trichlorophenol	<0.229	U H	0.567	0.229	ug/L		12/11/24 04:48	12/20/24 16:48	1
2,4-Dichlorophenol	<0.139	U H	0.567	0.139	ug/L		12/11/24 04:48	12/20/24 16:48	1
2,4-Dimethylphenol	<0.191	U H *+	0.567	0.191	ug/L		12/11/24 04:48	12/20/24 16:48	1
1,4-Dioxane	<0.0884	U H	0.567	0.0884	ug/L		12/11/24 04:48	12/20/24 16:48	1
2,4-Dinitrophenol	<0.103	U H	2.84	0.103	ug/L		12/11/24 04:48	12/20/24 16:48	1
2,4-Dinitrotoluene	<0.203	U H	0.567	0.203	ug/L		12/11/24 04:48	12/20/24 16:48	1
2,6-Dinitrotoluene	<0.115	U H	0.567	0.115	ug/L		12/11/24 04:48	12/20/24 16:48	1
2-Chloronaphthalene	<0.376	U H	0.567	0.376	ug/L		12/11/24 04:48	12/20/24 16:48	1
2-Methylnaphthalene	<0.0598	U H	0.567	0.0598	ug/L		12/11/24 04:48	12/20/24 16:48	1
2-Methylphenol	<0.104	U H	0.567	0.104	ug/L		12/11/24 04:48	12/20/24 16:48	1
2-Nitroaniline	<0.148	U H	0.567	0.148	ug/L		12/11/24 04:48	12/20/24 16:48	1
2-Nitrophenol	<0.135	U H	0.567	0.135	ug/L		12/11/24 04:48	12/20/24 16:48	1
3 & 4 Methylphenol	<0.138	U H	0.567	0.138	ug/L		12/11/24 04:48	12/20/24 16:48	1
3-Nitroaniline	<0.0846	U H	0.567	0.0846	ug/L		12/11/24 04:48	12/20/24 16:48	1
4,6-Dinitro-2-methylphenol	<0.200	U H	1.13	0.200	ug/L		12/11/24 04:48	12/20/24 16:48	1
4-Bromophenyl phenyl ether	<0.0996	U H	0.567	0.0996	ug/L		12/11/24 04:48	12/20/24 16:48	1
4-Chloro-3-methylphenol	<0.103	U H	0.567	0.103	ug/L		12/11/24 04:48	12/20/24 16:48	1
4-Chloroaniline	<0.0383	U H	0.567	0.0383	ug/L		12/11/24 04:48	12/20/24 16:48	1
4-Chlorophenyl phenyl ether	<0.129	U H	0.567	0.129	ug/L		12/11/24 04:48	12/20/24 16:48	1
4-Nitroaniline	<0.108	U H	0.567	0.108	ug/L		12/11/24 04:48	12/20/24 16:48	1
Acenaphthene	<0.107	U H	0.567	0.107	ug/L		12/11/24 04:48	12/20/24 16:48	1
Acenaphthylene	<0.0989	U H	0.567	0.0989	ug/L		12/11/24 04:48	12/20/24 16:48	1
Aniline	<0.0575	U H	0.567	0.0575	ug/L		12/11/24 04:48	12/20/24 16:48	1
Anthracene	<0.0931	U H *+	0.567	0.0931	ug/L		12/11/24 04:48	12/20/24 16:48	1
Benzo[a]anthracene	<0.0284	U H *+	0.0284	0.0284	ug/L		12/11/24 04:48	12/20/24 16:48	1
Benzo[a]pyrene	<0.0298	U H	0.0567	0.0298	ug/L		12/11/24 04:48	12/20/24 16:48	1
Benzo[b]fluoranthene	<0.0659	U H *+	0.567	0.0659	ug/L		12/11/24 04:48	12/20/24 16:48	1
Benzo[g,h,i]perylene	<0.0343	U H	0.567	0.0343	ug/L		12/11/24 04:48	12/20/24 16:48	1
Benzo[k]fluoranthene	<0.0469	U H	0.567	0.0469	ug/L		12/11/24 04:48	12/20/24 16:48	1
Benzyl alcohol	<0.596	U H	1.13	0.596	ug/L		12/11/24 04:48	12/20/24 16:48	1
Bis(2-chloroethoxy)methane	<0.0967	U H	0.567	0.0967	ug/L		12/11/24 04:48	12/20/24 16:48	1
Bis(2-chloroethyl)ether	<0.213	U H	0.567	0.213	ug/L		12/11/24 04:48	12/20/24 16:48	1
Bis(2-ethylhexyl) phthalate	<0.894	U H *+	1.13	0.894	ug/L		12/11/24 04:48	12/20/24 16:48	1
Butyl benzyl phthalate	<0.496	U H	1.13	0.496	ug/L		12/11/24 04:48	12/20/24 16:48	1
Chrysene	<0.0810	U H *+	0.567	0.0810	ug/L		12/11/24 04:48	12/20/24 16:48	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: MW-1
Date Collected: 11/11/24 11:17
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	<0.0505	U H	0.113	0.0505	ug/L		12/11/24 04:48	12/20/24 16:48	1
Dibenzofuran	<0.106	U H	0.567	0.106	ug/L		12/11/24 04:48	12/20/24 16:48	1
Diethyl phthalate	<0.154	U H	1.13	0.154	ug/L		12/11/24 04:48	12/20/24 16:48	1
Dimethyl phthalate	<0.107	U H	1.13	0.107	ug/L		12/11/24 04:48	12/20/24 16:48	1
Di-n-butyl phthalate	<0.760	U H	1.13	0.760	ug/L		12/11/24 04:48	12/20/24 16:48	1
Di-n-octyl phthalate	<0.267	U H	1.13	0.267	ug/L		12/11/24 04:48	12/20/24 16:48	1
Fluoranthene	<0.0877	U H	0.567	0.0877	ug/L		12/11/24 04:48	12/20/24 16:48	1
Fluorene	<0.0941	U H	0.567	0.0941	ug/L		12/11/24 04:48	12/20/24 16:48	1
Hexachlorobenzene	<0.0968	U H	0.567	0.0968	ug/L		12/11/24 04:48	12/20/24 16:48	1
Hexachlorobutadiene	<0.102	U H	0.567	0.102	ug/L		12/11/24 04:48	12/20/24 16:48	1
Hexachlorocyclopentadiene	<0.0508	U H *+	0.567	0.0508	ug/L		12/11/24 04:48	12/20/24 16:48	1
Hexachloroethane	<0.101	U H	0.567	0.101	ug/L		12/11/24 04:48	12/20/24 16:48	1
Indeno[1,2,3-cd]pyrene	<0.0993	U H	0.567	0.0993	ug/L		12/11/24 04:48	12/20/24 16:48	1
Isophorone	<0.106	U H	0.567	0.106	ug/L		12/11/24 04:48	12/20/24 16:48	1
Naphthalene	<0.0938	U H	0.567	0.0938	ug/L		12/11/24 04:48	12/20/24 16:48	1
Nitrobenzene	<0.0731	U H	0.567	0.0731	ug/L		12/11/24 04:48	12/20/24 16:48	1
N-Nitrosodi-n-propylamine	<0.118	U H	0.567	0.118	ug/L		12/11/24 04:48	12/20/24 16:48	1
N-Nitrosodiphenylamine	<0.144	U H	0.567	0.144	ug/L		12/11/24 04:48	12/20/24 16:48	1
Pentachlorophenol	<1.03	U H	1.13	1.03	ug/L		12/11/24 04:48	12/20/24 16:48	1
Phenanthrene	<0.133	U H *+	0.567	0.133	ug/L		12/11/24 04:48	12/20/24 16:48	1
Phenol	<0.445	U H	2.84	0.445	ug/L		12/11/24 04:48	12/20/24 16:48	1
Pyrene	<0.0843	U H	0.567	0.0843	ug/L		12/11/24 04:48	12/20/24 16:48	1
Pyridine	<1.43	U H *1	2.84	1.43	ug/L		12/11/24 04:48	12/20/24 16:48	1
N-Nitro-o-toluidine	<0.516	U H	1.13	0.516	ug/L		12/11/24 04:48	12/20/24 16:48	1
2,3,4,6-Tetrachlorophenol	<0.209	U H *+	0.567	0.209	ug/L		12/11/24 04:48	12/20/24 16:48	1
Acetophenone	<0.619	U H	1.13	0.619	ug/L		12/11/24 04:48	12/20/24 16:48	1
N-Nitrosopiperidine	<0.464	U H	1.13	0.464	ug/L		12/11/24 04:48	12/20/24 16:48	1
Pentachlorobenzene	<0.264	U H	0.567	0.264	ug/L		12/11/24 04:48	12/20/24 16:48	1
Diphenyl ether	**0.258**	**J H**	0.567	0.0903	ug/L		12/11/24 04:48	12/20/24 16:48	1
1,1'-Biphenyl	<0.0974	U H	0.567	0.0974	ug/L		12/11/24 04:48	12/20/24 16:48	1
4-Aminobiphenyl	<0.391	U H	0.567	0.391	ug/L		12/11/24 04:48	12/20/24 16:48	1
1,2,4,5-Tetrachlorobenzene	<0.0951	U H	0.567	0.0951	ug/L		12/11/24 04:48	12/20/24 16:48	1
1,3,5-Trinitrobenzene	<0.118	U H	0.567	0.118	ug/L		12/11/24 04:48	12/20/24 16:48	1
1,3-Dinitrobenzene	<0.0767	U H	0.567	0.0767	ug/L		12/11/24 04:48	12/20/24 16:48	1
1,4-Naphthoquinone	<0.312	U H	0.567	0.312	ug/L		12/11/24 04:48	12/20/24 16:48	1
1-Naphthylamine	<0.148	U H	0.567	0.148	ug/L		12/11/24 04:48	12/20/24 16:48	1
2,6-Dichlorophenol	<0.117	U H	0.567	0.117	ug/L		12/11/24 04:48	12/20/24 16:48	1
2-Acetylaminofluorene	<1.26	U H *+	2.84	1.26	ug/L		12/11/24 04:48	12/20/24 16:48	1
2-Chlorophenol	<0.0751	U H	0.567	0.0751	ug/L		12/11/24 04:48	12/20/24 16:48	1
2-Naphthylamine	<0.286	U H	0.567	0.286	ug/L		12/11/24 04:48	12/20/24 16:48	1
2-Picoline	<0.122	U H	0.567	0.122	ug/L		12/11/24 04:48	12/20/24 16:48	1
2-Toluidine	<0.304	U H	0.567	0.304	ug/L		12/11/24 04:48	12/20/24 16:48	1
3,3'-Dichlorobenzidine	<0.182	U H	0.567	0.182	ug/L		12/11/24 04:48	12/20/24 16:48	1
3,3'-Dimethylbenzidine	<0.141	U H	0.567	0.141	ug/L		12/11/24 04:48	12/20/24 16:48	1
3-Methylcholanthrene	<0.104	U H	0.567	0.104	ug/L		12/11/24 04:48	12/20/24 16:48	1
4-Nitroquinoline-1-oxide	<0.725	U H	1.13	0.725	ug/L		12/11/24 04:48	12/20/24 16:48	1
7,12-Dimethylbenz(a)anthracene	<0.239	U H	0.567	0.239	ug/L		12/11/24 04:48	12/20/24 16:48	1
alpha,alpha-Dimethyl phenethylamine	<3.64	U H *-	5.67	3.64	ug/L		12/11/24 04:48	12/20/24 16:48	1
Aramite Peak 1	<0.0780	U H *+	0.567	0.0780	ug/L		12/11/24 04:48	12/20/24 16:48	1

Client Sample ID: MW-1
Lab Sample ID: 860-86945-2
Date Collected: 11/11/24 11:17
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aramite Peak 2	<0.0947	U H	0.567	0.0947	ug/L		12/11/24 04:48	12/20/24 16:48	1
Aramite, Total	<0.0947	U H	0.567	0.0947	ug/L		12/11/24 04:48	12/20/24 16:48	1
Diallate	<0.0829	U H	0.567	0.0829	ug/L		12/11/24 04:48	12/20/24 16:48	1
Diallate Peak 1	<0.0829	U H	0.567	0.0829	ug/L		12/11/24 04:48	12/20/24 16:48	1
Diallate Peak 2	<0.0383	U H	0.567	0.0383	ug/L		12/11/24 04:48	12/20/24 16:48	1
Dimethoate	<0.121	U H *+	0.567	0.121	ug/L		12/11/24 04:48	12/20/24 16:48	1
Dinoseb	<0.566	U H	2.84	0.566	ug/L		12/11/24 04:48	12/20/24 16:48	1
Disulfoton	<0.201	U H	0.567	0.201	ug/L		12/11/24 04:48	12/20/24 16:48	1
Ethyl methanesulfonate	<0.225	U H	0.567	0.225	ug/L		12/11/24 04:48	12/20/24 16:48	1
Ethyl Parathion	<0.0498	U H	0.227	0.0498	ug/L		12/11/24 04:48	12/20/24 16:48	1
Famphur	<0.150	U H	1.13	0.150	ug/L		12/11/24 04:48	12/20/24 16:48	1
Hexachloropropene	<0.298	U H	0.567	0.298	ug/L		12/11/24 04:48	12/20/24 16:48	1
Isosafrole	<0.239	U H	0.567	0.239	ug/L		12/11/24 04:48	12/20/24 16:48	1
Isosafrole Peak 1	<0.0460	U H	0.567	0.0460	ug/L		12/11/24 04:48	12/20/24 16:48	1
Isosafrole Peak 2	<0.239	U H	0.567	0.239	ug/L		12/11/24 04:48	12/20/24 16:48	1
Methapyrilene	<0.993	U H	2.27	0.993	ug/L		12/11/24 04:48	12/20/24 16:48	1
Methyl methanesulfonate	<0.119	U H	0.567	0.119	ug/L		12/11/24 04:48	12/20/24 16:48	1
Methyl parathion	<0.317	U H	0.567	0.317	ug/L		12/11/24 04:48	12/20/24 16:48	1
N-Nitrosodiethylamine	<0.535	U H	1.13	0.535	ug/L		12/11/24 04:48	12/20/24 16:48	1
N-Nitrosodimethylamine	<0.0993	U H *-	0.567	0.0993	ug/L		12/11/24 04:48	12/20/24 16:48	1
N-Nitrosodi-n-butylamine	<0.512	U H	1.13	0.512	ug/L		12/11/24 04:48	12/20/24 16:48	1
N-Nitrosomethylethylamine	<0.292	U H	0.567	0.292	ug/L		12/11/24 04:48	12/20/24 16:48	1
N-Nitrosomorpholine	<0.219	U H	0.567	0.219	ug/L		12/11/24 04:48	12/20/24 16:48	1
N-Nitrosopyrrolidine	<0.266	U H	0.567	0.266	ug/L		12/11/24 04:48	12/20/24 16:48	1
o,o',o''-Triethylphosphorothioate	<0.137	U H	0.567	0.137	ug/L		12/11/24 04:48	12/20/24 16:48	1
p-Dimethylamino azobenzene	<0.0236	U H	0.567	0.0236	ug/L		12/11/24 04:48	12/20/24 16:48	1
Pentachloronitrobenzene	<0.0993	U H	0.567	0.0993	ug/L		12/11/24 04:48	12/20/24 16:48	1
Phenacetin	<0.0993	U H	0.567	0.0993	ug/L		12/11/24 04:48	12/20/24 16:48	1
Phorate	<0.220	U H	0.567	0.220	ug/L		12/11/24 04:48	12/20/24 16:48	1
p-Phenylene diamine	<0.496	U H *-	1.13	0.496	ug/L		12/11/24 04:48	12/20/24 16:48	1
Pronamide	<0.0993	U H	0.567	0.0993	ug/L		12/11/24 04:48	12/20/24 16:48	1
Safrole, Total	<0.0567	U H	0.567	0.0567	ug/L		12/11/24 04:48	12/20/24 16:48	1
Sulfotepp	<0.146	U H *+	0.567	0.146	ug/L		12/11/24 04:48	12/20/24 16:48	1
Thionazin	<0.207	U H	1.13	0.207	ug/L		12/11/24 04:48	12/20/24 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*103*		*35 - 130*	*12/11/24 04:48*	*12/20/24 16:48*	*1*
2-Fluorobiphenyl	*83*		*43 - 130*	*12/11/24 04:48*	*12/20/24 16:48*	*1*
2-Fluorophenol (Surr)	*61*		*19 - 120*	*12/11/24 04:48*	*12/20/24 16:48*	*1*
Nitrobenzene-d5 (Surr)	*102*		*37 - 133*	*12/11/24 04:48*	*12/20/24 16:48*	*1*
Phenol-d5 (Surr)	*32*		*8 - 124*	*12/11/24 04:48*	*12/20/24 16:48*	*1*
p-Terphenyl-d14	*75*		*47 - 130*	*12/11/24 04:48*	*12/20/24 16:48*	*1*

Client Sample ID: MW-3
Lab Sample ID: 860-86945-3
Date Collected: 11/11/24 14:03
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/15/24 21:34	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: MW-3
Date Collected: 11/11/24 14:03
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/15/24 21:34	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/15/24 21:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/15/24 21:34	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/15/24 21:34	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/15/24 21:34	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/15/24 21:34	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/15/24 21:34	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/15/24 21:34	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/15/24 21:34	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/15/24 21:34	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/15/24 21:34	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/15/24 21:34	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/15/24 21:34	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/15/24 21:34	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/15/24 21:34	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/15/24 21:34	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/15/24 21:34	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/15/24 21:34	1
Acetone	<3.07	U	100	3.07	ug/L			11/15/24 21:34	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/15/24 21:34	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/15/24 21:34	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/15/24 21:34	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/15/24 21:34	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/15/24 21:34	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/15/24 21:34	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/15/24 21:34	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/15/24 21:34	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/15/24 21:34	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/15/24 21:34	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/15/24 21:34	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/15/24 21:34	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/15/24 21:34	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/15/24 21:34	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/15/24 21:34	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/15/24 21:34	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/15/24 21:34	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/15/24 21:34	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/15/24 21:34	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/15/24 21:34	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/15/24 21:34	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/15/24 21:34	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/15/24 21:34	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/15/24 21:34	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/15/24 21:34	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/15/24 21:34	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/15/24 21:34	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/15/24 21:34	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/15/24 21:34	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/15/24 21:34	1

Client Sample ID: MW-3

Date Collected: 11/11/24 14:03
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/15/24 21:34	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/15/24 21:34	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/15/24 21:34	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/15/24 21:34	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/15/24 21:34	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/15/24 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 144*		*11/15/24 21:34*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*11/15/24 21:34*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*11/15/24 21:34*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/15/24 21:34*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<8.28	U H	50.0	8.28	ug/L			11/19/24 02:36	1
2-Hexanone (MBK)	<5.00	U H	50.0	5.00	ug/L			11/19/24 02:36	1
Acrolein	<11.1	U H	50.0	11.1	ug/L			11/19/24 02:36	1
Bromomethane	<1.42	U H	5.00	1.42	ug/L			11/19/24 02:36	1
Dichlorodifluoromethane	<0.785	U H	1.00	0.785	ug/L			11/19/24 02:36	1
Ethyl methacrylate	<1.12	U H	5.00	1.12	ug/L			11/19/24 02:36	1
Hexane	<0.517	U H	5.00	0.517	ug/L			11/19/24 02:36	1
Iodomethane	<5.00	U H	20.0	5.00	ug/L			11/19/24 02:36	1
Isobutanol	<17.1	U H	50.0	17.1	ug/L			11/19/24 02:36	1
Methacrylonitrile	<2.72	U H	10.0	2.72	ug/L			11/19/24 02:36	1
Methyl methacrylate	<2.25	U H	10.0	2.25	ug/L			11/19/24 02:36	1
trans-1,4-Dichloro-2-butene	<1.35	U H	10.0	1.35	ug/L			11/19/24 02:36	1
Vinyl acetate	<2.14	U H	20.0	2.14	ug/L			11/19/24 02:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*63 - 144*		*11/19/24 02:36*	*1*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*11/19/24 02:36*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*11/19/24 02:36*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/19/24 02:36*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0772	U *-	0.576	0.0772	ug/L		11/15/24 05:06	12/19/24 17:07	1
1,2-Dichlorobenzene	<0.0948	U	0.576	0.0948	ug/L		11/15/24 05:06	12/19/24 17:07	1
1,3-Dichlorobenzene	<0.102	U	0.576	0.102	ug/L		11/15/24 05:06	12/19/24 17:07	1
1,4-Dichlorobenzene	<0.0785	U	0.576	0.0785	ug/L		11/15/24 05:06	12/19/24 17:07	1
2,2'-oxybis[1-chloropropane]	<1.44	U	2.88	1.44	ug/L		11/15/24 05:06	12/19/24 17:07	1
2,4,5-Trichlorophenol	<0.144	U	0.576	0.144	ug/L		11/15/24 05:06	12/19/24 17:07	1
2,4,6-Trichlorophenol	<0.232	U	0.576	0.232	ug/L		11/15/24 05:06	12/19/24 17:07	1
2,4-Dichlorophenol	<0.141	U	0.576	0.141	ug/L		11/15/24 05:06	12/19/24 17:07	1
2,4-Dimethylphenol	<0.194	U *+	0.576	0.194	ug/L		11/15/24 05:06	12/19/24 17:07	1
1,4-Dioxane	<0.0896	U	0.576	0.0896	ug/L		11/15/24 05:06	12/19/24 17:07	1
2,4-Dinitrophenol	<0.105	U	2.88	0.105	ug/L		11/15/24 05:06	12/19/24 17:07	1
2,4-Dinitrotoluene	<0.206	U	0.576	0.206	ug/L		11/15/24 05:06	12/19/24 17:07	1
2,6-Dinitrotoluene	<0.117	U	0.576	0.117	ug/L		11/15/24 05:06	12/19/24 17:07	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: MW-3

Date Collected: 11/11/24 14:03
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-3

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	<0.381	U	0.576	0.381	ug/L		11/15/24 05:06	12/19/24 17:07	1
2-Methylnaphthalene	<0.0607	U	0.576	0.0607	ug/L		11/15/24 05:06	12/19/24 17:07	1
2-Methylphenol	<0.106	U	0.576	0.106	ug/L		11/15/24 05:06	12/19/24 17:07	1
2-Nitroaniline	<0.150	U	0.576	0.150	ug/L		11/15/24 05:06	12/19/24 17:07	1
2-Nitrophenol	<0.137	U	0.576	0.137	ug/L		11/15/24 05:06	12/19/24 17:07	1
3 & 4 Methylphenol	<0.140	U	0.576	0.140	ug/L		11/15/24 05:06	12/19/24 17:07	1
3-Nitroaniline	<0.0859	U	0.576	0.0859	ug/L		11/15/24 05:06	12/19/24 17:07	1
4,6-Dinitro-2-methylphenol	<0.203	U	1.15	0.203	ug/L		11/15/24 05:06	12/19/24 17:07	1
4-Bromophenyl phenyl ether	<0.101	U	0.576	0.101	ug/L		11/15/24 05:06	12/19/24 17:07	1
4-Chloro-3-methylphenol	<0.104	U	0.576	0.104	ug/L		11/15/24 05:06	12/19/24 17:07	1
4-Chloroaniline	<0.0388	U	0.576	0.0388	ug/L		11/15/24 05:06	12/19/24 17:07	1
4-Chlorophenyl phenyl ether	<0.131	U	0.576	0.131	ug/L		11/15/24 05:06	12/19/24 17:07	1
4-Nitroaniline	<0.109	U	0.576	0.109	ug/L		11/15/24 05:06	12/19/24 17:07	1
Acenaphthene	<0.108	U	0.576	0.108	ug/L		11/15/24 05:06	12/19/24 17:07	1
Acenaphthylene	<0.100	U	0.576	0.100	ug/L		11/15/24 05:06	12/19/24 17:07	1
Aniline	**0.114**	**J**	0.576	0.0584	ug/L		11/15/24 05:06	12/19/24 17:07	1
Anthracene	<0.0945	U	0.576	0.0945	ug/L		11/15/24 05:06	12/19/24 17:07	1
Benzo[a]anthracene	<0.0288	U *+	0.0288	0.0288	ug/L		11/15/24 05:06	12/19/24 17:07	1
Benzo[a]pyrene	<0.0302	U	0.0576	0.0302	ug/L		11/15/24 05:06	12/19/24 17:07	1
Benzo[b]fluoranthene	<0.0669	U	0.576	0.0669	ug/L		11/15/24 05:06	12/19/24 17:07	1
Benzo[g,h,i]perylene	<0.0348	U	0.576	0.0348	ug/L		11/15/24 05:06	12/19/24 17:07	1
Benzo[k]fluoranthene	<0.0476	U	0.576	0.0476	ug/L		11/15/24 05:06	12/19/24 17:07	1
Benzyl alcohol	<0.604	U *-	1.15	0.604	ug/L		11/15/24 05:06	12/19/24 17:07	1
Bis(2-chloroethoxy)methane	<0.0981	U	0.576	0.0981	ug/L		11/15/24 05:06	12/19/24 17:07	1
Bis(2-chloroethyl)ether	<0.216	U	0.576	0.216	ug/L		11/15/24 05:06	12/19/24 17:07	1
Bis(2-ethylhexyl) phthalate	<0.906	U	1.15	0.906	ug/L		11/15/24 05:06	12/19/24 17:07	1
Butyl benzyl phthalate	<0.504	U	1.15	0.504	ug/L		11/15/24 05:06	12/19/24 17:07	1
Chrysene	<0.0821	U	0.576	0.0821	ug/L		11/15/24 05:06	12/19/24 17:07	1
Dibenz(a,h)anthracene	<0.0513	U	0.115	0.0513	ug/L		11/15/24 05:06	12/19/24 17:07	1
Dibenzofuran	<0.107	U	0.576	0.107	ug/L		11/15/24 05:06	12/19/24 17:07	1
Diethyl phthalate	<0.156	U *+	1.15	0.156	ug/L		11/15/24 05:06	12/19/24 17:07	1
Dimethyl phthalate	<0.109	U *+	1.15	0.109	ug/L		11/15/24 05:06	12/19/24 17:07	1
Di-n-butyl phthalate	<0.771	U *+	1.15	0.771	ug/L		11/15/24 05:06	12/19/24 17:07	1
Di-n-octyl phthalate	<0.271	U	1.15	0.271	ug/L		11/15/24 05:06	12/19/24 17:07	1
Fluoranthene	<0.0889	U	0.576	0.0889	ug/L		11/15/24 05:06	12/19/24 17:07	1
Fluorene	<0.0955	U	0.576	0.0955	ug/L		11/15/24 05:06	12/19/24 17:07	1
Hexachlorobenzene	<0.0982	U	0.576	0.0982	ug/L		11/15/24 05:06	12/19/24 17:07	1
Hexachlorobutadiene	<0.103	U	0.576	0.103	ug/L		11/15/24 05:06	12/19/24 17:07	1
Hexachlorocyclopentadiene	<0.0516	U	0.576	0.0516	ug/L		11/15/24 05:06	12/19/24 17:07	1
Hexachloroethane	<0.103	U	0.576	0.103	ug/L		11/15/24 05:06	12/19/24 17:07	1
Indeno[1,2,3-cd]pyrene	<0.101	U	0.576	0.101	ug/L		11/15/24 05:06	12/19/24 17:07	1
Isophorone	<0.107	U	0.576	0.107	ug/L		11/15/24 05:06	12/19/24 17:07	1
Naphthalene	<0.0951	U	0.576	0.0951	ug/L		11/15/24 05:06	12/19/24 17:07	1
Nitrobenzene	**0.130**	**J**	0.576	0.0742	ug/L		11/15/24 05:06	12/19/24 17:07	1
N-Nitrosodi-n-propylamine	<0.119	U	0.576	0.119	ug/L		11/15/24 05:06	12/19/24 17:07	1
N-Nitrosodiphenylamine	<0.146	U	0.576	0.146	ug/L		11/15/24 05:06	12/19/24 17:07	1
Pentachlorophenol	<1.05	U	1.15	1.05	ug/L		11/15/24 05:06	12/19/24 17:07	1
Phenanthrene	<0.135	U	0.576	0.135	ug/L		11/15/24 05:06	12/19/24 17:07	1
Phenol	<0.451	U	2.88	0.451	ug/L		11/15/24 05:06	12/19/24 17:07	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: MW-3
Date Collected: 11/11/24 14:03
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	<0.0855	U *+	0.576	0.0855	ug/L		11/15/24 05:06	12/19/24 17:07	1
Pyridine	<1.45	U *1	2.88	1.45	ug/L		11/15/24 05:06	12/19/24 17:07	1
N-Nitro-o-toluidine	<0.524	U	1.15	0.524	ug/L		11/15/24 05:06	12/19/24 17:07	1
2,3,4,6-Tetrachlorophenol	<0.212	U	0.576	0.212	ug/L		11/15/24 05:06	12/19/24 17:07	1
Acetophenone	<0.628	U	1.15	0.628	ug/L		11/15/24 05:06	12/19/24 17:07	1
N-Nitrosopiperidine	<0.471	U	1.15	0.471	ug/L		11/15/24 05:06	12/19/24 17:07	1
Pentachlorobenzene	<0.268	U	0.576	0.268	ug/L		11/15/24 05:06	12/19/24 17:07	1
Diphenyl ether	<0.0916	U	0.576	0.0916	ug/L		11/15/24 05:06	12/19/24 17:07	1
1,1'-Biphenyl	<0.0988	U	0.576	0.0988	ug/L		11/15/24 05:06	12/19/24 17:07	1
4-Aminobiphenyl	<0.397	U	0.576	0.397	ug/L		11/15/24 05:06	12/19/24 17:07	1
1,2,4,5-Tetrachlorobenzene	<0.0964	U *-	0.576	0.0964	ug/L		11/15/24 05:06	12/19/24 17:07	1
1,3,5-Trinitrobenzene	<0.120	U	0.576	0.120	ug/L		11/15/24 05:06	12/19/24 17:07	1
1,3-Dinitrobenzene	<0.0778	U	0.576	0.0778	ug/L		11/15/24 05:06	12/19/24 17:07	1
1,4-Naphthoquinone	<0.317	U	0.576	0.317	ug/L		11/15/24 05:06	12/19/24 17:07	1
1-Naphthylamine	<0.150	U	0.576	0.150	ug/L		11/15/24 05:06	12/19/24 17:07	1
2,6-Dichlorophenol	<0.119	U	0.576	0.119	ug/L		11/15/24 05:06	12/19/24 17:07	1
2-Acetylaminofluorene	<1.27	U *+	2.88	1.27	ug/L		11/15/24 05:06	12/19/24 17:07	1
2-Chlorophenol	<0.0762	U	0.576	0.0762	ug/L		11/15/24 05:06	12/19/24 17:07	1
2-Naphthylamine	<0.290	U	0.576	0.290	ug/L		11/15/24 05:06	12/19/24 17:07	1
2-Picoline	<0.124	U *- *1	0.576	0.124	ug/L		11/15/24 05:06	12/19/24 17:07	1
2-Toluidine	<0.308	U	0.576	0.308	ug/L		11/15/24 05:06	12/19/24 17:07	1
3,3'-Dichlorobenzidine	<0.184	U	0.576	0.184	ug/L		11/15/24 05:06	12/19/24 17:07	1
3,3'-Dimethylbenzidine	<0.143	U	0.576	0.143	ug/L		11/15/24 05:06	12/19/24 17:07	1
3-Methylcholanthrene	<0.105	U	0.576	0.105	ug/L		11/15/24 05:06	12/19/24 17:07	1
4-Nitroquinoline-1-oxide	<0.735	U	1.15	0.735	ug/L		11/15/24 05:06	12/19/24 17:07	1
7,12-Dimethylbenz(a)anthracene	<0.243	U	0.576	0.243	ug/L		11/15/24 05:06	12/19/24 17:07	1
alpha,alpha-Dimethyl phenethylamine	<3.70	U *- *1	5.76	3.70	ug/L		11/15/24 05:06	12/19/24 17:07	1
Aramite Peak 1	<0.0791	U	0.576	0.0791	ug/L		11/15/24 05:06	12/19/24 17:07	1
Aramite Peak 2	<0.0960	U	0.576	0.0960	ug/L		11/15/24 05:06	12/19/24 17:07	1
Aramite, Total	<0.0960	U	0.576	0.0960	ug/L		11/15/24 05:06	12/19/24 17:07	1
Diallate	<0.0841	U	0.576	0.0841	ug/L		11/15/24 05:06	12/19/24 17:07	1
Diallate Peak 1	<0.0841	U	0.576	0.0841	ug/L		11/15/24 05:06	12/19/24 17:07	1
Diallate Peak 2	<0.0388	U	0.576	0.0388	ug/L		11/15/24 05:06	12/19/24 17:07	1
Dimethoate	<0.122	U *+	0.576	0.122	ug/L		11/15/24 05:06	12/19/24 17:07	1
Dinoseb	<0.574	U *+	2.88	0.574	ug/L		11/15/24 05:06	12/19/24 17:07	1
Disulfoton	<0.204	U *+	0.576	0.204	ug/L		11/15/24 05:06	12/19/24 17:07	1
Ethyl methanesulfonate	<0.228	U	0.576	0.228	ug/L		11/15/24 05:06	12/19/24 17:07	1
Ethyl Parathion	<0.0506	U *+	0.230	0.0506	ug/L		11/15/24 05:06	12/19/24 17:07	1
Famphur	<0.152	U *+	1.15	0.152	ug/L		11/15/24 05:06	12/19/24 17:07	1
Hexachloropropene	<0.302	U *-	0.576	0.302	ug/L		11/15/24 05:06	12/19/24 17:07	1
Isosafrole	<0.243	U	0.576	0.243	ug/L		11/15/24 05:06	12/19/24 17:07	1
Isosafrole Peak 1	<0.0467	U	0.576	0.0467	ug/L		11/15/24 05:06	12/19/24 17:07	1
Isosafrole Peak 2	<0.243	U	0.576	0.243	ug/L		11/15/24 05:06	12/19/24 17:07	1
Methapyrilene	<1.01	U *+	2.30	1.01	ug/L		11/15/24 05:06	12/19/24 17:07	1
Methyl methanesulfonate	<0.121	U	0.576	0.121	ug/L		11/15/24 05:06	12/19/24 17:07	1
Methyl parathion	<0.322	U *+	0.576	0.322	ug/L		11/15/24 05:06	12/19/24 17:07	1
N-Nitrosodiethylamine	<0.542	U	1.15	0.542	ug/L		11/15/24 05:06	12/19/24 17:07	1
N-Nitrosodimethylamine	<0.101	U *-	0.576	0.101	ug/L		11/15/24 05:06	12/19/24 17:07	1
N-Nitrosodi-n-butylamine	<0.519	U	1.15	0.519	ug/L		11/15/24 05:06	12/19/24 17:07	1

Client Sample ID: MW-3
Date Collected: 11/11/24 14:03
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosomethylethylamine	<0.296	U	0.576	0.296	ug/L		11/15/24 05:06	12/19/24 17:07	1
N-Nitrosomorpholine	<0.222	U	0.576	0.222	ug/L		11/15/24 05:06	12/19/24 17:07	1
N-Nitrosopyrrolidine	<0.270	U *-	0.576	0.270	ug/L		11/15/24 05:06	12/19/24 17:07	1
o,o',o''-Triethylphosphorothioate	<0.139	U *+	0.576	0.139	ug/L		11/15/24 05:06	12/19/24 17:07	1
p-Dimethylamino azobenzene	<0.0240	U	0.576	0.0240	ug/L		11/15/24 05:06	12/19/24 17:07	1
Pentachloronitrobenzene	<0.101	U *+	0.576	0.101	ug/L		11/15/24 05:06	12/19/24 17:07	1
Phenacetin	<0.101	U	0.576	0.101	ug/L		11/15/24 05:06	12/19/24 17:07	1
Phorate	<0.223	U *+	0.576	0.223	ug/L		11/15/24 05:06	12/19/24 17:07	1
p-Phenylene diamine	<0.504	U *- *1	1.15	0.504	ug/L		11/15/24 05:06	12/19/24 17:07	1
Pronamide	<0.101	U *+	0.576	0.101	ug/L		11/15/24 05:06	12/19/24 17:07	1
Safrole, Total	<0.0575	U	0.576	0.0575	ug/L		11/15/24 05:06	12/19/24 17:07	1
Sulfotepp	<0.148	U *+	0.576	0.148	ug/L		11/15/24 05:06	12/19/24 17:07	1
Thionazin	<0.210	U *+	1.15	0.210	ug/L		11/15/24 05:06	12/19/24 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*134*	*S1+*	*35 - 130*	*11/15/24 05:06*	*12/19/24 17:07*	*1*
2-Fluorobiphenyl	*104*		*43 - 130*	*11/15/24 05:06*	*12/19/24 17:07*	*1*
2-Fluorophenol (Surr)	*60*		*19 - 120*	*11/15/24 05:06*	*12/19/24 17:07*	*1*
Nitrobenzene-d5 (Surr)	*114*		*37 - 133*	*11/15/24 05:06*	*12/19/24 17:07*	*1*
Phenol-d5 (Surr)	*27*		*8 - 124*	*11/15/24 05:06*	*12/19/24 17:07*	*1*
p-Terphenyl-d14	*139*	*S1+*	*47 - 130*	*11/15/24 05:06*	*12/19/24 17:07*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0762	U H	0.568	0.0762	ug/L		12/11/24 04:48	12/20/24 17:18	1
1,2-Dichlorobenzene	<0.0935	U H	0.568	0.0935	ug/L		12/11/24 04:48	12/20/24 17:18	1
1,3-Dichlorobenzene	<0.101	U H	0.568	0.101	ug/L		12/11/24 04:48	12/20/24 17:18	1
1,4-Dichlorobenzene	<0.0775	U H	0.568	0.0775	ug/L		12/11/24 04:48	12/20/24 17:18	1
2,2'-oxybis[1-chloropropane]	<1.42	U H	2.84	1.42	ug/L		12/11/24 04:48	12/20/24 17:18	1
2,4,5-Trichlorophenol	<0.142	U H	0.568	0.142	ug/L		12/11/24 04:48	12/20/24 17:18	1
2,4,6-Trichlorophenol	<0.229	U H	0.568	0.229	ug/L		12/11/24 04:48	12/20/24 17:18	1
2,4-Dichlorophenol	<0.139	U H	0.568	0.139	ug/L		12/11/24 04:48	12/20/24 17:18	1
2,4-Dimethylphenol	<0.191	U H *+	0.568	0.191	ug/L		12/11/24 04:48	12/20/24 17:18	1
1,4-Dioxane	**0.311**	**J H**	0.568	0.0885	ug/L		12/11/24 04:48	12/20/24 17:18	1
2,4-Dinitrophenol	<0.104	U H	2.84	0.104	ug/L		12/11/24 04:48	12/20/24 17:18	1
2,4-Dinitrotoluene	<0.203	U H	0.568	0.203	ug/L		12/11/24 04:48	12/20/24 17:18	1
2,6-Dinitrotoluene	<0.116	U H	0.568	0.116	ug/L		12/11/24 04:48	12/20/24 17:18	1
2-Chloronaphthalene	<0.376	U H	0.568	0.376	ug/L		12/11/24 04:48	12/20/24 17:18	1
2-Methylnaphthalene	<0.0599	U H	0.568	0.0599	ug/L		12/11/24 04:48	12/20/24 17:18	1
2-Methylphenol	<0.104	U H	0.568	0.104	ug/L		12/11/24 04:48	12/20/24 17:18	1
2-Nitroaniline	<0.148	U H	0.568	0.148	ug/L		12/11/24 04:48	12/20/24 17:18	1
2-Nitrophenol	<0.135	U H	0.568	0.135	ug/L		12/11/24 04:48	12/20/24 17:18	1
3 & 4 Methylphenol	<0.138	U H	0.568	0.138	ug/L		12/11/24 04:48	12/20/24 17:18	1
3-Nitroaniline	<0.0848	U H	0.568	0.0848	ug/L		12/11/24 04:48	12/20/24 17:18	1
4,6-Dinitro-2-methylphenol	<0.200	U H	1.14	0.200	ug/L		12/11/24 04:48	12/20/24 17:18	1
4-Bromophenyl phenyl ether	<0.0997	U H	0.568	0.0997	ug/L		12/11/24 04:48	12/20/24 17:18	1
4-Chloro-3-methylphenol	<0.103	U H	0.568	0.103	ug/L		12/11/24 04:48	12/20/24 17:18	1
4-Chloroaniline	<0.0383	U H	0.568	0.0383	ug/L		12/11/24 04:48	12/20/24 17:18	1
4-Chlorophenyl phenyl ether	<0.130	U H	0.568	0.130	ug/L		12/11/24 04:48	12/20/24 17:18	1
4-Nitroaniline	<0.108	U H	0.568	0.108	ug/L		12/11/24 04:48	12/20/24 17:18	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: MW-3
Date Collected: 11/11/24 14:03
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.107	U H	0.568	0.107	ug/L		12/11/24 04:48	12/20/24 17:18	1
Acenaphthylene	<0.0991	U H	0.568	0.0991	ug/L		12/11/24 04:48	12/20/24 17:18	1
Aniline	<0.0576	U H	0.568	0.0576	ug/L		12/11/24 04:48	12/20/24 17:18	1
Anthracene	<0.0933	U H *+	0.568	0.0933	ug/L		12/11/24 04:48	12/20/24 17:18	1
Benzo[a]anthracene	<0.0284	U H *+	0.0284	0.0284	ug/L		12/11/24 04:48	12/20/24 17:18	1
Benzo[a]pyrene	<0.0298	U H	0.0568	0.0298	ug/L		12/11/24 04:48	12/20/24 17:18	1
Benzo[b]fluoranthene	<0.0660	U H *+	0.568	0.0660	ug/L		12/11/24 04:48	12/20/24 17:18	1
Benzo[g,h,i]perylene	<0.0343	U H	0.568	0.0343	ug/L		12/11/24 04:48	12/20/24 17:18	1
Benzo[k]fluoranthene	<0.0470	U H	0.568	0.0470	ug/L		12/11/24 04:48	12/20/24 17:18	1
Benzyl alcohol	<0.597	U H	1.14	0.597	ug/L		12/11/24 04:48	12/20/24 17:18	1
Bis(2-chloroethoxy)methane	<0.0969	U H	0.568	0.0969	ug/L		12/11/24 04:48	12/20/24 17:18	1
Bis(2-chloroethyl)ether	<0.213	U H	0.568	0.213	ug/L		12/11/24 04:48	12/20/24 17:18	1
Bis(2-ethylhexyl) phthalate	<0.895	U H *+	1.14	0.895	ug/L		12/11/24 04:48	12/20/24 17:18	1
Butyl benzyl phthalate	<0.497	U H	1.14	0.497	ug/L		12/11/24 04:48	12/20/24 17:18	1
Chrysene	<0.0811	U H *+	0.568	0.0811	ug/L		12/11/24 04:48	12/20/24 17:18	1
Dibenz(a,h)anthracene	<0.0506	U H	0.114	0.0506	ug/L		12/11/24 04:48	12/20/24 17:18	1
Dibenzofuran	<0.106	U H	0.568	0.106	ug/L		12/11/24 04:48	12/20/24 17:18	1
Diethyl phthalate	<0.154	U H	1.14	0.154	ug/L		12/11/24 04:48	12/20/24 17:18	1
Dimethyl phthalate	<0.108	U H	1.14	0.108	ug/L		12/11/24 04:48	12/20/24 17:18	1
Di-n-butyl phthalate	<0.761	U H	1.14	0.761	ug/L		12/11/24 04:48	12/20/24 17:18	1
Di-n-octyl phthalate	<0.268	U H	1.14	0.268	ug/L		12/11/24 04:48	12/20/24 17:18	1
Fluoranthene	<0.0878	U H	0.568	0.0878	ug/L		12/11/24 04:48	12/20/24 17:18	1
Fluorene	<0.0943	U H	0.568	0.0943	ug/L		12/11/24 04:48	12/20/24 17:18	1
Hexachlorobenzene	<0.0969	U H	0.568	0.0969	ug/L		12/11/24 04:48	12/20/24 17:18	1
Hexachlorobutadiene	<0.102	U H	0.568	0.102	ug/L		12/11/24 04:48	12/20/24 17:18	1
Hexachlorocyclopentadiene	<0.0509	U H *+	0.568	0.0509	ug/L		12/11/24 04:48	12/20/24 17:18	1
Hexachloroethane	<0.101	U H	0.568	0.101	ug/L		12/11/24 04:48	12/20/24 17:18	1
Indeno[1,2,3-cd]pyrene	<0.0994	U H	0.568	0.0994	ug/L		12/11/24 04:48	12/20/24 17:18	1
Isophorone	<0.106	U H	0.568	0.106	ug/L		12/11/24 04:48	12/20/24 17:18	1
Naphthalene	<0.0939	U H	0.568	0.0939	ug/L		12/11/24 04:48	12/20/24 17:18	1
Nitrobenzene	<0.0732	U H	0.568	0.0732	ug/L		12/11/24 04:48	12/20/24 17:18	1
N-Nitrosodi-n-propylamine	<0.118	U H	0.568	0.118	ug/L		12/11/24 04:48	12/20/24 17:18	1
N-Nitrosodiphenylamine	<0.144	U H	0.568	0.144	ug/L		12/11/24 04:48	12/20/24 17:18	1
Pentachlorophenol	<1.03	U H	1.14	1.03	ug/L		12/11/24 04:48	12/20/24 17:18	1
Phenanthrene	<0.133	U H *+	0.568	0.133	ug/L		12/11/24 04:48	12/20/24 17:18	1
Phenol	<0.446	U H	2.84	0.446	ug/L		12/11/24 04:48	12/20/24 17:18	1
Pyrene	<0.0844	U H	0.568	0.0844	ug/L		12/11/24 04:48	12/20/24 17:18	1
Pyridine	<1.43	U H *1	2.84	1.43	ug/L		12/11/24 04:48	12/20/24 17:18	1
N-Nitro-o-toluidine	<0.517	U H	1.14	0.517	ug/L		12/11/24 04:48	12/20/24 17:18	1
2,3,4,6-Tetrachlorophenol	<0.209	U H *+	0.568	0.209	ug/L		12/11/24 04:48	12/20/24 17:18	1
Acetophenone	<0.620	U H	1.14	0.620	ug/L		12/11/24 04:48	12/20/24 17:18	1
N-Nitrosopiperidine	<0.465	U H	1.14	0.465	ug/L		12/11/24 04:48	12/20/24 17:18	1
Pentachlorobenzene	<0.264	U H	0.568	0.264	ug/L		12/11/24 04:48	12/20/24 17:18	1
Diphenyl ether	<0.0905	U H	0.568	0.0905	ug/L		12/11/24 04:48	12/20/24 17:18	1
1,1'-Biphenyl	<0.0976	U H	0.568	0.0976	ug/L		12/11/24 04:48	12/20/24 17:18	1
4-Aminobiphenyl	<0.392	U H	0.568	0.392	ug/L		12/11/24 04:48	12/20/24 17:18	1
1,2,4,5-Tetrachlorobenzene	<0.0952	U H	0.568	0.0952	ug/L		12/11/24 04:48	12/20/24 17:18	1
1,3,5-Trinitrobenzene	<0.118	U H	0.568	0.118	ug/L		12/11/24 04:48	12/20/24 17:18	1
1,3-Dinitrobenzene	<0.0768	U H	0.568	0.0768	ug/L		12/11/24 04:48	12/20/24 17:18	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: MW-3
Date Collected: 11/11/24 14:03
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Naphthoquinone	<0.313	U H	0.568	0.313	ug/L		12/11/24 04:48	12/20/24 17:18	1
1-Naphthylamine	<0.148	U H	0.568	0.148	ug/L		12/11/24 04:48	12/20/24 17:18	1
2,6-Dichlorophenol	<0.117	U H	0.568	0.117	ug/L		12/11/24 04:48	12/20/24 17:18	1
2-Acetylaminofluorene	<1.26	U H *+	2.84	1.26	ug/L		12/11/24 04:48	12/20/24 17:18	1
2-Chlorophenol	<0.0752	U H	0.568	0.0752	ug/L		12/11/24 04:48	12/20/24 17:18	1
2-Naphthylamine	<0.286	U H	0.568	0.286	ug/L		12/11/24 04:48	12/20/24 17:18	1
2-Picoline	<0.122	U H	0.568	0.122	ug/L		12/11/24 04:48	12/20/24 17:18	1
2-Toluidine	<0.304	U H	0.568	0.304	ug/L		12/11/24 04:48	12/20/24 17:18	1
3,3'-Dichlorobenzidine	<0.182	U H	0.568	0.182	ug/L		12/11/24 04:48	12/20/24 17:18	1
3,3'-Dimethylbenzidine	<0.141	U H	0.568	0.141	ug/L		12/11/24 04:48	12/20/24 17:18	1
3-Methylcholanthrene	<0.104	U H	0.568	0.104	ug/L		12/11/24 04:48	12/20/24 17:18	1
4-Nitroquinoline-1-oxide	<0.726	U H	1.14	0.726	ug/L		12/11/24 04:48	12/20/24 17:18	1
7,12-Dimethylbenz(a)anthracene	<0.240	U H	0.568	0.240	ug/L		12/11/24 04:48	12/20/24 17:18	1
alpha,alpha-Dimethyl phenethylamine	<3.65	U H *-	5.68	3.65	ug/L		12/11/24 04:48	12/20/24 17:18	1
Aramite Peak 1	<0.0781	U H *+	0.568	0.0781	ug/L		12/11/24 04:48	12/20/24 17:18	1
Aramite Peak 2	<0.0948	U H	0.568	0.0948	ug/L		12/11/24 04:48	12/20/24 17:18	1
Aramite, Total	<0.0948	U H	0.568	0.0948	ug/L		12/11/24 04:48	12/20/24 17:18	1
Diallate	<0.0830	U H	0.568	0.0830	ug/L		12/11/24 04:48	12/20/24 17:18	1
Diallate Peak 1	<0.0830	U H	0.568	0.0830	ug/L		12/11/24 04:48	12/20/24 17:18	1
Diallate Peak 2	<0.0383	U H	0.568	0.0383	ug/L		12/11/24 04:48	12/20/24 17:18	1
Dimethoate	<0.121	U H *+	0.568	0.121	ug/L		12/11/24 04:48	12/20/24 17:18	1
Dinoseb	<0.566	U H	2.84	0.566	ug/L		12/11/24 04:48	12/20/24 17:18	1
Disulfoton	<0.202	U H	0.568	0.202	ug/L		12/11/24 04:48	12/20/24 17:18	1
Ethyl methanesulfonate	<0.225	U H	0.568	0.225	ug/L		12/11/24 04:48	12/20/24 17:18	1
Ethyl Parathion	<0.0499	U H	0.227	0.0499	ug/L		12/11/24 04:48	12/20/24 17:18	1
Famphur	<0.150	U H	1.14	0.150	ug/L		12/11/24 04:48	12/20/24 17:18	1
Hexachloropropene	<0.298	U H	0.568	0.298	ug/L		12/11/24 04:48	12/20/24 17:18	1
Isosafrole	<0.239	U H	0.568	0.239	ug/L		12/11/24 04:48	12/20/24 17:18	1
Isosafrole Peak 1	<0.0461	U H	0.568	0.0461	ug/L		12/11/24 04:48	12/20/24 17:18	1
Isosafrole Peak 2	<0.239	U H	0.568	0.239	ug/L		12/11/24 04:48	12/20/24 17:18	1
Methapyrilene	<0.994	U H	2.27	0.994	ug/L		12/11/24 04:48	12/20/24 17:18	1
Methyl methanesulfonate	<0.119	U H	0.568	0.119	ug/L		12/11/24 04:48	12/20/24 17:18	1
Methyl parathion	<0.318	U H	0.568	0.318	ug/L		12/11/24 04:48	12/20/24 17:18	1
N-Nitrosodiethylamine	<0.535	U H	1.14	0.535	ug/L		12/11/24 04:48	12/20/24 17:18	1
N-Nitrosodimethylamine	<0.0994	U H *-	0.568	0.0994	ug/L		12/11/24 04:48	12/20/24 17:18	1
N-Nitrosodi-n-butylamine	<0.513	U H	1.14	0.513	ug/L		12/11/24 04:48	12/20/24 17:18	1
N-Nitrosomethylethylamine	<0.292	U H	0.568	0.292	ug/L		12/11/24 04:48	12/20/24 17:18	1
N-Nitrosomorpholine	<0.219	U H	0.568	0.219	ug/L		12/11/24 04:48	12/20/24 17:18	1
N-Nitrosopyrrolidine	<0.266	U H	0.568	0.266	ug/L		12/11/24 04:48	12/20/24 17:18	1
o,o',o''-Triethylphosphorothioate	<0.137	U H	0.568	0.137	ug/L		12/11/24 04:48	12/20/24 17:18	1
p-Dimethylamino azobenzene	<0.0236	U H	0.568	0.0236	ug/L		12/11/24 04:48	12/20/24 17:18	1
Pentachloronitrobenzene	<0.0994	U H	0.568	0.0994	ug/L		12/11/24 04:48	12/20/24 17:18	1
Phenacetin	<0.0994	U H	0.568	0.0994	ug/L		12/11/24 04:48	12/20/24 17:18	1
Phorate	<0.220	U H	0.568	0.220	ug/L		12/11/24 04:48	12/20/24 17:18	1
p-Phenylene diamine	<0.497	U H *-	1.14	0.497	ug/L		12/11/24 04:48	12/20/24 17:18	1
Pronamide	<0.0994	U H	0.568	0.0994	ug/L		12/11/24 04:48	12/20/24 17:18	1
Safrole, Total	<0.0568	U H	0.568	0.0568	ug/L		12/11/24 04:48	12/20/24 17:18	1
Sulfotepp	<0.146	U H *+	0.568	0.146	ug/L		12/11/24 04:48	12/20/24 17:18	1
Thionazin	<0.207	U H	1.14	0.207	ug/L		12/11/24 04:48	12/20/24 17:18	1

Client Sample ID: MW-3
Lab Sample ID: 860-86945-3
Date Collected: 11/11/24 14:03
Matrix: Water
Date Received: 11/13/24 09:46

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	99		35 - 130	12/11/24 04:48	12/20/24 17:18	1
2-Fluorobiphenyl	82		43 - 130	12/11/24 04:48	12/20/24 17:18	1
2-Fluorophenol (Surr)	69		19 - 120	12/11/24 04:48	12/20/24 17:18	1
Nitrobenzene-d5 (Surr)	97		37 - 133	12/11/24 04:48	12/20/24 17:18	1
Phenol-d5 (Surr)	41		8 - 124	12/11/24 04:48	12/20/24 17:18	1
p-Terphenyl-d14	111		47 - 130	12/11/24 04:48	12/20/24 17:18	1

Client Sample ID: MW-2
Lab Sample ID: 860-86945-4
Date Collected: 11/11/24 15:00
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/15/24 21:57	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/15/24 21:57	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/15/24 21:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/15/24 21:57	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/15/24 21:57	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/15/24 21:57	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/15/24 21:57	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/15/24 21:57	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/15/24 21:57	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/15/24 21:57	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/15/24 21:57	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/15/24 21:57	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/15/24 21:57	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/15/24 21:57	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/15/24 21:57	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/15/24 21:57	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/15/24 21:57	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/15/24 21:57	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/15/24 21:57	1
Acetone	<3.07	U	100	3.07	ug/L			11/15/24 21:57	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/15/24 21:57	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/15/24 21:57	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/15/24 21:57	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/15/24 21:57	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/15/24 21:57	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/15/24 21:57	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/15/24 21:57	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/15/24 21:57	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/15/24 21:57	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/15/24 21:57	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/15/24 21:57	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/15/24 21:57	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/15/24 21:57	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/15/24 21:57	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/15/24 21:57	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/15/24 21:57	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/15/24 21:57	1

Client Sample ID: MW-2

Date Collected: 11/11/24 15:00
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/15/24 21:57	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/15/24 21:57	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/15/24 21:57	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/15/24 21:57	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/15/24 21:57	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/15/24 21:57	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/15/24 21:57	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/15/24 21:57	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/15/24 21:57	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/15/24 21:57	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/15/24 21:57	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/15/24 21:57	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/15/24 21:57	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/15/24 21:57	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/15/24 21:57	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/15/24 21:57	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/15/24 21:57	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/15/24 21:57	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/15/24 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*		*11/15/24 21:57*	*1*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*11/15/24 21:57*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*11/15/24 21:57*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/15/24 21:57*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<8.28	U H	50.0	8.28	ug/L			11/19/24 02:56	1
2-Hexanone (MBK)	<5.00	U H	50.0	5.00	ug/L			11/19/24 02:56	1
Acrolein	<11.1	U H	50.0	11.1	ug/L			11/19/24 02:56	1
Bromomethane	<1.42	U H	5.00	1.42	ug/L			11/19/24 02:56	1
Dichlorodifluoromethane	<0.785	U H	1.00	0.785	ug/L			11/19/24 02:56	1
Ethyl methacrylate	<1.12	U H	5.00	1.12	ug/L			11/19/24 02:56	1
Hexane	<0.517	U H	5.00	0.517	ug/L			11/19/24 02:56	1
Iodomethane	<5.00	U H	20.0	5.00	ug/L			11/19/24 02:56	1
Isobutanol	<17.1	U H	50.0	17.1	ug/L			11/19/24 02:56	1
Methacrylonitrile	<2.72	U H	10.0	2.72	ug/L			11/19/24 02:56	1
Methyl methacrylate	<2.25	U H	10.0	2.25	ug/L			11/19/24 02:56	1
trans-1,4-Dichloro-2-butene	<1.35	U H	10.0	1.35	ug/L			11/19/24 02:56	1
Vinyl acetate	<2.14	U H	20.0	2.14	ug/L			11/19/24 02:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*11/19/24 02:56*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*11/19/24 02:56*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*11/19/24 02:56*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/19/24 02:56*	*1*

Client Sample ID: MW-2
Lab Sample ID: 860-86945-4
Date Collected: 11/11/24 15:00
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0770	U *-	0.574	0.0770	ug/L		11/15/24 05:06	12/20/24 13:49	1
1,2-Dichlorobenzene	<0.0945	U	0.574	0.0945	ug/L		11/15/24 05:06	12/20/24 13:49	1
1,3-Dichlorobenzene	<0.102	U	0.574	0.102	ug/L		11/15/24 05:06	12/20/24 13:49	1
1,4-Dichlorobenzene	<0.0782	U	0.574	0.0782	ug/L		11/15/24 05:06	12/20/24 13:49	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.87	1.43	ug/L		11/15/24 05:06	12/20/24 13:49	1
2,4,5-Trichlorophenol	<0.144	U	0.574	0.144	ug/L		11/15/24 05:06	12/20/24 13:49	1
2,4,6-Trichlorophenol	<0.232	U	0.574	0.232	ug/L		11/15/24 05:06	12/20/24 13:49	1
2,4-Dichlorophenol	<0.141	U	0.574	0.141	ug/L		11/15/24 05:06	12/20/24 13:49	1
2,4-Dimethylphenol	<0.193	U *+	0.574	0.193	ug/L		11/15/24 05:06	12/20/24 13:49	1
1,4-Dioxane	**0.292**	**J I**	0.574	0.0894	ug/L		11/15/24 05:06	12/20/24 13:49	1
2,4-Dinitrophenol	<0.105	U	2.87	0.105	ug/L		11/15/24 05:06	12/20/24 13:49	1
2,4-Dinitrotoluene	<0.206	U	0.574	0.206	ug/L		11/15/24 05:06	12/20/24 13:49	1
2,6-Dinitrotoluene	<0.117	U	0.574	0.117	ug/L		11/15/24 05:06	12/20/24 13:49	1
2-Chloronaphthalene	<0.380	U	0.574	0.380	ug/L		11/15/24 05:06	12/20/24 13:49	1
2-Methylnaphthalene	<0.0605	U	0.574	0.0605	ug/L		11/15/24 05:06	12/20/24 13:49	1
2-Methylphenol	<0.105	U	0.574	0.105	ug/L		11/15/24 05:06	12/20/24 13:49	1
2-Nitroaniline	<0.150	U	0.574	0.150	ug/L		11/15/24 05:06	12/20/24 13:49	1
2-Nitrophenol	<0.137	U	0.574	0.137	ug/L		11/15/24 05:06	12/20/24 13:49	1
3 & 4 Methylphenol	<0.139	U	0.574	0.139	ug/L		11/15/24 05:06	12/20/24 13:49	1
3-Nitroaniline	<0.0856	U	0.574	0.0856	ug/L		11/15/24 05:06	12/20/24 13:49	1
4,6-Dinitro-2-methylphenol	<0.202	U	1.15	0.202	ug/L		11/15/24 05:06	12/20/24 13:49	1
4-Bromophenyl phenyl ether	<0.101	U	0.574	0.101	ug/L		11/15/24 05:06	12/20/24 13:49	1
4-Chloro-3-methylphenol	<0.104	U	0.574	0.104	ug/L		11/15/24 05:06	12/20/24 13:49	1
4-Chloroaniline	<0.0387	U	0.574	0.0387	ug/L		11/15/24 05:06	12/20/24 13:49	1
4-Chlorophenyl phenyl ether	<0.131	U	0.574	0.131	ug/L		11/15/24 05:06	12/20/24 13:49	1
4-Nitroaniline	<0.109	U	0.574	0.109	ug/L		11/15/24 05:06	12/20/24 13:49	1
Acenaphthene	<0.108	U	0.574	0.108	ug/L		11/15/24 05:06	12/20/24 13:49	1
Acenaphthylene	<0.100	U	0.574	0.100	ug/L		11/15/24 05:06	12/20/24 13:49	1
Aniline	<0.0582	U	0.574	0.0582	ug/L		11/15/24 05:06	12/20/24 13:49	1
Anthracene	<0.0942	U	0.574	0.0942	ug/L		11/15/24 05:06	12/20/24 13:49	1
Benzo[a]anthracene	<0.0287	U *+	0.0287	0.0287	ug/L		11/15/24 05:06	12/20/24 13:49	1
Benzo[a]pyrene	<0.0301	U	0.0574	0.0301	ug/L		11/15/24 05:06	12/20/24 13:49	1
Benzo[b]fluoranthene	<0.0667	U	0.574	0.0667	ug/L		11/15/24 05:06	12/20/24 13:49	1
Benzo[g,h,i]perylene	<0.0347	U	0.574	0.0347	ug/L		11/15/24 05:06	12/20/24 13:49	1
Benzo[k]fluoranthene	<0.0475	U	0.574	0.0475	ug/L		11/15/24 05:06	12/20/24 13:49	1
Benzyl alcohol	<0.603	U *-	1.15	0.603	ug/L		11/15/24 05:06	12/20/24 13:49	1
Bis(2-chloroethoxy)methane	<0.0979	U	0.574	0.0979	ug/L		11/15/24 05:06	12/20/24 13:49	1
Bis(2-chloroethyl)ether	<0.215	U	0.574	0.215	ug/L		11/15/24 05:06	12/20/24 13:49	1
Bis(2-ethylhexyl) phthalate	<0.904	U	1.15	0.904	ug/L		11/15/24 05:06	12/20/24 13:49	1
Butyl benzyl phthalate	<0.502	U	1.15	0.502	ug/L		11/15/24 05:06	12/20/24 13:49	1
Chrysene	<0.0819	U	0.574	0.0819	ug/L		11/15/24 05:06	12/20/24 13:49	1
Dibenz(a,h)anthracene	<0.0511	U	0.115	0.0511	ug/L		11/15/24 05:06	12/20/24 13:49	1
Dibenzofuran	<0.107	U	0.574	0.107	ug/L		11/15/24 05:06	12/20/24 13:49	1
Diethyl phthalate	<0.155	U *+	1.15	0.155	ug/L		11/15/24 05:06	12/20/24 13:49	1
Dimethyl phthalate	<0.109	U *+	1.15	0.109	ug/L		11/15/24 05:06	12/20/24 13:49	1
Di-n-butyl phthalate	<0.768	U *+	1.15	0.768	ug/L		11/15/24 05:06	12/20/24 13:49	1
Di-n-octyl phthalate	<0.270	U	1.15	0.270	ug/L		11/15/24 05:06	12/20/24 13:49	1
Fluoranthene	<0.0887	U	0.574	0.0887	ug/L		11/15/24 05:06	12/20/24 13:49	1
Fluorene	<0.0952	U	0.574	0.0952	ug/L		11/15/24 05:06	12/20/24 13:49	1

Client Sample ID: MW-2
Lab Sample ID: 860-86945-4
Date Collected: 11/11/24 15:00
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	<0.0979	U	0.574	0.0979	ug/L		11/15/24 05:06	12/20/24 13:49	1
Hexachlorobutadiene	<0.103	U	0.574	0.103	ug/L		11/15/24 05:06	12/20/24 13:49	1
Hexachlorocyclopentadiene	<0.0514	U	0.574	0.0514	ug/L		11/15/24 05:06	12/20/24 13:49	1
Hexachloroethane	<0.102	U	0.574	0.102	ug/L		11/15/24 05:06	12/20/24 13:49	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.574	0.100	ug/L		11/15/24 05:06	12/20/24 13:49	1
Isophorone	<0.107	U	0.574	0.107	ug/L		11/15/24 05:06	12/20/24 13:49	1
Naphthalene	<0.0948	U	0.574	0.0948	ug/L		11/15/24 05:06	12/20/24 13:49	1
Nitrobenzene	<0.0740	U	0.574	0.0740	ug/L		11/15/24 05:06	12/20/24 13:49	1
N-Nitrosodi-n-propylamine	<0.119	U	0.574	0.119	ug/L		11/15/24 05:06	12/20/24 13:49	1
N-Nitrosodiphenylamine	<0.145	U	0.574	0.145	ug/L		11/15/24 05:06	12/20/24 13:49	1
Pentachlorophenol	<1.04	U	1.15	1.04	ug/L		11/15/24 05:06	12/20/24 13:49	1
Phenanthrene	<0.135	U	0.574	0.135	ug/L		11/15/24 05:06	12/20/24 13:49	1
Phenol	<0.450	U	2.87	0.450	ug/L		11/15/24 05:06	12/20/24 13:49	1
Pyrene	<0.0852	U *+	0.574	0.0852	ug/L		11/15/24 05:06	12/20/24 13:49	1
Pyridine	<1.44	U *1	2.87	1.44	ug/L		11/15/24 05:06	12/20/24 13:49	1
N-Nitro-o-toluidine	<0.522	U	1.15	0.522	ug/L		11/15/24 05:06	12/20/24 13:49	1
2,3,4,6-Tetrachlorophenol	<0.212	U	0.574	0.212	ug/L		11/15/24 05:06	12/20/24 13:49	1
Acetophenone	<0.626	U	1.15	0.626	ug/L		11/15/24 05:06	12/20/24 13:49	1
N-Nitrosopiperidine	<0.469	U	1.15	0.469	ug/L		11/15/24 05:06	12/20/24 13:49	1
Pentachlorobenzene	<0.267	U	0.574	0.267	ug/L		11/15/24 05:06	12/20/24 13:49	1
Diphenyl ether	<0.0914	U	0.574	0.0914	ug/L		11/15/24 05:06	12/20/24 13:49	1
1,1'-Biphenyl	<0.0986	U	0.574	0.0986	ug/L		11/15/24 05:06	12/20/24 13:49	1
4-Aminobiphenyl	<0.396	U	0.574	0.396	ug/L		11/15/24 05:06	12/20/24 13:49	1
1,2,4,5-Tetrachlorobenzene	<0.0961	U *-	0.574	0.0961	ug/L		11/15/24 05:06	12/20/24 13:49	1
1,3,5-Trinitrobenzene	<0.119	U	0.574	0.119	ug/L		11/15/24 05:06	12/20/24 13:49	1
1,3-Dinitrobenzene	<0.0776	U	0.574	0.0776	ug/L		11/15/24 05:06	12/20/24 13:49	1
1,4-Naphthoquinone	<0.316	U	0.574	0.316	ug/L		11/15/24 05:06	12/20/24 13:49	1
1-Naphthylamine	<0.149	U	0.574	0.149	ug/L		11/15/24 05:06	12/20/24 13:49	1
2,6-Dichlorophenol	<0.119	U	0.574	0.119	ug/L		11/15/24 05:06	12/20/24 13:49	1
2-Acetylaminofluorene	<1.27	U *+	2.87	1.27	ug/L		11/15/24 05:06	12/20/24 13:49	1
2-Chlorophenol	<0.0760	U	0.574	0.0760	ug/L		11/15/24 05:06	12/20/24 13:49	1
2-Naphthylamine	<0.289	U	0.574	0.289	ug/L		11/15/24 05:06	12/20/24 13:49	1
2-Picoline	<0.123	U *- *1	0.574	0.123	ug/L		11/15/24 05:06	12/20/24 13:49	1
2-Toluidine	<0.307	U	0.574	0.307	ug/L		11/15/24 05:06	12/20/24 13:49	1
3,3'-Dichlorobenzidine	<0.184	U	0.574	0.184	ug/L		11/15/24 05:06	12/20/24 13:49	1
3,3'-Dimethylbenzidine	<0.142	U	0.574	0.142	ug/L		11/15/24 05:06	12/20/24 13:49	1
3-Methylcholanthrene	<0.105	U	0.574	0.105	ug/L		11/15/24 05:06	12/20/24 13:49	1
4-Nitroquinoline-1-oxide	<0.733	U	1.15	0.733	ug/L		11/15/24 05:06	12/20/24 13:49	1
7,12-Dimethylbenz(a)anthracene	<0.242	U	0.574	0.242	ug/L		11/15/24 05:06	12/20/24 13:49	1
alpha,alpha-Dimethyl phenethylamine	<3.69	U *- *1	5.74	3.69	ug/L		11/15/24 05:06	12/20/24 13:49	1
Aramite Peak 1	<0.0789	U	0.574	0.0789	ug/L		11/15/24 05:06	12/20/24 13:49	1
Aramite Peak 2	<0.0958	U	0.574	0.0958	ug/L		11/15/24 05:06	12/20/24 13:49	1
Aramite, Total	<0.0958	U	0.574	0.0958	ug/L		11/15/24 05:06	12/20/24 13:49	1
Diallate	<0.0838	U	0.574	0.0838	ug/L		11/15/24 05:06	12/20/24 13:49	1
Diallate Peak 1	<0.0838	U	0.574	0.0838	ug/L		11/15/24 05:06	12/20/24 13:49	1
Diallate Peak 2	<0.0387	U	0.574	0.0387	ug/L		11/15/24 05:06	12/20/24 13:49	1
Dimethoate	<0.122	U *+	0.574	0.122	ug/L		11/15/24 05:06	12/20/24 13:49	1
Dinoseb	<0.572	U *+	2.87	0.572	ug/L		11/15/24 05:06	12/20/24 13:49	1
Disulfoton	<0.204	U *+	0.574	0.204	ug/L		11/15/24 05:06	12/20/24 13:49	1

Client Sample ID: MW-2
Date Collected: 11/11/24 15:00
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl methanesulfonate	<0.228	U	0.574	0.228	ug/L		11/15/24 05:06	12/20/24 13:49	1
Ethyl Parathion	<0.0504	U *+	0.230	0.0504	ug/L		11/15/24 05:06	12/20/24 13:49	1
Famphur	<0.151	U *+	1.15	0.151	ug/L		11/15/24 05:06	12/20/24 13:49	1
Hexachloropropene	<0.301	U *-	0.574	0.301	ug/L		11/15/24 05:06	12/20/24 13:49	1
Isosafrole	<0.242	U	0.574	0.242	ug/L		11/15/24 05:06	12/20/24 13:49	1
Isosafrole Peak 1	<0.0465	U	0.574	0.0465	ug/L		11/15/24 05:06	12/20/24 13:49	1
Isosafrole Peak 2	<0.242	U	0.574	0.242	ug/L		11/15/24 05:06	12/20/24 13:49	1
Methapyrilene	<1.00	U *+	2.30	1.00	ug/L		11/15/24 05:06	12/20/24 13:49	1
Methyl methanesulfonate	<0.120	U	0.574	0.120	ug/L		11/15/24 05:06	12/20/24 13:49	1
Methyl parathion	<0.321	U *+	0.574	0.321	ug/L		11/15/24 05:06	12/20/24 13:49	1
N-Nitrosodiethylamine	<0.541	U	1.15	0.541	ug/L		11/15/24 05:06	12/20/24 13:49	1
N-Nitrosodimethylamine	<0.100	U *-	0.574	0.100	ug/L		11/15/24 05:06	12/20/24 13:49	1
N-Nitrosodi-n-butylamine	<0.518	U	1.15	0.518	ug/L		11/15/24 05:06	12/20/24 13:49	1
N-Nitrosomethylethylamine	<0.295	U	0.574	0.295	ug/L		11/15/24 05:06	12/20/24 13:49	1
N-Nitrosomorpholine	<0.221	U	0.574	0.221	ug/L		11/15/24 05:06	12/20/24 13:49	1
N-Nitrosopyrrolidine	<0.269	U *-	0.574	0.269	ug/L		11/15/24 05:06	12/20/24 13:49	1
o,o',o''-Triethylphosphorothioate	<0.139	U *+	0.574	0.139	ug/L		11/15/24 05:06	12/20/24 13:49	1
p-Dimethylamino azobenzene	<0.0239	U	0.574	0.0239	ug/L		11/15/24 05:06	12/20/24 13:49	1
Pentachloronitrobenzene	<0.100	U *+	0.574	0.100	ug/L		11/15/24 05:06	12/20/24 13:49	1
Phenacetin	<0.100	U	0.574	0.100	ug/L		11/15/24 05:06	12/20/24 13:49	1
Phorate	<0.222	U *+	0.574	0.222	ug/L		11/15/24 05:06	12/20/24 13:49	1
p-Phenylene diamine	<0.502	U *- *1	1.15	0.502	ug/L		11/15/24 05:06	12/20/24 13:49	1
Pronamide	<0.100	U *+	0.574	0.100	ug/L		11/15/24 05:06	12/20/24 13:49	1
Safrole, Total	<0.0573	U	0.574	0.0573	ug/L		11/15/24 05:06	12/20/24 13:49	1
Sulfotepp	<0.147	U *+	0.574	0.147	ug/L		11/15/24 05:06	12/20/24 13:49	1
Thionazin	<0.209	U *+	1.15	0.209	ug/L		11/15/24 05:06	12/20/24 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*35 - 130*	*11/15/24 05:06*	*12/20/24 13:49*	*1*
2-Fluorobiphenyl	*102*		*43 - 130*	*11/15/24 05:06*	*12/20/24 13:49*	*1*
2-Fluorophenol (Surr)	*77*		*19 - 120*	*11/15/24 05:06*	*12/20/24 13:49*	*1*
Nitrobenzene-d5 (Surr)	*102*		*37 - 133*	*11/15/24 05:06*	*12/20/24 13:49*	*1*
Phenol-d5 (Surr)	*55*		*8 - 124*	*11/15/24 05:06*	*12/20/24 13:49*	*1*
p-Terphenyl-d14	*105*		*47 - 130*	*11/15/24 05:06*	*12/20/24 13:49*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0768	U H	0.573	0.0768	ug/L		12/11/24 04:48	12/20/24 17:48	1
1,2-Dichlorobenzene	<0.0943	U H	0.573	0.0943	ug/L		12/11/24 04:48	12/20/24 17:48	1
1,3-Dichlorobenzene	<0.102	U H	0.573	0.102	ug/L		12/11/24 04:48	12/20/24 17:48	1
1,4-Dichlorobenzene	<0.0781	U H	0.573	0.0781	ug/L		12/11/24 04:48	12/20/24 17:48	1
2,2'-oxybis[1-chloropropane]	<1.43	U H	2.87	1.43	ug/L		12/11/24 04:48	12/20/24 17:48	1
2,4,5-Trichlorophenol	<0.144	U H	0.573	0.144	ug/L		12/11/24 04:48	12/20/24 17:48	1
2,4,6-Trichlorophenol	<0.231	U H	0.573	0.231	ug/L		12/11/24 04:48	12/20/24 17:48	1
2,4-Dichlorophenol	<0.140	U H	0.573	0.140	ug/L		12/11/24 04:48	12/20/24 17:48	1
2,4-Dimethylphenol	<0.193	U H *+	0.573	0.193	ug/L		12/11/24 04:48	12/20/24 17:48	1
1,4-Dioxane	**0.172**	**J I H**	0.573	0.0893	ug/L		12/11/24 04:48	12/20/24 17:48	1
2,4-Dinitrophenol	<0.104	U H	2.87	0.104	ug/L		12/11/24 04:48	12/20/24 17:48	1
2,4-Dinitrotoluene	<0.205	U H	0.573	0.205	ug/L		12/11/24 04:48	12/20/24 17:48	1
2,6-Dinitrotoluene	<0.117	U H	0.573	0.117	ug/L		12/11/24 04:48	12/20/24 17:48	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: MW-2
Date Collected: 11/11/24 15:00
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	<0.379	U H	0.573	0.379	ug/L		12/11/24 04:48	12/20/24 17:48	1
2-Methylnaphthalene	<0.0604	U H	0.573	0.0604	ug/L		12/11/24 04:48	12/20/24 17:48	1
2-Methylphenol	<0.105	U H	0.573	0.105	ug/L		12/11/24 04:48	12/20/24 17:48	1
2-Nitroaniline	<0.149	U H	0.573	0.149	ug/L		12/11/24 04:48	12/20/24 17:48	1
2-Nitrophenol	<0.136	U H	0.573	0.136	ug/L		12/11/24 04:48	12/20/24 17:48	1
3 & 4 Methylphenol	<0.139	U H	0.573	0.139	ug/L		12/11/24 04:48	12/20/24 17:48	1
3-Nitroaniline	<0.0855	U H	0.573	0.0855	ug/L		12/11/24 04:48	12/20/24 17:48	1
4,6-Dinitro-2-methylphenol	<0.202	U H	1.15	0.202	ug/L		12/11/24 04:48	12/20/24 17:48	1
4-Bromophenyl phenyl ether	<0.101	U H	0.573	0.101	ug/L		12/11/24 04:48	12/20/24 17:48	1
4-Chloro-3-methylphenol	<0.104	U H	0.573	0.104	ug/L		12/11/24 04:48	12/20/24 17:48	1
4-Chloroaniline	<0.0387	U H	0.573	0.0387	ug/L		12/11/24 04:48	12/20/24 17:48	1
4-Chlorophenyl phenyl ether	<0.131	U H	0.573	0.131	ug/L		12/11/24 04:48	12/20/24 17:48	1
4-Nitroaniline	<0.109	U H	0.573	0.109	ug/L		12/11/24 04:48	12/20/24 17:48	1
Acenaphthene	<0.108	U H	0.573	0.108	ug/L		12/11/24 04:48	12/20/24 17:48	1
Acenaphthylene	<0.0999	U H	0.573	0.0999	ug/L		12/11/24 04:48	12/20/24 17:48	1
Aniline	<0.0581	U H	0.573	0.0581	ug/L		12/11/24 04:48	12/20/24 17:48	1
Anthracene	<0.0941	U H *+	0.573	0.0941	ug/L		12/11/24 04:48	12/20/24 17:48	1
Benzo[a]anthracene	<0.0287	U H *+	0.0287	0.0287	ug/L		12/11/24 04:48	12/20/24 17:48	1
Benzo[a]pyrene	<0.0301	U H	0.0573	0.0301	ug/L		12/11/24 04:48	12/20/24 17:48	1
Benzo[b]fluoranthene	<0.0666	U H *+	0.573	0.0666	ug/L		12/11/24 04:48	12/20/24 17:48	1
Benzo[g,h,i]perylene	<0.0346	U H	0.573	0.0346	ug/L		12/11/24 04:48	12/20/24 17:48	1
Benzo[k]fluoranthene	<0.0474	U H	0.573	0.0474	ug/L		12/11/24 04:48	12/20/24 17:48	1
Benzyl alcohol	<0.602	U H	1.15	0.602	ug/L		12/11/24 04:48	12/20/24 17:48	1
Bis(2-chloroethoxy)methane	<0.0977	U H	0.573	0.0977	ug/L		12/11/24 04:48	12/20/24 17:48	1
Bis(2-chloroethyl)ether	<0.215	U H	0.573	0.215	ug/L		12/11/24 04:48	12/20/24 17:48	1
Bis(2-ethylhexyl) phthalate	<0.903	U H *+	1.15	0.903	ug/L		12/11/24 04:48	12/20/24 17:48	1
Butyl benzyl phthalate	<0.501	U H	1.15	0.501	ug/L		12/11/24 04:48	12/20/24 17:48	1
Chrysene	<0.0818	U H *+	0.573	0.0818	ug/L		12/11/24 04:48	12/20/24 17:48	1
Dibenz(a,h)anthracene	<0.0510	U H	0.115	0.0510	ug/L		12/11/24 04:48	12/20/24 17:48	1
Dibenzofuran	<0.107	U H	0.573	0.107	ug/L		12/11/24 04:48	12/20/24 17:48	1
Diethyl phthalate	<0.155	U H	1.15	0.155	ug/L		12/11/24 04:48	12/20/24 17:48	1
Dimethyl phthalate	<0.109	U H	1.15	0.109	ug/L		12/11/24 04:48	12/20/24 17:48	1
Di-n-butyl phthalate	<0.767	U H	1.15	0.767	ug/L		12/11/24 04:48	12/20/24 17:48	1
Di-n-octyl phthalate	<0.270	U H	1.15	0.270	ug/L		12/11/24 04:48	12/20/24 17:48	1
Fluoranthene	<0.0886	U H	0.573	0.0886	ug/L		12/11/24 04:48	12/20/24 17:48	1
Fluorene	<0.0951	U H	0.573	0.0951	ug/L		12/11/24 04:48	12/20/24 17:48	1
Hexachlorobenzene	<0.0978	U H	0.573	0.0978	ug/L		12/11/24 04:48	12/20/24 17:48	1
Hexachlorobutadiene	<0.103	U H	0.573	0.103	ug/L		12/11/24 04:48	12/20/24 17:48	1
Hexachlorocyclopentadiene	<0.0513	U H *+	0.573	0.0513	ug/L		12/11/24 04:48	12/20/24 17:48	1
Hexachloroethane	<0.102	U H	0.573	0.102	ug/L		12/11/24 04:48	12/20/24 17:48	1
Indeno[1,2,3-cd]pyrene	<0.100	U H	0.573	0.100	ug/L		12/11/24 04:48	12/20/24 17:48	1
Isophorone	<0.107	U H	0.573	0.107	ug/L		12/11/24 04:48	12/20/24 17:48	1
Naphthalene	<0.0947	U H	0.573	0.0947	ug/L		12/11/24 04:48	12/20/24 17:48	1
Nitrobenzene	<0.0739	U H	0.573	0.0739	ug/L		12/11/24 04:48	12/20/24 17:48	1
N-Nitrosodi-n-propylamine	<0.119	U H	0.573	0.119	ug/L		12/11/24 04:48	12/20/24 17:48	1
N-Nitrosodiphenylamine	<0.145	U H	0.573	0.145	ug/L		12/11/24 04:48	12/20/24 17:48	1
Pentachlorophenol	<1.04	U H	1.15	1.04	ug/L		12/11/24 04:48	12/20/24 17:48	1
Phenanthrene	<0.134	U H *+	0.573	0.134	ug/L		12/11/24 04:48	12/20/24 17:48	1
Phenol	<0.449	U H	2.87	0.449	ug/L		12/11/24 04:48	12/20/24 17:48	1

Client Sample ID: MW-2
Lab Sample ID: 860-86945-4
Date Collected: 11/11/24 15:00
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	<0.0851	U H	0.573	0.0851	ug/L		12/11/24 04:48	12/20/24 17:48	1
Pyridine	<1.44	U H *1	2.87	1.44	ug/L		12/11/24 04:48	12/20/24 17:48	1
N-Nitro-o-toluidine	<0.522	U H	1.15	0.522	ug/L		12/11/24 04:48	12/20/24 17:48	1
2,3,4,6-Tetrachlorophenol	<0.211	U H *+	0.573	0.211	ug/L		12/11/24 04:48	12/20/24 17:48	1
Acetophenone	<0.626	U H	1.15	0.626	ug/L		12/11/24 04:48	12/20/24 17:48	1
N-Nitrosopiperidine	<0.469	U H	1.15	0.469	ug/L		12/11/24 04:48	12/20/24 17:48	1
Pentachlorobenzene	<0.267	U H	0.573	0.267	ug/L		12/11/24 04:48	12/20/24 17:48	1
Diphenyl ether	<0.0912	U H	0.573	0.0912	ug/L		12/11/24 04:48	12/20/24 17:48	1
1,1'-Biphenyl	<0.0984	U H	0.573	0.0984	ug/L		12/11/24 04:48	12/20/24 17:48	1
4-Aminobiphenyl	<0.395	U H	0.573	0.395	ug/L		12/11/24 04:48	12/20/24 17:48	1
1,2,4,5-Tetrachlorobenzene	<0.0960	U H	0.573	0.0960	ug/L		12/11/24 04:48	12/20/24 17:48	1
1,3,5-Trinitrobenzene	<0.119	U H	0.573	0.119	ug/L		12/11/24 04:48	12/20/24 17:48	1
1,3-Dinitrobenzene	<0.0775	U H	0.573	0.0775	ug/L		12/11/24 04:48	12/20/24 17:48	1
1,4-Naphthoquinone	<0.315	U H	0.573	0.315	ug/L		12/11/24 04:48	12/20/24 17:48	1
1-Naphthylamine	<0.149	U H	0.573	0.149	ug/L		12/11/24 04:48	12/20/24 17:48	1
2,6-Dichlorophenol	<0.119	U H	0.573	0.119	ug/L		12/11/24 04:48	12/20/24 17:48	1
2-Acetylaminofluorene	<1.27	U H *+	2.87	1.27	ug/L		12/11/24 04:48	12/20/24 17:48	1
2-Chlorophenol	<0.0758	U H	0.573	0.0758	ug/L		12/11/24 04:48	12/20/24 17:48	1
2-Naphthylamine	<0.289	U H	0.573	0.289	ug/L		12/11/24 04:48	12/20/24 17:48	1
2-Picoline	<0.123	U H	0.573	0.123	ug/L		12/11/24 04:48	12/20/24 17:48	1
2-Toluidine	<0.307	U H	0.573	0.307	ug/L		12/11/24 04:48	12/20/24 17:48	1
3,3'-Dichlorobenzidine	<0.184	U H	0.573	0.184	ug/L		12/11/24 04:48	12/20/24 17:48	1
3,3'-Dimethylbenzidine	<0.142	U H	0.573	0.142	ug/L		12/11/24 04:48	12/20/24 17:48	1
3-Methylcholanthrene	<0.105	U H	0.573	0.105	ug/L		12/11/24 04:48	12/20/24 17:48	1
4-Nitroquinoline-1-oxide	<0.732	U H	1.15	0.732	ug/L		12/11/24 04:48	12/20/24 17:48	1
7,12-Dimethylbenz(a)anthracene	<0.242	U H	0.573	0.242	ug/L		12/11/24 04:48	12/20/24 17:48	1
alpha,alpha-Dimethyl phenethylamine	<3.68	U H *-	5.73	3.68	ug/L		12/11/24 04:48	12/20/24 17:48	1
Aramite Peak 1	<0.0787	U H *+	0.573	0.0787	ug/L		12/11/24 04:48	12/20/24 17:48	1
Aramite Peak 2	<0.0956	U H	0.573	0.0956	ug/L		12/11/24 04:48	12/20/24 17:48	1
Aramite, Total	<0.0956	U H	0.573	0.0956	ug/L		12/11/24 04:48	12/20/24 17:48	1
Diallate	<0.0837	U H	0.573	0.0837	ug/L		12/11/24 04:48	12/20/24 17:48	1
Diallate Peak 1	<0.0837	U H	0.573	0.0837	ug/L		12/11/24 04:48	12/20/24 17:48	1
Diallate Peak 2	<0.0386	U H	0.573	0.0386	ug/L		12/11/24 04:48	12/20/24 17:48	1
Dimethoate	<0.122	U H *+	0.573	0.122	ug/L		12/11/24 04:48	12/20/24 17:48	1
Dinoseb	<0.571	U H	2.87	0.571	ug/L		12/11/24 04:48	12/20/24 17:48	1
Disulfoton	<0.203	U H	0.573	0.203	ug/L		12/11/24 04:48	12/20/24 17:48	1
Ethyl methanesulfonate	<0.227	U H	0.573	0.227	ug/L		12/11/24 04:48	12/20/24 17:48	1
Ethyl Parathion	<0.0503	U H	0.229	0.0503	ug/L		12/11/24 04:48	12/20/24 17:48	1
Famphur	<0.151	U H	1.15	0.151	ug/L		12/11/24 04:48	12/20/24 17:48	1
Hexachloropropene	<0.301	U H	0.573	0.301	ug/L		12/11/24 04:48	12/20/24 17:48	1
Isosafrole	<0.241	U H	0.573	0.241	ug/L		12/11/24 04:48	12/20/24 17:48	1
Isosafrole Peak 1	<0.0465	U H	0.573	0.0465	ug/L		12/11/24 04:48	12/20/24 17:48	1
Isosafrole Peak 2	<0.241	U H	0.573	0.241	ug/L		12/11/24 04:48	12/20/24 17:48	1
Methapyrilene	<1.00	U H	2.29	1.00	ug/L		12/11/24 04:48	12/20/24 17:48	1
Methyl methanesulfonate	<0.120	U H	0.573	0.120	ug/L		12/11/24 04:48	12/20/24 17:48	1
Methyl parathion	<0.320	U H	0.573	0.320	ug/L		12/11/24 04:48	12/20/24 17:48	1
N-Nitrosodiethylamine	<0.540	U H	1.15	0.540	ug/L		12/11/24 04:48	12/20/24 17:48	1
N-Nitrosodimethylamine	<0.100	U H *-	0.573	0.100	ug/L		12/11/24 04:48	12/20/24 17:48	1
N-Nitrosodi-n-butylamine	<0.517	U H	1.15	0.517	ug/L		12/11/24 04:48	12/20/24 17:48	1

Client Sample ID: MW-2

Date Collected: 11/11/24 15:00
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosomethylethylamine	<0.295	U H	0.573	0.295	ug/L		12/11/24 04:48	12/20/24 17:48	1
N-Nitrosomorpholine	<0.221	U H	0.573	0.221	ug/L		12/11/24 04:48	12/20/24 17:48	1
N-Nitrosopyrrolidine	<0.268	U H	0.573	0.268	ug/L		12/11/24 04:48	12/20/24 17:48	1
o,o',o''-Triethylphosphorothioate	<0.139	U H	0.573	0.139	ug/L		12/11/24 04:48	12/20/24 17:48	1
p-Dimethylamino azobenzene	<0.0238	U H	0.573	0.0238	ug/L		12/11/24 04:48	12/20/24 17:48	1
Pentachloronitrobenzene	<0.100	U H	0.573	0.100	ug/L		12/11/24 04:48	12/20/24 17:48	1
Phenacetin	<0.100	U H	0.573	0.100	ug/L		12/11/24 04:48	12/20/24 17:48	1
Phorate	<0.222	U H	0.573	0.222	ug/L		12/11/24 04:48	12/20/24 17:48	1
p-Phenylene diamine	<0.501	U H *-	1.15	0.501	ug/L		12/11/24 04:48	12/20/24 17:48	1
Pronamide	<0.100	U H	0.573	0.100	ug/L		12/11/24 04:48	12/20/24 17:48	1
Safrole, Total	<0.0573	U H	0.573	0.0573	ug/L		12/11/24 04:48	12/20/24 17:48	1
Sulfotepp	<0.147	U H *+	0.573	0.147	ug/L		12/11/24 04:48	12/20/24 17:48	1
Thionazin	<0.209	U H	1.15	0.209	ug/L		12/11/24 04:48	12/20/24 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*35 - 130*	*12/11/24 04:48*	*12/20/24 17:48*	*1*
2-Fluorobiphenyl	*79*		*43 - 130*	*12/11/24 04:48*	*12/20/24 17:48*	*1*
2-Fluorophenol (Surr)	*68*		*19 - 120*	*12/11/24 04:48*	*12/20/24 17:48*	*1*
Nitrobenzene-d5 (Surr)	*84*		*37 - 133*	*12/11/24 04:48*	*12/20/24 17:48*	*1*
Phenol-d5 (Surr)	*45*		*8 - 124*	*12/11/24 04:48*	*12/20/24 17:48*	*1*
p-Terphenyl-d14	*105*		*47 - 130*	*12/11/24 04:48*	*12/20/24 17:48*	*1*

Client Sample ID: MW-10

Date Collected: 11/12/24 13:07
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/15/24 22:20	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/15/24 22:20	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/15/24 22:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/15/24 22:20	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/15/24 22:20	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/15/24 22:20	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/15/24 22:20	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/15/24 22:20	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/15/24 22:20	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/15/24 22:20	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/15/24 22:20	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/15/24 22:20	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/15/24 22:20	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/15/24 22:20	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/15/24 22:20	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/15/24 22:20	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/15/24 22:20	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/15/24 22:20	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/15/24 22:20	1
Acetone	<3.07	U	100	3.07	ug/L			11/15/24 22:20	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/15/24 22:20	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/15/24 22:20	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: MW-10

Date Collected: 11/12/24 13:07
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-5

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/15/24 22:20	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/15/24 22:20	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/15/24 22:20	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/15/24 22:20	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/15/24 22:20	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/15/24 22:20	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/15/24 22:20	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/15/24 22:20	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/15/24 22:20	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/15/24 22:20	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/15/24 22:20	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/15/24 22:20	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/15/24 22:20	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/15/24 22:20	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/15/24 22:20	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/15/24 22:20	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/15/24 22:20	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/15/24 22:20	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/15/24 22:20	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/15/24 22:20	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/15/24 22:20	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/15/24 22:20	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/15/24 22:20	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/15/24 22:20	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/15/24 22:20	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/15/24 22:20	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/15/24 22:20	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/15/24 22:20	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/15/24 22:20	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/15/24 22:20	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/15/24 22:20	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/15/24 22:20	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/15/24 22:20	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/15/24 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*11/15/24 22:20*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*11/15/24 22:20*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 131*		*11/15/24 22:20*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/15/24 22:20*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/19/24 17:21	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/19/24 17:21	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/19/24 17:21	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/19/24 17:21	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/19/24 17:21	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/19/24 17:21	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/19/24 17:21	1

Client Sample ID: MW-10

Date Collected: 11/12/24 13:07
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/19/24 17:21	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/19/24 17:21	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/19/24 17:21	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/19/24 17:21	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/19/24 17:21	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/19/24 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*11/19/24 17:21*	*1*
4-Bromofluorobenzene (Surr)	*93*		*74 - 124*		*11/19/24 17:21*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 131*		*11/19/24 17:21*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/19/24 17:21*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0768	U *-	0.573	0.0768	ug/L		11/15/24 05:06	12/20/24 14:19	1
1,2-Dichlorobenzene	<0.0943	U	0.573	0.0943	ug/L		11/15/24 05:06	12/20/24 14:19	1
1,3-Dichlorobenzene	<0.102	U	0.573	0.102	ug/L		11/15/24 05:06	12/20/24 14:19	1
1,4-Dichlorobenzene	<0.0781	U	0.573	0.0781	ug/L		11/15/24 05:06	12/20/24 14:19	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.87	1.43	ug/L		11/15/24 05:06	12/20/24 14:19	1
2,4,5-Trichlorophenol	<0.144	U	0.573	0.144	ug/L		11/15/24 05:06	12/20/24 14:19	1
2,4,6-Trichlorophenol	<0.231	U	0.573	0.231	ug/L		11/15/24 05:06	12/20/24 14:19	1
2,4-Dichlorophenol	<0.140	U	0.573	0.140	ug/L		11/15/24 05:06	12/20/24 14:19	1
2,4-Dimethylphenol	<0.193	U *+	0.573	0.193	ug/L		11/15/24 05:06	12/20/24 14:19	1
1,4-Dioxane	**0.128**	**J I**	0.573	0.0893	ug/L		11/15/24 05:06	12/20/24 14:19	1
2,4-Dinitrophenol	<0.104	U	2.87	0.104	ug/L		11/15/24 05:06	12/20/24 14:19	1
2,4-Dinitrotoluene	<0.205	U	0.573	0.205	ug/L		11/15/24 05:06	12/20/24 14:19	1
2,6-Dinitrotoluene	<0.117	U	0.573	0.117	ug/L		11/15/24 05:06	12/20/24 14:19	1
2-Chloronaphthalene	<0.379	U	0.573	0.379	ug/L		11/15/24 05:06	12/20/24 14:19	1
2-Methylnaphthalene	<0.0604	U	0.573	0.0604	ug/L		11/15/24 05:06	12/20/24 14:19	1
2-Methylphenol	<0.105	U	0.573	0.105	ug/L		11/15/24 05:06	12/20/24 14:19	1
2-Nitroaniline	<0.149	U	0.573	0.149	ug/L		11/15/24 05:06	12/20/24 14:19	1
2-Nitrophenol	<0.136	U	0.573	0.136	ug/L		11/15/24 05:06	12/20/24 14:19	1
3 & 4 Methylphenol	<0.139	U	0.573	0.139	ug/L		11/15/24 05:06	12/20/24 14:19	1
3-Nitroaniline	<0.0855	U	0.573	0.0855	ug/L		11/15/24 05:06	12/20/24 14:19	1
4,6-Dinitro-2-methylphenol	<0.202	U	1.15	0.202	ug/L		11/15/24 05:06	12/20/24 14:19	1
4-Bromophenyl phenyl ether	<0.101	U	0.573	0.101	ug/L		11/15/24 05:06	12/20/24 14:19	1
4-Chloro-3-methylphenol	<0.104	U	0.573	0.104	ug/L		11/15/24 05:06	12/20/24 14:19	1
4-Chloroaniline	<0.0387	U	0.573	0.0387	ug/L		11/15/24 05:06	12/20/24 14:19	1
4-Chlorophenyl phenyl ether	<0.131	U	0.573	0.131	ug/L		11/15/24 05:06	12/20/24 14:19	1
4-Nitroaniline	<0.109	U	0.573	0.109	ug/L		11/15/24 05:06	12/20/24 14:19	1
Acenaphthene	<0.108	U	0.573	0.108	ug/L		11/15/24 05:06	12/20/24 14:19	1
Acenaphthylene	<0.0999	U	0.573	0.0999	ug/L		11/15/24 05:06	12/20/24 14:19	1
Aniline	<0.0581	U	0.573	0.0581	ug/L		11/15/24 05:06	12/20/24 14:19	1
Anthracene	<0.0941	U	0.573	0.0941	ug/L		11/15/24 05:06	12/20/24 14:19	1
Benzo[a]anthracene	<0.0287	U *+	0.0287	0.0287	ug/L		11/15/24 05:06	12/20/24 14:19	1
Benzo[a]pyrene	<0.0301	U	0.0573	0.0301	ug/L		11/15/24 05:06	12/20/24 14:19	1
Benzo[b]fluoranthene	<0.0666	U	0.573	0.0666	ug/L		11/15/24 05:06	12/20/24 14:19	1
Benzo[g,h,i]perylene	<0.0346	U	0.573	0.0346	ug/L		11/15/24 05:06	12/20/24 14:19	1
Benzo[k]fluoranthene	<0.0474	U	0.573	0.0474	ug/L		11/15/24 05:06	12/20/24 14:19	1

Client Sample ID: MW-10
Lab Sample ID: 860-86945-5
Date Collected: 11/12/24 13:07
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl alcohol	<0.602	U *-	1.15	0.602	ug/L		11/15/24 05:06	12/20/24 14:19	1
Bis(2-chloroethoxy)methane	<0.0977	U	0.573	0.0977	ug/L		11/15/24 05:06	12/20/24 14:19	1
Bis(2-chloroethyl)ether	<0.215	U	0.573	0.215	ug/L		11/15/24 05:06	12/20/24 14:19	1
Bis(2-ethylhexyl) phthalate	<0.903	U	1.15	0.903	ug/L		11/15/24 05:06	12/20/24 14:19	1
Butyl benzyl phthalate	<0.501	U	1.15	0.501	ug/L		11/15/24 05:06	12/20/24 14:19	1
Chrysene	<0.0818	U	0.573	0.0818	ug/L		11/15/24 05:06	12/20/24 14:19	1
Dibenz(a,h)anthracene	<0.0510	U	0.115	0.0510	ug/L		11/15/24 05:06	12/20/24 14:19	1
Dibenzofuran	<0.107	U	0.573	0.107	ug/L		11/15/24 05:06	12/20/24 14:19	1
Diethyl phthalate	<0.155	U *+	1.15	0.155	ug/L		11/15/24 05:06	12/20/24 14:19	1
Dimethyl phthalate	<0.109	U *+	1.15	0.109	ug/L		11/15/24 05:06	12/20/24 14:19	1
Di-n-butyl phthalate	<0.767	U *+	1.15	0.767	ug/L		11/15/24 05:06	12/20/24 14:19	1
Di-n-octyl phthalate	<0.270	U	1.15	0.270	ug/L		11/15/24 05:06	12/20/24 14:19	1
Fluoranthene	<0.0886	U	0.573	0.0886	ug/L		11/15/24 05:06	12/20/24 14:19	1
Fluorene	<0.0951	U	0.573	0.0951	ug/L		11/15/24 05:06	12/20/24 14:19	1
Hexachlorobenzene	<0.0978	U	0.573	0.0978	ug/L		11/15/24 05:06	12/20/24 14:19	1
Hexachlorobutadiene	<0.103	U	0.573	0.103	ug/L		11/15/24 05:06	12/20/24 14:19	1
Hexachlorocyclopentadiene	<0.0513	U	0.573	0.0513	ug/L		11/15/24 05:06	12/20/24 14:19	1
Hexachloroethane	<0.102	U	0.573	0.102	ug/L		11/15/24 05:06	12/20/24 14:19	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.573	0.100	ug/L		11/15/24 05:06	12/20/24 14:19	1
Isophorone	<0.107	U	0.573	0.107	ug/L		11/15/24 05:06	12/20/24 14:19	1
Naphthalene	<0.0947	U	0.573	0.0947	ug/L		11/15/24 05:06	12/20/24 14:19	1
Nitrobenzene	<0.0739	U	0.573	0.0739	ug/L		11/15/24 05:06	12/20/24 14:19	1
N-Nitrosodi-n-propylamine	<0.119	U	0.573	0.119	ug/L		11/15/24 05:06	12/20/24 14:19	1
N-Nitrosodiphenylamine	<0.145	U	0.573	0.145	ug/L		11/15/24 05:06	12/20/24 14:19	1
Pentachlorophenol	<1.04	U	1.15	1.04	ug/L		11/15/24 05:06	12/20/24 14:19	1
Phenanthrene	<0.134	U	0.573	0.134	ug/L		11/15/24 05:06	12/20/24 14:19	1
Phenol	<0.449	U	2.87	0.449	ug/L		11/15/24 05:06	12/20/24 14:19	1
Pyrene	<0.0851	U *+	0.573	0.0851	ug/L		11/15/24 05:06	12/20/24 14:19	1
Pyridine	<1.44	U *1	2.87	1.44	ug/L		11/15/24 05:06	12/20/24 14:19	1
N-Nitro-o-toluidine	<0.522	U	1.15	0.522	ug/L		11/15/24 05:06	12/20/24 14:19	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.573	0.211	ug/L		11/15/24 05:06	12/20/24 14:19	1
Acetophenone	<0.626	U	1.15	0.626	ug/L		11/15/24 05:06	12/20/24 14:19	1
N-Nitrosopiperidine	<0.469	U	1.15	0.469	ug/L		11/15/24 05:06	12/20/24 14:19	1
Pentachlorobenzene	<0.267	U	0.573	0.267	ug/L		11/15/24 05:06	12/20/24 14:19	1
Diphenyl ether	<0.0912	U	0.573	0.0912	ug/L		11/15/24 05:06	12/20/24 14:19	1
1,1'-Biphenyl	<0.0984	U	0.573	0.0984	ug/L		11/15/24 05:06	12/20/24 14:19	1
4-Aminobiphenyl	<0.395	U	0.573	0.395	ug/L		11/15/24 05:06	12/20/24 14:19	1
1,2,4,5-Tetrachlorobenzene	<0.0960	U *-	0.573	0.0960	ug/L		11/15/24 05:06	12/20/24 14:19	1
1,3,5-Trinitrobenzene	<0.119	U	0.573	0.119	ug/L		11/15/24 05:06	12/20/24 14:19	1
1,3-Dinitrobenzene	<0.0775	U	0.573	0.0775	ug/L		11/15/24 05:06	12/20/24 14:19	1
1,4-Naphthoquinone	<0.315	U	0.573	0.315	ug/L		11/15/24 05:06	12/20/24 14:19	1
1-Naphthylamine	<0.149	U	0.573	0.149	ug/L		11/15/24 05:06	12/20/24 14:19	1
2,6-Dichlorophenol	<0.119	U	0.573	0.119	ug/L		11/15/24 05:06	12/20/24 14:19	1
2-Acetylaminofluorene	<1.27	U *+	2.87	1.27	ug/L		11/15/24 05:06	12/20/24 14:19	1
2-Chlorophenol	<0.0758	U	0.573	0.0758	ug/L		11/15/24 05:06	12/20/24 14:19	1
2-Naphthylamine	<0.289	U	0.573	0.289	ug/L		11/15/24 05:06	12/20/24 14:19	1
2-Picoline	<0.123	U *- *1	0.573	0.123	ug/L		11/15/24 05:06	12/20/24 14:19	1
2-Toluidine	<0.307	U	0.573	0.307	ug/L		11/15/24 05:06	12/20/24 14:19	1
3,3'-Dichlorobenzidine	<0.184	U	0.573	0.184	ug/L		11/15/24 05:06	12/20/24 14:19	1

Client Sample ID: MW-10
Lab Sample ID: 860-86945-5
Date Collected: 11/12/24 13:07
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dimethylbenzidine	<0.142	U	0.573	0.142	ug/L		11/15/24 05:06	12/20/24 14:19	1
3-Methylcholanthrene	<0.105	U	0.573	0.105	ug/L		11/15/24 05:06	12/20/24 14:19	1
4-Nitroquinoline-1-oxide	<0.732	U	1.15	0.732	ug/L		11/15/24 05:06	12/20/24 14:19	1
7,12-Dimethylbenz(a)anthracene	<0.242	U	0.573	0.242	ug/L		11/15/24 05:06	12/20/24 14:19	1
alpha,alpha-Dimethyl phenethylamine	<3.68	U *- *1	5.73	3.68	ug/L		11/15/24 05:06	12/20/24 14:19	1
Aramite Peak 1	<0.0787	U	0.573	0.0787	ug/L		11/15/24 05:06	12/20/24 14:19	1
Aramite Peak 2	<0.0956	U	0.573	0.0956	ug/L		11/15/24 05:06	12/20/24 14:19	1
Aramite, Total	<0.0956	U	0.573	0.0956	ug/L		11/15/24 05:06	12/20/24 14:19	1
Diallate	<0.0837	U	0.573	0.0837	ug/L		11/15/24 05:06	12/20/24 14:19	1
Diallate Peak 1	<0.0837	U	0.573	0.0837	ug/L		11/15/24 05:06	12/20/24 14:19	1
Diallate Peak 2	<0.0386	U	0.573	0.0386	ug/L		11/15/24 05:06	12/20/24 14:19	1
Dimethoate	<0.122	U *+	0.573	0.122	ug/L		11/15/24 05:06	12/20/24 14:19	1
Dinoseb	<0.571	U *+	2.87	0.571	ug/L		11/15/24 05:06	12/20/24 14:19	1
Disulfoton	<0.203	U *+	0.573	0.203	ug/L		11/15/24 05:06	12/20/24 14:19	1
Ethyl methanesulfonate	<0.227	U	0.573	0.227	ug/L		11/15/24 05:06	12/20/24 14:19	1
Ethyl Parathion	<0.0503	U *+	0.229	0.0503	ug/L		11/15/24 05:06	12/20/24 14:19	1
Famphur	<0.151	U *+	1.15	0.151	ug/L		11/15/24 05:06	12/20/24 14:19	1
Hexachloropropene	<0.301	U *-	0.573	0.301	ug/L		11/15/24 05:06	12/20/24 14:19	1
Isosafrole	<0.241	U	0.573	0.241	ug/L		11/15/24 05:06	12/20/24 14:19	1
Isosafrole Peak 1	<0.0465	U	0.573	0.0465	ug/L		11/15/24 05:06	12/20/24 14:19	1
Isosafrole Peak 2	<0.241	U	0.573	0.241	ug/L		11/15/24 05:06	12/20/24 14:19	1
Methapyrilene	<1.00	U *+	2.29	1.00	ug/L		11/15/24 05:06	12/20/24 14:19	1
Methyl methanesulfonate	<0.120	U	0.573	0.120	ug/L		11/15/24 05:06	12/20/24 14:19	1
Methyl parathion	<0.320	U *+	0.573	0.320	ug/L		11/15/24 05:06	12/20/24 14:19	1
N-Nitrosodiethylamine	<0.540	U	1.15	0.540	ug/L		11/15/24 05:06	12/20/24 14:19	1
N-Nitrosodimethylamine	<0.100	U *-	0.573	0.100	ug/L		11/15/24 05:06	12/20/24 14:19	1
N-Nitrosodi-n-butylamine	<0.517	U	1.15	0.517	ug/L		11/15/24 05:06	12/20/24 14:19	1
N-Nitrosomethylethylamine	<0.295	U	0.573	0.295	ug/L		11/15/24 05:06	12/20/24 14:19	1
N-Nitrosomorpholine	<0.221	U	0.573	0.221	ug/L		11/15/24 05:06	12/20/24 14:19	1
N-Nitrosopyrrolidine	<0.268	U *-	0.573	0.268	ug/L		11/15/24 05:06	12/20/24 14:19	1
o,o',o''-Triethylphosphorothioate	<0.139	U *+	0.573	0.139	ug/L		11/15/24 05:06	12/20/24 14:19	1
p-Dimethylamino azobenzene	<0.0238	U	0.573	0.0238	ug/L		11/15/24 05:06	12/20/24 14:19	1
Pentachloronitrobenzene	<0.100	U *+	0.573	0.100	ug/L		11/15/24 05:06	12/20/24 14:19	1
Phenacetin	<0.100	U	0.573	0.100	ug/L		11/15/24 05:06	12/20/24 14:19	1
Phorate	<0.222	U *+	0.573	0.222	ug/L		11/15/24 05:06	12/20/24 14:19	1
p-Phenylene diamine	<0.501	U *- *1	1.15	0.501	ug/L		11/15/24 05:06	12/20/24 14:19	1
Pronamide	<0.100	U *+	0.573	0.100	ug/L		11/15/24 05:06	12/20/24 14:19	1
Safrole, Total	<0.0573	U	0.573	0.0573	ug/L		11/15/24 05:06	12/20/24 14:19	1
Sulfotepp	<0.147	U *+	0.573	0.147	ug/L		11/15/24 05:06	12/20/24 14:19	1
Thionazin	<0.209	U *+	1.15	0.209	ug/L		11/15/24 05:06	12/20/24 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*113*		*35 - 130*	*11/15/24 05:06*	*12/20/24 14:19*	*1*
2-Fluorobiphenyl	*115*		*43 - 130*	*11/15/24 05:06*	*12/20/24 14:19*	*1*
2-Fluorophenol (Surr)	*67*		*19 - 120*	*11/15/24 05:06*	*12/20/24 14:19*	*1*
Nitrobenzene-d5 (Surr)	*122*		*37 - 133*	*11/15/24 05:06*	*12/20/24 14:19*	*1*
Phenol-d5 (Surr)	*43*		*8 - 124*	*11/15/24 05:06*	*12/20/24 14:19*	*1*
p-Terphenyl-d14	*112*		*47 - 130*	*11/15/24 05:06*	*12/20/24 14:19*	*1*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: MW-10

Date Collected: 11/12/24 13:07
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-5

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U H	0.571	0.0766	ug/L		12/11/24 04:54	12/22/24 03:45	1
1,2-Dichlorobenzene	<0.0941	U H	0.571	0.0941	ug/L		12/11/24 04:54	12/22/24 03:45	1
1,3-Dichlorobenzene	<0.102	U H	0.571	0.102	ug/L		12/11/24 04:54	12/22/24 03:45	1
1,4-Dichlorobenzene	<0.0779	U H	0.571	0.0779	ug/L		12/11/24 04:54	12/22/24 03:45	1
2,2'-oxybis[1-chloropropane]	<1.43	U H	2.86	1.43	ug/L		12/11/24 04:54	12/22/24 03:45	1
2,4,5-Trichlorophenol	<0.143	U H	0.571	0.143	ug/L		12/11/24 04:54	12/22/24 03:45	1
2,4,6-Trichlorophenol	<0.231	U H	0.571	0.231	ug/L		12/11/24 04:54	12/22/24 03:45	1
2,4-Dichlorophenol	<0.140	U H	0.571	0.140	ug/L		12/11/24 04:54	12/22/24 03:45	1
2,4-Dimethylphenol	<0.192	U *+ H	0.571	0.192	ug/L		12/11/24 04:54	12/22/24 03:45	1
1,4-Dioxane	**0.105**	**J H I**	0.571	0.0890	ug/L		12/11/24 04:54	12/22/24 03:45	1
2,4-Dinitrophenol	<0.104	U H	2.86	0.104	ug/L		12/11/24 04:54	12/22/24 03:45	1
2,4-Dinitrotoluene	<0.205	U H	0.571	0.205	ug/L		12/11/24 04:54	12/22/24 03:45	1
2,6-Dinitrotoluene	<0.116	U H	0.571	0.116	ug/L		12/11/24 04:54	12/22/24 03:45	1
2-Chloronaphthalene	<0.378	U H	0.571	0.378	ug/L		12/11/24 04:54	12/22/24 03:45	1
2-Methylnaphthalene	<0.0603	U H	0.571	0.0603	ug/L		12/11/24 04:54	12/22/24 03:45	1
2-Methylphenol	<0.105	U H	0.571	0.105	ug/L		12/11/24 04:54	12/22/24 03:45	1
2-Nitroaniline	<0.149	U H	0.571	0.149	ug/L		12/11/24 04:54	12/22/24 03:45	1
2-Nitrophenol	<0.136	U H	0.571	0.136	ug/L		12/11/24 04:54	12/22/24 03:45	1
3 & 4 Methylphenol	<0.139	U H	0.571	0.139	ug/L		12/11/24 04:54	12/22/24 03:45	1
3-Nitroaniline	<0.0853	U H	0.571	0.0853	ug/L		12/11/24 04:54	12/22/24 03:45	1
4,6-Dinitro-2-methylphenol	<0.201	U H	1.14	0.201	ug/L		12/11/24 04:54	12/22/24 03:45	1
4-Bromophenyl phenyl ether	<0.100	U H	0.571	0.100	ug/L		12/11/24 04:54	12/22/24 03:45	1
4-Chloro-3-methylphenol	<0.104	U H	0.571	0.104	ug/L		12/11/24 04:54	12/22/24 03:45	1
4-Chloroaniline	<0.0385	U H	0.571	0.0385	ug/L		12/11/24 04:54	12/22/24 03:45	1
4-Chlorophenyl phenyl ether	<0.130	U H	0.571	0.130	ug/L		12/11/24 04:54	12/22/24 03:45	1
4-Nitroaniline	<0.109	U H	0.571	0.109	ug/L		12/11/24 04:54	12/22/24 03:45	1
Acenaphthene	<0.107	U H	0.571	0.107	ug/L		12/11/24 04:54	12/22/24 03:45	1
Acenaphthylene	<0.0996	U H	0.571	0.0996	ug/L		12/11/24 04:54	12/22/24 03:45	1
Aniline	<0.0580	U H	0.571	0.0580	ug/L		12/11/24 04:54	12/22/24 03:45	1
Anthracene	<0.0938	U *+ H	0.571	0.0938	ug/L		12/11/24 04:54	12/22/24 03:45	1
Benzo[a]anthracene	<0.0286	U *+ H	0.0286	0.0286	ug/L		12/11/24 04:54	12/22/24 03:45	1
Benzo[a]pyrene	<0.0300	U H	0.0571	0.0300	ug/L		12/11/24 04:54	12/22/24 03:45	1
Benzo[b]fluoranthene	<0.0664	U *+ H	0.571	0.0664	ug/L		12/11/24 04:54	12/22/24 03:45	1
Benzo[g,h,i]perylene	<0.0345	U H	0.571	0.0345	ug/L		12/11/24 04:54	12/22/24 03:45	1
Benzo[k]fluoranthene	<0.0473	U H	0.571	0.0473	ug/L		12/11/24 04:54	12/22/24 03:45	1
Benzyl alcohol	<0.600	U H	1.14	0.600	ug/L		12/11/24 04:54	12/22/24 03:45	1
Bis(2-chloroethoxy)methane	<0.0974	U H	0.571	0.0974	ug/L		12/11/24 04:54	12/22/24 03:45	1
Bis(2-chloroethyl)ether	<0.214	U H	0.571	0.214	ug/L		12/11/24 04:54	12/22/24 03:45	1
Bis(2-ethylhexyl) phthalate	<0.900	U *+ H	1.14	0.900	ug/L		12/11/24 04:54	12/22/24 03:45	1
Butyl benzyl phthalate	<0.500	U H	1.14	0.500	ug/L		12/11/24 04:54	12/22/24 03:45	1
Chrysene	<0.0815	U *+ H	0.571	0.0815	ug/L		12/11/24 04:54	12/22/24 03:45	1
Dibenz(a,h)anthracene	<0.0509	U H	0.114	0.0509	ug/L		12/11/24 04:54	12/22/24 03:45	1
Dibenzofuran	<0.107	U H	0.571	0.107	ug/L		12/11/24 04:54	12/22/24 03:45	1
Diethyl phthalate	<0.155	U H	1.14	0.155	ug/L		12/11/24 04:54	12/22/24 03:45	1
Dimethyl phthalate	<0.108	U H	1.14	0.108	ug/L		12/11/24 04:54	12/22/24 03:45	1
Di-n-butyl phthalate	<0.765	U H	1.14	0.765	ug/L		12/11/24 04:54	12/22/24 03:45	1
Di-n-octyl phthalate	<0.269	U H	1.14	0.269	ug/L		12/11/24 04:54	12/22/24 03:45	1
Fluoranthene	<0.0883	U H	0.571	0.0883	ug/L		12/11/24 04:54	12/22/24 03:45	1
Fluorene	<0.0948	U H	0.571	0.0948	ug/L		12/11/24 04:54	12/22/24 03:45	1

Client Sample ID: MW-10
Lab Sample ID: 860-86945-5
Date Collected: 11/12/24 13:07
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	<0.0975	U H	0.571	0.0975	ug/L		12/11/24 04:54	12/22/24 03:45	1
Hexachlorobutadiene	<0.103	U H	0.571	0.103	ug/L		12/11/24 04:54	12/22/24 03:45	1
Hexachlorocyclopentadiene	<0.0512	U *+ H	0.571	0.0512	ug/L		12/11/24 04:54	12/22/24 03:45	1
Hexachloroethane	<0.102	U H	0.571	0.102	ug/L		12/11/24 04:54	12/22/24 03:45	1
Indeno[1,2,3-cd]pyrene	<0.100	U H	0.571	0.100	ug/L		12/11/24 04:54	12/22/24 03:45	1
Isophorone	<0.107	U H	0.571	0.107	ug/L		12/11/24 04:54	12/22/24 03:45	1
Naphthalene	<0.0944	U H	0.571	0.0944	ug/L		12/11/24 04:54	12/22/24 03:45	1
Nitrobenzene	<0.0736	U H	0.571	0.0736	ug/L		12/11/24 04:54	12/22/24 03:45	1
N-Nitrosodi-n-propylamine	<0.119	U H	0.571	0.119	ug/L		12/11/24 04:54	12/22/24 03:45	1
N-Nitrosodiphenylamine	<0.145	U H	0.571	0.145	ug/L		12/11/24 04:54	12/22/24 03:45	1
Pentachlorophenol	<1.04	U H	1.14	1.04	ug/L		12/11/24 04:54	12/22/24 03:45	1
Phenanthrene	<0.134	U *+ H	0.571	0.134	ug/L		12/11/24 04:54	12/22/24 03:45	1
Phenol	<0.448	U H	2.86	0.448	ug/L		12/11/24 04:54	12/22/24 03:45	1
Pyrene	<0.0849	U H	0.571	0.0849	ug/L		12/11/24 04:54	12/22/24 03:45	1
Pyridine	<1.44	U H *1	2.86	1.44	ug/L		12/11/24 04:54	12/22/24 03:45	1
N-Nitro-o-toluidine	<0.520	U H *1	1.14	0.520	ug/L		12/11/24 04:54	12/22/24 03:45	1
2,3,4,6-Tetrachlorophenol	<0.211	U *+ H	0.571	0.211	ug/L		12/11/24 04:54	12/22/24 03:45	1
Acetophenone	<0.624	U H	1.14	0.624	ug/L		12/11/24 04:54	12/22/24 03:45	1
N-Nitrosopiperidine	<0.467	U H *1	1.14	0.467	ug/L		12/11/24 04:54	12/22/24 03:45	1
Pentachlorobenzene	<0.266	U H	0.571	0.266	ug/L		12/11/24 04:54	12/22/24 03:45	1
Diphenyl ether	<0.0910	U H	0.571	0.0910	ug/L		12/11/24 04:54	12/22/24 03:45	1
1,1'-Biphenyl	<0.0981	U H	0.571	0.0981	ug/L		12/11/24 04:54	12/22/24 03:45	1
4-Aminobiphenyl	<0.394	U H *1	0.571	0.394	ug/L		12/11/24 04:54	12/22/24 03:45	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U H	0.571	0.0957	ug/L		12/11/24 04:54	12/22/24 03:45	1
1,3,5-Trinitrobenzene	<0.119	U H *1	0.571	0.119	ug/L		12/11/24 04:54	12/22/24 03:45	1
1,3-Dinitrobenzene	<0.0773	U H	0.571	0.0773	ug/L		12/11/24 04:54	12/22/24 03:45	1
1,4-Naphthoquinone	<0.314	U H	0.571	0.314	ug/L		12/11/24 04:54	12/22/24 03:45	1
1-Naphthylamine	<0.149	U H *1	0.571	0.149	ug/L		12/11/24 04:54	12/22/24 03:45	1
2,6-Dichlorophenol	<0.118	U H	0.571	0.118	ug/L		12/11/24 04:54	12/22/24 03:45	1
2-Acetylaminofluorene	<1.26	U *+ H *1	2.86	1.26	ug/L		12/11/24 04:54	12/22/24 03:45	1
2-Chlorophenol	<0.0756	U H	0.571	0.0756	ug/L		12/11/24 04:54	12/22/24 03:45	1
2-Naphthylamine	<0.288	U H *1	0.571	0.288	ug/L		12/11/24 04:54	12/22/24 03:45	1
2-Picoline	<0.123	U H *1	0.571	0.123	ug/L		12/11/24 04:54	12/22/24 03:45	1
2-Toluidine	<0.306	U H *1	0.571	0.306	ug/L		12/11/24 04:54	12/22/24 03:45	1
3,3'-Dichlorobenzidine	<0.183	U H	0.571	0.183	ug/L		12/11/24 04:54	12/22/24 03:45	1
3,3'-Dimethylbenzidine	<0.142	U H *1	0.571	0.142	ug/L		12/11/24 04:54	12/22/24 03:45	1
3-Methylcholanthrene	<0.104	U H	0.571	0.104	ug/L		12/11/24 04:54	12/22/24 03:45	1
4-Nitroquinoline-1-oxide	<0.730	U H *1	1.14	0.730	ug/L		12/11/24 04:54	12/22/24 03:45	1
7,12-Dimethylbenz(a)anthracene	<0.241	U H	0.571	0.241	ug/L		12/11/24 04:54	12/22/24 03:45	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U H *-	5.71	3.67	ug/L		12/11/24 04:54	12/22/24 03:45	1
Aramite Peak 1	<0.0785	U *+ H	0.571	0.0785	ug/L		12/11/24 04:54	12/22/24 03:45	1
Aramite Peak 2	<0.0954	U H	0.571	0.0954	ug/L		12/11/24 04:54	12/22/24 03:45	1
Aramite, Total	<0.0954	U H	0.571	0.0954	ug/L		12/11/24 04:54	12/22/24 03:45	1
Diallate	<0.0835	U H	0.571	0.0835	ug/L		12/11/24 04:54	12/22/24 03:45	1
Diallate Peak 1	<0.0835	U H	0.571	0.0835	ug/L		12/11/24 04:54	12/22/24 03:45	1
Diallate Peak 2	<0.0385	U H	0.571	0.0385	ug/L		12/11/24 04:54	12/22/24 03:45	1
Dimethoate	<0.122	U H *+	0.571	0.122	ug/L		12/11/24 04:54	12/22/24 03:45	1
Dinoseb	<0.570	U H	2.86	0.570	ug/L		12/11/24 04:54	12/22/24 03:45	1
Disulfoton	<0.203	U H	0.571	0.203	ug/L		12/11/24 04:54	12/22/24 03:45	1

Client Sample ID: MW-10
Lab Sample ID: 860-86945-5
Date Collected: 11/12/24 13:07
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl methanesulfonate	<0.227	U H	0.571	0.227	ug/L		12/11/24 04:54	12/22/24 03:45	1
Ethyl Parathion	<0.0502	U H	0.229	0.0502	ug/L		12/11/24 04:54	12/22/24 03:45	1
Famphur	<0.151	U H	1.14	0.151	ug/L		12/11/24 04:54	12/22/24 03:45	1
Hexachloropropene	<0.300	U H	0.571	0.300	ug/L		12/11/24 04:54	12/22/24 03:45	1
Isosafrole	<0.241	U H	0.571	0.241	ug/L		12/11/24 04:54	12/22/24 03:45	1
Isosafrole Peak 1	<0.0463	U H	0.571	0.0463	ug/L		12/11/24 04:54	12/22/24 03:45	1
Isosafrole Peak 2	<0.241	U H	0.571	0.241	ug/L		12/11/24 04:54	12/22/24 03:45	1
Methapyrilene	<1.00	U H	2.29	1.00	ug/L		12/11/24 04:54	12/22/24 03:45	1
Methyl methanesulfonate	<0.120	U H	0.571	0.120	ug/L		12/11/24 04:54	12/22/24 03:45	1
Methyl parathion	<0.319	U H	0.571	0.319	ug/L		12/11/24 04:54	12/22/24 03:45	1
N-Nitrosodiethylamine	<0.538	U H *1	1.14	0.538	ug/L		12/11/24 04:54	12/22/24 03:45	1
N-Nitrosodimethylamine	<0.100	U H *-	0.571	0.100	ug/L		12/11/24 04:54	12/22/24 03:45	1
N-Nitrosodi-n-butylamine	<0.516	U H *1	1.14	0.516	ug/L		12/11/24 04:54	12/22/24 03:45	1
N-Nitrosomethylethylamine	<0.294	U H *1	0.571	0.294	ug/L		12/11/24 04:54	12/22/24 03:45	1
N-Nitrosomorpholine	<0.220	U H *1	0.571	0.220	ug/L		12/11/24 04:54	12/22/24 03:45	1
N-Nitrosopyrrolidine	<0.268	U H *1	0.571	0.268	ug/L		12/11/24 04:54	12/22/24 03:45	1
o,o',o''-Triethylphosphorothioate	<0.138	U H	0.571	0.138	ug/L		12/11/24 04:54	12/22/24 03:45	1
p-Dimethylamino azobenzene	<0.0238	U H *1	0.571	0.0238	ug/L		12/11/24 04:54	12/22/24 03:45	1
Pentachloronitrobenzene	<0.100	U H *1	0.571	0.100	ug/L		12/11/24 04:54	12/22/24 03:45	1
Phenacetin	<0.100	U H *1	0.571	0.100	ug/L		12/11/24 04:54	12/22/24 03:45	1
Phorate	<0.221	U H	0.571	0.221	ug/L		12/11/24 04:54	12/22/24 03:45	1
p-Phenylene diamine	<0.500	U H *-	1.14	0.500	ug/L		12/11/24 04:54	12/22/24 03:45	1
Pronamide	<0.100	U H *1	0.571	0.100	ug/L		12/11/24 04:54	12/22/24 03:45	1
Safrole, Total	<0.0571	U H	0.571	0.0571	ug/L		12/11/24 04:54	12/22/24 03:45	1
Sulfotepp	<0.147	U H *+	0.571	0.147	ug/L		12/11/24 04:54	12/22/24 03:45	1
Thionazin	<0.208	U H	1.14	0.208	ug/L		12/11/24 04:54	12/22/24 03:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*35 - 130*	*12/11/24 04:54*	*12/22/24 03:45*	*1*
2-Fluorobiphenyl	*92*		*43 - 130*	*12/11/24 04:54*	*12/22/24 03:45*	*1*
2-Fluorophenol (Surr)	*62*		*19 - 120*	*12/11/24 04:54*	*12/22/24 03:45*	*1*
Nitrobenzene-d5 (Surr)	*91*		*37 - 133*	*12/11/24 04:54*	*12/22/24 03:45*	*1*
Phenol-d5 (Surr)	*38*		*8 - 124*	*12/11/24 04:54*	*12/22/24 03:45*	*1*
p-Terphenyl-d14	*55*		*47 - 130*	*12/11/24 04:54*	*12/22/24 03:45*	*1*

Client Sample ID: RB-01
Lab Sample ID: 860-86945-6
Date Collected: 11/12/24 13:20
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/15/24 20:25	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/15/24 20:25	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/15/24 20:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/15/24 20:25	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/15/24 20:25	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/15/24 20:25	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/15/24 20:25	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/15/24 20:25	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/15/24 20:25	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: RB-01
Date Collected: 11/12/24 13:20
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/15/24 20:25	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/15/24 20:25	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/15/24 20:25	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/15/24 20:25	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/15/24 20:25	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/15/24 20:25	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/15/24 20:25	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/15/24 20:25	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/15/24 20:25	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/15/24 20:25	1
Acetone	<3.07	U	100	3.07	ug/L			11/15/24 20:25	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/15/24 20:25	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/15/24 20:25	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/15/24 20:25	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/15/24 20:25	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/15/24 20:25	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/15/24 20:25	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/15/24 20:25	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/15/24 20:25	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/15/24 20:25	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/15/24 20:25	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/15/24 20:25	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/15/24 20:25	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/15/24 20:25	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/15/24 20:25	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/15/24 20:25	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/15/24 20:25	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/15/24 20:25	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/15/24 20:25	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/15/24 20:25	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/15/24 20:25	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/15/24 20:25	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/15/24 20:25	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/15/24 20:25	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/15/24 20:25	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/15/24 20:25	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/15/24 20:25	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/15/24 20:25	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/15/24 20:25	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/15/24 20:25	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/15/24 20:25	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/15/24 20:25	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/15/24 20:25	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/15/24 20:25	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/15/24 20:25	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/15/24 20:25	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/15/24 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*		*11/15/24 20:25*	*1*

Client Sample ID: RB-01

Date Collected: 11/12/24 13:20
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-6

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*11/15/24 20:25*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/15/24 20:25*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/15/24 20:25*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/19/24 17:40	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/19/24 17:40	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/19/24 17:40	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/19/24 17:40	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/19/24 17:40	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/19/24 17:40	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/19/24 17:40	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/19/24 17:40	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/19/24 17:40	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/19/24 17:40	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/19/24 17:40	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/19/24 17:40	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/19/24 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*11/19/24 17:40*	*1*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*11/19/24 17:40*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 131*		*11/19/24 17:40*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*11/19/24 17:40*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0765	U *-	0.571	0.0765	ug/L		11/15/24 05:06	12/20/24 14:49	1
1,2-Dichlorobenzene	<0.0939	U	0.571	0.0939	ug/L		11/15/24 05:06	12/20/24 14:49	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/15/24 05:06	12/20/24 14:49	1
1,4-Dichlorobenzene	<0.0778	U	0.571	0.0778	ug/L		11/15/24 05:06	12/20/24 14:49	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.85	1.43	ug/L		11/15/24 05:06	12/20/24 14:49	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/15/24 05:06	12/20/24 14:49	1
2,4,6-Trichlorophenol	<0.230	U	0.571	0.230	ug/L		11/15/24 05:06	12/20/24 14:49	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/15/24 05:06	12/20/24 14:49	1
2,4-Dimethylphenol	<0.192	U *+	0.571	0.192	ug/L		11/15/24 05:06	12/20/24 14:49	1
1,4-Dioxane	<0.0889	U	0.571	0.0889	ug/L		11/15/24 05:06	12/20/24 14:49	1
2,4-Dinitrophenol	<0.104	U	2.85	0.104	ug/L		11/15/24 05:06	12/20/24 14:49	1
2,4-Dinitrotoluene	<0.204	U	0.571	0.204	ug/L		11/15/24 05:06	12/20/24 14:49	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/15/24 05:06	12/20/24 14:49	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/15/24 05:06	12/20/24 14:49	1
2-Methylnaphthalene	<0.0602	U	0.571	0.0602	ug/L		11/15/24 05:06	12/20/24 14:49	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/15/24 05:06	12/20/24 14:49	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/15/24 05:06	12/20/24 14:49	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/15/24 05:06	12/20/24 14:49	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/15/24 05:06	12/20/24 14:49	1
3-Nitroaniline	<0.0851	U	0.571	0.0851	ug/L		11/15/24 05:06	12/20/24 14:49	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/15/24 05:06	12/20/24 14:49	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/15/24 05:06	12/20/24 14:49	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: RB-01
Date Collected: 11/12/24 13:20
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	<0.103	U	0.571	0.103	ug/L		11/15/24 05:06	12/20/24 14:49	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/15/24 05:06	12/20/24 14:49	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/15/24 05:06	12/20/24 14:49	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/15/24 05:06	12/20/24 14:49	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/15/24 05:06	12/20/24 14:49	1
Acenaphthylene	<0.0995	U	0.571	0.0995	ug/L		11/15/24 05:06	12/20/24 14:49	1
Aniline	<0.0579	U	0.571	0.0579	ug/L		11/15/24 05:06	12/20/24 14:49	1
Anthracene	<0.0937	U	0.571	0.0937	ug/L		11/15/24 05:06	12/20/24 14:49	1
Benzo[a]anthracene	<0.0285	U *+	0.0285	0.0285	ug/L		11/15/24 05:06	12/20/24 14:49	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/15/24 05:06	12/20/24 14:49	1
Benzo[b]fluoranthene	<0.0663	U	0.571	0.0663	ug/L		11/15/24 05:06	12/20/24 14:49	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/15/24 05:06	12/20/24 14:49	1
Benzo[k]fluoranthene	<0.0472	U	0.571	0.0472	ug/L		11/15/24 05:06	12/20/24 14:49	1
Benzyl alcohol	<0.599	U *-	1.14	0.599	ug/L		11/15/24 05:06	12/20/24 14:49	1
Bis(2-chloroethoxy)methane	<0.0973	U	0.571	0.0973	ug/L		11/15/24 05:06	12/20/24 14:49	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/15/24 05:06	12/20/24 14:49	1
Bis(2-ethylhexyl) phthalate	<0.899	U	1.14	0.899	ug/L		11/15/24 05:06	12/20/24 14:49	1
Butyl benzyl phthalate	<0.499	U	1.14	0.499	ug/L		11/15/24 05:06	12/20/24 14:49	1
Chrysene	<0.0814	U	0.571	0.0814	ug/L		11/15/24 05:06	12/20/24 14:49	1
Dibenz(a,h)anthracene	<0.0508	U	0.114	0.0508	ug/L		11/15/24 05:06	12/20/24 14:49	1
Dibenzofuran	<0.106	U	0.571	0.106	ug/L		11/15/24 05:06	12/20/24 14:49	1
Diethyl phthalate	<0.154	U *+	1.14	0.154	ug/L		11/15/24 05:06	12/20/24 14:49	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/15/24 05:06	12/20/24 14:49	1
Di-n-butyl phthalate	<0.764	U *+	1.14	0.764	ug/L		11/15/24 05:06	12/20/24 14:49	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/15/24 05:06	12/20/24 14:49	1
Fluoranthene	<0.0882	U	0.571	0.0882	ug/L		11/15/24 05:06	12/20/24 14:49	1
Fluorene	<0.0947	U	0.571	0.0947	ug/L		11/15/24 05:06	12/20/24 14:49	1
Hexachlorobenzene	<0.0973	U	0.571	0.0973	ug/L		11/15/24 05:06	12/20/24 14:49	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/15/24 05:06	12/20/24 14:49	1
Hexachlorocyclopentadiene	<0.0511	U	0.571	0.0511	ug/L		11/15/24 05:06	12/20/24 14:49	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/15/24 05:06	12/20/24 14:49	1
Indeno[1,2,3-cd]pyrene	<0.0999	U	0.571	0.0999	ug/L		11/15/24 05:06	12/20/24 14:49	1
Isophorone	<0.106	U	0.571	0.106	ug/L		11/15/24 05:06	12/20/24 14:49	1
Naphthalene	<0.0943	U	0.571	0.0943	ug/L		11/15/24 05:06	12/20/24 14:49	1
Nitrobenzene	<0.0735	U	0.571	0.0735	ug/L		11/15/24 05:06	12/20/24 14:49	1
N-Nitrosodi-n-propylamine	<0.118	U	0.571	0.118	ug/L		11/15/24 05:06	12/20/24 14:49	1
N-Nitrosodiphenylamine	<0.144	U	0.571	0.144	ug/L		11/15/24 05:06	12/20/24 14:49	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/15/24 05:06	12/20/24 14:49	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/15/24 05:06	12/20/24 14:49	1
Phenol	<0.447	U	2.85	0.447	ug/L		11/15/24 05:06	12/20/24 14:49	1
Pyrene	<0.0847	U *+	0.571	0.0847	ug/L		11/15/24 05:06	12/20/24 14:49	1
Pyridine	<1.44	U *1	2.85	1.44	ug/L		11/15/24 05:06	12/20/24 14:49	1
N-Nitro-o-toluidine	<0.519	U	1.14	0.519	ug/L		11/15/24 05:06	12/20/24 14:49	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.571	0.210	ug/L		11/15/24 05:06	12/20/24 14:49	1
Acetophenone	<0.623	U	1.14	0.623	ug/L		11/15/24 05:06	12/20/24 14:49	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/15/24 05:06	12/20/24 14:49	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/15/24 05:06	12/20/24 14:49	1
Diphenyl ether	<0.0909	U	0.571	0.0909	ug/L		11/15/24 05:06	12/20/24 14:49	1
1,1'-Biphenyl	<0.0980	U	0.571	0.0980	ug/L		11/15/24 05:06	12/20/24 14:49	1

Client Sample ID: RB-01
Date Collected: 11/12/24 13:20
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Aminobiphenyl	<0.393	U	0.571	0.393	ug/L		11/15/24 05:06	12/20/24 14:49	1
1,2,4,5-Tetrachlorobenzene	<0.0956	U *-	0.571	0.0956	ug/L		11/15/24 05:06	12/20/24 14:49	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/15/24 05:06	12/20/24 14:49	1
1,3-Dinitrobenzene	<0.0772	U	0.571	0.0772	ug/L		11/15/24 05:06	12/20/24 14:49	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/15/24 05:06	12/20/24 14:49	1
1-Naphthylamine	<0.148	U	0.571	0.148	ug/L		11/15/24 05:06	12/20/24 14:49	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/15/24 05:06	12/20/24 14:49	1
2-Acetylaminofluorene	<1.26	U *+	2.85	1.26	ug/L		11/15/24 05:06	12/20/24 14:49	1
2-Chlorophenol	<0.0755	U	0.571	0.0755	ug/L		11/15/24 05:06	12/20/24 14:49	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/15/24 05:06	12/20/24 14:49	1
2-Picoline	<0.123	U *- *1	0.571	0.123	ug/L		11/15/24 05:06	12/20/24 14:49	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/15/24 05:06	12/20/24 14:49	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/15/24 05:06	12/20/24 14:49	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/15/24 05:06	12/20/24 14:49	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/15/24 05:06	12/20/24 14:49	1
4-Nitroquinoline-1-oxide	<0.729	U	1.14	0.729	ug/L		11/15/24 05:06	12/20/24 14:49	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/15/24 05:06	12/20/24 14:49	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U *- *1	5.71	3.67	ug/L		11/15/24 05:06	12/20/24 14:49	1
Aramite Peak 1	<0.0784	U	0.571	0.0784	ug/L		11/15/24 05:06	12/20/24 14:49	1
Aramite Peak 2	<0.0952	U	0.571	0.0952	ug/L		11/15/24 05:06	12/20/24 14:49	1
Aramite, Total	<0.0952	U	0.571	0.0952	ug/L		11/15/24 05:06	12/20/24 14:49	1
Diallate	<0.0834	U	0.571	0.0834	ug/L		11/15/24 05:06	12/20/24 14:49	1
Diallate Peak 1	<0.0834	U	0.571	0.0834	ug/L		11/15/24 05:06	12/20/24 14:49	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/15/24 05:06	12/20/24 14:49	1
Dimethoate	<0.121	U *+	0.571	0.121	ug/L		11/15/24 05:06	12/20/24 14:49	1
Dinoseb	<0.569	U *+	2.85	0.569	ug/L		11/15/24 05:06	12/20/24 14:49	1
Disulfoton	<0.202	U *+	0.571	0.202	ug/L		11/15/24 05:06	12/20/24 14:49	1
Ethyl methanesulfonate	<0.226	U	0.571	0.226	ug/L		11/15/24 05:06	12/20/24 14:49	1
Ethyl Parathion	<0.0501	U *+	0.228	0.0501	ug/L		11/15/24 05:06	12/20/24 14:49	1
Famphur	<0.151	U *+	1.14	0.151	ug/L		11/15/24 05:06	12/20/24 14:49	1
Hexachloropropene	<0.299	U *-	0.571	0.299	ug/L		11/15/24 05:06	12/20/24 14:49	1
Isosafrole	<0.240	U	0.571	0.240	ug/L		11/15/24 05:06	12/20/24 14:49	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/15/24 05:06	12/20/24 14:49	1
Isosafrole Peak 2	<0.240	U	0.571	0.240	ug/L		11/15/24 05:06	12/20/24 14:49	1
Methapyrilene	<0.998	U *+	2.28	0.998	ug/L		11/15/24 05:06	12/20/24 14:49	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/15/24 05:06	12/20/24 14:49	1
Methyl parathion	<0.319	U *+	0.571	0.319	ug/L		11/15/24 05:06	12/20/24 14:49	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/15/24 05:06	12/20/24 14:49	1
N-Nitrosodimethylamine	<0.0999	U *-	0.571	0.0999	ug/L		11/15/24 05:06	12/20/24 14:49	1
N-Nitrosodi-n-butylamine	<0.515	U	1.14	0.515	ug/L		11/15/24 05:06	12/20/24 14:49	1
N-Nitrosomethylethylamine	<0.293	U	0.571	0.293	ug/L		11/15/24 05:06	12/20/24 14:49	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/15/24 05:06	12/20/24 14:49	1
N-Nitrosopyrrolidine	<0.267	U *-	0.571	0.267	ug/L		11/15/24 05:06	12/20/24 14:49	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.571	0.138	ug/L		11/15/24 05:06	12/20/24 14:49	1
p-Dimethylamino azobenzene	<0.0237	U	0.571	0.0237	ug/L		11/15/24 05:06	12/20/24 14:49	1
Pentachloronitrobenzene	<0.0999	U *+	0.571	0.0999	ug/L		11/15/24 05:06	12/20/24 14:49	1
Phenacetin	<0.0999	U	0.571	0.0999	ug/L		11/15/24 05:06	12/20/24 14:49	1
Phorate	<0.221	U *+	0.571	0.221	ug/L		11/15/24 05:06	12/20/24 14:49	1
p-Phenylene diamine	<0.499	U *- *1	1.14	0.499	ug/L		11/15/24 05:06	12/20/24 14:49	1

Client Sample ID: RB-01
Date Collected: 11/12/24 13:20
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pronamide	<0.0999	U *+	0.571	0.0999	ug/L		11/15/24 05:06	12/20/24 14:49	1
Safrole, Total	<0.0570	U	0.571	0.0570	ug/L		11/15/24 05:06	12/20/24 14:49	1
Sulfotepp	<0.146	U *+	0.571	0.146	ug/L		11/15/24 05:06	12/20/24 14:49	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/15/24 05:06	12/20/24 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*35 - 130*	*11/15/24 05:06*	*12/20/24 14:49*	*1*
2-Fluorobiphenyl	*104*		*43 - 130*	*11/15/24 05:06*	*12/20/24 14:49*	*1*
2-Fluorophenol (Surr)	*51*		*19 - 120*	*11/15/24 05:06*	*12/20/24 14:49*	*1*
Nitrobenzene-d5 (Surr)	*113*		*37 - 133*	*11/15/24 05:06*	*12/20/24 14:49*	*1*
Phenol-d5 (Surr)	*41*		*8 - 124*	*11/15/24 05:06*	*12/20/24 14:49*	*1*
p-Terphenyl-d14	*138*	*S1+*	*47 - 130*	*11/15/24 05:06*	*12/20/24 14:49*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0768	U H	0.573	0.0768	ug/L		12/11/24 04:48	12/22/24 04:15	1
1,2-Dichlorobenzene	<0.0943	U H	0.573	0.0943	ug/L		12/11/24 04:48	12/22/24 04:15	1
1,3-Dichlorobenzene	<0.102	U H	0.573	0.102	ug/L		12/11/24 04:48	12/22/24 04:15	1
1,4-Dichlorobenzene	<0.0781	U H	0.573	0.0781	ug/L		12/11/24 04:48	12/22/24 04:15	1
2,2'-oxybis[1-chloropropane]	<1.43	U H	2.87	1.43	ug/L		12/11/24 04:48	12/22/24 04:15	1
2,4,5-Trichlorophenol	<0.144	U H	0.573	0.144	ug/L		12/11/24 04:48	12/22/24 04:15	1
2,4,6-Trichlorophenol	<0.231	U H	0.573	0.231	ug/L		12/11/24 04:48	12/22/24 04:15	1
2,4-Dichlorophenol	<0.140	U H	0.573	0.140	ug/L		12/11/24 04:48	12/22/24 04:15	1
2,4-Dimethylphenol	<0.193	U *+ H	0.573	0.193	ug/L		12/11/24 04:48	12/22/24 04:15	1
1,4-Dioxane	<0.0893	U H	0.573	0.0893	ug/L		12/11/24 04:48	12/22/24 04:15	1
2,4-Dinitrophenol	<0.104	U H	2.87	0.104	ug/L		12/11/24 04:48	12/22/24 04:15	1
2,4-Dinitrotoluene	<0.205	U H	0.573	0.205	ug/L		12/11/24 04:48	12/22/24 04:15	1
2,6-Dinitrotoluene	<0.117	U H	0.573	0.117	ug/L		12/11/24 04:48	12/22/24 04:15	1
2-Chloronaphthalene	<0.379	U H	0.573	0.379	ug/L		12/11/24 04:48	12/22/24 04:15	1
2-Methylnaphthalene	<0.0604	U H	0.573	0.0604	ug/L		12/11/24 04:48	12/22/24 04:15	1
2-Methylphenol	<0.105	U H	0.573	0.105	ug/L		12/11/24 04:48	12/22/24 04:15	1
2-Nitroaniline	<0.149	U H	0.573	0.149	ug/L		12/11/24 04:48	12/22/24 04:15	1
2-Nitrophenol	<0.136	U H	0.573	0.136	ug/L		12/11/24 04:48	12/22/24 04:15	1
3 & 4 Methylphenol	<0.139	U H	0.573	0.139	ug/L		12/11/24 04:48	12/22/24 04:15	1
3-Nitroaniline	<0.0855	U H	0.573	0.0855	ug/L		12/11/24 04:48	12/22/24 04:15	1
4,6-Dinitro-2-methylphenol	<0.202	U H	1.15	0.202	ug/L		12/11/24 04:48	12/22/24 04:15	1
4-Bromophenyl phenyl ether	<0.101	U H	0.573	0.101	ug/L		12/11/24 04:48	12/22/24 04:15	1
4-Chloro-3-methylphenol	<0.104	U H	0.573	0.104	ug/L		12/11/24 04:48	12/22/24 04:15	1
4-Chloroaniline	<0.0387	U H	0.573	0.0387	ug/L		12/11/24 04:48	12/22/24 04:15	1
4-Chlorophenyl phenyl ether	<0.131	U H	0.573	0.131	ug/L		12/11/24 04:48	12/22/24 04:15	1
4-Nitroaniline	<0.109	U H	0.573	0.109	ug/L		12/11/24 04:48	12/22/24 04:15	1
Acenaphthene	<0.108	U H	0.573	0.108	ug/L		12/11/24 04:48	12/22/24 04:15	1
Acenaphthylene	<0.0999	U H	0.573	0.0999	ug/L		12/11/24 04:48	12/22/24 04:15	1
Aniline	<0.0581	U H	0.573	0.0581	ug/L		12/11/24 04:48	12/22/24 04:15	1
Anthracene	<0.0941	U *+ H	0.573	0.0941	ug/L		12/11/24 04:48	12/22/24 04:15	1
Benzo[a]anthracene	<0.0287	U *+ H	0.0287	0.0287	ug/L		12/11/24 04:48	12/22/24 04:15	1
Benzo[a]pyrene	<0.0301	U H	0.0573	0.0301	ug/L		12/11/24 04:48	12/22/24 04:15	1
Benzo[b]fluoranthene	<0.0666	U *+ H	0.573	0.0666	ug/L		12/11/24 04:48	12/22/24 04:15	1
Benzo[g,h,i]perylene	<0.0346	U H	0.573	0.0346	ug/L		12/11/24 04:48	12/22/24 04:15	1
Benzo[k]fluoranthene	<0.0474	U H	0.573	0.0474	ug/L		12/11/24 04:48	12/22/24 04:15	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: RB-01
Date Collected: 11/12/24 13:20
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl alcohol	<0.602	U H	1.15	0.602	ug/L		12/11/24 04:48	12/22/24 04:15	1
Bis(2-chloroethoxy)methane	<0.0977	U H	0.573	0.0977	ug/L		12/11/24 04:48	12/22/24 04:15	1
Bis(2-chloroethyl)ether	<0.215	U H	0.573	0.215	ug/L		12/11/24 04:48	12/22/24 04:15	1
Bis(2-ethylhexyl) phthalate	<0.903	U *+ H	1.15	0.903	ug/L		12/11/24 04:48	12/22/24 04:15	1
Butyl benzyl phthalate	<0.501	U H	1.15	0.501	ug/L		12/11/24 04:48	12/22/24 04:15	1
Chrysene	<0.0818	U *+ H	0.573	0.0818	ug/L		12/11/24 04:48	12/22/24 04:15	1
Dibenz(a,h)anthracene	<0.0510	U H	0.115	0.0510	ug/L		12/11/24 04:48	12/22/24 04:15	1
Dibenzofuran	<0.107	U H	0.573	0.107	ug/L		12/11/24 04:48	12/22/24 04:15	1
Diethyl phthalate	<0.155	U H	1.15	0.155	ug/L		12/11/24 04:48	12/22/24 04:15	1
Dimethyl phthalate	<0.109	U H	1.15	0.109	ug/L		12/11/24 04:48	12/22/24 04:15	1
Di-n-butyl phthalate	<0.767	U H	1.15	0.767	ug/L		12/11/24 04:48	12/22/24 04:15	1
Di-n-octyl phthalate	<0.270	U H	1.15	0.270	ug/L		12/11/24 04:48	12/22/24 04:15	1
Fluoranthene	<0.0886	U H	0.573	0.0886	ug/L		12/11/24 04:48	12/22/24 04:15	1
Fluorene	<0.0951	U H	0.573	0.0951	ug/L		12/11/24 04:48	12/22/24 04:15	1
Hexachlorobenzene	<0.0978	U H	0.573	0.0978	ug/L		12/11/24 04:48	12/22/24 04:15	1
Hexachlorobutadiene	<0.103	U H	0.573	0.103	ug/L		12/11/24 04:48	12/22/24 04:15	1
Hexachlorocyclopentadiene	<0.0513	U *+ H	0.573	0.0513	ug/L		12/11/24 04:48	12/22/24 04:15	1
Hexachloroethane	<0.102	U H	0.573	0.102	ug/L		12/11/24 04:48	12/22/24 04:15	1
Indeno[1,2,3-cd]pyrene	<0.100	U H	0.573	0.100	ug/L		12/11/24 04:48	12/22/24 04:15	1
Isophorone	<0.107	U H	0.573	0.107	ug/L		12/11/24 04:48	12/22/24 04:15	1
Naphthalene	<0.0947	U H	0.573	0.0947	ug/L		12/11/24 04:48	12/22/24 04:15	1
Nitrobenzene	<0.0739	U H	0.573	0.0739	ug/L		12/11/24 04:48	12/22/24 04:15	1
N-Nitrosodi-n-propylamine	<0.119	U H	0.573	0.119	ug/L		12/11/24 04:48	12/22/24 04:15	1
N-Nitrosodiphenylamine	<0.145	U H	0.573	0.145	ug/L		12/11/24 04:48	12/22/24 04:15	1
Pentachlorophenol	<1.04	U H	1.15	1.04	ug/L		12/11/24 04:48	12/22/24 04:15	1
Phenanthrene	<0.134	U *+ H	0.573	0.134	ug/L		12/11/24 04:48	12/22/24 04:15	1
Phenol	<0.449	U H	2.87	0.449	ug/L		12/11/24 04:48	12/22/24 04:15	1
Pyrene	<0.0851	U H	0.573	0.0851	ug/L		12/11/24 04:48	12/22/24 04:15	1
Pyridine	<1.44	U H *1	2.87	1.44	ug/L		12/11/24 04:48	12/22/24 04:15	1
N-Nitro-o-toluidine	<0.522	U H *1	1.15	0.522	ug/L		12/11/24 04:48	12/22/24 04:15	1
2,3,4,6-Tetrachlorophenol	<0.211	U *+ H	0.573	0.211	ug/L		12/11/24 04:48	12/22/24 04:15	1
Acetophenone	<0.626	U H	1.15	0.626	ug/L		12/11/24 04:48	12/22/24 04:15	1
N-Nitrosopiperidine	<0.469	U H *1	1.15	0.469	ug/L		12/11/24 04:48	12/22/24 04:15	1
Pentachlorobenzene	<0.267	U H	0.573	0.267	ug/L		12/11/24 04:48	12/22/24 04:15	1
Diphenyl ether	<0.0912	U H	0.573	0.0912	ug/L		12/11/24 04:48	12/22/24 04:15	1
1,1'-Biphenyl	<0.0984	U H	0.573	0.0984	ug/L		12/11/24 04:48	12/22/24 04:15	1
4-Aminobiphenyl	<0.395	U H *1	0.573	0.395	ug/L		12/11/24 04:48	12/22/24 04:15	1
1,2,4,5-Tetrachlorobenzene	<0.0960	U H	0.573	0.0960	ug/L		12/11/24 04:48	12/22/24 04:15	1
1,3,5-Trinitrobenzene	<0.119	U H *1	0.573	0.119	ug/L		12/11/24 04:48	12/22/24 04:15	1
1,3-Dinitrobenzene	<0.0775	U H	0.573	0.0775	ug/L		12/11/24 04:48	12/22/24 04:15	1
1,4-Naphthoquinone	<0.315	U H	0.573	0.315	ug/L		12/11/24 04:48	12/22/24 04:15	1
1-Naphthylamine	<0.149	U H *1	0.573	0.149	ug/L		12/11/24 04:48	12/22/24 04:15	1
2,6-Dichlorophenol	<0.119	U H	0.573	0.119	ug/L		12/11/24 04:48	12/22/24 04:15	1
2-Acetylaminofluorene	<1.27	U *+ H *1	2.87	1.27	ug/L		12/11/24 04:48	12/22/24 04:15	1
2-Chlorophenol	<0.0758	U H	0.573	0.0758	ug/L		12/11/24 04:48	12/22/24 04:15	1
2-Naphthylamine	<0.289	U H *1	0.573	0.289	ug/L		12/11/24 04:48	12/22/24 04:15	1
2-Picoline	<0.123	U H *1	0.573	0.123	ug/L		12/11/24 04:48	12/22/24 04:15	1
2-Toluidine	<0.307	U H *1	0.573	0.307	ug/L		12/11/24 04:48	12/22/24 04:15	1
3,3'-Dichlorobenzidine	<0.184	U H	0.573	0.184	ug/L		12/11/24 04:48	12/22/24 04:15	1

Client Sample ID: RB-01
Lab Sample ID: 860-86945-6
Date Collected: 11/12/24 13:20
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dimethylbenzidine	<0.142	U H *1	0.573	0.142	ug/L		12/11/24 04:48	12/22/24 04:15	1
3-Methylcholanthrene	<0.105	U H	0.573	0.105	ug/L		12/11/24 04:48	12/22/24 04:15	1
4-Nitroquinoline-1-oxide	<0.732	U H *1	1.15	0.732	ug/L		12/11/24 04:48	12/22/24 04:15	1
7,12-Dimethylbenz(a)anthracene	<0.242	U H	0.573	0.242	ug/L		12/11/24 04:48	12/22/24 04:15	1
alpha,alpha-Dimethyl phenethylamine	<3.68	U H *-	5.73	3.68	ug/L		12/11/24 04:48	12/22/24 04:15	1
Aramite Peak 1	<0.0787	U *+ H	0.573	0.0787	ug/L		12/11/24 04:48	12/22/24 04:15	1
Aramite Peak 2	<0.0956	U H	0.573	0.0956	ug/L		12/11/24 04:48	12/22/24 04:15	1
Aramite, Total	<0.0956	U H	0.573	0.0956	ug/L		12/11/24 04:48	12/22/24 04:15	1
Diallate	<0.0837	U H	0.573	0.0837	ug/L		12/11/24 04:48	12/22/24 04:15	1
Diallate Peak 1	<0.0837	U H	0.573	0.0837	ug/L		12/11/24 04:48	12/22/24 04:15	1
Diallate Peak 2	<0.0386	U H	0.573	0.0386	ug/L		12/11/24 04:48	12/22/24 04:15	1
Dimethoate	<0.122	U H *+	0.573	0.122	ug/L		12/11/24 04:48	12/22/24 04:15	1
Dinoseb	<0.571	U H	2.87	0.571	ug/L		12/11/24 04:48	12/22/24 04:15	1
Disulfoton	<0.203	U H	0.573	0.203	ug/L		12/11/24 04:48	12/22/24 04:15	1
Ethyl methanesulfonate	<0.227	U H	0.573	0.227	ug/L		12/11/24 04:48	12/22/24 04:15	1
Ethyl Parathion	<0.0503	U H	0.229	0.0503	ug/L		12/11/24 04:48	12/22/24 04:15	1
Famphur	<0.151	U H	1.15	0.151	ug/L		12/11/24 04:48	12/22/24 04:15	1
Hexachloropropene	<0.301	U H	0.573	0.301	ug/L		12/11/24 04:48	12/22/24 04:15	1
Isosafrole	<0.241	U H	0.573	0.241	ug/L		12/11/24 04:48	12/22/24 04:15	1
Isosafrole Peak 1	<0.0465	U H	0.573	0.0465	ug/L		12/11/24 04:48	12/22/24 04:15	1
Isosafrole Peak 2	<0.241	U H	0.573	0.241	ug/L		12/11/24 04:48	12/22/24 04:15	1
Methapyrilene	<1.00	U H	2.29	1.00	ug/L		12/11/24 04:48	12/22/24 04:15	1
Methyl methanesulfonate	<0.120	U H	0.573	0.120	ug/L		12/11/24 04:48	12/22/24 04:15	1
Methyl parathion	<0.320	U H	0.573	0.320	ug/L		12/11/24 04:48	12/22/24 04:15	1
N-Nitrosodiethylamine	<0.540	U H *1	1.15	0.540	ug/L		12/11/24 04:48	12/22/24 04:15	1
N-Nitrosodimethylamine	<0.100	U H *-	0.573	0.100	ug/L		12/11/24 04:48	12/22/24 04:15	1
N-Nitrosodi-n-butylamine	<0.517	U H *1	1.15	0.517	ug/L		12/11/24 04:48	12/22/24 04:15	1
N-Nitrosomethylethylamine	<0.295	U H *1	0.573	0.295	ug/L		12/11/24 04:48	12/22/24 04:15	1
N-Nitrosomorpholine	<0.221	U H *1	0.573	0.221	ug/L		12/11/24 04:48	12/22/24 04:15	1
N-Nitrosopyrrolidine	<0.268	U H *1	0.573	0.268	ug/L		12/11/24 04:48	12/22/24 04:15	1
o,o',o''-Triethylphosphorothioate	<0.139	U H	0.573	0.139	ug/L		12/11/24 04:48	12/22/24 04:15	1
p-Dimethylamino azobenzene	<0.0238	U H *1	0.573	0.0238	ug/L		12/11/24 04:48	12/22/24 04:15	1
Pentachloronitrobenzene	<0.100	U H *1	0.573	0.100	ug/L		12/11/24 04:48	12/22/24 04:15	1
Phenacetin	<0.100	U H *1	0.573	0.100	ug/L		12/11/24 04:48	12/22/24 04:15	1
Phorate	<0.222	U H	0.573	0.222	ug/L		12/11/24 04:48	12/22/24 04:15	1
p-Phenylene diamine	<0.501	U H *-	1.15	0.501	ug/L		12/11/24 04:48	12/22/24 04:15	1
Pronamide	<0.100	U H *1	0.573	0.100	ug/L		12/11/24 04:48	12/22/24 04:15	1
Safrole, Total	<0.0573	U H	0.573	0.0573	ug/L		12/11/24 04:48	12/22/24 04:15	1
Sulfotepp	<0.147	U H *+	0.573	0.147	ug/L		12/11/24 04:48	12/22/24 04:15	1
Thionazin	<0.209	U H	1.15	0.209	ug/L		12/11/24 04:48	12/22/24 04:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*35 - 130*	*12/11/24 04:48*	*12/22/24 04:15*	*1*
2-Fluorobiphenyl	*86*		*43 - 130*	*12/11/24 04:48*	*12/22/24 04:15*	*1*
2-Fluorophenol (Surr)	*42*		*19 - 120*	*12/11/24 04:48*	*12/22/24 04:15*	*1*
Nitrobenzene-d5 (Surr)	*89*		*37 - 133*	*12/11/24 04:48*	*12/22/24 04:15*	*1*
Phenol-d5 (Surr)	*36*		*8 - 124*	*12/11/24 04:48*	*12/22/24 04:15*	*1*
p-Terphenyl-d14	*73*		*47 - 130*	*12/11/24 04:48*	*12/22/24 04:15*	*1*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: MW-4

Date Collected: 11/12/24 13:54
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-7

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/15/24 22:43	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/15/24 22:43	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/15/24 22:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/15/24 22:43	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/15/24 22:43	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/15/24 22:43	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/15/24 22:43	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/15/24 22:43	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/15/24 22:43	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/15/24 22:43	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/15/24 22:43	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/15/24 22:43	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/15/24 22:43	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/15/24 22:43	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/15/24 22:43	1
2,2,4-Trimethylpentane	**0.570**	**J**	5.00	0.500	ug/L			11/15/24 22:43	1
2-Propanol	**10.3**		10.0	5.23	ug/L			11/15/24 22:43	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/15/24 22:43	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/15/24 22:43	1
Acetone	<3.07	U	100	3.07	ug/L			11/15/24 22:43	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/15/24 22:43	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/15/24 22:43	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/15/24 22:43	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/15/24 22:43	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/15/24 22:43	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/15/24 22:43	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/15/24 22:43	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/15/24 22:43	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/15/24 22:43	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/15/24 22:43	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/15/24 22:43	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/15/24 22:43	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/15/24 22:43	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/15/24 22:43	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/15/24 22:43	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/15/24 22:43	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/15/24 22:43	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/15/24 22:43	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/15/24 22:43	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/15/24 22:43	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/15/24 22:43	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/15/24 22:43	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/15/24 22:43	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/15/24 22:43	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/15/24 22:43	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/15/24 22:43	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/15/24 22:43	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/15/24 22:43	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/15/24 22:43	1

Client Sample ID: MW-4

Date Collected: 11/12/24 13:54
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-7

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/15/24 22:43	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/15/24 22:43	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/15/24 22:43	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/15/24 22:43	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/15/24 22:43	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/15/24 22:43	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/15/24 22:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*63 - 144*		*11/15/24 22:43*	*1*
4-Bromofluorobenzene (Surr)	*107*		*74 - 124*		*11/15/24 22:43*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*11/15/24 22:43*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/15/24 22:43*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/19/24 18:00	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/19/24 18:00	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/19/24 18:00	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/19/24 18:00	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/19/24 18:00	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/19/24 18:00	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/19/24 18:00	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/19/24 18:00	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/19/24 18:00	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/19/24 18:00	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/19/24 18:00	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/19/24 18:00	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/19/24 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*11/19/24 18:00*	*1*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*11/19/24 18:00*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/19/24 18:00*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/19/24 18:00*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0768	U *-	0.573	0.0768	ug/L		11/15/24 05:06	12/20/24 15:19	1
1,2-Dichlorobenzene	<0.0943	U	0.573	0.0943	ug/L		11/15/24 05:06	12/20/24 15:19	1
1,3-Dichlorobenzene	<0.102	U	0.573	0.102	ug/L		11/15/24 05:06	12/20/24 15:19	1
1,4-Dichlorobenzene	<0.0781	U	0.573	0.0781	ug/L		11/15/24 05:06	12/20/24 15:19	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.87	1.43	ug/L		11/15/24 05:06	12/20/24 15:19	1
2,4,5-Trichlorophenol	<0.144	U	0.573	0.144	ug/L		11/15/24 05:06	12/20/24 15:19	1
2,4,6-Trichlorophenol	<0.231	U	0.573	0.231	ug/L		11/15/24 05:06	12/20/24 15:19	1
2,4-Dichlorophenol	<0.140	U	0.573	0.140	ug/L		11/15/24 05:06	12/20/24 15:19	1
2,4-Dimethylphenol	<0.193	U *+	0.573	0.193	ug/L		11/15/24 05:06	12/20/24 15:19	1
1,4-Dioxane	**11.1**		0.573	0.0893	ug/L		11/15/24 05:06	12/20/24 15:19	1
2,4-Dinitrophenol	<0.104	U	2.87	0.104	ug/L		11/15/24 05:06	12/20/24 15:19	1
2,4-Dinitrotoluene	<0.205	U	0.573	0.205	ug/L		11/15/24 05:06	12/20/24 15:19	1

Client Sample ID: MW-4
Lab Sample ID: 860-86945-7
Date Collected: 11/12/24 13:54
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	<0.117	U	0.573	0.117	ug/L		11/15/24 05:06	12/20/24 15:19	1
2-Chloronaphthalene	<0.379	U	0.573	0.379	ug/L		11/15/24 05:06	12/20/24 15:19	1
2-Methylnaphthalene	<0.0604	U	0.573	0.0604	ug/L		11/15/24 05:06	12/20/24 15:19	1
2-Methylphenol	<0.105	U	0.573	0.105	ug/L		11/15/24 05:06	12/20/24 15:19	1
2-Nitroaniline	<0.149	U	0.573	0.149	ug/L		11/15/24 05:06	12/20/24 15:19	1
2-Nitrophenol	<0.136	U	0.573	0.136	ug/L		11/15/24 05:06	12/20/24 15:19	1
3 & 4 Methylphenol	<0.139	U	0.573	0.139	ug/L		11/15/24 05:06	12/20/24 15:19	1
3-Nitroaniline	<0.0855	U	0.573	0.0855	ug/L		11/15/24 05:06	12/20/24 15:19	1
4,6-Dinitro-2-methylphenol	<0.202	U	1.15	0.202	ug/L		11/15/24 05:06	12/20/24 15:19	1
4-Bromophenyl phenyl ether	<0.101	U	0.573	0.101	ug/L		11/15/24 05:06	12/20/24 15:19	1
4-Chloro-3-methylphenol	<0.104	U	0.573	0.104	ug/L		11/15/24 05:06	12/20/24 15:19	1
4-Chloroaniline	<0.0387	U	0.573	0.0387	ug/L		11/15/24 05:06	12/20/24 15:19	1
4-Chlorophenyl phenyl ether	<0.131	U	0.573	0.131	ug/L		11/15/24 05:06	12/20/24 15:19	1
4-Nitroaniline	<0.109	U	0.573	0.109	ug/L		11/15/24 05:06	12/20/24 15:19	1
Acenaphthene	<0.108	U	0.573	0.108	ug/L		11/15/24 05:06	12/20/24 15:19	1
Acenaphthylene	<0.0999	U	0.573	0.0999	ug/L		11/15/24 05:06	12/20/24 15:19	1
Aniline	<0.0581	U	0.573	0.0581	ug/L		11/15/24 05:06	12/20/24 15:19	1
Anthracene	<0.0941	U	0.573	0.0941	ug/L		11/15/24 05:06	12/20/24 15:19	1
Benzo[a]anthracene	<0.0287	U *+	0.0287	0.0287	ug/L		11/15/24 05:06	12/20/24 15:19	1
Benzo[a]pyrene	<0.0301	U	0.0573	0.0301	ug/L		11/15/24 05:06	12/20/24 15:19	1
Benzo[b]fluoranthene	<0.0666	U	0.573	0.0666	ug/L		11/15/24 05:06	12/20/24 15:19	1
Benzo[g,h,i]perylene	<0.0346	U	0.573	0.0346	ug/L		11/15/24 05:06	12/20/24 15:19	1
Benzo[k]fluoranthene	<0.0474	U	0.573	0.0474	ug/L		11/15/24 05:06	12/20/24 15:19	1
Benzyl alcohol	<0.602	U *-	1.15	0.602	ug/L		11/15/24 05:06	12/20/24 15:19	1
Bis(2-chloroethoxy)methane	<0.0977	U	0.573	0.0977	ug/L		11/15/24 05:06	12/20/24 15:19	1
Bis(2-chloroethyl)ether	<0.215	U	0.573	0.215	ug/L		11/15/24 05:06	12/20/24 15:19	1
Bis(2-ethylhexyl) phthalate	<0.903	U	1.15	0.903	ug/L		11/15/24 05:06	12/20/24 15:19	1
Butyl benzyl phthalate	<0.501	U	1.15	0.501	ug/L		11/15/24 05:06	12/20/24 15:19	1
Chrysene	<0.0818	U	0.573	0.0818	ug/L		11/15/24 05:06	12/20/24 15:19	1
Dibenz(a,h)anthracene	<0.0510	U	0.115	0.0510	ug/L		11/15/24 05:06	12/20/24 15:19	1
Dibenzofuran	<0.107	U	0.573	0.107	ug/L		11/15/24 05:06	12/20/24 15:19	1
Diethyl phthalate	<0.155	U *+	1.15	0.155	ug/L		11/15/24 05:06	12/20/24 15:19	1
Dimethyl phthalate	<0.109	U *+	1.15	0.109	ug/L		11/15/24 05:06	12/20/24 15:19	1
Di-n-butyl phthalate	<0.767	U *+	1.15	0.767	ug/L		11/15/24 05:06	12/20/24 15:19	1
Di-n-octyl phthalate	<0.270	U	1.15	0.270	ug/L		11/15/24 05:06	12/20/24 15:19	1
Fluoranthene	<0.0886	U	0.573	0.0886	ug/L		11/15/24 05:06	12/20/24 15:19	1
Fluorene	<0.0951	U	0.573	0.0951	ug/L		11/15/24 05:06	12/20/24 15:19	1
Hexachlorobenzene	<0.0978	U	0.573	0.0978	ug/L		11/15/24 05:06	12/20/24 15:19	1
Hexachlorobutadiene	<0.103	U	0.573	0.103	ug/L		11/15/24 05:06	12/20/24 15:19	1
Hexachlorocyclopentadiene	<0.0513	U	0.573	0.0513	ug/L		11/15/24 05:06	12/20/24 15:19	1
Hexachloroethane	<0.102	U	0.573	0.102	ug/L		11/15/24 05:06	12/20/24 15:19	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.573	0.100	ug/L		11/15/24 05:06	12/20/24 15:19	1
Isophorone	<0.107	U	0.573	0.107	ug/L		11/15/24 05:06	12/20/24 15:19	1
Naphthalene	<0.0947	U	0.573	0.0947	ug/L		11/15/24 05:06	12/20/24 15:19	1
Nitrobenzene	<0.0739	U	0.573	0.0739	ug/L		11/15/24 05:06	12/20/24 15:19	1
N-Nitrosodi-n-propylamine	<0.119	U	0.573	0.119	ug/L		11/15/24 05:06	12/20/24 15:19	1
N-Nitrosodiphenylamine	<0.145	U	0.573	0.145	ug/L		11/15/24 05:06	12/20/24 15:19	1
Pentachlorophenol	<1.04	U	1.15	1.04	ug/L		11/15/24 05:06	12/20/24 15:19	1
Phenanthrene	<0.134	U	0.573	0.134	ug/L		11/15/24 05:06	12/20/24 15:19	1

Client Sample ID: MW-4
Lab Sample ID: 860-86945-7
Date Collected: 11/12/24 13:54
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	**0.538**	**J I**	2.87	0.449	ug/L		11/15/24 05:06	12/20/24 15:19	1
Pyrene	<0.0851	U *+	0.573	0.0851	ug/L		11/15/24 05:06	12/20/24 15:19	1
Pyridine	<1.44	U *1	2.87	1.44	ug/L		11/15/24 05:06	12/20/24 15:19	1
N-Nitro-o-toluidine	<0.522	U	1.15	0.522	ug/L		11/15/24 05:06	12/20/24 15:19	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.573	0.211	ug/L		11/15/24 05:06	12/20/24 15:19	1
Acetophenone	<0.626	U	1.15	0.626	ug/L		11/15/24 05:06	12/20/24 15:19	1
N-Nitrosopiperidine	<0.469	U	1.15	0.469	ug/L		11/15/24 05:06	12/20/24 15:19	1
Pentachlorobenzene	<0.267	U	0.573	0.267	ug/L		11/15/24 05:06	12/20/24 15:19	1
1,1'-Biphenyl	<0.0984	U	0.573	0.0984	ug/L		11/15/24 05:06	12/20/24 15:19	1
4-Aminobiphenyl	<0.395	U	0.573	0.395	ug/L		11/15/24 05:06	12/20/24 15:19	1
1,2,4,5-Tetrachlorobenzene	<0.0960	U *-	0.573	0.0960	ug/L		11/15/24 05:06	12/20/24 15:19	1
1,3,5-Trinitrobenzene	<0.119	U	0.573	0.119	ug/L		11/15/24 05:06	12/20/24 15:19	1
1,3-Dinitrobenzene	<0.0775	U	0.573	0.0775	ug/L		11/15/24 05:06	12/20/24 15:19	1
1,4-Naphthoquinone	<0.315	U	0.573	0.315	ug/L		11/15/24 05:06	12/20/24 15:19	1
1-Naphthylamine	<0.149	U	0.573	0.149	ug/L		11/15/24 05:06	12/20/24 15:19	1
2,6-Dichlorophenol	<0.119	U	0.573	0.119	ug/L		11/15/24 05:06	12/20/24 15:19	1
2-Acetylaminofluorene	<1.27	U *+	2.87	1.27	ug/L		11/15/24 05:06	12/20/24 15:19	1
2-Chlorophenol	<0.0758	U	0.573	0.0758	ug/L		11/15/24 05:06	12/20/24 15:19	1
2-Naphthylamine	<0.289	U	0.573	0.289	ug/L		11/15/24 05:06	12/20/24 15:19	1
2-Picoline	<0.123	U *- *1	0.573	0.123	ug/L		11/15/24 05:06	12/20/24 15:19	1
2-Toluidine	<0.307	U	0.573	0.307	ug/L		11/15/24 05:06	12/20/24 15:19	1
3,3'-Dichlorobenzidine	<0.184	U	0.573	0.184	ug/L		11/15/24 05:06	12/20/24 15:19	1
3,3'-Dimethylbenzidine	<0.142	U	0.573	0.142	ug/L		11/15/24 05:06	12/20/24 15:19	1
3-Methylcholanthrene	<0.105	U	0.573	0.105	ug/L		11/15/24 05:06	12/20/24 15:19	1
4-Nitroquinoline-1-oxide	<0.732	U	1.15	0.732	ug/L		11/15/24 05:06	12/20/24 15:19	1
7,12-Dimethylbenz(a)anthracene	<0.242	U	0.573	0.242	ug/L		11/15/24 05:06	12/20/24 15:19	1
alpha,alpha-Dimethyl phenethylamine	<3.68	U *- *1	5.73	3.68	ug/L		11/15/24 05:06	12/20/24 15:19	1
Aramite Peak 1	<0.0787	U	0.573	0.0787	ug/L		11/15/24 05:06	12/20/24 15:19	1
Aramite Peak 2	<0.0956	U	0.573	0.0956	ug/L		11/15/24 05:06	12/20/24 15:19	1
Aramite, Total	<0.0956	U	0.573	0.0956	ug/L		11/15/24 05:06	12/20/24 15:19	1
Diallate	<0.0837	U	0.573	0.0837	ug/L		11/15/24 05:06	12/20/24 15:19	1
Diallate Peak 1	<0.0837	U	0.573	0.0837	ug/L		11/15/24 05:06	12/20/24 15:19	1
Diallate Peak 2	<0.0386	U	0.573	0.0386	ug/L		11/15/24 05:06	12/20/24 15:19	1
Dimethoate	<0.122	U *+	0.573	0.122	ug/L		11/15/24 05:06	12/20/24 15:19	1
Dinoseb	<0.571	U *+	2.87	0.571	ug/L		11/15/24 05:06	12/20/24 15:19	1
Disulfoton	<0.203	U *+	0.573	0.203	ug/L		11/15/24 05:06	12/20/24 15:19	1
Ethyl methanesulfonate	<0.227	U	0.573	0.227	ug/L		11/15/24 05:06	12/20/24 15:19	1
Ethyl Parathion	<0.0503	U *+	0.229	0.0503	ug/L		11/15/24 05:06	12/20/24 15:19	1
Famphur	<0.151	U *+	1.15	0.151	ug/L		11/15/24 05:06	12/20/24 15:19	1
Hexachloropropene	<0.301	U *-	0.573	0.301	ug/L		11/15/24 05:06	12/20/24 15:19	1
Isosafrole	<0.241	U	0.573	0.241	ug/L		11/15/24 05:06	12/20/24 15:19	1
Isosafrole Peak 1	<0.0465	U	0.573	0.0465	ug/L		11/15/24 05:06	12/20/24 15:19	1
Isosafrole Peak 2	<0.241	U	0.573	0.241	ug/L		11/15/24 05:06	12/20/24 15:19	1
Methapyrilene	<1.00	U *+	2.29	1.00	ug/L		11/15/24 05:06	12/20/24 15:19	1
Methyl methanesulfonate	<0.120	U	0.573	0.120	ug/L		11/15/24 05:06	12/20/24 15:19	1
Methyl parathion	<0.320	U *+	0.573	0.320	ug/L		11/15/24 05:06	12/20/24 15:19	1
N-Nitrosodiethylamine	<0.540	U	1.15	0.540	ug/L		11/15/24 05:06	12/20/24 15:19	1
N-Nitrosodimethylamine	<0.100	U *-	0.573	0.100	ug/L		11/15/24 05:06	12/20/24 15:19	1
N-Nitrosodi-n-butylamine	<0.517	U	1.15	0.517	ug/L		11/15/24 05:06	12/20/24 15:19	1

Client Sample ID: MW-4

Date Collected: 11/12/24 13:54
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-7
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosomethylethylamine	<0.295	U	0.573	0.295	ug/L		11/15/24 05:06	12/20/24 15:19	1
N-Nitrosomorpholine	<0.221	U	0.573	0.221	ug/L		11/15/24 05:06	12/20/24 15:19	1
N-Nitrosopyrrolidine	<0.268	U *-	0.573	0.268	ug/L		11/15/24 05:06	12/20/24 15:19	1
p-Dimethylamino azobenzene	<0.0238	U	0.573	0.0238	ug/L		11/15/24 05:06	12/20/24 15:19	1
Pentachloronitrobenzene	<0.100	U *+	0.573	0.100	ug/L		11/15/24 05:06	12/20/24 15:19	1
Phenacetin	<0.100	U	0.573	0.100	ug/L		11/15/24 05:06	12/20/24 15:19	1
Phorate	<0.222	U *+	0.573	0.222	ug/L		11/15/24 05:06	12/20/24 15:19	1
p-Phenylene diamine	<0.501	U *- *1	1.15	0.501	ug/L		11/15/24 05:06	12/20/24 15:19	1
Pronamide	<0.100	U *+	0.573	0.100	ug/L		11/15/24 05:06	12/20/24 15:19	1
Safrole, Total	<0.0573	U	0.573	0.0573	ug/L		11/15/24 05:06	12/20/24 15:19	1
Sulfotepp	**5.98**	***+**	0.573	0.147	ug/L		11/15/24 05:06	12/20/24 15:19	1
Thionazin	<0.209	U *+	1.15	0.209	ug/L		11/15/24 05:06	12/20/24 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*142*	*S1+*	*35 - 130*	*11/15/24 05:06*	*12/20/24 15:19*	*1*
2-Fluorobiphenyl	*86*		*43 - 130*	*11/15/24 05:06*	*12/20/24 15:19*	*1*
2-Fluorophenol (Surr)	*74*		*19 - 120*	*11/15/24 05:06*	*12/20/24 15:19*	*1*
Nitrobenzene-d5 (Surr)	*111*		*37 - 133*	*11/15/24 05:06*	*12/20/24 15:19*	*1*
Phenol-d5 (Surr)	*51*		*8 - 124*	*11/15/24 05:06*	*12/20/24 15:19*	*1*
p-Terphenyl-d14	*128*		*47 - 130*	*11/15/24 05:06*	*12/20/24 15:19*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	**120**		11.5	1.82	ug/L		11/15/24 05:06	12/11/24 06:23	20
o,o',o''-Triethylphosphorothioate	**35.2**	***+**	5.73	1.39	ug/L		11/15/24 05:06	12/25/24 10:20	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*96*	*I*	*35 - 130*	*11/15/24 05:06*	*12/11/24 06:23*	*20*
2,4,6-Tribromophenol (Surr)	*78*		*35 - 130*	*11/15/24 05:06*	*12/25/24 10:20*	*10*
2-Fluorobiphenyl	*91*		*43 - 130*	*11/15/24 05:06*	*12/11/24 06:23*	*20*
2-Fluorobiphenyl	*89*		*43 - 130*	*11/15/24 05:06*	*12/25/24 10:20*	*10*
2-Fluorophenol (Surr)	*62*		*19 - 120*	*11/15/24 05:06*	*12/11/24 06:23*	*20*
2-Fluorophenol (Surr)	*65*		*19 - 120*	*11/15/24 05:06*	*12/25/24 10:20*	*10*
Nitrobenzene-d5 (Surr)	*96*		*37 - 133*	*11/15/24 05:06*	*12/11/24 06:23*	*20*
Nitrobenzene-d5 (Surr)	*101*		*37 - 133*	*11/15/24 05:06*	*12/25/24 10:20*	*10*
Phenol-d5 (Surr)	*53*		*8 - 124*	*11/15/24 05:06*	*12/11/24 06:23*	*20*
Phenol-d5 (Surr)	*46*		*8 - 124*	*11/15/24 05:06*	*12/25/24 10:20*	*10*
p-Terphenyl-d14	*112*		*47 - 130*	*11/15/24 05:06*	*12/11/24 06:23*	*20*
p-Terphenyl-d14	*97*		*47 - 130*	*11/15/24 05:06*	*12/25/24 10:20*	*10*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0763	U H	0.569	0.0763	ug/L		12/11/24 04:48	12/22/24 04:45	1
1,2-Dichlorobenzene	<0.0937	U H	0.569	0.0937	ug/L		12/11/24 04:48	12/22/24 04:45	1
1,3-Dichlorobenzene	<0.101	U H	0.569	0.101	ug/L		12/11/24 04:48	12/22/24 04:45	1
1,4-Dichlorobenzene	<0.0776	U H	0.569	0.0776	ug/L		12/11/24 04:48	12/22/24 04:45	1
2,2'-oxybis[1-chloropropane]	**2.01**	**J H I**	2.84	1.42	ug/L		12/11/24 04:48	12/22/24 04:45	1
2,4,5-Trichlorophenol	<0.143	U H	0.569	0.143	ug/L		12/11/24 04:48	12/22/24 04:45	1
2,4,6-Trichlorophenol	<0.230	U H	0.569	0.230	ug/L		12/11/24 04:48	12/22/24 04:45	1
2,4-Dichlorophenol	<0.139	U H	0.569	0.139	ug/L		12/11/24 04:48	12/22/24 04:45	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: MW-4
Date Collected: 11/12/24 13:54
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-7
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<0.191	U *+ H	0.569	0.191	ug/L		12/11/24 04:48	12/22/24 04:45	1
1,4-Dioxane	**10.3**	**H**	0.569	0.0886	ug/L		12/11/24 04:48	12/22/24 04:45	1
2,4-Dinitrophenol	<0.104	U H	2.84	0.104	ug/L		12/11/24 04:48	12/22/24 04:45	1
2,4-Dinitrotoluene	<0.204	U H	0.569	0.204	ug/L		12/11/24 04:48	12/22/24 04:45	1
2,6-Dinitrotoluene	<0.116	U H	0.569	0.116	ug/L		12/11/24 04:48	12/22/24 04:45	1
2-Chloronaphthalene	<0.377	U H	0.569	0.377	ug/L		12/11/24 04:48	12/22/24 04:45	1
2-Methylnaphthalene	<0.0600	U H	0.569	0.0600	ug/L		12/11/24 04:48	12/22/24 04:45	1
2-Methylphenol	<0.104	U H	0.569	0.104	ug/L		12/11/24 04:48	12/22/24 04:45	1
2-Nitroaniline	<0.148	U H	0.569	0.148	ug/L		12/11/24 04:48	12/22/24 04:45	1
2-Nitrophenol	<0.135	U H	0.569	0.135	ug/L		12/11/24 04:48	12/22/24 04:45	1
3 & 4 Methylphenol	<0.138	U H	0.569	0.138	ug/L		12/11/24 04:48	12/22/24 04:45	1
3-Nitroaniline	<0.0849	U H	0.569	0.0849	ug/L		12/11/24 04:48	12/22/24 04:45	1
4,6-Dinitro-2-methylphenol	<0.201	U H	1.14	0.201	ug/L		12/11/24 04:48	12/22/24 04:45	1
4-Bromophenyl phenyl ether	<0.0999	U H	0.569	0.0999	ug/L		12/11/24 04:48	12/22/24 04:45	1
4-Chloro-3-methylphenol	<0.103	U H	0.569	0.103	ug/L		12/11/24 04:48	12/22/24 04:45	1
4-Chloroaniline	<0.0384	U H	0.569	0.0384	ug/L		12/11/24 04:48	12/22/24 04:45	1
4-Chlorophenyl phenyl ether	<0.130	U H	0.569	0.130	ug/L		12/11/24 04:48	12/22/24 04:45	1
4-Nitroaniline	<0.108	U H	0.569	0.108	ug/L		12/11/24 04:48	12/22/24 04:45	1
Acenaphthene	<0.107	U H	0.569	0.107	ug/L		12/11/24 04:48	12/22/24 04:45	1
Acenaphthylene	<0.0992	U H	0.569	0.0992	ug/L		12/11/24 04:48	12/22/24 04:45	1
Aniline	<0.0577	U H	0.569	0.0577	ug/L		12/11/24 04:48	12/22/24 04:45	1
Anthracene	<0.0934	U *+ H	0.569	0.0934	ug/L		12/11/24 04:48	12/22/24 04:45	1
Benzo[a]anthracene	<0.0284	U *+ H	0.0284	0.0284	ug/L		12/11/24 04:48	12/22/24 04:45	1
Benzo[a]pyrene	<0.0299	U H	0.0569	0.0299	ug/L		12/11/24 04:48	12/22/24 04:45	1
Benzo[b]fluoranthene	<0.0661	U *+ H	0.569	0.0661	ug/L		12/11/24 04:48	12/22/24 04:45	1
Benzo[g,h,i]perylene	<0.0344	U H	0.569	0.0344	ug/L		12/11/24 04:48	12/22/24 04:45	1
Benzo[k]fluoranthene	<0.0470	U H	0.569	0.0470	ug/L		12/11/24 04:48	12/22/24 04:45	1
Benzyl alcohol	<0.597	U H	1.14	0.597	ug/L		12/11/24 04:48	12/22/24 04:45	1
Bis(2-chloroethoxy)methane	<0.0970	U H	0.569	0.0970	ug/L		12/11/24 04:48	12/22/24 04:45	1
Bis(2-chloroethyl)ether	**2.12**	**H I**	0.569	0.213	ug/L		12/11/24 04:48	12/22/24 04:45	1
Bis(2-ethylhexyl) phthalate	<0.896	U *+ H	1.14	0.896	ug/L		12/11/24 04:48	12/22/24 04:45	1
Butyl benzyl phthalate	<0.498	U H	1.14	0.498	ug/L		12/11/24 04:48	12/22/24 04:45	1
Chrysene	<0.0812	U *+ H	0.569	0.0812	ug/L		12/11/24 04:48	12/22/24 04:45	1
Dibenz(a,h)anthracene	<0.0507	U H	0.114	0.0507	ug/L		12/11/24 04:48	12/22/24 04:45	1
Dibenzofuran	<0.106	U H	0.569	0.106	ug/L		12/11/24 04:48	12/22/24 04:45	1
Diethyl phthalate	<0.154	U H	1.14	0.154	ug/L		12/11/24 04:48	12/22/24 04:45	1
Dimethyl phthalate	<0.108	U H	1.14	0.108	ug/L		12/11/24 04:48	12/22/24 04:45	1
Di-n-butyl phthalate	<0.762	U H	1.14	0.762	ug/L		12/11/24 04:48	12/22/24 04:45	1
Di-n-octyl phthalate	<0.268	U H	1.14	0.268	ug/L		12/11/24 04:48	12/22/24 04:45	1
Fluoranthene	<0.0879	U H	0.569	0.0879	ug/L		12/11/24 04:48	12/22/24 04:45	1
Fluorene	<0.0944	U H	0.569	0.0944	ug/L		12/11/24 04:48	12/22/24 04:45	1
Hexachlorobenzene	<0.0971	U H	0.569	0.0971	ug/L		12/11/24 04:48	12/22/24 04:45	1
Hexachlorobutadiene	<0.102	U H	0.569	0.102	ug/L		12/11/24 04:48	12/22/24 04:45	1
Hexachlorocyclopentadiene	<0.0510	U *+ H	0.569	0.0510	ug/L		12/11/24 04:48	12/22/24 04:45	1
Hexachloroethane	<0.101	U H	0.569	0.101	ug/L		12/11/24 04:48	12/22/24 04:45	1
Indeno[1,2,3-cd]pyrene	<0.0996	U H	0.569	0.0996	ug/L		12/11/24 04:48	12/22/24 04:45	1
Isophorone	<0.106	U H	0.569	0.106	ug/L		12/11/24 04:48	12/22/24 04:45	1
Naphthalene	<0.0940	U H	0.569	0.0940	ug/L		12/11/24 04:48	12/22/24 04:45	1
Nitrobenzene	<0.0733	U H	0.569	0.0733	ug/L		12/11/24 04:48	12/22/24 04:45	1

Client Sample ID: MW-4
Lab Sample ID: 860-86945-7
Date Collected: 11/12/24 13:54
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.118	U H	0.569	0.118	ug/L		12/11/24 04:48	12/22/24 04:45	1
N-Nitrosodiphenylamine	<0.144	U H	0.569	0.144	ug/L		12/11/24 04:48	12/22/24 04:45	1
Pentachlorophenol	<1.03	U H	1.14	1.03	ug/L		12/11/24 04:48	12/22/24 04:45	1
Phenanthrene	<0.133	U *+ H	0.569	0.133	ug/L		12/11/24 04:48	12/22/24 04:45	1
Phenol	<0.446	U H	2.84	0.446	ug/L		12/11/24 04:48	12/22/24 04:45	1
Pyrene	<0.0845	U H	0.569	0.0845	ug/L		12/11/24 04:48	12/22/24 04:45	1
Pyridine	<1.43	U H *1	2.84	1.43	ug/L		12/11/24 04:48	12/22/24 04:45	1
N-Nitro-o-toluidine	<0.518	U H *1	1.14	0.518	ug/L		12/11/24 04:48	12/22/24 04:45	1
2,3,4,6-Tetrachlorophenol	<0.210	U *+ H	0.569	0.210	ug/L		12/11/24 04:48	12/22/24 04:45	1
Acetophenone	<0.621	U H	1.14	0.621	ug/L		12/11/24 04:48	12/22/24 04:45	1
N-Nitrosopiperidine	<0.465	U H *1	1.14	0.465	ug/L		12/11/24 04:48	12/22/24 04:45	1
Pentachlorobenzene	<0.265	U H	0.569	0.265	ug/L		12/11/24 04:48	12/22/24 04:45	1
1,1'-Biphenyl	<0.0977	U H	0.569	0.0977	ug/L		12/11/24 04:48	12/22/24 04:45	1
4-Aminobiphenyl	<0.392	U H *1	0.569	0.392	ug/L		12/11/24 04:48	12/22/24 04:45	1
1,2,4,5-Tetrachlorobenzene	<0.0953	U H	0.569	0.0953	ug/L		12/11/24 04:48	12/22/24 04:45	1
1,3,5-Trinitrobenzene	<0.118	U H *1	0.569	0.118	ug/L		12/11/24 04:48	12/22/24 04:45	1
1,3-Dinitrobenzene	<0.0770	U H	0.569	0.0770	ug/L		12/11/24 04:48	12/22/24 04:45	1
1,4-Naphthoquinone	<0.313	U H	0.569	0.313	ug/L		12/11/24 04:48	12/22/24 04:45	1
1-Naphthylamine	<0.148	U H *1	0.569	0.148	ug/L		12/11/24 04:48	12/22/24 04:45	1
2,6-Dichlorophenol	<0.118	U H	0.569	0.118	ug/L		12/11/24 04:48	12/22/24 04:45	1
2-Acetylaminofluorene	<1.26	U *+ H *1	2.84	1.26	ug/L		12/11/24 04:48	12/22/24 04:45	1
2-Chlorophenol	<0.0753	U H	0.569	0.0753	ug/L		12/11/24 04:48	12/22/24 04:45	1
2-Naphthylamine	<0.287	U H *1	0.569	0.287	ug/L		12/11/24 04:48	12/22/24 04:45	1
2-Picoline	<0.122	U H *1	0.569	0.122	ug/L		12/11/24 04:48	12/22/24 04:45	1
2-Toluidine	<0.305	U H *1	0.569	0.305	ug/L		12/11/24 04:48	12/22/24 04:45	1
3,3'-Dichlorobenzidine	<0.182	U H	0.569	0.182	ug/L		12/11/24 04:48	12/22/24 04:45	1
3,3'-Dimethylbenzidine	<0.141	U H *1	0.569	0.141	ug/L		12/11/24 04:48	12/22/24 04:45	1
3-Methylcholanthrene	<0.104	U H	0.569	0.104	ug/L		12/11/24 04:48	12/22/24 04:45	1
4-Nitroquinoline-1-oxide	<0.727	U H *1	1.14	0.727	ug/L		12/11/24 04:48	12/22/24 04:45	1
7,12-Dimethylbenz(a)anthracene	<0.240	U H	0.569	0.240	ug/L		12/11/24 04:48	12/22/24 04:45	1
alpha,alpha-Dimethyl phenethylamine	<3.65	U H *-	5.69	3.65	ug/L		12/11/24 04:48	12/22/24 04:45	1
Aramite Peak 1	<0.0782	U *+ H	0.569	0.0782	ug/L		12/11/24 04:48	12/22/24 04:45	1
Aramite Peak 2	<0.0950	U H	0.569	0.0950	ug/L		12/11/24 04:48	12/22/24 04:45	1
Aramite, Total	<0.0950	U H	0.569	0.0950	ug/L		12/11/24 04:48	12/22/24 04:45	1
Diallate	<0.0831	U H	0.569	0.0831	ug/L		12/11/24 04:48	12/22/24 04:45	1
Diallate Peak 1	<0.0831	U H	0.569	0.0831	ug/L		12/11/24 04:48	12/22/24 04:45	1
Diallate Peak 2	<0.0384	U H	0.569	0.0384	ug/L		12/11/24 04:48	12/22/24 04:45	1
Dimethoate	<0.121	U H *+	0.569	0.121	ug/L		12/11/24 04:48	12/22/24 04:45	1
Dinoseb	<0.567	U H	2.84	0.567	ug/L		12/11/24 04:48	12/22/24 04:45	1
Disulfoton	<0.202	U H	0.569	0.202	ug/L		12/11/24 04:48	12/22/24 04:45	1
Ethyl methanesulfonate	<0.226	U H	0.569	0.226	ug/L		12/11/24 04:48	12/22/24 04:45	1
Ethyl Parathion	<0.0500	U H	0.228	0.0500	ug/L		12/11/24 04:48	12/22/24 04:45	1
Famphur	<0.150	U H	1.14	0.150	ug/L		12/11/24 04:48	12/22/24 04:45	1
Hexachloropropene	<0.298	U H	0.569	0.298	ug/L		12/11/24 04:48	12/22/24 04:45	1
Isosafrole	<0.240	U H	0.569	0.240	ug/L		12/11/24 04:48	12/22/24 04:45	1
Isosafrole Peak 1	<0.0461	U H	0.569	0.0461	ug/L		12/11/24 04:48	12/22/24 04:45	1
Isosafrole Peak 2	<0.240	U H	0.569	0.240	ug/L		12/11/24 04:48	12/22/24 04:45	1
Methapyrilene	<0.995	U H	2.28	0.995	ug/L		12/11/24 04:48	12/22/24 04:45	1
Methyl methanesulfonate	<0.119	U H	0.569	0.119	ug/L		12/11/24 04:48	12/22/24 04:45	1

Client Sample ID: MW-4

Date Collected: 11/12/24 13:54
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-7
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl parathion	<0.318	U H	0.569	0.318	ug/L		12/11/24 04:48	12/22/24 04:45	1
N-Nitrosodiethylamine	<0.536	U H *1	1.14	0.536	ug/L		12/11/24 04:48	12/22/24 04:45	1
N-Nitrosodimethylamine	<0.0996	U H *-	0.569	0.0996	ug/L		12/11/24 04:48	12/22/24 04:45	1
N-Nitrosodi-n-butylamine	<0.513	U H *1	1.14	0.513	ug/L		12/11/24 04:48	12/22/24 04:45	1
N-Nitrosomethylethylamine	<0.293	U H *1	0.569	0.293	ug/L		12/11/24 04:48	12/22/24 04:45	1
N-Nitrosomorpholine	<0.219	U H *1	0.569	0.219	ug/L		12/11/24 04:48	12/22/24 04:45	1
N-Nitrosopyrrolidine	<0.267	U H *1	0.569	0.267	ug/L		12/11/24 04:48	12/22/24 04:45	1
p-Dimethylamino azobenzene	<0.0237	U H *1	0.569	0.0237	ug/L		12/11/24 04:48	12/22/24 04:45	1
Pentachloronitrobenzene	<0.0996	U H *1	0.569	0.0996	ug/L		12/11/24 04:48	12/22/24 04:45	1
Phenacetin	<0.0996	U H *1	0.569	0.0996	ug/L		12/11/24 04:48	12/22/24 04:45	1
Phorate	<0.220	U H	0.569	0.220	ug/L		12/11/24 04:48	12/22/24 04:45	1
p-Phenylene diamine	<0.498	U H *-	1.14	0.498	ug/L		12/11/24 04:48	12/22/24 04:45	1
Pronamide	<0.0996	U H *1	0.569	0.0996	ug/L		12/11/24 04:48	12/22/24 04:45	1
Safrole, Total	<0.0569	U H	0.569	0.0569	ug/L		12/11/24 04:48	12/22/24 04:45	1
Sulfotepp	<0.146	U H *+	0.569	0.146	ug/L		12/11/24 04:48	12/22/24 04:45	1
Thionazin	<0.207	U H	1.14	0.207	ug/L		12/11/24 04:48	12/22/24 04:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*107*		*35 - 130*	*12/11/24 04:48*	*12/22/24 04:45*	*1*
2-Fluorobiphenyl	*83*		*43 - 130*	*12/11/24 04:48*	*12/22/24 04:45*	*1*
2-Fluorophenol (Surr)	*67*		*19 - 120*	*12/11/24 04:48*	*12/22/24 04:45*	*1*
Nitrobenzene-d5 (Surr)	*88*		*37 - 133*	*12/11/24 04:48*	*12/22/24 04:45*	*1*
Phenol-d5 (Surr)	*44*		*8 - 124*	*12/11/24 04:48*	*12/22/24 04:45*	*1*
p-Terphenyl-d14	*98*		*47 - 130*	*12/11/24 04:48*	*12/22/24 04:45*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o,o',o''-Triethylphosphorothioate	**28.1**	**H**	5.69	1.38	ug/L		12/11/24 04:48	12/25/24 10:50	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*35 - 130*	*12/11/24 04:48*	*12/25/24 10:50*	*10*
2-Fluorobiphenyl	*85*		*43 - 130*	*12/11/24 04:48*	*12/25/24 10:50*	*10*
2-Fluorophenol (Surr)	*58*		*19 - 120*	*12/11/24 04:48*	*12/25/24 10:50*	*10*
Nitrobenzene-d5 (Surr)	*87*		*37 - 133*	*12/11/24 04:48*	*12/25/24 10:50*	*10*
Phenol-d5 (Surr)	*36*		*8 - 124*	*12/11/24 04:48*	*12/25/24 10:50*	*10*
p-Terphenyl-d14	*86*		*47 - 130*	*12/11/24 04:48*	*12/25/24 10:50*	*10*

Client Sample ID: MW-11

Date Collected: 11/12/24 14:54
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/15/24 23:06	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/15/24 23:06	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/15/24 23:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/15/24 23:06	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/15/24 23:06	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/15/24 23:06	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/15/24 23:06	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/15/24 23:06	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: MW-11
Date Collected: 11/12/24 14:54
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/15/24 23:06	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/15/24 23:06	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/15/24 23:06	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/15/24 23:06	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/15/24 23:06	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/15/24 23:06	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/15/24 23:06	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/15/24 23:06	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/15/24 23:06	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/15/24 23:06	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/15/24 23:06	1
Acetone	<3.07	U	100	3.07	ug/L			11/15/24 23:06	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/15/24 23:06	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/15/24 23:06	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/15/24 23:06	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/15/24 23:06	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/15/24 23:06	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/15/24 23:06	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/15/24 23:06	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/15/24 23:06	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/15/24 23:06	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/15/24 23:06	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/15/24 23:06	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/15/24 23:06	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/15/24 23:06	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/15/24 23:06	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/15/24 23:06	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/15/24 23:06	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/15/24 23:06	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/15/24 23:06	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/15/24 23:06	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/15/24 23:06	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/15/24 23:06	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/15/24 23:06	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/15/24 23:06	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/15/24 23:06	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/15/24 23:06	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/15/24 23:06	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/15/24 23:06	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/15/24 23:06	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/15/24 23:06	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/15/24 23:06	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/15/24 23:06	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/15/24 23:06	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/15/24 23:06	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/15/24 23:06	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/15/24 23:06	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/15/24 23:06	1

Client Sample ID: MW-11

Date Collected: 11/12/24 14:54
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-8

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*63 - 144*		*11/15/24 23:06*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*11/15/24 23:06*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*11/15/24 23:06*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/15/24 23:06*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/19/24 18:19	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/19/24 18:19	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/19/24 18:19	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/19/24 18:19	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/19/24 18:19	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/19/24 18:19	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/19/24 18:19	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/19/24 18:19	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/19/24 18:19	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/19/24 18:19	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/19/24 18:19	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/19/24 18:19	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/19/24 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*11/19/24 18:19*	*1*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*11/19/24 18:19*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*11/19/24 18:19*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/19/24 18:19*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0765	U *-	0.571	0.0765	ug/L		11/15/24 05:06	12/20/24 15:49	1
1,2-Dichlorobenzene	<0.0939	U	0.571	0.0939	ug/L		11/15/24 05:06	12/20/24 15:49	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/15/24 05:06	12/20/24 15:49	1
1,4-Dichlorobenzene	<0.0778	U	0.571	0.0778	ug/L		11/15/24 05:06	12/20/24 15:49	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.85	1.43	ug/L		11/15/24 05:06	12/20/24 15:49	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/15/24 05:06	12/20/24 15:49	1
2,4,6-Trichlorophenol	<0.230	U	0.571	0.230	ug/L		11/15/24 05:06	12/20/24 15:49	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/15/24 05:06	12/20/24 15:49	1
2,4-Dimethylphenol	<0.192	U *+	0.571	0.192	ug/L		11/15/24 05:06	12/20/24 15:49	1
1,4-Dioxane	<0.0889	U	0.571	0.0889	ug/L		11/15/24 05:06	12/20/24 15:49	1
2,4-Dinitrophenol	<0.104	U	2.85	0.104	ug/L		11/15/24 05:06	12/20/24 15:49	1
2,4-Dinitrotoluene	<0.204	U	0.571	0.204	ug/L		11/15/24 05:06	12/20/24 15:49	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/15/24 05:06	12/20/24 15:49	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/15/24 05:06	12/20/24 15:49	1
2-Methylnaphthalene	<0.0602	U	0.571	0.0602	ug/L		11/15/24 05:06	12/20/24 15:49	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/15/24 05:06	12/20/24 15:49	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/15/24 05:06	12/20/24 15:49	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/15/24 05:06	12/20/24 15:49	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/15/24 05:06	12/20/24 15:49	1
3-Nitroaniline	<0.0851	U	0.571	0.0851	ug/L		11/15/24 05:06	12/20/24 15:49	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/15/24 05:06	12/20/24 15:49	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/15/24 05:06	12/20/24 15:49	1

Client Sample ID: MW-11
Lab Sample ID: 860-86945-8
Date Collected: 11/12/24 14:54
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	<0.103	U	0.571	0.103	ug/L		11/15/24 05:06	12/20/24 15:49	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/15/24 05:06	12/20/24 15:49	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/15/24 05:06	12/20/24 15:49	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/15/24 05:06	12/20/24 15:49	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/15/24 05:06	12/20/24 15:49	1
Acenaphthylene	<0.0995	U	0.571	0.0995	ug/L		11/15/24 05:06	12/20/24 15:49	1
Aniline	<0.0579	U	0.571	0.0579	ug/L		11/15/24 05:06	12/20/24 15:49	1
Anthracene	<0.0937	U	0.571	0.0937	ug/L		11/15/24 05:06	12/20/24 15:49	1
Benzo[a]anthracene	<0.0285	U *+	0.0285	0.0285	ug/L		11/15/24 05:06	12/20/24 15:49	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/15/24 05:06	12/20/24 15:49	1
Benzo[b]fluoranthene	<0.0663	U	0.571	0.0663	ug/L		11/15/24 05:06	12/20/24 15:49	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/15/24 05:06	12/20/24 15:49	1
Benzo[k]fluoranthene	<0.0472	U	0.571	0.0472	ug/L		11/15/24 05:06	12/20/24 15:49	1
Benzyl alcohol	<0.599	U *-	1.14	0.599	ug/L		11/15/24 05:06	12/20/24 15:49	1
Bis(2-chloroethoxy)methane	<0.0973	U	0.571	0.0973	ug/L		11/15/24 05:06	12/20/24 15:49	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/15/24 05:06	12/20/24 15:49	1
Bis(2-ethylhexyl) phthalate	<0.899	U	1.14	0.899	ug/L		11/15/24 05:06	12/20/24 15:49	1
Butyl benzyl phthalate	<0.499	U	1.14	0.499	ug/L		11/15/24 05:06	12/20/24 15:49	1
Chrysene	<0.0814	U	0.571	0.0814	ug/L		11/15/24 05:06	12/20/24 15:49	1
Dibenz(a,h)anthracene	<0.0508	U	0.114	0.0508	ug/L		11/15/24 05:06	12/20/24 15:49	1
Dibenzofuran	<0.106	U	0.571	0.106	ug/L		11/15/24 05:06	12/20/24 15:49	1
Diethyl phthalate	<0.154	U *+	1.14	0.154	ug/L		11/15/24 05:06	12/20/24 15:49	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/15/24 05:06	12/20/24 15:49	1
Di-n-butyl phthalate	<0.764	U *+	1.14	0.764	ug/L		11/15/24 05:06	12/20/24 15:49	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/15/24 05:06	12/20/24 15:49	1
Fluoranthene	<0.0882	U	0.571	0.0882	ug/L		11/15/24 05:06	12/20/24 15:49	1
Fluorene	<0.0947	U	0.571	0.0947	ug/L		11/15/24 05:06	12/20/24 15:49	1
Hexachlorobenzene	<0.0973	U	0.571	0.0973	ug/L		11/15/24 05:06	12/20/24 15:49	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/15/24 05:06	12/20/24 15:49	1
Hexachlorocyclopentadiene	<0.0511	U	0.571	0.0511	ug/L		11/15/24 05:06	12/20/24 15:49	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/15/24 05:06	12/20/24 15:49	1
Indeno[1,2,3-cd]pyrene	<0.0999	U	0.571	0.0999	ug/L		11/15/24 05:06	12/20/24 15:49	1
Isophorone	<0.106	U	0.571	0.106	ug/L		11/15/24 05:06	12/20/24 15:49	1
Naphthalene	<0.0943	U	0.571	0.0943	ug/L		11/15/24 05:06	12/20/24 15:49	1
Nitrobenzene	**0.139**	**J**	0.571	0.0735	ug/L		11/15/24 05:06	12/20/24 15:49	1
N-Nitrosodi-n-propylamine	<0.118	U	0.571	0.118	ug/L		11/15/24 05:06	12/20/24 15:49	1
N-Nitrosodiphenylamine	<0.144	U	0.571	0.144	ug/L		11/15/24 05:06	12/20/24 15:49	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/15/24 05:06	12/20/24 15:49	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/15/24 05:06	12/20/24 15:49	1
Phenol	<0.447	U	2.85	0.447	ug/L		11/15/24 05:06	12/20/24 15:49	1
Pyrene	<0.0847	U *+	0.571	0.0847	ug/L		11/15/24 05:06	12/20/24 15:49	1
Pyridine	<1.44	U *1	2.85	1.44	ug/L		11/15/24 05:06	12/20/24 15:49	1
N-Nitro-o-toluidine	<0.519	U	1.14	0.519	ug/L		11/15/24 05:06	12/20/24 15:49	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.571	0.210	ug/L		11/15/24 05:06	12/20/24 15:49	1
Acetophenone	<0.623	U	1.14	0.623	ug/L		11/15/24 05:06	12/20/24 15:49	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/15/24 05:06	12/20/24 15:49	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/15/24 05:06	12/20/24 15:49	1
Diphenyl ether	**0.148**	**J**	0.571	0.0909	ug/L		11/15/24 05:06	12/20/24 15:49	1
1,1'-Biphenyl	<0.0980	U	0.571	0.0980	ug/L		11/15/24 05:06	12/20/24 15:49	1

Client Sample ID: MW-11
Date Collected: 11/12/24 14:54
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-8
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Aminobiphenyl	<0.393	U	0.571	0.393	ug/L		11/15/24 05:06	12/20/24 15:49	1
1,2,4,5-Tetrachlorobenzene	<0.0956	U *-	0.571	0.0956	ug/L		11/15/24 05:06	12/20/24 15:49	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/15/24 05:06	12/20/24 15:49	1
1,3-Dinitrobenzene	<0.0772	U	0.571	0.0772	ug/L		11/15/24 05:06	12/20/24 15:49	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/15/24 05:06	12/20/24 15:49	1
1-Naphthylamine	<0.148	U	0.571	0.148	ug/L		11/15/24 05:06	12/20/24 15:49	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/15/24 05:06	12/20/24 15:49	1
2-Acetylaminofluorene	<1.26	U *+	2.85	1.26	ug/L		11/15/24 05:06	12/20/24 15:49	1
2-Chlorophenol	<0.0755	U	0.571	0.0755	ug/L		11/15/24 05:06	12/20/24 15:49	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/15/24 05:06	12/20/24 15:49	1
2-Picoline	<0.123	U *- *1	0.571	0.123	ug/L		11/15/24 05:06	12/20/24 15:49	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/15/24 05:06	12/20/24 15:49	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/15/24 05:06	12/20/24 15:49	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/15/24 05:06	12/20/24 15:49	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/15/24 05:06	12/20/24 15:49	1
4-Nitroquinoline-1-oxide	<0.729	U	1.14	0.729	ug/L		11/15/24 05:06	12/20/24 15:49	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/15/24 05:06	12/20/24 15:49	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U *- *1	5.71	3.67	ug/L		11/15/24 05:06	12/20/24 15:49	1
Aramite Peak 1	<0.0784	U	0.571	0.0784	ug/L		11/15/24 05:06	12/20/24 15:49	1
Aramite Peak 2	<0.0952	U	0.571	0.0952	ug/L		11/15/24 05:06	12/20/24 15:49	1
Aramite, Total	<0.0952	U	0.571	0.0952	ug/L		11/15/24 05:06	12/20/24 15:49	1
Diallate	<0.0834	U	0.571	0.0834	ug/L		11/15/24 05:06	12/20/24 15:49	1
Diallate Peak 1	<0.0834	U	0.571	0.0834	ug/L		11/15/24 05:06	12/20/24 15:49	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/15/24 05:06	12/20/24 15:49	1
Dimethoate	<0.121	U *+	0.571	0.121	ug/L		11/15/24 05:06	12/20/24 15:49	1
Dinoseb	<0.569	U *+	2.85	0.569	ug/L		11/15/24 05:06	12/20/24 15:49	1
Disulfoton	<0.202	U *+	0.571	0.202	ug/L		11/15/24 05:06	12/20/24 15:49	1
Ethyl methanesulfonate	<0.226	U	0.571	0.226	ug/L		11/15/24 05:06	12/20/24 15:49	1
Ethyl Parathion	<0.0501	U *+	0.228	0.0501	ug/L		11/15/24 05:06	12/20/24 15:49	1
Famphur	<0.151	U *+	1.14	0.151	ug/L		11/15/24 05:06	12/20/24 15:49	1
Hexachloropropene	<0.299	U *-	0.571	0.299	ug/L		11/15/24 05:06	12/20/24 15:49	1
Isosafrole	<0.240	U	0.571	0.240	ug/L		11/15/24 05:06	12/20/24 15:49	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/15/24 05:06	12/20/24 15:49	1
Isosafrole Peak 2	<0.240	U	0.571	0.240	ug/L		11/15/24 05:06	12/20/24 15:49	1
Methapyrilene	<0.998	U *+	2.28	0.998	ug/L		11/15/24 05:06	12/20/24 15:49	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/15/24 05:06	12/20/24 15:49	1
Methyl parathion	<0.319	U *+	0.571	0.319	ug/L		11/15/24 05:06	12/20/24 15:49	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/15/24 05:06	12/20/24 15:49	1
N-Nitrosodimethylamine	<0.0999	U *-	0.571	0.0999	ug/L		11/15/24 05:06	12/20/24 15:49	1
N-Nitrosodi-n-butylamine	<0.515	U	1.14	0.515	ug/L		11/15/24 05:06	12/20/24 15:49	1
N-Nitrosomethylethylamine	<0.293	U	0.571	0.293	ug/L		11/15/24 05:06	12/20/24 15:49	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/15/24 05:06	12/20/24 15:49	1
N-Nitrosopyrrolidine	<0.267	U *-	0.571	0.267	ug/L		11/15/24 05:06	12/20/24 15:49	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.571	0.138	ug/L		11/15/24 05:06	12/20/24 15:49	1
p-Dimethylamino azobenzene	<0.0237	U	0.571	0.0237	ug/L		11/15/24 05:06	12/20/24 15:49	1
Pentachloronitrobenzene	<0.0999	U *+	0.571	0.0999	ug/L		11/15/24 05:06	12/20/24 15:49	1
Phenacetin	<0.0999	U	0.571	0.0999	ug/L		11/15/24 05:06	12/20/24 15:49	1
Phorate	<0.221	U *+	0.571	0.221	ug/L		11/15/24 05:06	12/20/24 15:49	1
p-Phenylene diamine	<0.499	U *- *1	1.14	0.499	ug/L		11/15/24 05:06	12/20/24 15:49	1

Client Sample ID: MW-11
Date Collected: 11/12/24 14:54
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-8
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pronamide	<0.0999	U *+	0.571	0.0999	ug/L		11/15/24 05:06	12/20/24 15:49	1
Safrole, Total	<0.0570	U	0.571	0.0570	ug/L		11/15/24 05:06	12/20/24 15:49	1
Sulfotepp	<0.146	U *+	0.571	0.146	ug/L		11/15/24 05:06	12/20/24 15:49	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/15/24 05:06	12/20/24 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*133*	*S1+*	*35 - 130*	*11/15/24 05:06*	*12/20/24 15:49*	*1*
2-Fluorobiphenyl	*104*		*43 - 130*	*11/15/24 05:06*	*12/20/24 15:49*	*1*
2-Fluorophenol (Surr)	*87*		*19 - 120*	*11/15/24 05:06*	*12/20/24 15:49*	*1*
Nitrobenzene-d5 (Surr)	*127*		*37 - 133*	*11/15/24 05:06*	*12/20/24 15:49*	*1*
Phenol-d5 (Surr)	*52*		*8 - 124*	*11/15/24 05:06*	*12/20/24 15:49*	*1*
p-Terphenyl-d14	*123*		*47 - 130*	*11/15/24 05:06*	*12/20/24 15:49*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0765	U H	0.571	0.0765	ug/L		12/11/24 04:48	12/22/24 05:15	1
1,2-Dichlorobenzene	<0.0939	U H	0.571	0.0939	ug/L		12/11/24 04:48	12/22/24 05:15	1
1,3-Dichlorobenzene	<0.102	U H	0.571	0.102	ug/L		12/11/24 04:48	12/22/24 05:15	1
1,4-Dichlorobenzene	<0.0778	U H	0.571	0.0778	ug/L		12/11/24 04:48	12/22/24 05:15	1
2,2'-oxybis[1-chloropropane]	<1.43	U H	2.85	1.43	ug/L		12/11/24 04:48	12/22/24 05:15	1
2,4,5-Trichlorophenol	<0.143	U H	0.571	0.143	ug/L		12/11/24 04:48	12/22/24 05:15	1
2,4,6-Trichlorophenol	<0.230	U H	0.571	0.230	ug/L		12/11/24 04:48	12/22/24 05:15	1
2,4-Dichlorophenol	<0.140	U H	0.571	0.140	ug/L		12/11/24 04:48	12/22/24 05:15	1
2,4-Dimethylphenol	<0.192	U *+ H	0.571	0.192	ug/L		12/11/24 04:48	12/22/24 05:15	1
1,4-Dioxane	<0.0889	U H	0.571	0.0889	ug/L		12/11/24 04:48	12/22/24 05:15	1
2,4-Dinitrophenol	<0.104	U H	2.85	0.104	ug/L		12/11/24 04:48	12/22/24 05:15	1
2,4-Dinitrotoluene	<0.204	U H	0.571	0.204	ug/L		12/11/24 04:48	12/22/24 05:15	1
2,6-Dinitrotoluene	<0.116	U H	0.571	0.116	ug/L		12/11/24 04:48	12/22/24 05:15	1
2-Chloronaphthalene	<0.378	U H	0.571	0.378	ug/L		12/11/24 04:48	12/22/24 05:15	1
2-Methylnaphthalene	<0.0602	U H	0.571	0.0602	ug/L		12/11/24 04:48	12/22/24 05:15	1
2-Methylphenol	<0.105	U H	0.571	0.105	ug/L		12/11/24 04:48	12/22/24 05:15	1
2-Nitroaniline	<0.149	U H	0.571	0.149	ug/L		12/11/24 04:48	12/22/24 05:15	1
2-Nitrophenol	<0.136	U H	0.571	0.136	ug/L		12/11/24 04:48	12/22/24 05:15	1
3 & 4 Methylphenol	<0.139	U H	0.571	0.139	ug/L		12/11/24 04:48	12/22/24 05:15	1
3-Nitroaniline	<0.0851	U H	0.571	0.0851	ug/L		12/11/24 04:48	12/22/24 05:15	1
4,6-Dinitro-2-methylphenol	<0.201	U H	1.14	0.201	ug/L		12/11/24 04:48	12/22/24 05:15	1
4-Bromophenyl phenyl ether	<0.100	U H	0.571	0.100	ug/L		12/11/24 04:48	12/22/24 05:15	1
4-Chloro-3-methylphenol	<0.103	U H	0.571	0.103	ug/L		12/11/24 04:48	12/22/24 05:15	1
4-Chloroaniline	<0.0385	U H	0.571	0.0385	ug/L		12/11/24 04:48	12/22/24 05:15	1
4-Chlorophenyl phenyl ether	<0.130	U H	0.571	0.130	ug/L		12/11/24 04:48	12/22/24 05:15	1
4-Nitroaniline	<0.109	U H	0.571	0.109	ug/L		12/11/24 04:48	12/22/24 05:15	1
Acenaphthene	<0.107	U H	0.571	0.107	ug/L		12/11/24 04:48	12/22/24 05:15	1
Acenaphthylene	<0.0995	U H	0.571	0.0995	ug/L		12/11/24 04:48	12/22/24 05:15	1
Aniline	<0.0579	U H	0.571	0.0579	ug/L		12/11/24 04:48	12/22/24 05:15	1
Anthracene	<0.0937	U *+ H	0.571	0.0937	ug/L		12/11/24 04:48	12/22/24 05:15	1
Benzo[a]anthracene	<0.0285	U *+ H	0.0285	0.0285	ug/L		12/11/24 04:48	12/22/24 05:15	1
Benzo[a]pyrene	<0.0300	U H	0.0571	0.0300	ug/L		12/11/24 04:48	12/22/24 05:15	1
Benzo[b]fluoranthene	<0.0663	U *+ H	0.571	0.0663	ug/L		12/11/24 04:48	12/22/24 05:15	1
Benzo[g,h,i]perylene	<0.0345	U H	0.571	0.0345	ug/L		12/11/24 04:48	12/22/24 05:15	1
Benzo[k]fluoranthene	<0.0472	U H	0.571	0.0472	ug/L		12/11/24 04:48	12/22/24 05:15	1

Client Sample ID: MW-11
Lab Sample ID: 860-86945-8
Date Collected: 11/12/24 14:54
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl alcohol	<0.599	U H	1.14	0.599	ug/L		12/11/24 04:48	12/22/24 05:15	1
Bis(2-chloroethoxy)methane	<0.0973	U H	0.571	0.0973	ug/L		12/11/24 04:48	12/22/24 05:15	1
Bis(2-chloroethyl)ether	<0.214	U H	0.571	0.214	ug/L		12/11/24 04:48	12/22/24 05:15	1
Bis(2-ethylhexyl) phthalate	<0.899	U *+ H	1.14	0.899	ug/L		12/11/24 04:48	12/22/24 05:15	1
Butyl benzyl phthalate	<0.499	U H	1.14	0.499	ug/L		12/11/24 04:48	12/22/24 05:15	1
Chrysene	<0.0814	U *+ H	0.571	0.0814	ug/L		12/11/24 04:48	12/22/24 05:15	1
Dibenz(a,h)anthracene	<0.0508	U H	0.114	0.0508	ug/L		12/11/24 04:48	12/22/24 05:15	1
Dibenzofuran	<0.106	U H	0.571	0.106	ug/L		12/11/24 04:48	12/22/24 05:15	1
Diethyl phthalate	<0.154	U H	1.14	0.154	ug/L		12/11/24 04:48	12/22/24 05:15	1
Dimethyl phthalate	<0.108	U H	1.14	0.108	ug/L		12/11/24 04:48	12/22/24 05:15	1
Di-n-butyl phthalate	<0.764	U H	1.14	0.764	ug/L		12/11/24 04:48	12/22/24 05:15	1
Di-n-octyl phthalate	<0.269	U H	1.14	0.269	ug/L		12/11/24 04:48	12/22/24 05:15	1
Fluoranthene	<0.0882	U H	0.571	0.0882	ug/L		12/11/24 04:48	12/22/24 05:15	1
Fluorene	<0.0947	U H	0.571	0.0947	ug/L		12/11/24 04:48	12/22/24 05:15	1
Hexachlorobenzene	<0.0973	U H	0.571	0.0973	ug/L		12/11/24 04:48	12/22/24 05:15	1
Hexachlorobutadiene	<0.103	U H	0.571	0.103	ug/L		12/11/24 04:48	12/22/24 05:15	1
Hexachlorocyclopentadiene	<0.0511	U *+ H	0.571	0.0511	ug/L		12/11/24 04:48	12/22/24 05:15	1
Hexachloroethane	<0.102	U H	0.571	0.102	ug/L		12/11/24 04:48	12/22/24 05:15	1
Indeno[1,2,3-cd]pyrene	<0.0999	U H	0.571	0.0999	ug/L		12/11/24 04:48	12/22/24 05:15	1
Isophorone	<0.106	U H	0.571	0.106	ug/L		12/11/24 04:48	12/22/24 05:15	1
Naphthalene	<0.0943	U H	0.571	0.0943	ug/L		12/11/24 04:48	12/22/24 05:15	1
Nitrobenzene	<0.0735	U H	0.571	0.0735	ug/L		12/11/24 04:48	12/22/24 05:15	1
N-Nitrosodi-n-propylamine	<0.118	U H	0.571	0.118	ug/L		12/11/24 04:48	12/22/24 05:15	1
N-Nitrosodiphenylamine	<0.144	U H	0.571	0.144	ug/L		12/11/24 04:48	12/22/24 05:15	1
Pentachlorophenol	<1.04	U H	1.14	1.04	ug/L		12/11/24 04:48	12/22/24 05:15	1
Phenanthrene	<0.134	U *+ H	0.571	0.134	ug/L		12/11/24 04:48	12/22/24 05:15	1
Phenol	<0.447	U H	2.85	0.447	ug/L		12/11/24 04:48	12/22/24 05:15	1
Pyrene	<0.0847	U H	0.571	0.0847	ug/L		12/11/24 04:48	12/22/24 05:15	1
Pyridine	<1.44	U H *1	2.85	1.44	ug/L		12/11/24 04:48	12/22/24 05:15	1
N-Nitro-o-toluidine	<0.519	U H *1	1.14	0.519	ug/L		12/11/24 04:48	12/22/24 05:15	1
2,3,4,6-Tetrachlorophenol	<0.210	U *+ H	0.571	0.210	ug/L		12/11/24 04:48	12/22/24 05:15	1
Acetophenone	<0.623	U H	1.14	0.623	ug/L		12/11/24 04:48	12/22/24 05:15	1
N-Nitrosopiperidine	<0.467	U H *1	1.14	0.467	ug/L		12/11/24 04:48	12/22/24 05:15	1
Pentachlorobenzene	<0.266	U H	0.571	0.266	ug/L		12/11/24 04:48	12/22/24 05:15	1
Diphenyl ether	**0.0930**	**J H I**	0.571	0.0909	ug/L		12/11/24 04:48	12/22/24 05:15	1
1,1'-Biphenyl	<0.0980	U H	0.571	0.0980	ug/L		12/11/24 04:48	12/22/24 05:15	1
4-Aminobiphenyl	<0.393	U H *1	0.571	0.393	ug/L		12/11/24 04:48	12/22/24 05:15	1
1,2,4,5-Tetrachlorobenzene	<0.0956	U H	0.571	0.0956	ug/L		12/11/24 04:48	12/22/24 05:15	1
1,3,5-Trinitrobenzene	<0.119	U H *1	0.571	0.119	ug/L		12/11/24 04:48	12/22/24 05:15	1
1,3-Dinitrobenzene	<0.0772	U H	0.571	0.0772	ug/L		12/11/24 04:48	12/22/24 05:15	1
1,4-Naphthoquinone	<0.314	U H	0.571	0.314	ug/L		12/11/24 04:48	12/22/24 05:15	1
1-Naphthylamine	<0.148	U H *1	0.571	0.148	ug/L		12/11/24 04:48	12/22/24 05:15	1
2,6-Dichlorophenol	<0.118	U H	0.571	0.118	ug/L		12/11/24 04:48	12/22/24 05:15	1
2-Acetylaminofluorene	<1.26	U *+ H *1	2.85	1.26	ug/L		12/11/24 04:48	12/22/24 05:15	1
2-Chlorophenol	<0.0755	U H	0.571	0.0755	ug/L		12/11/24 04:48	12/22/24 05:15	1
2-Naphthylamine	<0.288	U H *1	0.571	0.288	ug/L		12/11/24 04:48	12/22/24 05:15	1
2-Picoline	<0.123	U H *1	0.571	0.123	ug/L		12/11/24 04:48	12/22/24 05:15	1
2-Toluidine	<0.306	U H *1	0.571	0.306	ug/L		12/11/24 04:48	12/22/24 05:15	1
3,3'-Dichlorobenzidine	<0.183	U H	0.571	0.183	ug/L		12/11/24 04:48	12/22/24 05:15	1

Client Sample ID: MW-11
Lab Sample ID: 860-86945-8
Date Collected: 11/12/24 14:54
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dimethylbenzidine	<0.142	U H *1	0.571	0.142	ug/L		12/11/24 04:48	12/22/24 05:15	1
3-Methylcholanthrene	<0.104	U H	0.571	0.104	ug/L		12/11/24 04:48	12/22/24 05:15	1
4-Nitroquinoline-1-oxide	<0.729	U H *1	1.14	0.729	ug/L		12/11/24 04:48	12/22/24 05:15	1
7,12-Dimethylbenz(a)anthracene	<0.241	U H	0.571	0.241	ug/L		12/11/24 04:48	12/22/24 05:15	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U H *-	5.71	3.67	ug/L		12/11/24 04:48	12/22/24 05:15	1
Aramite Peak 1	<0.0784	U *+ H	0.571	0.0784	ug/L		12/11/24 04:48	12/22/24 05:15	1
Aramite Peak 2	<0.0952	U H	0.571	0.0952	ug/L		12/11/24 04:48	12/22/24 05:15	1
Aramite, Total	<0.0952	U H	0.571	0.0952	ug/L		12/11/24 04:48	12/22/24 05:15	1
Diallate	<0.0834	U H	0.571	0.0834	ug/L		12/11/24 04:48	12/22/24 05:15	1
Diallate Peak 1	<0.0834	U H	0.571	0.0834	ug/L		12/11/24 04:48	12/22/24 05:15	1
Diallate Peak 2	<0.0385	U H	0.571	0.0385	ug/L		12/11/24 04:48	12/22/24 05:15	1
Dimethoate	<0.121	U H *+	0.571	0.121	ug/L		12/11/24 04:48	12/22/24 05:15	1
Dinoseb	<0.569	U H	2.85	0.569	ug/L		12/11/24 04:48	12/22/24 05:15	1
Disulfoton	<0.202	U H	0.571	0.202	ug/L		12/11/24 04:48	12/22/24 05:15	1
Ethyl methanesulfonate	<0.226	U H	0.571	0.226	ug/L		12/11/24 04:48	12/22/24 05:15	1
Ethyl Parathion	<0.0501	U H	0.228	0.0501	ug/L		12/11/24 04:48	12/22/24 05:15	1
Famphur	<0.151	U H	1.14	0.151	ug/L		12/11/24 04:48	12/22/24 05:15	1
Hexachloropropene	<0.299	U H	0.571	0.299	ug/L		12/11/24 04:48	12/22/24 05:15	1
Isosafrole	<0.240	U H	0.571	0.240	ug/L		12/11/24 04:48	12/22/24 05:15	1
Isosafrole Peak 1	<0.0463	U H	0.571	0.0463	ug/L		12/11/24 04:48	12/22/24 05:15	1
Isosafrole Peak 2	<0.240	U H	0.571	0.240	ug/L		12/11/24 04:48	12/22/24 05:15	1
Methapyrilene	<0.998	U H	2.28	0.998	ug/L		12/11/24 04:48	12/22/24 05:15	1
Methyl methanesulfonate	<0.120	U H	0.571	0.120	ug/L		12/11/24 04:48	12/22/24 05:15	1
Methyl parathion	<0.319	U H	0.571	0.319	ug/L		12/11/24 04:48	12/22/24 05:15	1
N-Nitrosodiethylamine	<0.538	U H *1	1.14	0.538	ug/L		12/11/24 04:48	12/22/24 05:15	1
N-Nitrosodimethylamine	<0.0999	U H *-	0.571	0.0999	ug/L		12/11/24 04:48	12/22/24 05:15	1
N-Nitrosodi-n-butylamine	<0.515	U H *1	1.14	0.515	ug/L		12/11/24 04:48	12/22/24 05:15	1
N-Nitrosomethylethylamine	<0.293	U H *1	0.571	0.293	ug/L		12/11/24 04:48	12/22/24 05:15	1
N-Nitrosomorpholine	<0.220	U H *1	0.571	0.220	ug/L		12/11/24 04:48	12/22/24 05:15	1
N-Nitrosopyrrolidine	<0.267	U H *1	0.571	0.267	ug/L		12/11/24 04:48	12/22/24 05:15	1
o,o',o''-Triethylphosphorothioate	<0.138	U H	0.571	0.138	ug/L		12/11/24 04:48	12/22/24 05:15	1
p-Dimethylamino azobenzene	<0.0237	U H *1	0.571	0.0237	ug/L		12/11/24 04:48	12/22/24 05:15	1
Pentachloronitrobenzene	<0.0999	U H *1	0.571	0.0999	ug/L		12/11/24 04:48	12/22/24 05:15	1
Phenacetin	<0.0999	U H *1	0.571	0.0999	ug/L		12/11/24 04:48	12/22/24 05:15	1
Phorate	<0.221	U H	0.571	0.221	ug/L		12/11/24 04:48	12/22/24 05:15	1
p-Phenylene diamine	<0.499	U H *-	1.14	0.499	ug/L		12/11/24 04:48	12/22/24 05:15	1
Pronamide	<0.0999	U H *1	0.571	0.0999	ug/L		12/11/24 04:48	12/22/24 05:15	1
Safrole, Total	<0.0570	U H	0.571	0.0570	ug/L		12/11/24 04:48	12/22/24 05:15	1
Sulfotepp	<0.146	U H *+	0.571	0.146	ug/L		12/11/24 04:48	12/22/24 05:15	1
Thionazin	<0.208	U H	1.14	0.208	ug/L		12/11/24 04:48	12/22/24 05:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*92*		*35 - 130*	*12/11/24 04:48*	*12/22/24 05:15*	*1*
2-Fluorobiphenyl	*77*		*43 - 130*	*12/11/24 04:48*	*12/22/24 05:15*	*1*
2-Fluorophenol (Surr)	*83*		*19 - 120*	*12/11/24 04:48*	*12/22/24 05:15*	*1*
Nitrobenzene-d5 (Surr)	*84*		*37 - 133*	*12/11/24 04:48*	*12/22/24 05:15*	*1*
Phenol-d5 (Surr)	*66*		*8 - 124*	*12/11/24 04:48*	*12/22/24 05:15*	*1*
p-Terphenyl-d14	*99*		*47 - 130*	*12/11/24 04:48*	*12/22/24 05:15*	*1*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: MW-5

Date Collected: 11/12/24 15:21
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-9

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/15/24 23:29	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/15/24 23:29	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/15/24 23:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/15/24 23:29	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/15/24 23:29	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/15/24 23:29	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/15/24 23:29	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/15/24 23:29	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/15/24 23:29	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/15/24 23:29	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/15/24 23:29	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/15/24 23:29	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/15/24 23:29	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/15/24 23:29	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/15/24 23:29	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/15/24 23:29	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/15/24 23:29	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/15/24 23:29	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/15/24 23:29	1
Acetone	**9.55**	**J**	100	3.07	ug/L			11/15/24 23:29	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/15/24 23:29	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/15/24 23:29	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/15/24 23:29	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/15/24 23:29	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/15/24 23:29	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/15/24 23:29	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/15/24 23:29	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/15/24 23:29	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/15/24 23:29	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/15/24 23:29	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/15/24 23:29	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/15/24 23:29	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/15/24 23:29	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/15/24 23:29	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/15/24 23:29	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/15/24 23:29	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/15/24 23:29	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/15/24 23:29	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/15/24 23:29	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/15/24 23:29	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/15/24 23:29	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/15/24 23:29	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/15/24 23:29	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/15/24 23:29	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/15/24 23:29	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/15/24 23:29	1
Tetrahydrofuran	**2.38**	**J**	10.0	1.83	ug/L			11/15/24 23:29	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/15/24 23:29	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/15/24 23:29	1

Client Sample ID: MW-5

Date Collected: 11/12/24 15:21
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-9

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/15/24 23:29	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/15/24 23:29	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/15/24 23:29	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/15/24 23:29	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/15/24 23:29	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/15/24 23:29	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/15/24 23:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*63 - 144*		*11/15/24 23:29*	*1*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*11/15/24 23:29*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 131*		*11/15/24 23:29*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/15/24 23:29*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/19/24 18:39	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/19/24 18:39	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/19/24 18:39	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/19/24 18:39	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/19/24 18:39	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/19/24 18:39	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/19/24 18:39	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/19/24 18:39	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/19/24 18:39	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/19/24 18:39	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/19/24 18:39	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/19/24 18:39	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/19/24 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*11/19/24 18:39*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*11/19/24 18:39*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*11/19/24 18:39*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/19/24 18:39*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0763	U *-	0.569	0.0763	ug/L		11/15/24 05:06	12/20/24 16:19	1
1,2-Dichlorobenzene	<0.0937	U	0.569	0.0937	ug/L		11/15/24 05:06	12/20/24 16:19	1
1,3-Dichlorobenzene	<0.101	U	0.569	0.101	ug/L		11/15/24 05:06	12/20/24 16:19	1
1,4-Dichlorobenzene	<0.0776	U	0.569	0.0776	ug/L		11/15/24 05:06	12/20/24 16:19	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.84	1.42	ug/L		11/15/24 05:06	12/20/24 16:19	1
2,4,5-Trichlorophenol	<0.143	U	0.569	0.143	ug/L		11/15/24 05:06	12/20/24 16:19	1
2,4,6-Trichlorophenol	<0.230	U	0.569	0.230	ug/L		11/15/24 05:06	12/20/24 16:19	1
2,4-Dichlorophenol	<0.139	U	0.569	0.139	ug/L		11/15/24 05:06	12/20/24 16:19	1
2,4-Dimethylphenol	<0.191	U *+	0.569	0.191	ug/L		11/15/24 05:06	12/20/24 16:19	1
2,4-Dinitrophenol	<0.104	U	2.84	0.104	ug/L		11/15/24 05:06	12/20/24 16:19	1
2,4-Dinitrotoluene	<0.204	U	0.569	0.204	ug/L		11/15/24 05:06	12/20/24 16:19	1
2,6-Dinitrotoluene	<0.116	U	0.569	0.116	ug/L		11/15/24 05:06	12/20/24 16:19	1

Client Sample ID: MW-5
Date Collected: 11/12/24 15:21
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-9
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	<0.377	U	0.569	0.377	ug/L		11/15/24 05:06	12/20/24 16:19	1
2-Methylnaphthalene	**0.129**	**J I**	0.569	0.0600	ug/L		11/15/24 05:06	12/20/24 16:19	1
2-Methylphenol	<0.104	U	0.569	0.104	ug/L		11/15/24 05:06	12/20/24 16:19	1
2-Nitroaniline	<0.148	U	0.569	0.148	ug/L		11/15/24 05:06	12/20/24 16:19	1
2-Nitrophenol	<0.135	U	0.569	0.135	ug/L		11/15/24 05:06	12/20/24 16:19	1
3 & 4 Methylphenol	<0.138	U	0.569	0.138	ug/L		11/15/24 05:06	12/20/24 16:19	1
3-Nitroaniline	<0.0849	U	0.569	0.0849	ug/L		11/15/24 05:06	12/20/24 16:19	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/15/24 05:06	12/20/24 16:19	1
4-Bromophenyl phenyl ether	<0.0999	U	0.569	0.0999	ug/L		11/15/24 05:06	12/20/24 16:19	1
4-Chloro-3-methylphenol	<0.103	U	0.569	0.103	ug/L		11/15/24 05:06	12/20/24 16:19	1
4-Chloroaniline	<0.0384	U	0.569	0.0384	ug/L		11/15/24 05:06	12/20/24 16:19	1
4-Chlorophenyl phenyl ether	<0.130	U	0.569	0.130	ug/L		11/15/24 05:06	12/20/24 16:19	1
4-Nitroaniline	<0.108	U	0.569	0.108	ug/L		11/15/24 05:06	12/20/24 16:19	1
Acenaphthene	**0.505**	**J**	0.569	0.107	ug/L		11/15/24 05:06	12/20/24 16:19	1
Acenaphthylene	<0.0992	U	0.569	0.0992	ug/L		11/15/24 05:06	12/20/24 16:19	1
Aniline	<0.0577	U	0.569	0.0577	ug/L		11/15/24 05:06	12/20/24 16:19	1
Anthracene	**0.0985**	**J**	0.569	0.0934	ug/L		11/15/24 05:06	11/28/24 17:22	1
Benzo[a]anthracene	<0.0284	U *+	0.0284	0.0284	ug/L		11/15/24 05:06	12/20/24 16:19	1
Benzo[a]pyrene	<0.0299	U	0.0569	0.0299	ug/L		11/15/24 05:06	12/20/24 16:19	1
Benzo[b]fluoranthene	<0.0661	U	0.569	0.0661	ug/L		11/15/24 05:06	12/20/24 16:19	1
Benzo[g,h,i]perylene	<0.0344	U	0.569	0.0344	ug/L		11/15/24 05:06	12/20/24 16:19	1
Benzo[k]fluoranthene	<0.0470	U	0.569	0.0470	ug/L		11/15/24 05:06	12/20/24 16:19	1
Benzyl alcohol	<0.597	U *-	1.14	0.597	ug/L		11/15/24 05:06	12/20/24 16:19	1
Bis(2-chloroethoxy)methane	<0.0970	U	0.569	0.0970	ug/L		11/15/24 05:06	12/20/24 16:19	1
Bis(2-chloroethyl)ether	<0.213	U	0.569	0.213	ug/L		11/15/24 05:06	12/20/24 16:19	1
Bis(2-ethylhexyl) phthalate	<0.896	U	1.14	0.896	ug/L		11/15/24 05:06	12/20/24 16:19	1
Butyl benzyl phthalate	<0.498	U	1.14	0.498	ug/L		11/15/24 05:06	12/20/24 16:19	1
Chrysene	<0.0812	U	0.569	0.0812	ug/L		11/15/24 05:06	12/20/24 16:19	1
Dibenz(a,h)anthracene	<0.0507	U	0.114	0.0507	ug/L		11/15/24 05:06	12/20/24 16:19	1
Dibenzofuran	<0.106	U	0.569	0.106	ug/L		11/15/24 05:06	12/20/24 16:19	1
Diethyl phthalate	**0.216**	**J *+**	1.14	0.154	ug/L		11/15/24 05:06	12/20/24 16:19	1
Dimethyl phthalate	<0.108	U *+	1.14	0.108	ug/L		11/15/24 05:06	12/20/24 16:19	1
Di-n-butyl phthalate	<0.762	U *+	1.14	0.762	ug/L		11/15/24 05:06	12/20/24 16:19	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/15/24 05:06	12/20/24 16:19	1
Fluoranthene	<0.0879	U	0.569	0.0879	ug/L		11/15/24 05:06	12/20/24 16:19	1
Fluorene	**0.170**	**J**	0.569	0.0944	ug/L		11/15/24 05:06	12/20/24 16:19	1
Hexachlorobenzene	<0.0971	U	0.569	0.0971	ug/L		11/15/24 05:06	12/20/24 16:19	1
Hexachlorobutadiene	<0.102	U	0.569	0.102	ug/L		11/15/24 05:06	12/20/24 16:19	1
Hexachlorocyclopentadiene	<0.0510	U	0.569	0.0510	ug/L		11/15/24 05:06	12/20/24 16:19	1
Hexachloroethane	<0.101	U	0.569	0.101	ug/L		11/15/24 05:06	12/20/24 16:19	1
Indeno[1,2,3-cd]pyrene	<0.0996	U	0.569	0.0996	ug/L		11/15/24 05:06	12/20/24 16:19	1
Isophorone	<0.106	U	0.569	0.106	ug/L		11/15/24 05:06	12/20/24 16:19	1
Naphthalene	<0.0940	U	0.569	0.0940	ug/L		11/15/24 05:06	12/20/24 16:19	1
Nitrobenzene	**2.12**	**I**	0.569	0.0733	ug/L		11/15/24 05:06	12/20/24 16:19	1
N-Nitrosodi-n-propylamine	<0.118	U	0.569	0.118	ug/L		11/15/24 05:06	12/20/24 16:19	1
N-Nitrosodiphenylamine	<0.144	U	0.569	0.144	ug/L		11/15/24 05:06	12/20/24 16:19	1
Pentachlorophenol	<1.03	U	1.14	1.03	ug/L		11/15/24 05:06	12/20/24 16:19	1
Phenanthrene	<0.133	U	0.569	0.133	ug/L		11/15/24 05:06	12/20/24 16:19	1
Phenol	<0.446	U	2.84	0.446	ug/L		11/15/24 05:06	12/20/24 16:19	1

Client Sample ID: MW-5
Date Collected: 11/12/24 15:21
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-9
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	<0.0845	U *+	0.569	0.0845	ug/L		11/15/24 05:06	12/20/24 16:19	1
Pyridine	<1.43	U *1	2.84	1.43	ug/L		11/15/24 05:06	12/20/24 16:19	1
N-Nitro-o-toluidine	<0.518	U	1.14	0.518	ug/L		11/15/24 05:06	12/20/24 16:19	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.569	0.210	ug/L		11/15/24 05:06	12/20/24 16:19	1
Acetophenone	<0.621	U	1.14	0.621	ug/L		11/15/24 05:06	12/20/24 16:19	1
N-Nitrosopiperidine	<0.465	U	1.14	0.465	ug/L		11/15/24 05:06	12/20/24 16:19	1
Pentachlorobenzene	<0.265	U	0.569	0.265	ug/L		11/15/24 05:06	12/20/24 16:19	1
Diphenyl ether	**3.76**		0.569	0.0906	ug/L		11/15/24 05:06	12/20/24 16:19	1
1,1'-Biphenyl	<0.0977	U	0.569	0.0977	ug/L		11/15/24 05:06	12/20/24 16:19	1
4-Aminobiphenyl	<0.392	U	0.569	0.392	ug/L		11/15/24 05:06	12/20/24 16:19	1
1,2,4,5-Tetrachlorobenzene	<0.0953	U *-	0.569	0.0953	ug/L		11/15/24 05:06	12/20/24 16:19	1
1,3,5-Trinitrobenzene	<0.118	U	0.569	0.118	ug/L		11/15/24 05:06	12/20/24 16:19	1
1,3-Dinitrobenzene	<0.0770	U	0.569	0.0770	ug/L		11/15/24 05:06	12/20/24 16:19	1
1,4-Naphthoquinone	<0.313	U	0.569	0.313	ug/L		11/15/24 05:06	12/20/24 16:19	1
1-Naphthylamine	<0.148	U	0.569	0.148	ug/L		11/15/24 05:06	12/20/24 16:19	1
2,6-Dichlorophenol	<0.118	U	0.569	0.118	ug/L		11/15/24 05:06	12/20/24 16:19	1
2-Acetylaminofluorene	<1.26	U *+	2.84	1.26	ug/L		11/15/24 05:06	12/20/24 16:19	1
2-Chlorophenol	<0.0753	U	0.569	0.0753	ug/L		11/15/24 05:06	12/20/24 16:19	1
2-Naphthylamine	<0.287	U	0.569	0.287	ug/L		11/15/24 05:06	12/20/24 16:19	1
2-Picoline	<0.122	U *- *1	0.569	0.122	ug/L		11/15/24 05:06	12/20/24 16:19	1
2-Toluidine	<0.305	U	0.569	0.305	ug/L		11/15/24 05:06	12/20/24 16:19	1
3,3'-Dichlorobenzidine	<0.182	U	0.569	0.182	ug/L		11/15/24 05:06	12/20/24 16:19	1
3,3'-Dimethylbenzidine	<0.141	U	0.569	0.141	ug/L		11/15/24 05:06	12/20/24 16:19	1
3-Methylcholanthrene	<0.104	U	0.569	0.104	ug/L		11/15/24 05:06	12/20/24 16:19	1
4-Nitroquinoline-1-oxide	<0.727	U	1.14	0.727	ug/L		11/15/24 05:06	12/20/24 16:19	1
7,12-Dimethylbenz(a)anthracene	<0.240	U	0.569	0.240	ug/L		11/15/24 05:06	12/20/24 16:19	1
alpha,alpha-Dimethyl phenethylamine	<3.65	U *- *1	5.69	3.65	ug/L		11/15/24 05:06	12/20/24 16:19	1
Aramite Peak 1	<0.0782	U	0.569	0.0782	ug/L		11/15/24 05:06	12/20/24 16:19	1
Aramite Peak 2	<0.0950	U	0.569	0.0950	ug/L		11/15/24 05:06	12/20/24 16:19	1
Aramite, Total	<0.0950	U	0.569	0.0950	ug/L		11/15/24 05:06	12/20/24 16:19	1
Diallate	<0.0831	U	0.569	0.0831	ug/L		11/15/24 05:06	12/20/24 16:19	1
Diallate Peak 1	<0.0831	U	0.569	0.0831	ug/L		11/15/24 05:06	12/20/24 16:19	1
Diallate Peak 2	<0.0384	U	0.569	0.0384	ug/L		11/15/24 05:06	12/20/24 16:19	1
Dimethoate	<0.121	U *+	0.569	0.121	ug/L		11/15/24 05:06	12/20/24 16:19	1
Dinoseb	<0.567	U *+	2.84	0.567	ug/L		11/15/24 05:06	12/20/24 16:19	1
Disulfoton	<0.202	U *+	0.569	0.202	ug/L		11/15/24 05:06	12/20/24 16:19	1
Ethyl methanesulfonate	<0.226	U	0.569	0.226	ug/L		11/15/24 05:06	12/20/24 16:19	1
Ethyl Parathion	<0.0500	U *+	0.228	0.0500	ug/L		11/15/24 05:06	12/20/24 16:19	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/15/24 05:06	12/20/24 16:19	1
Hexachloropropene	<0.298	U *-	0.569	0.298	ug/L		11/15/24 05:06	12/20/24 16:19	1
Isosafrole	<0.240	U	0.569	0.240	ug/L		11/15/24 05:06	12/20/24 16:19	1
Isosafrole Peak 1	<0.0461	U	0.569	0.0461	ug/L		11/15/24 05:06	12/20/24 16:19	1
Isosafrole Peak 2	<0.240	U	0.569	0.240	ug/L		11/15/24 05:06	12/20/24 16:19	1
Methapyrilene	<0.995	U *+	2.28	0.995	ug/L		11/15/24 05:06	12/20/24 16:19	1
Methyl methanesulfonate	<0.119	U	0.569	0.119	ug/L		11/15/24 05:06	12/20/24 16:19	1
Methyl parathion	<0.318	U *+	0.569	0.318	ug/L		11/15/24 05:06	12/20/24 16:19	1
N-Nitrosodiethylamine	<0.536	U	1.14	0.536	ug/L		11/15/24 05:06	12/20/24 16:19	1
N-Nitrosodimethylamine	<0.0996	U *-	0.569	0.0996	ug/L		11/15/24 05:06	12/20/24 16:19	1
N-Nitrosodi-n-butylamine	<0.513	U	1.14	0.513	ug/L		11/15/24 05:06	12/20/24 16:19	1

Client Sample ID: MW-5
Date Collected: 11/12/24 15:21
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-9
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosomethylethylamine	<0.293	U	0.569	0.293	ug/L		11/15/24 05:06	12/20/24 16:19	1
N-Nitrosomorpholine	<0.219	U	0.569	0.219	ug/L		11/15/24 05:06	12/20/24 16:19	1
N-Nitrosopyrrolidine	<0.267	U *-	0.569	0.267	ug/L		11/15/24 05:06	12/20/24 16:19	1
o,o',o''-Triethylphosphorothioate	**16.1**	***+**	0.569	0.138	ug/L		11/15/24 05:06	12/20/24 16:19	1
p-Dimethylamino azobenzene	<0.0237	U	0.569	0.0237	ug/L		11/15/24 05:06	12/20/24 16:19	1
Pentachloronitrobenzene	<0.0996	U *+	0.569	0.0996	ug/L		11/15/24 05:06	12/20/24 16:19	1
Phenacetin	<0.0996	U	0.569	0.0996	ug/L		11/15/24 05:06	12/20/24 16:19	1
Phorate	<0.220	U *+	0.569	0.220	ug/L		11/15/24 05:06	12/20/24 16:19	1
p-Phenylene diamine	<0.498	U *- *1	1.14	0.498	ug/L		11/15/24 05:06	12/20/24 16:19	1
Pronamide	<0.0996	U *+	0.569	0.0996	ug/L		11/15/24 05:06	12/20/24 16:19	1
Safrole, Total	<0.0569	U	0.569	0.0569	ug/L		11/15/24 05:06	12/20/24 16:19	1
Sulfotepp	**7.75**	***+**	0.569	0.146	ug/L		11/15/24 05:06	12/20/24 16:19	1
Thionazin	<0.207	U *+	1.14	0.207	ug/L		11/15/24 05:06	12/20/24 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*166*	*S1+*	*35 - 130*	*11/15/24 05:06*	*12/20/24 16:19*	*1*
2-Fluorobiphenyl	*95*		*43 - 130*	*11/15/24 05:06*	*12/20/24 16:19*	*1*
2-Fluorophenol (Surr)	*75*		*19 - 120*	*11/15/24 05:06*	*12/20/24 16:19*	*1*
Nitrobenzene-d5 (Surr)	*122*		*37 - 133*	*11/15/24 05:06*	*12/20/24 16:19*	*1*
Phenol-d5 (Surr)	*44*		*8 - 124*	*11/15/24 05:06*	*12/20/24 16:19*	*1*
p-Terphenyl-d14	*135*	*S1+*	*47 - 130*	*11/15/24 05:06*	*12/20/24 16:19*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**306**		28.4	4.43	ug/L		11/15/24 05:06	12/11/24 06:52	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*53*		*35 - 130*	*11/15/24 05:06*	*12/11/24 06:52*	*50*
2-Fluorobiphenyl	*108*		*43 - 130*	*11/15/24 05:06*	*12/11/24 06:52*	*50*
2-Fluorophenol (Surr)	*60*		*19 - 120*	*11/15/24 05:06*	*12/11/24 06:52*	*50*
Nitrobenzene-d5 (Surr)	*88*		*37 - 133*	*11/15/24 05:06*	*12/11/24 06:52*	*50*
Phenol-d5 (Surr)	*61*		*8 - 124*	*11/15/24 05:06*	*12/11/24 06:52*	*50*
p-Terphenyl-d14	*108*		*47 - 130*	*11/15/24 05:06*	*12/11/24 06:52*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0763	U H	0.569	0.0763	ug/L		12/11/24 04:48	12/22/24 05:45	1
1,2-Dichlorobenzene	<0.0937	U H	0.569	0.0937	ug/L		12/11/24 04:48	12/22/24 05:45	1
1,3-Dichlorobenzene	<0.101	U H	0.569	0.101	ug/L		12/11/24 04:48	12/22/24 05:45	1
1,4-Dichlorobenzene	<0.0776	U H	0.569	0.0776	ug/L		12/11/24 04:48	12/22/24 05:45	1
2,2'-oxybis[1-chloropropane]	<1.42	U H	2.84	1.42	ug/L		12/11/24 04:48	12/22/24 05:45	1
2,4,5-Trichlorophenol	<0.143	U H	0.569	0.143	ug/L		12/11/24 04:48	12/22/24 05:45	1
2,4,6-Trichlorophenol	<0.230	U H	0.569	0.230	ug/L		12/11/24 04:48	12/22/24 05:45	1
2,4-Dichlorophenol	<0.139	U H	0.569	0.139	ug/L		12/11/24 04:48	12/22/24 05:45	1
2,4-Dimethylphenol	<0.191	U *+ H	0.569	0.191	ug/L		12/11/24 04:48	12/22/24 05:45	1
2,4-Dinitrophenol	<0.104	U H	2.84	0.104	ug/L		12/11/24 04:48	12/22/24 05:45	1
2,4-Dinitrotoluene	<0.204	U H	0.569	0.204	ug/L		12/11/24 04:48	12/22/24 05:45	1
2,6-Dinitrotoluene	<0.116	U H	0.569	0.116	ug/L		12/11/24 04:48	12/22/24 05:45	1
2-Chloronaphthalene	<0.377	U H	0.569	0.377	ug/L		12/11/24 04:48	12/22/24 05:45	1
2-Methylnaphthalene	<0.0600	U H	0.569	0.0600	ug/L		12/11/24 04:48	12/22/24 05:45	1

Client Sample ID: MW-5
Lab Sample ID: 860-86945-9
Date Collected: 11/12/24 15:21
Matrix: Water
Date Received: 11/13/24 09:46

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	<0.104	U H	0.569	0.104	ug/L		12/11/24 04:48	12/22/24 05:45	1
2-Nitroaniline	<0.148	U H	0.569	0.148	ug/L		12/11/24 04:48	12/22/24 05:45	1
2-Nitrophenol	<0.135	U H	0.569	0.135	ug/L		12/11/24 04:48	12/22/24 05:45	1
3 & 4 Methylphenol	<0.138	U H	0.569	0.138	ug/L		12/11/24 04:48	12/22/24 05:45	1
3-Nitroaniline	<0.0849	U H	0.569	0.0849	ug/L		12/11/24 04:48	12/22/24 05:45	1
4,6-Dinitro-2-methylphenol	<0.201	U H	1.14	0.201	ug/L		12/11/24 04:48	12/22/24 05:45	1
4-Bromophenyl phenyl ether	<0.0999	U H	0.569	0.0999	ug/L		12/11/24 04:48	12/22/24 05:45	1
4-Chloro-3-methylphenol	<0.103	U H	0.569	0.103	ug/L		12/11/24 04:48	12/22/24 05:45	1
4-Chloroaniline	<0.0384	U H	0.569	0.0384	ug/L		12/11/24 04:48	12/22/24 05:45	1
4-Chlorophenyl phenyl ether	<0.130	U H	0.569	0.130	ug/L		12/11/24 04:48	12/22/24 05:45	1
4-Nitroaniline	**0.262**	**J H I**	0.569	0.108	ug/L		12/11/24 04:48	12/22/24 05:45	1
Acenaphthene	**0.327**	**J H**	0.569	0.107	ug/L		12/11/24 04:48	12/22/24 05:45	1
Acenaphthylene	<0.0992	U H	0.569	0.0992	ug/L		12/11/24 04:48	12/22/24 05:45	1
Aniline	<0.0577	U H	0.569	0.0577	ug/L		12/11/24 04:48	12/22/24 05:45	1
Anthracene	<0.0934	U *+ H	0.569	0.0934	ug/L		12/11/24 04:48	12/22/24 05:45	1
Benzo[a]anthracene	<0.0284	U *+ H	0.0284	0.0284	ug/L		12/11/24 04:48	12/22/24 05:45	1
Benzo[a]pyrene	<0.0299	U H	0.0569	0.0299	ug/L		12/11/24 04:48	12/22/24 05:45	1
Benzo[b]fluoranthene	<0.0661	U *+ H	0.569	0.0661	ug/L		12/11/24 04:48	12/22/24 05:45	1
Benzo[g,h,i]perylene	<0.0344	U H	0.569	0.0344	ug/L		12/11/24 04:48	12/22/24 05:45	1
Benzo[k]fluoranthene	<0.0470	U H	0.569	0.0470	ug/L		12/11/24 04:48	12/22/24 05:45	1
Benzyl alcohol	<0.597	U H	1.14	0.597	ug/L		12/11/24 04:48	12/22/24 05:45	1
Bis(2-chloroethoxy)methane	<0.0970	U H	0.569	0.0970	ug/L		12/11/24 04:48	12/22/24 05:45	1
Bis(2-chloroethyl)ether	<0.213	U H	0.569	0.213	ug/L		12/11/24 04:48	12/22/24 05:45	1
Bis(2-ethylhexyl) phthalate	<0.896	U *+ H	1.14	0.896	ug/L		12/11/24 04:48	12/22/24 05:45	1
Butyl benzyl phthalate	<0.498	U H	1.14	0.498	ug/L		12/11/24 04:48	12/22/24 05:45	1
Chrysene	<0.0812	U *+ H	0.569	0.0812	ug/L		12/11/24 04:48	12/22/24 05:45	1
Dibenz(a,h)anthracene	<0.0507	U H	0.114	0.0507	ug/L		12/11/24 04:48	12/22/24 05:45	1
Dibenzofuran	<0.106	U H	0.569	0.106	ug/L		12/11/24 04:48	12/22/24 05:45	1
Diethyl phthalate	<0.154	U H	1.14	0.154	ug/L		12/11/24 04:48	12/22/24 05:45	1
Dimethyl phthalate	<0.108	U H	1.14	0.108	ug/L		12/11/24 04:48	12/22/24 05:45	1
Di-n-butyl phthalate	<0.762	U H	1.14	0.762	ug/L		12/11/24 04:48	12/22/24 05:45	1
Di-n-octyl phthalate	<0.268	U H	1.14	0.268	ug/L		12/11/24 04:48	12/22/24 05:45	1
Fluoranthene	<0.0879	U H	0.569	0.0879	ug/L		12/11/24 04:48	12/22/24 05:45	1
Fluorene	**0.108**	**J H**	0.569	0.0944	ug/L		12/11/24 04:48	12/22/24 05:45	1
Hexachlorobenzene	<0.0971	U H	0.569	0.0971	ug/L		12/11/24 04:48	12/22/24 05:45	1
Hexachlorobutadiene	<0.102	U H	0.569	0.102	ug/L		12/11/24 04:48	12/22/24 05:45	1
Hexachlorocyclopentadiene	<0.0510	U *+ H	0.569	0.0510	ug/L		12/11/24 04:48	12/22/24 05:45	1
Hexachloroethane	<0.101	U H	0.569	0.101	ug/L		12/11/24 04:48	12/22/24 05:45	1
Indeno[1,2,3-cd]pyrene	<0.0996	U H	0.569	0.0996	ug/L		12/11/24 04:48	12/22/24 05:45	1
Isophorone	<0.106	U H	0.569	0.106	ug/L		12/11/24 04:48	12/22/24 05:45	1
Naphthalene	<0.0940	U H	0.569	0.0940	ug/L		12/11/24 04:48	12/22/24 05:45	1
Nitrobenzene	<0.0733	U H	0.569	0.0733	ug/L		12/11/24 04:48	12/22/24 05:45	1
N-Nitrosodi-n-propylamine	<0.118	U H	0.569	0.118	ug/L		12/11/24 04:48	12/22/24 05:45	1
N-Nitrosodiphenylamine	<0.144	U H	0.569	0.144	ug/L		12/11/24 04:48	12/22/24 05:45	1
Pentachlorophenol	<1.03	U H	1.14	1.03	ug/L		12/11/24 04:48	12/22/24 05:45	1
Phenanthrene	<0.133	U *+ H	0.569	0.133	ug/L		12/11/24 04:48	12/22/24 05:45	1
Phenol	<0.446	U H	2.84	0.446	ug/L		12/11/24 04:48	12/22/24 05:45	1
Pyrene	<0.0845	U H	0.569	0.0845	ug/L		12/11/24 04:48	12/22/24 05:45	1
Pyridine	<1.43	U H *1	2.84	1.43	ug/L		12/11/24 04:48	12/22/24 05:45	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: MW-5

Date Collected: 11/12/24 15:21
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-9

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitro-o-toluidine	<0.518	U H *1	1.14	0.518	ug/L		12/11/24 04:48	12/22/24 05:45	1
2,3,4,6-Tetrachlorophenol	<0.210	U *+ H	0.569	0.210	ug/L		12/11/24 04:48	12/22/24 05:45	1
Acetophenone	<0.621	U H	1.14	0.621	ug/L		12/11/24 04:48	12/22/24 05:45	1
N-Nitrosopiperidine	<0.465	U H *1	1.14	0.465	ug/L		12/11/24 04:48	12/22/24 05:45	1
Pentachlorobenzene	<0.265	U H	0.569	0.265	ug/L		12/11/24 04:48	12/22/24 05:45	1
Diphenyl ether	**2.26**	**H**	0.569	0.0906	ug/L		12/11/24 04:48	12/22/24 05:45	1
1,1'-Biphenyl	<0.0977	U H	0.569	0.0977	ug/L		12/11/24 04:48	12/22/24 05:45	1
4-Aminobiphenyl	<0.392	U H *1	0.569	0.392	ug/L		12/11/24 04:48	12/22/24 05:45	1
1,2,4,5-Tetrachlorobenzene	<0.0953	U H	0.569	0.0953	ug/L		12/11/24 04:48	12/22/24 05:45	1
1,3,5-Trinitrobenzene	<0.118	U H *1	0.569	0.118	ug/L		12/11/24 04:48	12/22/24 05:45	1
1,3-Dinitrobenzene	<0.0770	U H	0.569	0.0770	ug/L		12/11/24 04:48	12/22/24 05:45	1
1,4-Naphthoquinone	<0.313	U H	0.569	0.313	ug/L		12/11/24 04:48	12/22/24 05:45	1
1-Naphthylamine	<0.148	U H *1	0.569	0.148	ug/L		12/11/24 04:48	12/22/24 05:45	1
2,6-Dichlorophenol	<0.118	U H	0.569	0.118	ug/L		12/11/24 04:48	12/22/24 05:45	1
2-Acetylaminofluorene	<1.26	U *+ H *1	2.84	1.26	ug/L		12/11/24 04:48	12/22/24 05:45	1
2-Chlorophenol	<0.0753	U H	0.569	0.0753	ug/L		12/11/24 04:48	12/22/24 05:45	1
2-Naphthylamine	<0.287	U H *1	0.569	0.287	ug/L		12/11/24 04:48	12/22/24 05:45	1
2-Picoline	<0.122	U H *1	0.569	0.122	ug/L		12/11/24 04:48	12/22/24 05:45	1
2-Toluidine	<0.305	U H *1	0.569	0.305	ug/L		12/11/24 04:48	12/22/24 05:45	1
3,3'-Dichlorobenzidine	<0.182	U H	0.569	0.182	ug/L		12/11/24 04:48	12/22/24 05:45	1
3,3'-Dimethylbenzidine	<0.141	U H *1	0.569	0.141	ug/L		12/11/24 04:48	12/22/24 05:45	1
3-Methylcholanthrene	<0.104	U H	0.569	0.104	ug/L		12/11/24 04:48	12/22/24 05:45	1
4-Nitroquinoline-1-oxide	<0.727	U H *1	1.14	0.727	ug/L		12/11/24 04:48	12/22/24 05:45	1
7,12-Dimethylbenz(a)anthracene	<0.240	U H	0.569	0.240	ug/L		12/11/24 04:48	12/22/24 05:45	1
alpha,alpha-Dimethyl phenethylamine	<3.65	U H *-	5.69	3.65	ug/L		12/11/24 04:48	12/22/24 05:45	1
Aramite Peak 1	<0.0782	U *+ H	0.569	0.0782	ug/L		12/11/24 04:48	12/22/24 05:45	1
Aramite Peak 2	<0.0950	U H	0.569	0.0950	ug/L		12/11/24 04:48	12/22/24 05:45	1
Aramite, Total	<0.0950	U H	0.569	0.0950	ug/L		12/11/24 04:48	12/22/24 05:45	1
Diallate	<0.0831	U H	0.569	0.0831	ug/L		12/11/24 04:48	12/22/24 05:45	1
Diallate Peak 1	<0.0831	U H	0.569	0.0831	ug/L		12/11/24 04:48	12/22/24 05:45	1
Diallate Peak 2	<0.0384	U H	0.569	0.0384	ug/L		12/11/24 04:48	12/22/24 05:45	1
Dimethoate	<0.121	U H *+	0.569	0.121	ug/L		12/11/24 04:48	12/22/24 05:45	1
Dinoseb	<0.567	U H	2.84	0.567	ug/L		12/11/24 04:48	12/22/24 05:45	1
Disulfoton	<0.202	U H	0.569	0.202	ug/L		12/11/24 04:48	12/22/24 05:45	1
Ethyl methanesulfonate	<0.226	U H	0.569	0.226	ug/L		12/11/24 04:48	12/22/24 05:45	1
Ethyl Parathion	<0.0500	U H	0.228	0.0500	ug/L		12/11/24 04:48	12/22/24 05:45	1
Famphur	<0.150	U H	1.14	0.150	ug/L		12/11/24 04:48	12/22/24 05:45	1
Hexachloropropene	<0.298	U H	0.569	0.298	ug/L		12/11/24 04:48	12/22/24 05:45	1
Isosafrole	<0.240	U H	0.569	0.240	ug/L		12/11/24 04:48	12/22/24 05:45	1
Isosafrole Peak 1	<0.0461	U H	0.569	0.0461	ug/L		12/11/24 04:48	12/22/24 05:45	1
Isosafrole Peak 2	<0.240	U H	0.569	0.240	ug/L		12/11/24 04:48	12/22/24 05:45	1
Methapyrilene	<0.995	U H	2.28	0.995	ug/L		12/11/24 04:48	12/22/24 05:45	1
Methyl methanesulfonate	<0.119	U H	0.569	0.119	ug/L		12/11/24 04:48	12/22/24 05:45	1
Methyl parathion	<0.318	U H	0.569	0.318	ug/L		12/11/24 04:48	12/22/24 05:45	1
N-Nitrosodiethylamine	<0.536	U H *1	1.14	0.536	ug/L		12/11/24 04:48	12/22/24 05:45	1
N-Nitrosodimethylamine	<0.0996	U H *-	0.569	0.0996	ug/L		12/11/24 04:48	12/22/24 05:45	1
N-Nitrosodi-n-butylamine	<0.513	U H *1	1.14	0.513	ug/L		12/11/24 04:48	12/22/24 05:45	1
N-Nitrosomethylethylamine	<0.293	U H *1	0.569	0.293	ug/L		12/11/24 04:48	12/22/24 05:45	1
N-Nitrosomorpholine	<0.219	U H *1	0.569	0.219	ug/L		12/11/24 04:48	12/22/24 05:45	1

Client Sample ID: MW-5

Date Collected: 11/12/24 15:21
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-9

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosopyrrolidine	<0.267	U H *1	0.569	0.267	ug/L		12/11/24 04:48	12/22/24 05:45	1
o,o',o''-Triethylphosphorothioate	**10.1**	**H**	0.569	0.138	ug/L		12/11/24 04:48	12/22/24 05:45	1
p-Dimethylamino azobenzene	<0.0237	U H *1	0.569	0.0237	ug/L		12/11/24 04:48	12/22/24 05:45	1
Pentachloronitrobenzene	<0.0996	U H *1	0.569	0.0996	ug/L		12/11/24 04:48	12/22/24 05:45	1
Phenacetin	<0.0996	U H *1	0.569	0.0996	ug/L		12/11/24 04:48	12/22/24 05:45	1
Phorate	<0.220	U H	0.569	0.220	ug/L		12/11/24 04:48	12/22/24 05:45	1
p-Phenylene diamine	<0.498	U H *-	1.14	0.498	ug/L		12/11/24 04:48	12/22/24 05:45	1
Pronamide	<0.0996	U H *1	0.569	0.0996	ug/L		12/11/24 04:48	12/22/24 05:45	1
Safrole, Total	<0.0569	U H	0.569	0.0569	ug/L		12/11/24 04:48	12/22/24 05:45	1
Sulfotepp	**1.79**	**H *+**	0.569	0.146	ug/L		12/11/24 04:48	12/22/24 05:45	1
Thionazin	<0.207	U H	1.14	0.207	ug/L		12/11/24 04:48	12/22/24 05:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*115*		*35 - 130*	*12/11/24 04:48*	*12/22/24 05:45*	*1*
2-Fluorobiphenyl	*74*		*43 - 130*	*12/11/24 04:48*	*12/22/24 05:45*	*1*
2-Fluorophenol (Surr)	*67*		*19 - 120*	*12/11/24 04:48*	*12/22/24 05:45*	*1*
Nitrobenzene-d5 (Surr)	*84*		*37 - 133*	*12/11/24 04:48*	*12/22/24 05:45*	*1*
Phenol-d5 (Surr)	*45*		*8 - 124*	*12/11/24 04:48*	*12/22/24 05:45*	*1*
p-Terphenyl-d14	*90*		*47 - 130*	*12/11/24 04:48*	*12/22/24 05:45*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**276**	**H**	56.9	8.86	ug/L		12/11/24 04:48	12/25/24 11:19	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*20*	*I S1-*	*35 - 130*	*12/11/24 04:48*	*12/25/24 11:19*	*100*
2-Fluorobiphenyl	*82*		*43 - 130*	*12/11/24 04:48*	*12/25/24 11:19*	*100*
2-Fluorophenol (Surr)	*66*	*I*	*19 - 120*	*12/11/24 04:48*	*12/25/24 11:19*	*100*
Nitrobenzene-d5 (Surr)	*110*		*37 - 133*	*12/11/24 04:48*	*12/25/24 11:19*	*100*
Phenol-d5 (Surr)	*50*		*8 - 124*	*12/11/24 04:48*	*12/25/24 11:19*	*100*
p-Terphenyl-d14	*104*	*I*	*47 - 130*	*12/11/24 04:48*	*12/25/24 11:19*	*100*

Surrogate Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
820-16177-D-8 MS	Matrix Spike	93	95	91	110
860-86937-A-6 MS	Matrix Spike	95	93	95	99
860-86937-A-6 MSD	Matrix Spike Duplicate	98	92	92	94
860-86945-1	TB-05 (111124)	97	100	100	100
860-86945-1	TB-05 (111124)	103	95	91	95
860-86945-2	MW-1	98	100	102	102
860-86945-2 - RA	MW-1	103	94	94	96
860-86945-3	MW-3	96	101	99	101
860-86945-3 - RA	MW-3	109	103	96	98
860-86945-4	MW-2	97	102	99	100
860-86945-4 - RA	MW-2	105	99	99	98
860-86945-5	MW-10	100	100	106	102
860-86945-5 - RA	MW-10	102	93	93	97
860-86945-6	RB-01	99	102	101	101
860-86945-6 - RA	RB-01	105	96	95	96
860-86945-7	MW-4	95	107	100	102
860-86945-7 - RA	MW-4	104	97	101	99
860-86945-8	MW-11	95	101	100	101
860-86945-8 - RA	MW-11	105	105	102	104
860-86945-9	MW-5	81	104	95	103
860-86945-9 - RA	MW-5	104	99	104	99
LCS 860-200039/3	Lab Control Sample	104	98	103	101
LCS 860-200483/1011	Lab Control Sample	98	95	93	98
LCS 860-200579/3	Lab Control Sample	94	101	99	99
LCSD 860-200039/4	Lab Control Sample Dup	100	99	102	100
LCSD 860-200483/12	Lab Control Sample Dup	99	93	95	96
LCSD 860-200579/4	Lab Control Sample Dup	96	98	100	98
MB 860-200039/7	Method Blank	98	98	104	101
MB 860-200483/18	Method Blank	103	92	89	97
MB 860-200579/9	Method Blank	100	101	100	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(35-130)	(43-130)	(19-120)	(37-133)	(8-124)	(47-130)
860-86945-2	MW-1	134 S1+	102	84	126	42	136 S1+
860-86945-2 - RE	MW-1	103	83	61	102	32	75
860-86945-3	MW-3	134 S1+	104	60	114	27	139 S1+
860-86945-3 - RE	MW-3	99	82	69	97	41	111
860-86945-4	MW-2	90	102	77	102	55	105
860-86945-4 - RE	MW-2	86	79	68	84	45	105
860-86945-5	MW-10	113	115	67	122	43	112

Surrogate Summary

Client: Ashland LLC
Job ID: 860-86945-1
Project/Site: Hercules Hattiesburg, MS

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TBP (35-130)	FBP (43-130)	2FP (19-120)	NBZ (37-133)	PHL (8-124)	TPHd14 (47-130)		
860-86945-5 - RE	MW-10	78	92	62	91	38	55		
860-86945-6	RB-01	82	104	51	113	41	138 S1+		
860-86945-6 - RE	RB-01	63	86	42	89	36	73		
860-86945-7 - DL	MW-4	96 I	91	62	96	53	112		
860-86945-7	MW-4	142 S1+	86	74	111	51	128		
860-86945-7 - RE	MW-4	107	83	67	88	44	98		
860-86945-7 - DL	MW-4	78	89	65	101	46	97		
860-86945-7 - REDL	MW-4	59	85	58	87	36	86		
860-86945-8	MW-11	133 S1+	104	87	127	52	123		
860-86945-8 - RE	MW-11	92	77	83	84	66	99		
860-86945-9 - DL	MW-5	53	108	60	88	61	108		
860-86945-9	MW-5	166 S1+	95	75	122	44	135 S1+		
860-86945-9 - RE	MW-5	115	74	67	84	45	90		
860-86945-9 - REDL	MW-5	20 I S1-	82	66 I	110	50	104 I		
LCS 860-199899/2-A	Lab Control Sample	134 S1+	98	50	112	29	118		
LCS 860-199899/4-A	Lab Control Sample	106	90	63	107	48	83		
LCS 860-204625/2-A	Lab Control Sample	109	102	69	123	45	135 S1+		
LCS 860-204625/4-A	Lab Control Sample	84	86	53	96	33	100		
LCSD 860-199899/3-A	Lab Control Sample Dup	107	103	51	111	31	121		
LCSD 860-199899/5-A	Lab Control Sample Dup	123	100	71	115	49	92		
LCSD 860-204625/3-A	Lab Control Sample Dup	103	105	74	124	48	138 S1+		
LCSD 860-204625/5-A	Lab Control Sample Dup	90	90	59	102	37	100		
MB 860-199899/1-A	Method Blank	121	104	56	114	33	126		
MB 860-204625/1-A	Method Blank	96	101	62	117	36	147 S1+		

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-200039/7
Matrix: Water
Analysis Batch: 200039

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/15/24 18:53	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/15/24 18:53	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/15/24 18:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/15/24 18:53	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/15/24 18:53	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/15/24 18:53	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/15/24 18:53	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/15/24 18:53	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/15/24 18:53	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/15/24 18:53	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/15/24 18:53	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/15/24 18:53	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/15/24 18:53	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/15/24 18:53	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/15/24 18:53	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/15/24 18:53	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/15/24 18:53	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/15/24 18:53	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/15/24 18:53	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/15/24 18:53	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/15/24 18:53	1
Acetone	<3.07	U	100	3.07	ug/L			11/15/24 18:53	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/15/24 18:53	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/15/24 18:53	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/15/24 18:53	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/15/24 18:53	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/15/24 18:53	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/15/24 18:53	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/15/24 18:53	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/15/24 18:53	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/15/24 18:53	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/15/24 18:53	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/15/24 18:53	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/15/24 18:53	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/15/24 18:53	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/15/24 18:53	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/15/24 18:53	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/15/24 18:53	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/15/24 18:53	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/15/24 18:53	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/15/24 18:53	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/15/24 18:53	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/15/24 18:53	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/15/24 18:53	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/15/24 18:53	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/15/24 18:53	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/15/24 18:53	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/15/24 18:53	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-200039/7
Matrix: Water
Analysis Batch: 200039

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/15/24 18:53	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/15/24 18:53	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/15/24 18:53	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/15/24 18:53	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/15/24 18:53	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/15/24 18:53	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/15/24 18:53	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/15/24 18:53	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/15/24 18:53	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/15/24 18:53	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/15/24 18:53	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/15/24 18:53	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/15/24 18:53	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/15/24 18:53	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/15/24 18:53	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/15/24 18:53	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/15/24 18:53	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/15/24 18:53	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/15/24 18:53	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/15/24 18:53	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/15/24 18:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*		*11/15/24 18:53*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*11/15/24 18:53*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*11/15/24 18:53*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/15/24 18:53*	*1*

Lab Sample ID: LCS 860-200039/3
Matrix: Water
Analysis Batch: 200039

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	58.64		ug/L		117	72 - 125
1,1,1-Trichloroethane	50.0	57.46		ug/L		115	70 - 130
1,1,2,2-Tetrachloroethane	50.0	51.75		ug/L		103	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	60.38		ug/L		121	60 - 140
1,1,2-Trichloroethane	50.0	55.66		ug/L		111	75 - 130
1,1-Dichloroethane	50.0	56.88		ug/L		114	71 - 130
1,1-Dichloroethene	50.0	58.89		ug/L		118	50 - 150
1,2,3-Trichloropropane	50.0	53.97		ug/L		108	75 - 125
1,2,4-Trimethylbenzene	50.0	56.73		ug/L		113	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	54.26		ug/L		109	59 - 125
1,2-Dibromoethane	50.0	55.63		ug/L		111	73 - 125
1,2-Dichloroethane	50.0	51.59		ug/L		103	72 - 130
1,2-Dichloropropane	50.0	56.34		ug/L		113	74 - 125
1,3,5-Trimethylbenzene	50.0	56.49		ug/L		113	60 - 140
1,3-Butadiene	50.0	57.20		ug/L		114	60 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-200039/3
Matrix: Water
Analysis Batch: 200039

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,2,4-Trimethylpentane	50.0	56.87		ug/L		114	70 - 130
2-Butanone (MEK)	250	298.6		ug/L		119	60 - 140
2-Hexanone (MBK)	250	273.2		ug/L		109	60 - 140
2-Propanol	500	473.4		ug/L		95	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	61.85		ug/L		124	70 - 130
4-Methyl-2-pentanone	250	267.0		ug/L		107	60 - 140
Acetone	250	253.6		ug/L		101	60 - 140
Acetonitrile	500	562.9		ug/L		113	60 - 140
Acrolein	250	225.7		ug/L		90	60 - 140
Acrylonitrile	500	543.1		ug/L		109	60 - 140
alpha-Chlorotoluene	50.0	53.32		ug/L		107	75 - 125
Benzene	50.0	55.07		ug/L		110	75 - 125
Bromodichloromethane	50.0	57.75		ug/L		115	75 - 125
Bromoform	50.0	49.22		ug/L		98	70 - 130
Bromomethane	50.0	47.63		ug/L		95	60 - 140
Carbon disulfide	50.0	57.62		ug/L		115	60 - 140
Carbon tetrachloride	50.0	58.53		ug/L		117	70 - 125
Chlorobenzene	50.0	53.89		ug/L		108	82 - 135
Chlorodibromomethane	50.0	55.43		ug/L		111	73 - 125
Chloroethane	50.0	53.20		ug/L		106	60 - 140
Chloroform	50.0	55.94		ug/L		112	70 - 121
Chloromethane	50.0	51.52		ug/L		103	60 - 140
Chloroprene	50.0	61.48		ug/L		123	70 - 130
cis-1,2-Dichloroethene	50.0	57.57		ug/L		115	75 - 125
cis-1,3-Dichloropropene	50.0	59.84		ug/L		120	74 - 125
Cumene (isopropylbenzene)	50.0	58.93		ug/L		118	75 - 125
Cyclohexane	50.0	53.92		ug/L		108	70 - 130
Dibromomethane	50.0	53.55		ug/L		107	69 - 127
Dichlorodifluoromethane	50.0	42.02		ug/L		84	50 - 150
Ethyl methacrylate	50.0	57.99		ug/L		116	70 - 130
Ethylbenzene	50.0	56.13		ug/L		112	75 - 125
Hexane	50.0	59.89		ug/L		120	72 - 125
Isobutanol	1240	1425		ug/L		115	60 - 140
Methacrylonitrile	500	594.7		ug/L		119	70 - 130
Methyl methacrylate	100	110.0		ug/L		110	70 - 130
Methyl tert-butyl ether	50.0	58.81		ug/L		118	65 - 135
Methylene Chloride	50.0	51.62		ug/L		103	71 - 125
Propionitrile	500	528.3		ug/L		106	70 - 130
Propylbenzene	50.0	56.05		ug/L		112	75 - 125
Styrene	50.0	59.23		ug/L		118	75 - 125
Tetrachloroethene	50.0	54.98		ug/L		110	71 - 125
Tetrahydrofuran	100	112.5		ug/L		112	75 - 125
Toluene	50.0	54.08		ug/L		108	75 - 130
trans-1,2-Dichloroethene	50.0	57.74		ug/L		115	75 - 125
trans-1,3-Dichloropropene	50.0	57.59		ug/L		115	66 - 125
trans-1,4-Dichloro-2-butene	50.0	56.78		ug/L		114	70 - 130
Trichloroethene	50.0	57.51		ug/L		115	75 - 135
Trichlorofluoromethane	50.0	62.24		ug/L		124	60 - 140
Vinyl chloride	50.0	55.90		ug/L		112	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-200039/3
Matrix: Water
Analysis Batch: 200039

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Xylenes, Total			100	115.0		ug/L		115	75 - 125		
m,p-Xylenes			0.0500	0.05721		mg/L		114	75 - 125		
o-Xylene			0.0500	0.05777		mg/L		116	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*103*		*75 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 860-200039/4
Matrix: Water
Analysis Batch: 200039

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	54.92		ug/L		110	72 - 125	7	25
1,1,1-Trichloroethane			50.0	54.68		ug/L		109	70 - 130	5	25
1,1,2,2-Tetrachloroethane			50.0	50.08		ug/L		100	74 - 125	3	25
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	55.72		ug/L		111	60 - 140	8	25
1,1,2-Trichloroethane			50.0	53.34		ug/L		107	75 - 130	4	25
1,1-Dichloroethane			50.0	54.25		ug/L		108	71 - 130	5	25
1,1-Dichloroethene			50.0	56.16		ug/L		112	50 - 150	5	25
1,2,3-Trichloropropane			50.0	52.64		ug/L		105	75 - 125	2	25
1,2,4-Trimethylbenzene			50.0	55.28		ug/L		111	75 - 125	3	25
1,2-Dibromo-3-Chloropropane			50.0	54.21		ug/L		108	59 - 125	0	25
1,2-Dibromoethane			50.0	54.36		ug/L		109	73 - 125	2	25
1,2-Dichloroethane			50.0	49.86		ug/L		100	72 - 130	3	25
1,2-Dichloropropane			50.0	54.09		ug/L		108	74 - 125	4	25
1,3,5-Trimethylbenzene			50.0	55.20		ug/L		110	60 - 140	2	25
1,3-Butadiene			50.0	53.10		ug/L		106	60 - 150	7	25
2,2,4-Trimethylpentane			50.0	53.78		ug/L		108	70 - 130	6	25
2-Butanone (MEK)			250	282.5		ug/L		113	60 - 140	6	25
2-Hexanone (MBK)			250	261.8		ug/L		105	60 - 140	4	25
2-Propanol			500	570.7		ug/L		114	70 - 120	19	25
3-Chloropropene (Allyl Chloride)			50.0	56.89		ug/L		114	70 - 130	8	25
4-Methyl-2-pentanone			250	257.8		ug/L		103	60 - 140	3	25
Acetone			250	240.6		ug/L		96	60 - 140	5	25
Acetonitrile			500	557.4		ug/L		111	60 - 140	1	25
Acrolein			250	229.3		ug/L		92	60 - 140	2	25
Acrylonitrile			500	521.1		ug/L		104	60 - 140	4	25
alpha-Chlorotoluene			50.0	52.08		ug/L		104	75 - 125	2	25
Benzene			50.0	53.08		ug/L		106	75 - 125	4	25
Bromodichloromethane			50.0	55.13		ug/L		110	75 - 125	5	25
Bromoform			50.0	46.62		ug/L		93	70 - 130	5	25
Bromomethane			50.0	44.53		ug/L		89	60 - 140	7	25
Carbon disulfide			50.0	55.01		ug/L		110	60 - 140	5	25
Carbon tetrachloride			50.0	55.19		ug/L		110	70 - 125	6	25
Chlorobenzene			50.0	51.97		ug/L		104	82 - 135	4	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-200039/4
Matrix: Water
Analysis Batch: 200039

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorodibromomethane			50.0	52.65		ug/L		105	73 - 125	5	25
Chloroethane			50.0	50.10		ug/L		100	60 - 140	6	25
Chloroform			50.0	53.49		ug/L		107	70 - 121	4	25
Chloromethane			50.0	47.99		ug/L		96	60 - 140	7	25
Chloroprene			50.0	58.66		ug/L		117	70 - 130	5	25
cis-1,2-Dichloroethene			50.0	54.54		ug/L		109	75 - 125	5	25
cis-1,3-Dichloropropene			50.0	57.69		ug/L		115	74 - 125	4	25
Cumene (isopropylbenzene)			50.0	56.86		ug/L		114	75 - 125	4	25
Cyclohexane			50.0	50.78		ug/L		102	70 - 130	6	25
Dibromomethane			50.0	51.75		ug/L		104	69 - 127	3	25
Dichlorodifluoromethane			50.0	38.74		ug/L		77	50 - 150	8	25
Ethyl methacrylate			50.0	55.60		ug/L		111	70 - 130	4	25
Ethylbenzene			50.0	54.07		ug/L		108	75 - 125	4	25
Hexane			50.0	56.14		ug/L		112	72 - 125	6	25
Isobutanol			1240	1385		ug/L		112	60 - 140	3	25
Methacrylonitrile			500	568.5		ug/L		114	70 - 130	5	25
Methyl methacrylate			100	105.9		ug/L		106	70 - 130	4	25
Methyl tert-butyl ether			50.0	55.74		ug/L		111	65 - 135	5	25
Methylene Chloride			50.0	48.88		ug/L		98	71 - 125	5	25
Propionitrile			500	501.9		ug/L		100	70 - 130	5	25
Propylbenzene			50.0	55.17		ug/L		110	75 - 125	2	25
Styrene			50.0	56.93		ug/L		114	75 - 125	4	25
Tetrachloroethene			50.0	53.27		ug/L		107	71 - 125	3	25
Tetrahydrofuran			100	109.5		ug/L		110	75 - 125	3	25
Toluene			50.0	52.63		ug/L		105	75 - 130	3	25
trans-1,2-Dichloroethene			50.0	54.95		ug/L		110	75 - 125	5	25
trans-1,3-Dichloropropene			50.0	54.99		ug/L		110	66 - 125	5	25
trans-1,4-Dichloro-2-butene			50.0	55.39		ug/L		111	70 - 130	2	25
Trichloroethene			50.0	55.07		ug/L		110	75 - 135	4	25
Trichlorofluoromethane			50.0	58.17		ug/L		116	60 - 140	7	25
Vinyl chloride			50.0	52.18		ug/L		104	60 - 140	7	25
Xylenes, Total			100	110.1		ug/L		110	75 - 125	4	25
m,p-Xylenes			0.0500	0.05448		mg/L		109	75 - 125	5	25
o-Xylene			0.0500	0.05561		mg/L		111	75 - 125	4	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*102*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: MB 860-200483/18
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/18/24 22:42	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/18/24 22:42	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-200483/18
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/18/24 22:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/18/24 22:42	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/18/24 22:42	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/18/24 22:42	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/18/24 22:42	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/18/24 22:42	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/18/24 22:42	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/18/24 22:42	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/18/24 22:42	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/18/24 22:42	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/18/24 22:42	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/18/24 22:42	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/18/24 22:42	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/18/24 22:42	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/18/24 22:42	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/18/24 22:42	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/18/24 22:42	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/18/24 22:42	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/18/24 22:42	1
Acetone	<3.07	U	100	3.07	ug/L			11/18/24 22:42	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/18/24 22:42	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/18/24 22:42	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/18/24 22:42	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/18/24 22:42	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/18/24 22:42	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/18/24 22:42	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/18/24 22:42	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/18/24 22:42	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/18/24 22:42	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/18/24 22:42	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/18/24 22:42	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/18/24 22:42	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/18/24 22:42	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/18/24 22:42	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/18/24 22:42	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/18/24 22:42	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/18/24 22:42	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/18/24 22:42	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/18/24 22:42	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/18/24 22:42	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/18/24 22:42	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/18/24 22:42	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/18/24 22:42	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/18/24 22:42	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/18/24 22:42	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/18/24 22:42	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/18/24 22:42	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/18/24 22:42	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/18/24 22:42	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-200483/18
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/18/24 22:42	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/18/24 22:42	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/18/24 22:42	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/18/24 22:42	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/18/24 22:42	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/18/24 22:42	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/18/24 22:42	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/18/24 22:42	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/18/24 22:42	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/18/24 22:42	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/18/24 22:42	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/18/24 22:42	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/18/24 22:42	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/18/24 22:42	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/18/24 22:42	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/18/24 22:42	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/18/24 22:42	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/18/24 22:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*11/18/24 22:42*	*1*
4-Bromofluorobenzene (Surr)	*92*		*74 - 124*		*11/18/24 22:42*	*1*
Dibromofluoromethane (Surr)	*89*		*75 - 131*		*11/18/24 22:42*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/18/24 22:42*	*1*

Lab Sample ID: LCS 860-200483/1011
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	57.59		ug/L		115	72 - 125
1,1,1-Trichloroethane	50.0	54.85		ug/L		110	70 - 130
1,1,2,2-Tetrachloroethane	50.0	47.67		ug/L		95	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.54		ug/L		93	60 - 140
1,1,2-Trichloroethane	50.0	52.96		ug/L		106	75 - 130
1,1-Dichloroethane	50.0	47.76		ug/L		96	71 - 130
1,1-Dichloroethene	50.0	52.29		ug/L		105	50 - 150
1,2,3-Trichloropropane	50.0	49.49		ug/L		99	75 - 125
1,2,4-Trimethylbenzene	50.0	55.36		ug/L		111	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	55.47		ug/L		111	59 - 125
1,2-Dibromoethane	50.0	54.25		ug/L		108	73 - 125
1,2-Dichloroethane	50.0	53.40		ug/L		107	72 - 130
1,2-Dichloropropane	50.0	50.92		ug/L		102	74 - 125
1,3,5-Trimethylbenzene	50.0	54.00		ug/L		108	60 - 140
1,3-Butadiene	50.0	38.28		ug/L		77	60 - 150
2,2,4-Trimethylpentane	50.0	45.68		ug/L		91	70 - 130
2-Butanone (MEK)	250	261.3		ug/L		105	60 - 140
2-Hexanone (MBK)	250	250.7		ug/L		100	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-200483/1011
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Propanol	500	601.2		ug/L		120	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	53.94		ug/L		108	70 - 130
4-Methyl-2-pentanone	250	242.1		ug/L		97	60 - 140
Acetone	250	230.8		ug/L		92	60 - 140
Acetonitrile	500	532.7		ug/L		107	60 - 140
Acrolein	250	226.9		ug/L		91	60 - 140
Acrylonitrile	500	516.8		ug/L		103	60 - 140
alpha-Chlorotoluene	50.0	52.31		ug/L		105	75 - 125
Benzene	50.0	54.11		ug/L		108	75 - 125
Bromodichloromethane	50.0	54.62		ug/L		109	75 - 125
Bromoform	50.0	58.70		ug/L		117	70 - 130
Bromomethane	50.0	49.95		ug/L		100	60 - 140
Carbon disulfide	50.0	58.70		ug/L		117	60 - 140
Carbon tetrachloride	50.0	53.81		ug/L		108	70 - 125
Chlorobenzene	50.0	55.06		ug/L		110	82 - 135
Chlorodibromomethane	50.0	55.49		ug/L		111	73 - 125
Chloroethane	50.0	40.90		ug/L		82	60 - 140
Chloroform	50.0	52.55		ug/L		105	70 - 121
Chloromethane	50.0	45.04		ug/L		90	60 - 140
Chloroprene	50.0	51.98		ug/L		104	70 - 130
cis-1,2-Dichloroethene	50.0	52.43		ug/L		105	75 - 125
cis-1,3-Dichloropropene	50.0	54.77		ug/L		110	74 - 125
Cumene (isopropylbenzene)	50.0	57.93		ug/L		116	75 - 125
Cyclohexane	50.0	45.56		ug/L		91	70 - 130
Dibromomethane	50.0	53.54		ug/L		107	69 - 127
Dichlorodifluoromethane	50.0	49.62		ug/L		99	50 - 150
Ethyl methacrylate	50.0	53.88		ug/L		108	70 - 130
Ethylbenzene	50.0	55.11		ug/L		110	75 - 125
Hexane	50.0	50.39		ug/L		101	72 - 125
Iodomethane	50.0	42.21		ug/L		84	75 - 125
Isobutanol	1240	1288		ug/L		104	60 - 140
Methacrylonitrile	500	491.2		ug/L		98	70 - 130
Methyl methacrylate	100	105.5		ug/L		106	70 - 130
Methyl tert-butyl ether	50.0	54.70		ug/L		109	65 - 135
Methylene Chloride	50.0	52.17		ug/L		104	71 - 125
Propionitrile	500	485.6		ug/L		97	70 - 130
Propylbenzene	50.0	53.15		ug/L		106	75 - 125
Styrene	50.0	52.73		ug/L		105	75 - 125
Tetrachloroethene	50.0	59.63		ug/L		119	71 - 125
Tetrahydrofuran	100	87.59		ug/L		88	75 - 125
Toluene	50.0	55.04		ug/L		110	75 - 130
trans-1,2-Dichloroethene	50.0	55.71		ug/L		111	75 - 125
trans-1,3-Dichloropropene	50.0	54.18		ug/L		108	66 - 125
trans-1,4-Dichloro-2-butene	50.0	50.83		ug/L		102	70 - 130
Trichloroethene	50.0	59.51		ug/L		119	75 - 135
Trichlorofluoromethane	50.0	44.46		ug/L		89	60 - 140
Vinyl acetate	250	213.0		ug/L		85	60 - 140
Vinyl chloride	50.0	39.10		ug/L		78	60 - 140
Xylenes, Total	100	111.2		ug/L		111	75 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-200483/1011
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
m,p-Xylenes			0.0500	0.05558		mg/L		111	75 - 125		
o-Xylene			0.0500	0.05561		mg/L		111	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*
Dibromofluoromethane (Surr)	*93*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 860-200483/12
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	53.37		ug/L		107	72 - 125	8	25
1,1,1-Trichloroethane			50.0	50.45		ug/L		101	70 - 130	8	25
1,1,2,2-Tetrachloroethane			50.0	45.11		ug/L		90	74 - 125	6	25
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	42.47		ug/L		85	60 - 140	9	25
1,1,2-Trichloroethane			50.0	48.78		ug/L		98	75 - 130	8	25
1,1-Dichloroethane			50.0	41.73		ug/L		83	71 - 130	13	25
1,1-Dichloroethene			50.0	48.28		ug/L		97	50 - 150	8	25
1,2,3-Trichloropropane			50.0	45.86		ug/L		92	75 - 125	8	25
1,2,4-Trimethylbenzene			50.0	49.92		ug/L		100	75 - 125	10	25
1,2-Dibromo-3-Chloropropane			50.0	52.76		ug/L		106	59 - 125	5	25
1,2-Dibromoethane			50.0	51.77		ug/L		104	73 - 125	5	25
1,2-Dichloroethane			50.0	51.88		ug/L		104	72 - 130	3	25
1,2-Dichloropropane			50.0	47.87		ug/L		96	74 - 125	6	25
1,3,5-Trimethylbenzene			50.0	48.74		ug/L		97	60 - 140	10	25
1,3-Butadiene			50.0	37.63		ug/L		75	60 - 150	2	25
2,2,4-Trimethylpentane			50.0	42.34		ug/L		85	70 - 130	8	25
2-Butanone (MEK)			250	254.7		ug/L		102	60 - 140	3	25
2-Hexanone (MBK)			250	242.8		ug/L		97	60 - 140	3	25
2-Propanol			500	600.2		ug/L		120	70 - 120	0	25
3-Chloropropene (Allyl Chloride)			50.0	50.94		ug/L		102	70 - 130	6	25
4-Methyl-2-pentanone			250	236.0		ug/L		94	60 - 140	3	25
Acetone			250	236.7		ug/L		95	60 - 140	3	25
Acetonitrile			500	537.5		ug/L		107	60 - 140	1	25
Acrolein			250	232.9		ug/L		93	60 - 140	3	25
Acrylonitrile			500	499.1		ug/L		100	60 - 140	3	25
alpha-Chlorotoluene			50.0	48.70		ug/L		97	75 - 125	7	25
Benzene			50.0	49.57		ug/L		99	75 - 125	9	25
Bromodichloromethane			50.0	51.77		ug/L		104	75 - 125	5	25
Bromoform			50.0	57.10		ug/L		114	70 - 130	3	25
Bromomethane			50.0	47.89		ug/L		96	60 - 140	4	25
Carbon disulfide			50.0	54.13		ug/L		108	60 - 140	8	25
Carbon tetrachloride			50.0	49.95		ug/L		100	70 - 125	7	25
Chlorobenzene			50.0	50.20		ug/L		100	82 - 135	9	25
Chlorodibromomethane			50.0	52.19		ug/L		104	73 - 125	6	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-200483/12
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloroethane	50.0	43.36		ug/L		87	60 - 140	6	25
Chloroform	50.0	48.76		ug/L		98	70 - 121	7	25
Chloromethane	50.0	45.01		ug/L		90	60 - 140	0	25
Chloroprene	50.0	45.69		ug/L		91	70 - 130	13	25
cis-1,2-Dichloroethene	50.0	47.61		ug/L		95	75 - 125	10	25
cis-1,3-Dichloropropene	50.0	50.68		ug/L		101	74 - 125	8	25
Cumene (isopropylbenzene)	50.0	51.97		ug/L		104	75 - 125	11	25
Cyclohexane	50.0	39.83		ug/L		80	70 - 130	13	25
Dibromomethane	50.0	51.78		ug/L		104	69 - 127	3	25
Dichlorodifluoromethane	50.0	47.13		ug/L		94	50 - 150	5	25
Ethyl methacrylate	50.0	50.73		ug/L		101	70 - 130	6	25
Ethylbenzene	50.0	49.82		ug/L		100	75 - 125	10	25
Hexane	50.0	45.00		ug/L		90	72 - 125	11	25
Iodomethane	50.0	46.09		ug/L		92	75 - 125	9	25
Isobutanol	1240	1266		ug/L		102	60 - 140	2	25
Methacrylonitrile	500	487.1		ug/L		97	70 - 130	1	25
Methyl methacrylate	100	105.6		ug/L		106	70 - 130	0	25
Methyl tert-butyl ether	50.0	50.99		ug/L		102	65 - 135	7	25
Methylene Chloride	50.0	49.87		ug/L		100	71 - 125	4	25
Propionitrile	500	474.4		ug/L		95	70 - 130	2	25
Propylbenzene	50.0	47.37		ug/L		95	75 - 125	11	25
Styrene	50.0	47.59		ug/L		95	75 - 125	10	25
Tetrachloroethene	50.0	54.40		ug/L		109	71 - 125	9	25
Tetrahydrofuran	100	87.44		ug/L		87	75 - 125	0	25
Toluene	50.0	49.61		ug/L		99	75 - 130	10	25
trans-1,2-Dichloroethene	50.0	48.79		ug/L		98	75 - 125	13	25
trans-1,3-Dichloropropene	50.0	50.86		ug/L		102	66 - 125	6	25
trans-1,4-Dichloro-2-butene	50.0	50.03		ug/L		100	70 - 130	2	25
Trichloroethene	50.0	54.99		ug/L		110	75 - 135	8	25
Trichlorofluoromethane	50.0	44.16		ug/L		88	60 - 140	1	25
Vinyl acetate	250	203.8		ug/L		82	60 - 140	4	25
Vinyl chloride	50.0	39.59		ug/L		79	60 - 140	1	25
Xylenes, Total	100	101.4		ug/L		101	75 - 125	9	25
m,p-Xylenes	0.0500	0.05043		mg/L		101	75 - 125	10	25
o-Xylene	0.0500	0.05100		mg/L		102	75 - 125	9	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*
4-Bromofluorobenzene (Surr)	*93*		*74 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 131*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: 860-86937-A-6 MS
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.644	U	50.0	58.01		ug/L		116	72 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86937-A-6 MS
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	<0.585	U	50.0	56.06		ug/L		112	75 - 125
1,1,2,2-Tetrachloroethane	<0.470	U	50.0	47.56		ug/L		95	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	50.0	52.19		ug/L		104	60 - 140
1,1,2-Trichloroethane	<0.411	U	50.0	53.03		ug/L		106	75 - 127
1,1-Dichloroethane	<0.635	U	50.0	44.14		ug/L		88	72 - 125
1,1-Dichloroethene	<0.738	U	50.0	54.15		ug/L		108	59 - 172
1,2,3-Trichloropropane	<0.470	U	50.0	46.67		ug/L		93	75 - 125
1,2,4-Trimethylbenzene	<0.417	U	50.0	57.13		ug/L		114	75 - 125
1,2-Dibromo-3-Chloropropane	<0.671	U	50.0	53.94		ug/L		108	59 - 125
1,2-Dibromoethane	<0.999	U	50.0	55.21		ug/L		110	73 - 125
1,2-Dichloroethane	<0.372	U	50.0	53.03		ug/L		106	68 - 127
1,2-Dichloropropane	<0.556	U	50.0	49.09		ug/L		98	74 - 125
1,3,5-Trimethylbenzene	<0.411	U	50.0	55.83		ug/L		112	70 - 125
1,3-Butadiene	<0.568	U	50.0	40.83		ug/L		82	70 - 150
2,2,4-Trimethylpentane	<0.500	U	50.0	46.00		ug/L		92	70 - 130
2-Butanone (MEK)	<8.28	U	250	234.5		ug/L		94	60 - 140
2-Hexanone (MBK)	<5.00	U	250	238.9		ug/L		96	60 - 140
2-Propanol	<5.23	U	500	526.7		ug/L		105	70 - 120
3-Chloropropene (Allyl Chloride)	<0.597	U	50.0	51.80		ug/L		104	70 - 130
4-Methyl-2-pentanone	<5.00	U	250	225.7		ug/L		90	60 - 140
Acetone	<3.07	U	250	199.7		ug/L		80	60 - 140
Acetonitrile	<14.6	U	500	481.0		ug/L		96	60 - 140
Acrolein	<11.1	U	250	247.0		ug/L		99	50 - 150
Acrylonitrile	<14.3	U	500	458.4		ug/L		92	50 - 150
alpha-Chlorotoluene	<2.26	U	50.0	52.25		ug/L		105	70 - 130
Benzene	<0.460	U	50.0	52.99		ug/L		106	66 - 142
Bromodichloromethane	<0.552	U	50.0	53.92		ug/L		108	75 - 125
Bromoform	<0.633	U	50.0	59.69		ug/L		119	75 - 125
Bromomethane	<1.42	U	50.0	49.40		ug/L		99	60 - 140
Carbon disulfide	<1.65	U	50.0	59.55		ug/L		119	60 - 140
Carbon tetrachloride	<0.896	U	50.0	56.04		ug/L		112	62 - 125
Chlorobenzene	19.5		50.0	72.96		ug/L		107	60 - 133
Chlorodibromomethane	<0.547	U	50.0	58.04		ug/L		116	73 - 125
Chloroethane	<1.98	U	50.0	44.99		ug/L		90	60 - 140
Chloroform	<0.464	U	50.0	52.72		ug/L		105	70 - 130
Chloromethane	<2.04	U	50.0	42.52		ug/L		85	60 - 140
Chloroprene	<0.598	U	50.0	51.22		ug/L		102	70 - 130
cis-1,2-Dichloroethene	<0.457	U	50.0	49.82		ug/L		100	75 - 125
cis-1,3-Dichloropropene	<1.07	U	50.0	53.63		ug/L		107	74 - 125
Cumene (isopropylbenzene)	<0.592	U	50.0	58.01		ug/L		116	75 - 125
Cyclohexane	<1.29	U	50.0	46.86		ug/L		94	70 - 130
Dibromomethane	<0.357	U	50.0	52.46		ug/L		105	69 - 127
Dichlorodifluoromethane	<0.785	U	50.0	52.95		ug/L		106	70 - 130
Ethyl methacrylate	<1.12	U	50.0	54.27		ug/L		109	70 - 130
Ethylbenzene	<0.385	U	50.0	54.33		ug/L		109	75 - 125
Hexane	0.613	J	50.0	46.69		ug/L		92	72 - 125
Iodomethane	<5.00	U	50.0	51.10		ug/L		102	75 - 125
Isobutanol	<17.1	U	1240	1082		ug/L		87	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86937-A-6 MS
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Methacrylonitrile	<2.72	U	500	453.9		ug/L		91	70 - 130
Methyl methacrylate	<2.25	U	100	100.8		ug/L		101	70 - 130
Methyl tert-butyl ether	<1.39	U	50.0	53.17		ug/L		106	65 - 135
Methylene Chloride	<1.73	U	50.0	49.55		ug/L		99	75 - 125
Propionitrile	<3.34	U	500	440.9		ug/L		88	70 - 130
Propylbenzene	<0.429	U	50.0	54.46		ug/L		109	75 - 125
Styrene	<0.619	U	50.0	52.19		ug/L		104	75 - 125
Tetrachloroethene	<0.655	U F1	50.0	64.05	F1	ug/L		128	71 - 125
Tetrahydrofuran	<1.83	U	100	77.34		ug/L		77	75 - 125
Toluene	<0.475	U	50.0	56.68		ug/L		113	59 - 139
trans-1,2-Dichloroethene	<0.368	U	50.0	53.55		ug/L		107	75 - 125
trans-1,3-Dichloropropene	<1.27	U	50.0	55.68		ug/L		111	66 - 125
trans-1,4-Dichloro-2-butene	<1.35	U	50.0	49.72		ug/L		99	70 - 130
Trichloroethene	<1.50	U	50.0	58.30		ug/L		117	62 - 137
Trichlorofluoromethane	<0.560	U	50.0	46.33		ug/L		93	60 - 140
Vinyl acetate	<2.14	U	250	249.8		ug/L		100	60 - 140
Vinyl chloride	<0.428	U	50.0	41.15		ug/L		82	60 - 140
Xylenes, Total	<1.24	U	100	111.3		ug/L		111	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.05525		mg/L		110	75 - 125
o-Xylene	<0.000502	U	0.0500	0.05607		mg/L		112	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*63 - 144*
4-Bromofluorobenzene (Surr)	*93*		*74 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 860-86937-A-6 MSD
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.644	U	50.0	58.65		ug/L		117	72 - 125	1	25
1,1,1-Trichloroethane	<0.585	U	50.0	55.40		ug/L		111	75 - 125	1	25
1,1,2,2-Tetrachloroethane	<0.470	U	50.0	46.68		ug/L		93	74 - 125	2	25
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	50.0	49.87		ug/L		100	60 - 140	5	25
1,1,2-Trichloroethane	<0.411	U	50.0	48.27		ug/L		97	75 - 127	9	25
1,1-Dichloroethane	<0.635	U	50.0	42.50		ug/L		85	72 - 125	4	25
1,1-Dichloroethene	<0.738	U	50.0	54.64		ug/L		109	59 - 172	1	25
1,2,3-Trichloropropane	<0.470	U	50.0	45.08		ug/L		90	75 - 125	3	25
1,2,4-Trimethylbenzene	<0.417	U	50.0	57.64		ug/L		115	75 - 125	1	25
1,2-Dibromo-3-Chloropropane	<0.671	U	50.0	53.23		ug/L		106	59 - 125	1	25
1,2-Dibromoethane	<0.999	U	50.0	55.02		ug/L		110	73 - 125	0	25
1,2-Dichloroethane	<0.372	U	50.0	54.71		ug/L		109	68 - 127	3	25
1,2-Dichloropropane	<0.556	U	50.0	50.51		ug/L		101	74 - 125	3	25
1,3,5-Trimethylbenzene	<0.411	U	50.0	56.38		ug/L		113	70 - 125	1	25
1,3-Butadiene	<0.568	U	50.0	38.35		ug/L		77	70 - 150	6	25
2,2,4-Trimethylpentane	<0.500	U	50.0	46.08		ug/L		92	70 - 130	0	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86937-A-6 MSD
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Butanone (MEK)	<8.28	U	250	220.3		ug/L		88	60 - 140	6	25
2-Hexanone (MBK)	<5.00	U	250	227.3		ug/L		91	60 - 140	5	25
2-Propanol	<5.23	U	500	502.1		ug/L		100	70 - 120	5	25
3-Chloropropene (Allyl Chloride)	<0.597	U	50.0	49.16		ug/L		98	70 - 130	5	25
4-Methyl-2-pentanone	<5.00	U	250	211.4		ug/L		85	60 - 140	7	25
Acetone	<3.07	U	250	213.5		ug/L		85	60 - 140	7	25
Acetonitrile	<14.6	U	500	447.6		ug/L		90	60 - 140	7	25
Acrolein	<11.1	U	250	223.9		ug/L		90	50 - 150	10	25
Acrylonitrile	<14.3	U	500	432.7		ug/L		87	50 - 150	6	25
alpha-Chlorotoluene	<2.26	U	50.0	51.36		ug/L		103	70 - 130	2	25
Benzene	<0.460	U	50.0	53.55		ug/L		107	66 - 142	1	25
Bromodichloromethane	<0.552	U	50.0	55.78		ug/L		112	75 - 125	3	25
Bromoform	<0.633	U	50.0	59.48		ug/L		119	75 - 125	0	25
Bromomethane	<1.42	U	50.0	47.63		ug/L		95	60 - 140	4	25
Carbon disulfide	<1.65	U	50.0	58.88		ug/L		118	60 - 140	1	25
Carbon tetrachloride	<0.896	U	50.0	54.62		ug/L		109	62 - 125	3	25
Chlorobenzene	19.5		50.0	74.75		ug/L		110	60 - 133	2	25
Chlorodibromomethane	<0.547	U	50.0	58.13		ug/L		116	73 - 125	0	25
Chloroethane	<1.98	U	50.0	43.49		ug/L		87	60 - 140	3	25
Chloroform	<0.464	U	50.0	51.53		ug/L		103	70 - 130	2	25
Chloromethane	<2.04	U	50.0	42.47		ug/L		85	60 - 140	0	25
Chloroprene	<0.598	U	50.0	49.58		ug/L		99	70 - 130	3	25
cis-1,2-Dichloroethene	<0.457	U	50.0	48.51		ug/L		97	75 - 125	3	25
cis-1,3-Dichloropropene	<1.07	U	50.0	53.59		ug/L		107	74 - 125	0	25
Cumene (isopropylbenzene)	<0.592	U	50.0	58.57		ug/L		117	75 - 125	1	25
Cyclohexane	<1.29	U	50.0	44.70		ug/L		89	70 - 130	5	25
Dibromomethane	<0.357	U	50.0	52.10		ug/L		104	69 - 127	1	25
Dichlorodifluoromethane	<0.785	U	50.0	49.35		ug/L		99	70 - 130	7	25
Ethyl methacrylate	<1.12	U	50.0	49.65		ug/L		99	70 - 130	9	25
Ethylbenzene	<0.385	U	50.0	55.01		ug/L		110	75 - 125	1	25
Hexane	0.613	J	50.0	45.17		ug/L		89	72 - 125	3	25
Iodomethane	<5.00	U	50.0	50.01		ug/L		100	75 - 125	2	25
Isobutanol	<17.1	U	1240	1041		ug/L		84	60 - 140	4	25
Methacrylonitrile	<2.72	U	500	428.5		ug/L		86	70 - 130	6	25
Methyl methacrylate	<2.25	U	100	100.0		ug/L		100	70 - 130	1	25
Methyl tert-butyl ether	<1.39	U	50.0	51.10		ug/L		102	65 - 135	4	25
Methylene Chloride	<1.73	U	50.0	47.09		ug/L		94	75 - 125	5	25
Propionitrile	<3.34	U	500	416.9		ug/L		83	70 - 130	6	25
Propylbenzene	<0.429	U	50.0	53.56		ug/L		107	75 - 125	2	25
Styrene	<0.619	U	50.0	52.23		ug/L		104	75 - 125	0	25
Tetrachloroethene	<0.655	U F1	50.0	63.18	F1	ug/L		126	71 - 125	1	25
Tetrahydrofuran	<1.83	U	100	77.75		ug/L		78	75 - 125	1	25
Toluene	<0.475	U	50.0	52.85		ug/L		106	59 - 139	7	25
trans-1,2-Dichloroethene	<0.368	U	50.0	54.24		ug/L		108	75 - 125	1	25
trans-1,3-Dichloropropene	<1.27	U	50.0	52.21		ug/L		104	66 - 125	6	25
trans-1,4-Dichloro-2-butene	<1.35	U	50.0	47.28		ug/L		95	70 - 130	5	25
Trichloroethene	<1.50	U	50.0	59.39		ug/L		119	62 - 137	2	25
Trichlorofluoromethane	<0.560	U	50.0	45.92		ug/L		92	60 - 140	1	25
Vinyl acetate	<2.14	U	250	241.3		ug/L		97	60 - 140	3	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-86937-A-6 MSD
Matrix: Water
Analysis Batch: 200483

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Vinyl chloride	<0.428	U	50.0	40.12		ug/L		80	60 - 140	3	25
Xylenes, Total	<1.24	U	100	111.6		ug/L		112	75 - 125	0	25
m,p-Xylenes	<0.00124	U	0.0500	0.05533		mg/L		111	75 - 125	0	25
o-Xylene	<0.000502	U	0.0500	0.05627		mg/L		113	75 - 125	0	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*92*		*74 - 124*
Dibromofluoromethane (Surr)	*92*		*75 - 131*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: MB 860-200579/9
Matrix: Water
Analysis Batch: 200579

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/19/24 12:09	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/19/24 12:09	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/19/24 12:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/19/24 12:09	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/19/24 12:09	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/19/24 12:09	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/19/24 12:09	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/19/24 12:09	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/19/24 12:09	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/19/24 12:09	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/19/24 12:09	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/19/24 12:09	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/19/24 12:09	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/19/24 12:09	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/19/24 12:09	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/19/24 12:09	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/19/24 12:09	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/19/24 12:09	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/19/24 12:09	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/19/24 12:09	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/19/24 12:09	1
Acetone	<3.07	U	100	3.07	ug/L			11/19/24 12:09	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/19/24 12:09	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/19/24 12:09	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/19/24 12:09	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/19/24 12:09	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/19/24 12:09	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/19/24 12:09	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/19/24 12:09	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/19/24 12:09	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/19/24 12:09	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/19/24 12:09	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-200579/9
Matrix: Water
Analysis Batch: 200579

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/19/24 12:09	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/19/24 12:09	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/19/24 12:09	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/19/24 12:09	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/19/24 12:09	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/19/24 12:09	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/19/24 12:09	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/19/24 12:09	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/19/24 12:09	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/19/24 12:09	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/19/24 12:09	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/19/24 12:09	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/19/24 12:09	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/19/24 12:09	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/19/24 12:09	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/19/24 12:09	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/19/24 12:09	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/19/24 12:09	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/19/24 12:09	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/19/24 12:09	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/19/24 12:09	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/19/24 12:09	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/19/24 12:09	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/19/24 12:09	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/19/24 12:09	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/19/24 12:09	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/19/24 12:09	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/19/24 12:09	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/19/24 12:09	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/19/24 12:09	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/19/24 12:09	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/19/24 12:09	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/19/24 12:09	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/19/24 12:09	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/19/24 12:09	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/19/24 12:09	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/19/24 12:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*11/19/24 12:09*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*11/19/24 12:09*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*11/19/24 12:09*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*11/19/24 12:09*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-200579/3
Matrix: Water
Analysis Batch: 200579

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	53.77		ug/L		108	72 - 125
1,1,1-Trichloroethane	50.0	51.66		ug/L		103	70 - 130
1,1,2,2-Tetrachloroethane	50.0	53.00		ug/L		106	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	43.50		ug/L		87	60 - 140
1,1,2-Trichloroethane	50.0	51.28		ug/L		103	75 - 130
1,1-Dichloroethane	50.0	43.26		ug/L		87	71 - 130
1,1-Dichloroethene	50.0	42.60		ug/L		85	50 - 150
1,2,3-Trichloropropane	50.0	51.71		ug/L		103	75 - 125
1,2,4-Trimethylbenzene	50.0	55.51		ug/L		111	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	48.65		ug/L		97	59 - 125
1,2-Dibromoethane	50.0	51.55		ug/L		103	73 - 125
1,2-Dichloroethane	50.0	50.05		ug/L		100	72 - 130
1,2-Dichloropropane	50.0	51.83		ug/L		104	74 - 125
1,3,5-Trimethylbenzene	50.0	53.78		ug/L		108	60 - 140
1,3-Butadiene	50.0	39.87		ug/L		80	60 - 150
2,2,4-Trimethylpentane	50.0	50.92		ug/L		102	70 - 130
2-Butanone (MEK)	250	239.6		ug/L		96	60 - 140
2-Hexanone (MBK)	250	245.5		ug/L		98	60 - 140
2-Propanol	500	471.1		ug/L		94	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	51.32		ug/L		103	70 - 130
4-Methyl-2-pentanone	250	239.6		ug/L		96	60 - 140
Acrolein	250	200.9		ug/L		80	60 - 140
Acrylonitrile	500	478.1		ug/L		96	60 - 140
alpha-Chlorotoluene	50.0	52.31		ug/L		105	75 - 125
Benzene	50.0	51.63		ug/L		103	75 - 125
Bromodichloromethane	50.0	51.35		ug/L		103	75 - 125
Bromoform	50.0	51.58		ug/L		103	70 - 130
Bromomethane	50.0	45.53		ug/L		91	60 - 140
Carbon disulfide	50.0	51.37		ug/L		103	60 - 140
Carbon tetrachloride	50.0	50.88		ug/L		102	70 - 125
Chlorobenzene	50.0	53.22		ug/L		106	82 - 135
Chlorodibromomethane	50.0	52.10		ug/L		104	73 - 125
Chloroethane	50.0	42.82		ug/L		86	60 - 140
Chloroform	50.0	44.56		ug/L		89	70 - 121
Chloromethane	50.0	52.48		ug/L		105	60 - 140
Chloroprene	50.0	50.96		ug/L		102	70 - 130
cis-1,2-Dichloroethene	50.0	50.95		ug/L		102	75 - 125
cis-1,3-Dichloropropene	50.0	52.83		ug/L		106	74 - 125
Cumene (isopropylbenzene)	50.0	55.19		ug/L		110	75 - 125
Cyclohexane	50.0	48.82		ug/L		98	70 - 130
Dibromomethane	50.0	51.09		ug/L		102	69 - 127
Dichlorodifluoromethane	50.0	56.96		ug/L		114	50 - 150
Ethyl methacrylate	50.0	52.14		ug/L		104	70 - 130
Ethylbenzene	50.0	53.48		ug/L		107	75 - 125
Hexane	50.0	52.05		ug/L		104	72 - 125
Iodomethane	50.0	48.11		ug/L		96	75 - 125
Isobutanol	1240	1174		ug/L		95	60 - 140
Methacrylonitrile	500	413.0		ug/L		83	70 - 130

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-200579/3
Matrix: Water
Analysis Batch: 200579

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl methacrylate	100	100.9		ug/L		101	70 - 130
Methyl tert-butyl ether	50.0	49.23		ug/L		98	65 - 135
Methylene Chloride	50.0	46.71		ug/L		93	71 - 125
Propionitrile	500	466.1		ug/L		93	70 - 130
Propylbenzene	50.0	55.22		ug/L		110	75 - 125
Styrene	50.0	50.88		ug/L		102	75 - 125
Tetrachloroethene	50.0	55.91		ug/L		112	71 - 125
Tetrahydrofuran	100	65.94	*-	ug/L		66	75 - 125
Toluene	50.0	52.32		ug/L		105	75 - 130
trans-1,2-Dichloroethene	50.0	53.04		ug/L		106	75 - 125
trans-1,3-Dichloropropene	50.0	53.28		ug/L		107	66 - 125
trans-1,4-Dichloro-2-butene	50.0	53.98		ug/L		108	70 - 130
Trichloroethene	50.0	53.03		ug/L		106	75 - 135
Trichlorofluoromethane	50.0	48.76		ug/L		98	60 - 140
Vinyl acetate	250	270.0		ug/L		108	60 - 140
Vinyl chloride	50.0	40.73		ug/L		81	60 - 140
Xylenes, Total	100	107.6		ug/L		108	75 - 125
m,p-Xylenes	0.0500	0.05365		mg/L		107	75 - 125
o-Xylene	0.0500	0.05398		mg/L		108	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 144*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 860-200579/4
Matrix: Water
Analysis Batch: 200579

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	50.73		ug/L		101	72 - 125	6	25
1,1,1-Trichloroethane	50.0	48.58		ug/L		97	70 - 130	6	25
1,1,2,2-Tetrachloroethane	50.0	47.58		ug/L		95	74 - 125	11	25
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	41.20		ug/L		82	60 - 140	5	25
1,1,2-Trichloroethane	50.0	49.26		ug/L		99	75 - 130	4	25
1,1-Dichloroethane	50.0	40.28		ug/L		81	71 - 130	7	25
1,1-Dichloroethene	50.0	43.16		ug/L		86	50 - 150	1	25
1,2,3-Trichloropropane	50.0	47.30		ug/L		95	75 - 125	9	25
1,2,4-Trimethylbenzene	50.0	49.80		ug/L		100	75 - 125	11	25
1,2-Dibromo-3-Chloropropane	50.0	43.53		ug/L		87	59 - 125	11	25
1,2-Dibromoethane	50.0	50.03		ug/L		100	73 - 125	3	25
1,2-Dichloroethane	50.0	48.61		ug/L		97	72 - 130	3	25
1,2-Dichloropropane	50.0	51.04		ug/L		102	74 - 125	2	25
1,3,5-Trimethylbenzene	50.0	48.53		ug/L		97	60 - 140	10	25
1,3-Butadiene	50.0	38.06		ug/L		76	60 - 150	5	25
2,2,4-Trimethylpentane	50.0	48.25		ug/L		97	70 - 130	5	25
2-Butanone (MEK)	250	230.1		ug/L		92	60 - 140	4	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-200579/4
Matrix: Water
Analysis Batch: 200579

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Hexanone (MBK)	250	232.5		ug/L		93	60 - 140	5	25
2-Propanol	500	457.5		ug/L		91	70 - 120	3	25
3-Chloropropene (Allyl Chloride)	50.0	46.04		ug/L		92	70 - 130	11	25
4-Methyl-2-pentanone	250	236.2		ug/L		94	60 - 140	1	25
Acrolein	250	198.3		ug/L		79	60 - 140	1	25
Acrylonitrile	500	464.6		ug/L		93	60 - 140	3	25
alpha-Chlorotoluene	50.0	47.55		ug/L		95	75 - 125	10	25
Benzene	50.0	49.89		ug/L		100	75 - 125	3	25
Bromodichloromethane	50.0	50.32		ug/L		101	75 - 125	2	25
Bromoform	50.0	49.15		ug/L		98	70 - 130	5	25
Bromomethane	50.0	44.74		ug/L		89	60 - 140	2	25
Carbon disulfide	50.0	48.62		ug/L		97	60 - 140	6	25
Carbon tetrachloride	50.0	47.41		ug/L		95	70 - 125	7	25
Chlorobenzene	50.0	49.89		ug/L		100	82 - 135	6	25
Chlorodibromomethane	50.0	48.99		ug/L		98	73 - 125	6	25
Chloroethane	50.0	42.12		ug/L		84	60 - 140	2	25
Chloroform	50.0	49.23		ug/L		98	70 - 121	10	25
Chloromethane	50.0	53.14		ug/L		106	60 - 140	1	25
Chloroprene	50.0	49.06		ug/L		98	70 - 130	4	25
cis-1,2-Dichloroethene	50.0	49.77		ug/L		100	75 - 125	2	25
cis-1,3-Dichloropropene	50.0	51.93		ug/L		104	74 - 125	2	25
Cumene (isopropylbenzene)	50.0	51.09		ug/L		102	75 - 125	8	25
Cyclohexane	50.0	46.12		ug/L		92	70 - 130	6	25
Dibromomethane	50.0	49.68		ug/L		99	69 - 127	3	25
Dichlorodifluoromethane	50.0	52.50		ug/L		105	50 - 150	8	25
Ethyl methacrylate	50.0	49.57		ug/L		99	70 - 130	5	25
Ethylbenzene	50.0	49.90		ug/L		100	75 - 125	7	25
Hexane	50.0	49.01		ug/L		98	72 - 125	6	25
Iodomethane	50.0	44.17		ug/L		88	75 - 125	9	25
Isobutanol	1240	1093		ug/L		88	60 - 140	7	25
Methacrylonitrile	500	478.6		ug/L		96	70 - 130	15	25
Methyl methacrylate	100	97.62		ug/L		98	70 - 130	3	25
Methyl tert-butyl ether	50.0	49.19		ug/L		98	65 - 135	0	25
Methylene Chloride	50.0	45.17		ug/L		90	71 - 125	3	25
Propionitrile	500	447.3		ug/L		89	70 - 130	4	25
Propylbenzene	50.0	48.60		ug/L		97	75 - 125	13	25
Styrene	50.0	47.23		ug/L		94	75 - 125	7	25
Tetrachloroethene	50.0	50.45		ug/L		101	71 - 125	10	25
Tetrahydrofuran	100	88.31	*1	ug/L		88	75 - 125	29	25
Toluene	50.0	49.70		ug/L		99	75 - 130	5	25
trans-1,2-Dichloroethene	50.0	50.48		ug/L		101	75 - 125	5	25
trans-1,3-Dichloropropene	50.0	50.80		ug/L		102	66 - 125	5	25
trans-1,4-Dichloro-2-butene	50.0	48.21		ug/L		96	70 - 130	11	25
Trichloroethene	50.0	50.54		ug/L		101	75 - 135	5	25
Trichlorofluoromethane	50.0	47.28		ug/L		95	60 - 140	3	25
Vinyl acetate	250	260.4		ug/L		104	60 - 140	4	25
Vinyl chloride	50.0	38.82		ug/L		78	60 - 140	5	25
Xylenes, Total	100	100.8		ug/L		101	75 - 125	7	25
m,p-Xylenes	0.0500	0.05002		mg/L		100	75 - 125	7	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-200579/4
Matrix: Water
Analysis Batch: 200579

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
o-Xylene			0.0500	0.05079		mg/L		102	75 - 125	6	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 144*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 820-16177-D-8 MS
Matrix: Water
Analysis Batch: 200579

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.644	U	50.0	47.61		ug/L		95	72 - 125
1,1,1-Trichloroethane	<0.585	U	50.0	45.14		ug/L		90	75 - 125
1,1,2,2-Tetrachloroethane	<0.470	U	50.0	42.38		ug/L		85	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	50.0	42.91		ug/L		86	60 - 140
1,1,2-Trichloroethane	<0.411	U	50.0	53.91		ug/L		108	75 - 127
1,1-Dichloroethane	<0.635	U	50.0	43.83		ug/L		88	72 - 125
1,1-Dichloroethene	<0.738	U	50.0	40.63		ug/L		81	59 - 172
1,2,3-Trichloropropane	<0.470	U	50.0	41.99		ug/L		84	75 - 125
1,2,4-Trimethylbenzene	<0.417	U	50.0	48.16		ug/L		96	75 - 125
1,2-Dibromo-3-Chloropropane	<0.671	U	50.0	49.47		ug/L		99	59 - 125
1,2-Dibromoethane	<0.999	U	50.0	55.40		ug/L		111	73 - 125
1,2-Dichloroethane	<0.372	U	50.0	45.75		ug/L		91	68 - 127
1,2-Dichloropropane	<0.556	U	50.0	43.38		ug/L		87	74 - 125
1,3,5-Trimethylbenzene	<0.411	U	50.0	47.03		ug/L		94	70 - 125
1,3-Butadiene	<0.568	U	50.0	37.39		ug/L		75	70 - 150
2,2,4-Trimethylpentane	<0.500	U	50.0	40.99		ug/L		82	70 - 130
2-Butanone (MEK)	<8.28	U	250	248.2		ug/L		99	60 - 140
2-Hexanone (MBK)	<5.00	U	250	255.3		ug/L		102	60 - 140
2-Propanol	<5.23	U	500	518.1		ug/L		104	70 - 120
3-Chloropropene (Allyl Chloride)	<0.597	U	50.0	44.15		ug/L		88	70 - 130
4-Methyl-2-pentanone	<5.00	U	250	262.0		ug/L		105	60 - 140
Acrolein	<11.1	U	250	198.1		ug/L		79	50 - 150
Acrylonitrile	<14.3	U	500	498.8		ug/L		100	50 - 150
alpha-Chlorotoluene	<2.26	U	50.0	50.20		ug/L		100	70 - 130
Benzene	<0.460	U	50.0	44.63		ug/L		89	66 - 142
Bromodichloromethane	<0.552	U	50.0	48.09		ug/L		96	75 - 125
Bromoform	<0.633	U	50.0	49.23		ug/L		98	75 - 125
Bromomethane	<1.42	U	50.0	43.82		ug/L		88	60 - 140
Carbon disulfide	<1.65	U	50.0	50.75		ug/L		101	60 - 140
Carbon tetrachloride	<0.896	U	50.0	44.91		ug/L		90	62 - 125
Chlorobenzene	<0.455	U	50.0	43.61		ug/L		87	60 - 133
Chlorodibromomethane	<0.547	U	50.0	54.20		ug/L		108	73 - 125
Chloroethane	<1.98	U	50.0	40.62		ug/L		81	60 - 140
Chloroform	<0.464	U	50.0	43.70		ug/L		87	70 - 130
Chloromethane	<2.04	U	50.0	49.59		ug/L		99	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 820-16177-D-8 MS
Matrix: Water
Analysis Batch: 200579

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroprene	<0.598	U	50.0	49.60		ug/L		99	70 - 130
cis-1,2-Dichloroethene	<0.457	U	50.0	51.62		ug/L		103	75 - 125
cis-1,3-Dichloropropene	<1.07	U	50.0	48.38		ug/L		97	74 - 125
Cumene (isopropylbenzene)	<0.592	U	50.0	45.41		ug/L		91	75 - 125
Cyclohexane	<1.29	U	50.0	40.03		ug/L		80	70 - 130
Dibromomethane	<0.357	U	50.0	46.16		ug/L		92	69 - 127
Dichlorodifluoromethane	<0.785	U	50.0	54.87		ug/L		110	70 - 130
Ethyl methacrylate	<1.12	U	50.0	55.21		ug/L		110	70 - 130
Ethylbenzene	<0.385	U	50.0	43.42		ug/L		87	75 - 125
Hexane	<0.517	U	50.0	51.91		ug/L		104	72 - 125
Iodomethane	<5.00	U	50.0	46.26		ug/L		93	75 - 125
Isobutanol	<17.1	U	1240	1003		ug/L		81	60 - 140
Methacrylonitrile	<2.72	U	500	427.5		ug/L		85	70 - 130
Methyl methacrylate	<2.25	U	100	88.15		ug/L		88	70 - 130
Methyl tert-butyl ether	<1.39	U	50.0	53.34		ug/L		107	65 - 135
Methylene Chloride	<1.73	U	50.0	47.49		ug/L		95	75 - 125
Propionitrile	<3.34	U	500	491.2		ug/L		98	70 - 130
Propylbenzene	<0.429	U	50.0	45.19		ug/L		90	75 - 125
Styrene	<0.619	U	50.0	41.29		ug/L		83	75 - 125
Tetrachloroethene	<0.655	U	50.0	55.57		ug/L		111	71 - 125
Tetrahydrofuran	<1.83	U *1 *- F1	100	66.20	F1	ug/L		66	75 - 125
Toluene	<0.475	U	50.0	53.58		ug/L		107	59 - 139
trans-1,2-Dichloroethene	<0.368	U	50.0	51.51		ug/L		103	75 - 125
trans-1,3-Dichloropropene	<1.27	U	50.0	55.84		ug/L		112	66 - 125
trans-1,4-Dichloro-2-butene	<1.35	U	50.0	43.33		ug/L		87	70 - 130
Trichloroethene	<1.50	U	50.0	48.41		ug/L		97	62 - 137
Trichlorofluoromethane	<0.560	U	50.0	46.36		ug/L		93	60 - 140
Vinyl acetate	<2.14	U	250	254.5		ug/L		102	60 - 140
Vinyl chloride	<0.428	U	50.0	37.58		ug/L		75	60 - 140
Xylenes, Total	<1.24	U	100	87.55		ug/L		88	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.04356		mg/L		87	75 - 125
o-Xylene	<0.000502	U	0.0500	0.04399		mg/L		88	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*
Dibromofluoromethane (Surr)	*91*		*75 - 131*
Toluene-d8 (Surr)	*110*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-199899/1-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199899

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/15/24 05:06	11/16/24 08:33	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/15/24 05:06	11/16/24 08:33	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/15/24 05:06	11/16/24 08:33	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199899/1-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199899

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/15/24 05:06	11/16/24 08:33	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		11/15/24 05:06	11/16/24 08:33	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/15/24 05:06	11/16/24 08:33	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/15/24 05:06	11/16/24 08:33	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/15/24 05:06	11/16/24 08:33	1
2,4-Dimethylphenol	<0.192	U	0.571	0.192	ug/L		11/15/24 05:06	11/16/24 08:33	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		11/15/24 05:06	11/16/24 08:33	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/15/24 05:06	11/16/24 08:33	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/15/24 05:06	11/16/24 08:33	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/15/24 05:06	11/16/24 08:33	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/15/24 05:06	11/16/24 08:33	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/15/24 05:06	11/16/24 08:33	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/15/24 05:06	11/16/24 08:33	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/15/24 05:06	11/16/24 08:33	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/15/24 05:06	11/16/24 08:33	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/15/24 05:06	11/16/24 08:33	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/15/24 05:06	11/16/24 08:33	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/15/24 05:06	11/16/24 08:33	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/15/24 05:06	11/16/24 08:33	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/15/24 05:06	11/16/24 08:33	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/15/24 05:06	11/16/24 08:33	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/15/24 05:06	11/16/24 08:33	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/15/24 05:06	11/16/24 08:33	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/15/24 05:06	11/16/24 08:33	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/15/24 05:06	11/16/24 08:33	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/15/24 05:06	11/16/24 08:33	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/15/24 05:06	11/16/24 08:33	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/15/24 05:06	11/16/24 08:33	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/15/24 05:06	11/16/24 08:33	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/15/24 05:06	11/16/24 08:33	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/15/24 05:06	11/16/24 08:33	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/15/24 05:06	11/16/24 08:33	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		11/15/24 05:06	11/16/24 08:33	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/15/24 05:06	11/16/24 08:33	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/15/24 05:06	11/16/24 08:33	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/15/24 05:06	11/16/24 08:33	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/15/24 05:06	11/16/24 08:33	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/15/24 05:06	11/16/24 08:33	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/15/24 05:06	11/16/24 08:33	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		11/15/24 05:06	11/16/24 08:33	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/15/24 05:06	11/16/24 08:33	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/15/24 05:06	11/16/24 08:33	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/15/24 05:06	11/16/24 08:33	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/15/24 05:06	11/16/24 08:33	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/15/24 05:06	11/16/24 08:33	1
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/15/24 05:06	11/16/24 08:33	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/15/24 05:06	11/16/24 08:33	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/15/24 05:06	11/16/24 08:33	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/15/24 05:06	11/16/24 08:33	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199899/1-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199899

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/15/24 05:06	11/16/24 08:33	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/15/24 05:06	11/16/24 08:33	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/15/24 05:06	11/16/24 08:33	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		11/15/24 05:06	11/16/24 08:33	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/15/24 05:06	11/16/24 08:33	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/15/24 05:06	11/16/24 08:33	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/15/24 05:06	11/16/24 08:33	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/15/24 05:06	11/16/24 08:33	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/15/24 05:06	11/16/24 08:33	1
Phenol	<0.448	U	2.86	0.448	ug/L		11/15/24 05:06	11/16/24 08:33	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/15/24 05:06	11/16/24 08:33	1
Pyridine	<1.44	U	2.86	1.44	ug/L		11/15/24 05:06	11/16/24 08:33	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/15/24 05:06	11/16/24 08:33	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/15/24 05:06	11/16/24 08:33	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/15/24 05:06	11/16/24 08:33	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/15/24 05:06	11/16/24 08:33	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/15/24 05:06	11/16/24 08:33	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		11/15/24 05:06	11/16/24 08:33	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/15/24 05:06	11/16/24 08:33	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/15/24 05:06	11/16/24 08:33	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/15/24 05:06	11/16/24 08:33	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/15/24 05:06	11/16/24 08:33	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/15/24 05:06	11/16/24 08:33	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/15/24 05:06	11/16/24 08:33	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/15/24 05:06	11/16/24 08:33	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/15/24 05:06	11/16/24 08:33	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		11/15/24 05:06	11/16/24 08:33	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/15/24 05:06	11/16/24 08:33	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/15/24 05:06	11/16/24 08:33	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/15/24 05:06	11/16/24 08:33	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/15/24 05:06	11/16/24 08:33	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/15/24 05:06	11/16/24 08:33	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/15/24 05:06	11/16/24 08:33	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/15/24 05:06	11/16/24 08:33	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/15/24 05:06	11/16/24 08:33	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/15/24 05:06	11/16/24 08:33	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		11/15/24 05:06	11/16/24 08:33	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		11/15/24 05:06	11/16/24 08:33	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/15/24 05:06	11/16/24 08:33	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/15/24 05:06	11/16/24 08:33	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/15/24 05:06	11/16/24 08:33	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/15/24 05:06	11/16/24 08:33	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/15/24 05:06	11/16/24 08:33	1
Dimethoate	<0.122	U	0.571	0.122	ug/L		11/15/24 05:06	11/16/24 08:33	1
Dinoseb	<0.570	U	2.86	0.570	ug/L		11/15/24 05:06	11/16/24 08:33	1
Disulfoton	<0.203	U	0.571	0.203	ug/L		11/15/24 05:06	11/16/24 08:33	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/15/24 05:06	11/16/24 08:33	1
Ethyl Parathion	<0.0502	U	0.229	0.0502	ug/L		11/15/24 05:06	11/16/24 08:33	1
Famphur	<0.151	U	1.14	0.151	ug/L		11/15/24 05:06	11/16/24 08:33	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-199899/1-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199899

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloropropene	<0.300	U	0.571	0.300	ug/L		11/15/24 05:06	11/16/24 08:33	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/15/24 05:06	11/16/24 08:33	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/15/24 05:06	11/16/24 08:33	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/15/24 05:06	11/16/24 08:33	1
Methapyrilene	<1.00	U	2.29	1.00	ug/L		11/15/24 05:06	11/16/24 08:33	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/15/24 05:06	11/16/24 08:33	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		11/15/24 05:06	11/16/24 08:33	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/15/24 05:06	11/16/24 08:33	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		11/15/24 05:06	11/16/24 08:33	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/15/24 05:06	11/16/24 08:33	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/15/24 05:06	11/16/24 08:33	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/15/24 05:06	11/16/24 08:33	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		11/15/24 05:06	11/16/24 08:33	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		11/15/24 05:06	11/16/24 08:33	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		11/15/24 05:06	11/16/24 08:33	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/15/24 05:06	11/16/24 08:33	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/15/24 05:06	11/16/24 08:33	1
Phorate	<0.221	U	0.571	0.221	ug/L		11/15/24 05:06	11/16/24 08:33	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		11/15/24 05:06	11/16/24 08:33	1
Pronamide	<0.100	U	0.571	0.100	ug/L		11/15/24 05:06	11/16/24 08:33	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/15/24 05:06	11/16/24 08:33	1
Sulfotepp	<0.147	U	0.571	0.147	ug/L		11/15/24 05:06	11/16/24 08:33	1
Thionazin	<0.208	U	1.14	0.208	ug/L		11/15/24 05:06	11/16/24 08:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*121*		*35 - 130*	*11/15/24 05:06*	*11/16/24 08:33*	*1*
2-Fluorobiphenyl	*104*		*43 - 130*	*11/15/24 05:06*	*11/16/24 08:33*	*1*
2-Fluorophenol (Surr)	*56*		*19 - 120*	*11/15/24 05:06*	*11/16/24 08:33*	*1*
Nitrobenzene-d5 (Surr)	*114*		*37 - 133*	*11/15/24 05:06*	*11/16/24 08:33*	*1*
Phenol-d5 (Surr)	*33*		*8 - 124*	*11/15/24 05:06*	*11/16/24 08:33*	*1*
p-Terphenyl-d14	*126*		*47 - 130*	*11/15/24 05:06*	*11/16/24 08:33*	*1*

Lab Sample ID: LCS 860-199899/2-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199899

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	2.86	0.8739	*-	ug/L		31	32 - 130
1,2-Dichlorobenzene	2.86	0.9800		ug/L		34	32 - 130
1,3-Dichlorobenzene	2.86	0.8375		ug/L		29	26 - 130
1,4-Dichlorobenzene	2.86	0.9095		ug/L		32	28 - 130
2,2'-oxybis[1-chloropropane]	2.86	3.322	I	ug/L		116	10 - 173
2,4,5-Trichlorophenol	2.86	3.317		ug/L		116	35 - 130
2,4,6-Trichlorophenol	2.86	3.015		ug/L		106	52 - 129
2,4-Dichlorophenol	2.86	2.935		ug/L		103	53 - 122
2,4-Dimethylphenol	2.86	3.745	*+	ug/L		131	42 - 120
1,4-Dioxane	2.86	0.8341		ug/L		29	27 - 130
2,4-Dinitrophenol	2.86	1.833	J	ug/L		64	12 - 173

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199899/2-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199899

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrotoluene	2.86	3.067		ug/L		107	48 - 127
2,6-Dinitrotoluene	2.86	3.153		ug/L		110	68 - 137
2-Chloronaphthalene	2.86	1.872		ug/L		66	10 - 130
2-Methylnaphthalene	2.86	1.509		ug/L		53	25 - 175
2-Methylphenol	2.86	2.595		ug/L		91	14 - 176
2-Nitroaniline	2.86	3.139		ug/L		110	59 - 130
2-Nitrophenol	2.86	2.879		ug/L		101	45 - 167
3 & 4 Methylphenol	2.86	2.430	I	ug/L		85	22 - 130
3-Nitroaniline	2.86	1.635		ug/L		57	30 - 130
4,6-Dinitro-2-methylphenol	2.86	2.359		ug/L		83	10 - 130
4-Bromophenyl phenyl ether	2.86	3.310		ug/L		116	65 - 120
4-Chloro-3-methylphenol	2.86	2.712		ug/L		95	41 - 128
4-Chloroaniline	2.86	1.429		ug/L		50	30 - 130
4-Chlorophenyl phenyl ether	2.86	3.120		ug/L		109	38 - 145
4-Nitroaniline	2.86	2.343		ug/L		82	42 - 125
Acenaphthene	2.86	2.615		ug/L		92	60 - 132
Acenaphthylene	2.86	3.009		ug/L		105	54 - 126
Aniline	2.86	1.245		ug/L		44	15 - 130
Anthracene	2.86	3.073		ug/L		108	43 - 135
Benzo[a]anthracene	2.86	3.574		ug/L		125	42 - 133
Benzo[a]pyrene	2.86	3.299		ug/L		115	32 - 148
Benzo[b]fluoranthene	2.86	3.651		ug/L		128	42 - 140
Benzo[g,h,i]perylene	2.86	3.090		ug/L		108	25 - 195
Benzo[k]fluoranthene	2.86	3.226		ug/L		113	25 - 146
Benzyl alcohol	2.86	1.146	*-	ug/L		40	57 - 130
Bis(2-chloroethoxy)methane	2.86	3.303		ug/L		116	49 - 165
Bis(2-chloroethyl)ether	2.86	3.390		ug/L		119	43 - 126
Bis(2-ethylhexyl) phthalate	2.86	3.245		ug/L		114	29 - 137
Butyl benzyl phthalate	2.86	3.105		ug/L		109	28 - 130
Chrysene	2.86	3.395		ug/L		119	47 - 130
Dibenz(a,h)anthracene	2.86	3.233		ug/L		113	32 - 200
Dibenzofuran	2.86	2.772		ug/L		97	48 - 130
Diethyl phthalate	2.86	3.283		ug/L		115	53 - 120
Dimethyl phthalate	2.86	3.489	*+	ug/L		122	67 - 120
Di-n-butyl phthalate	2.86	3.390		ug/L		119	8 - 120
Di-n-octyl phthalate	2.86	3.305		ug/L		116	19 - 200
Fluoranthene	2.86	3.637		ug/L		127	43 - 130
Fluorene	2.86	2.859		ug/L		100	70 - 130
Hexachlorobenzene	2.86	3.307		ug/L		116	8 - 142
Hexachlorobutadiene	2.86	0.4465	J	ug/L		16	10 - 130
Hexachlorocyclopentadiene	2.86	0.9185	I	ug/L		32	10 - 130
Hexachloroethane	2.86	0.5599	J	ug/L		20	10 - 130
Indeno[1,2,3-cd]pyrene	2.86	3.014		ug/L		105	29 - 151
Isophorone	2.86	3.061		ug/L		107	47 - 180
Naphthalene	2.86	1.756		ug/L		61	36 - 120
Nitrobenzene	2.86	2.987		ug/L		105	54 - 130
N-Nitrosodi-n-propylamine	2.86	2.629		ug/L		92	14 - 198
N-Nitrosodiphenylamine	2.86	3.354		ug/L		117	40 - 127
Pentachlorophenol	2.86	2.953		ug/L		103	38 - 152

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199899/2-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199899

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenanthrene	2.86	3.239		ug/L		113	65 - 120
Phenol	2.86	0.9703	J	ug/L		34	17 - 120
Pyrene	2.86	3.689		ug/L		129	70 - 130
Pyridine	2.86	<1.44	U	ug/L		24	1 - 126
N-Nitro-o-toluidine	2.86	2.596		ug/L		91	47 - 130
2,3,4,6-Tetrachlorophenol	2.86	2.735		ug/L		96	33 - 132
Acetophenone	2.86	3.076		ug/L		108	58 - 130
N-Nitrosopiperidine	2.86	2.624		ug/L		92	54 - 130
Pentachlorobenzene	2.86	2.595		ug/L		91	47 - 130
Diphenyl ether	2.86	2.370		ug/L		83	61 - 130
1,1'-Biphenyl	2.86	2.250		ug/L		79	52 - 130
4-Aminobiphenyl	2.86	2.460		ug/L		86	35 - 130
1,2,4,5-Tetrachlorobenzene	2.86	1.250	*-	ug/L		44	52 - 130
1,3,5-Trinitrobenzene	2.86	3.506		ug/L		123	42 - 130
1,3-Dinitrobenzene	2.86	3.424		ug/L		120	54 - 130
1,4-Naphthoquinone	2.86	3.116		ug/L		109	34 - 130
1-Naphthylamine	2.86	1.548		ug/L		54	40 - 130
2,6-Dichlorophenol	2.86	2.984		ug/L		104	40 - 130
2-Acetylaminofluorene	2.86	4.475	*+	ug/L		157	50 - 150
2-Chlorophenol	2.86	2.673		ug/L		94	36 - 120
2-Naphthylamine	2.86	1.702		ug/L		60	30 - 130
2-Picoline	2.86	0.5192	J *-	ug/L		18	22 - 130
2-Toluidine	2.86	1.549		ug/L		54	30 - 130
3,3'-Dichlorobenzidine	2.86	3.256		ug/L		114	20 - 150
3,3'-Dimethylbenzidine	2.86	1.271		ug/L		44	30 - 130
3-Methylcholanthrene	2.86	3.025		ug/L		106	53 - 130
4-Nitroquinoline-1-oxide	2.86	2.617		ug/L		92	39 - 130
7,12-Dimethylbenz(a)anthracene	2.86	3.320		ug/L		116	63 - 130
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U *-	ug/L		0	20 - 130
Aramite Peak 1	1.43	1.794		ug/L		126	69 - 130
Aramite Peak 2	1.43	1.619		ug/L		113	65 - 130
Diallate Peak 1	2.11	2.610		ug/L		123	69 - 130
Diallate Peak 2	0.743	0.8819		ug/L		119	67 - 130
Ethyl methanesulfonate	2.86	2.144		ug/L		75	54 - 130
Hexachloropropene	2.86	0.5206	J *-	ug/L		18	37 - 130
Isosafrole Peak 1	0.457	0.4234	J	ug/L		93	54 - 130
Isosafrole Peak 2	2.40	2.331		ug/L		97	62 - 130
Methyl methanesulfonate	2.86	1.140		ug/L		40	30 - 130
N-Nitrosodiethylamine	2.86	2.969		ug/L		104	54 - 130
N-Nitrosodimethylamine	2.86	0.6649	*-	ug/L		23	28 - 126
N-Nitrosodi-n-butylamine	2.86	3.363		ug/L		118	58 - 130
N-Nitrosomethylethylamine	2.86	1.840		ug/L		64	45 - 130
N-Nitrosomorpholine	2.86	1.351		ug/L		47	37 - 130
N-Nitrosopyrrolidine	2.86	1.278	*-	ug/L		45	47 - 130
p-Dimethylamino azobenzene	2.86	3.046		ug/L		107	61 - 130
Pentachloronitrobenzene	2.86	3.813	*+	ug/L		133	56 - 130
Phenacetin	2.86	2.725		ug/L		95	70 - 130
p-Phenylene diamine	2.86	<0.500	U *-	ug/L		0	3 - 120

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-199899/2-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199899

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Pronamide			2.86	3.837	*+	ug/L		134	70 - 130		
Safrole, Total			2.86	2.502		ug/L		88	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*134*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*98*		*43 - 130*
2-Fluorophenol (Surr)	*50*		*19 - 120*
Nitrobenzene-d5 (Surr)	*112*		*37 - 133*
Phenol-d5 (Surr)	*29*		*8 - 124*
p-Terphenyl-d14	*118*		*47 - 130*

Lab Sample ID: LCS 860-199899/4-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199899

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Dimethoate			2.86	11.13	*+	ug/L		390	45 - 138		
Dinoseb			5.71	11.93	*+	ug/L		209	49 - 130		
Disulfoton			5.71	10.18	*+	ug/L		178	38 - 134		
Ethyl Parathion			2.86	11.33	*+	ug/L		397	25 - 173		
Famphur			2.86	5.745	*+	ug/L		201	43 - 142		
Methapyrilene			5.71	22.90	E *+	ug/L		401	70 - 183		
Methyl parathion			5.71	12.01	*+	ug/L		210	26 - 159		
o,o',o''-Triethylphosphorothioate			2.86	4.604	*+	ug/L		161	43 - 130		
Phorate			5.71	9.573	*+	ug/L		168	37 - 140		
Sulfotepp			2.86	9.964	*+	ug/L		349	28 - 158		
Thionazin			2.86	5.189	*+	ug/L		182	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*106*		*35 - 130*
2-Fluorobiphenyl	*90*		*43 - 130*
2-Fluorophenol (Surr)	*63*		*19 - 120*
Nitrobenzene-d5 (Surr)	*107*		*37 - 133*
Phenol-d5 (Surr)	*48*		*8 - 124*
p-Terphenyl-d14	*83*		*47 - 130*

Lab Sample ID: LCSD 860-199899/3-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199899

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			2.86	0.9206		ug/L		32	32 - 130	5	30
1,2-Dichlorobenzene			2.86	0.9316		ug/L		33	32 - 130	5	30
1,3-Dichlorobenzene			2.86	0.8457		ug/L		30	26 - 130	1	30
1,4-Dichlorobenzene			2.86	0.9156		ug/L		32	28 - 130	1	30
2,2'-oxybis[1-chloropropane]			2.86	3.076	I	ug/L		108	10 - 173	8	30
2,4,5-Trichlorophenol			2.86	3.306		ug/L		116	35 - 130	0	30
2,4,6-Trichlorophenol			2.86	3.038		ug/L		106	52 - 129	1	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199899/3-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199899

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dichlorophenol	2.86	2.823		ug/L		99	53 - 122	4	30
2,4-Dimethylphenol	2.86	3.732	*+	ug/L		131	42 - 120	0	30
1,4-Dioxane	2.86	0.8774		ug/L		31	27 - 130	5	30
2,4-Dinitrophenol	2.86	1.499	J	ug/L		52	12 - 173	20	30
2,4-Dinitrotoluene	2.86	3.173		ug/L		111	48 - 127	3	30
2,6-Dinitrotoluene	2.86	3.258		ug/L		114	68 - 137	3	30
2-Chloronaphthalene	2.86	1.874		ug/L		66	10 - 130	0	30
2-Methylnaphthalene	2.86	1.578		ug/L		55	25 - 175	4	30
2-Methylphenol	2.86	2.376		ug/L		83	14 - 176	9	30
2-Nitroaniline	2.86	3.039		ug/L		106	59 - 130	3	30
2-Nitrophenol	2.86	2.993		ug/L		105	45 - 167	4	30
3 & 4 Methylphenol	2.86	2.078		ug/L		73	22 - 130	16	30
3-Nitroaniline	2.86	1.683		ug/L		59	30 - 130	3	30
4,6-Dinitro-2-methylphenol	2.86	2.350		ug/L		82	10 - 130	0	30
4-Bromophenyl phenyl ether	2.86	3.424		ug/L		120	65 - 120	3	30
4-Chloro-3-methylphenol	2.86	2.773		ug/L		97	41 - 128	2	30
4-Chloroaniline	2.86	1.542		ug/L		54	30 - 130	8	30
4-Chlorophenyl phenyl ether	2.86	3.274		ug/L		115	38 - 145	5	30
4-Nitroaniline	2.86	2.433		ug/L		85	42 - 125	4	30
Acenaphthene	2.86	2.648		ug/L		93	60 - 132	1	30
Acenaphthylene	2.86	3.000		ug/L		105	54 - 126	0	30
Aniline	2.86	1.395		ug/L		49	15 - 130	11	30
Anthracene	2.86	3.178		ug/L		111	43 - 135	3	30
Benzo[a]anthracene	2.86	3.861	*+	ug/L		135	42 - 133	8	30
Benzo[a]pyrene	2.86	3.433		ug/L		120	32 - 148	4	30
Benzo[b]fluoranthene	2.86	3.891		ug/L		136	42 - 140	6	30
Benzo[g,h,i]perylene	2.86	3.134		ug/L		110	25 - 195	1	30
Benzo[k]fluoranthene	2.86	3.396		ug/L		119	25 - 146	5	30
Benzyl alcohol	2.86	1.182	*-	ug/L		41	57 - 130	3	30
Bis(2-chloroethoxy)methane	2.86	3.327		ug/L		116	49 - 165	1	30
Bis(2-chloroethyl)ether	2.86	3.390		ug/L		119	43 - 126	0	30
Bis(2-ethylhexyl) phthalate	2.86	3.456		ug/L		121	29 - 137	6	30
Butyl benzyl phthalate	2.86	3.139		ug/L		110	28 - 130	1	30
Chrysene	2.86	3.623		ug/L		127	47 - 130	6	30
Dibenz(a,h)anthracene	2.86	3.362		ug/L		118	32 - 200	4	30
Dibenzofuran	2.86	2.981		ug/L		104	48 - 130	7	30
Diethyl phthalate	2.86	3.458	*+	ug/L		121	53 - 120	5	30
Dimethyl phthalate	2.86	3.425		ug/L		120	67 - 120	2	30
Di-n-butyl phthalate	2.86	3.500	*+	ug/L		122	8 - 120	3	30
Di-n-octyl phthalate	2.86	3.559		ug/L		125	19 - 200	7	30
Fluoranthene	2.86	3.699		ug/L		129	43 - 130	2	30
Fluorene	2.86	2.993		ug/L		105	70 - 130	5	30
Hexachlorobenzene	2.86	3.443		ug/L		120	8 - 142	4	30
Hexachlorobutadiene	2.86	0.4179	J	ug/L		15	10 - 130	7	30
Hexachlorocyclopentadiene	2.86	0.8525		ug/L		30	10 - 130	7	30
Hexachloroethane	2.86	0.5647	J	ug/L		20	10 - 130	1	30
Indeno[1,2,3-cd]pyrene	2.86	3.077		ug/L		108	29 - 151	2	30
Isophorone	2.86	3.125		ug/L		109	47 - 180	2	30
Naphthalene	2.86	1.784		ug/L		62	36 - 120	2	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199899/3-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199899

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrobenzene	2.86	2.878		ug/L		101	54 - 130	4	30
N-Nitrosodi-n-propylamine	2.86	2.724		ug/L		95	14 - 198	4	30
N-Nitrosodiphenylamine	2.86	3.513		ug/L		123	40 - 127	5	30
Pentachlorophenol	2.86	3.020		ug/L		106	38 - 152	2	30
Phenanthrene	2.86	3.405		ug/L		119	65 - 120	5	30
Phenol	2.86	0.9435	J	ug/L		33	17 - 120	3	30
Pyrene	2.86	3.733	*+	ug/L		131	70 - 130	1	30
Pyridine	2.86	1.844	J *1	ug/L		65	1 - 126	93	30
N-Nitro-o-toluidine	2.86	2.687		ug/L		94	47 - 130	3	30
2,3,4,6-Tetrachlorophenol	2.86	2.854		ug/L		100	33 - 132	4	30
Acetophenone	2.86	3.073		ug/L		108	58 - 130	0	30
N-Nitrosopiperidine	2.86	2.653		ug/L		93	54 - 130	1	30
Pentachlorobenzene	2.86	2.629		ug/L		92	47 - 130	1	30
Diphenyl ether	2.86	2.345		ug/L		82	61 - 130	1	30
1,1'-Biphenyl	2.86	2.144		ug/L		75	52 - 130	5	30
4-Aminobiphenyl	2.86	2.559		ug/L		90	35 - 130	4	30
1,2,4,5-Tetrachlorobenzene	2.86	1.287	*-	ug/L		45	52 - 130	3	30
1,3,5-Trinitrobenzene	2.86	3.543		ug/L		124	42 - 130	1	30
1,3-Dinitrobenzene	2.86	3.336		ug/L		117	54 - 130	3	30
1,4-Naphthoquinone	2.86	2.809		ug/L		98	34 - 130	10	30
1-Naphthylamine	2.86	1.744		ug/L		61	40 - 130	12	30
2,6-Dichlorophenol	2.86	2.935		ug/L		103	40 - 130	2	30
2-Acetylaminofluorene	2.86	4.279		ug/L		150	50 - 150	4	30
2-Chlorophenol	2.86	2.626		ug/L		92	36 - 120	2	30
2-Naphthylamine	2.86	1.651		ug/L		58	30 - 130	3	30
2-Picoline	2.86	1.084	*1	ug/L		38	22 - 130	70	30
2-Toluidine	2.86	1.604		ug/L		56	30 - 130	3	30
3,3'-Dichlorobenzidine	2.86	3.254		ug/L		114	20 - 150	0	30
3,3'-Dimethylbenzidine	2.86	1.688		ug/L		59	30 - 130	28	30
3-Methylcholanthrene	2.86	3.146		ug/L		110	53 - 130	4	30
4-Nitroquinoline-1-oxide	2.86	2.340		ug/L		82	39 - 130	11	30
7,12-Dimethylbenz(a)anthracene	2.86	3.572		ug/L		125	63 - 130	7	30
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U *-	ug/L		0	20 - 130	NC	30
Aramite Peak 1	1.43	1.831		ug/L		128	69 - 130	2	30
Aramite Peak 2	1.43	1.665		ug/L		117	65 - 130	3	30
Diallate Peak 1	2.11	2.493		ug/L		118	69 - 130	5	30
Diallate Peak 2	0.743	0.9043		ug/L		122	67 - 130	3	30
Ethyl methanesulfonate	2.86	2.113		ug/L		74	54 - 130	1	30
Hexachloropropene	2.86	0.5085	J *-	ug/L		18	37 - 130	2	30
Isosafrole Peak 1	0.457	0.4163	J	ug/L		91	54 - 130	2	30
Isosafrole Peak 2	2.40	2.423		ug/L		101	62 - 130	4	30
Methyl methanesulfonate	2.86	1.059		ug/L		37	30 - 130	7	30
N-Nitrosodiethylamine	2.86	2.881		ug/L		101	54 - 130	3	30
N-Nitrosodimethylamine	2.86	0.6327	*-	ug/L		22	28 - 126	5	30
N-Nitrosodi-n-butylamine	2.86	3.227		ug/L		113	58 - 130	4	30
N-Nitrosomethylethylamine	2.86	1.779		ug/L		62	45 - 130	3	30
N-Nitrosomorpholine	2.86	1.309		ug/L		46	37 - 130	3	30
N-Nitrosopyrrolidine	2.86	1.180	I *-	ug/L		41	47 - 130	8	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-199899/3-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199899

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
p-Dimethylamino azobenzene			2.86	3.201		ug/L		112	61 - 130	5	30
Pentachloronitrobenzene			2.86	3.653		ug/L		128	56 - 130	4	30
Phenacetin			2.86	2.740		ug/L		96	70 - 130	1	30
p-Phenylene diamine			2.86	<0.500	U *-	ug/L		0	3 - 120	NC	30
Pronamide			2.86	3.954	*+	ug/L		138	70 - 130	3	30
Safrole, Total			2.86	2.574		ug/L		90	70 - 130	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*107*		*35 - 130*
2-Fluorobiphenyl	*103*		*43 - 130*
2-Fluorophenol (Surr)	*51*		*19 - 120*
Nitrobenzene-d5 (Surr)	*111*		*37 - 133*
Phenol-d5 (Surr)	*31*		*8 - 124*
p-Terphenyl-d14	*121*		*47 - 130*

Lab Sample ID: LCSD 860-199899/5-A
Matrix: Water
Analysis Batch: 200175

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 199899

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethoate			2.86	10.92	*+	ug/L		382	45 - 138	2	30
Dinoseb			5.71	12.31	*+	ug/L		215	49 - 130	3	30
Disulfoton			5.71	10.05	*+	ug/L		176	38 - 134	1	30
Ethyl Parathion			2.86	11.18	*+	ug/L		391	25 - 173	1	30
Famphur			2.86	5.953	*+	ug/L		208	43 - 142	4	30
Methapyrilene			5.71	23.64	*+ E	ug/L		414	70 - 183	3	30
Methyl parathion			5.71	11.97	*+	ug/L		209	26 - 159	0	30
o,o',o''-Triethylphosphorothioate			2.86	4.947	*+	ug/L		173	43 - 130	7	30
Phorate			5.71	9.770	*+	ug/L		171	37 - 140	2	30
Sulfotepp			2.86	10.17	*+	ug/L		356	28 - 158	2	30
Thionazin			2.86	5.272	*+	ug/L		185	50 - 150	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*123*		*35 - 130*
2-Fluorobiphenyl	*100*		*43 - 130*
2-Fluorophenol (Surr)	*71*		*19 - 120*
Nitrobenzene-d5 (Surr)	*115*		*37 - 133*
Phenol-d5 (Surr)	*49*		*8 - 124*
p-Terphenyl-d14	*92*		*47 - 130*

Lab Sample ID: MB 860-204625/1-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 204625

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		12/11/24 04:48	12/13/24 21:39	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-204625/1-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 204625

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,4-Dimethylphenol	<0.192	U	0.571	0.192	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		12/11/24 04:48	12/13/24 21:39	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		12/11/24 04:48	12/13/24 21:39	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		12/11/24 04:48	12/13/24 21:39	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		12/11/24 04:48	12/13/24 21:39	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		12/11/24 04:48	12/13/24 21:39	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		12/11/24 04:48	12/13/24 21:39	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		12/11/24 04:48	12/13/24 21:39	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		12/11/24 04:48	12/13/24 21:39	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		12/11/24 04:48	12/13/24 21:39	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		12/11/24 04:48	12/13/24 21:39	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		12/11/24 04:48	12/13/24 21:39	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		12/11/24 04:48	12/13/24 21:39	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		12/11/24 04:48	12/13/24 21:39	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		12/11/24 04:48	12/13/24 21:39	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		12/11/24 04:48	12/13/24 21:39	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		12/11/24 04:48	12/13/24 21:39	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		12/11/24 04:48	12/13/24 21:39	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		12/11/24 04:48	12/13/24 21:39	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		12/11/24 04:48	12/13/24 21:39	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		12/11/24 04:48	12/13/24 21:39	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		12/11/24 04:48	12/13/24 21:39	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		12/11/24 04:48	12/13/24 21:39	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		12/11/24 04:48	12/13/24 21:39	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		12/11/24 04:48	12/13/24 21:39	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		12/11/24 04:48	12/13/24 21:39	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		12/11/24 04:48	12/13/24 21:39	1
Fluorene	<0.0948	U	0.571	0.0948	ug/L		12/11/24 04:48	12/13/24 21:39	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		12/11/24 04:48	12/13/24 21:39	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		12/11/24 04:48	12/13/24 21:39	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		12/11/24 04:48	12/13/24 21:39	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-204625/1-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 204625

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		12/11/24 04:48	12/13/24 21:39	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		12/11/24 04:48	12/13/24 21:39	1
Isophorone	<0.107	U	0.571	0.107	ug/L		12/11/24 04:48	12/13/24 21:39	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		12/11/24 04:48	12/13/24 21:39	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		12/11/24 04:48	12/13/24 21:39	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		12/11/24 04:48	12/13/24 21:39	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		12/11/24 04:48	12/13/24 21:39	1
Phenol	<0.448	U	2.86	0.448	ug/L		12/11/24 04:48	12/13/24 21:39	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		12/11/24 04:48	12/13/24 21:39	1
Pyridine	<1.44	U	2.86	1.44	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		12/11/24 04:48	12/13/24 21:39	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		12/11/24 04:48	12/13/24 21:39	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		12/11/24 04:48	12/13/24 21:39	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		12/11/24 04:48	12/13/24 21:39	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		12/11/24 04:48	12/13/24 21:39	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		12/11/24 04:48	12/13/24 21:39	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		12/11/24 04:48	12/13/24 21:39	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		12/11/24 04:48	12/13/24 21:39	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		12/11/24 04:48	12/13/24 21:39	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		12/11/24 04:48	12/13/24 21:39	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		12/11/24 04:48	12/13/24 21:39	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		12/11/24 04:48	12/13/24 21:39	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		12/11/24 04:48	12/13/24 21:39	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		12/11/24 04:48	12/13/24 21:39	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		12/11/24 04:48	12/13/24 21:39	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		12/11/24 04:48	12/13/24 21:39	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		12/11/24 04:48	12/13/24 21:39	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		12/11/24 04:48	12/13/24 21:39	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		12/11/24 04:48	12/13/24 21:39	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		12/11/24 04:48	12/13/24 21:39	1
Dimethoate	<0.122	U	0.571	0.122	ug/L		12/11/24 04:48	12/13/24 21:39	1
Dinoseb	<0.570	U	2.86	0.570	ug/L		12/11/24 04:48	12/13/24 21:39	1
Disulfoton	<0.203	U	0.571	0.203	ug/L		12/11/24 04:48	12/13/24 21:39	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		12/11/24 04:48	12/13/24 21:39	1
Ethyl Parathion	<0.0502	U	0.229	0.0502	ug/L		12/11/24 04:48	12/13/24 21:39	1
Famphur	<0.151	U	1.14	0.151	ug/L		12/11/24 04:48	12/13/24 21:39	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-204625/1-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 204625

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloropropene	<0.300	U	0.571	0.300	ug/L		12/11/24 04:48	12/13/24 21:39	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		12/11/24 04:48	12/13/24 21:39	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		12/11/24 04:48	12/13/24 21:39	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		12/11/24 04:48	12/13/24 21:39	1
Methapyrilene	<1.00	U	2.29	1.00	ug/L		12/11/24 04:48	12/13/24 21:39	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		12/11/24 04:48	12/13/24 21:39	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		12/11/24 04:48	12/13/24 21:39	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		12/11/24 04:48	12/13/24 21:39	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		12/11/24 04:48	12/13/24 21:39	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		12/11/24 04:48	12/13/24 21:39	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		12/11/24 04:48	12/13/24 21:39	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		12/11/24 04:48	12/13/24 21:39	1
Phorate	<0.221	U	0.571	0.221	ug/L		12/11/24 04:48	12/13/24 21:39	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		12/11/24 04:48	12/13/24 21:39	1
Pronamide	<0.100	U	0.571	0.100	ug/L		12/11/24 04:48	12/13/24 21:39	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		12/11/24 04:48	12/13/24 21:39	1
Sulfotepp	<0.147	U	0.571	0.147	ug/L		12/11/24 04:48	12/13/24 21:39	1
Thionazin	<0.208	U	1.14	0.208	ug/L		12/11/24 04:48	12/13/24 21:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*96*		*35 - 130*	*12/11/24 04:48*	*12/13/24 21:39*	*1*
2-Fluorobiphenyl	*101*		*43 - 130*	*12/11/24 04:48*	*12/13/24 21:39*	*1*
2-Fluorophenol (Surr)	*62*		*19 - 120*	*12/11/24 04:48*	*12/13/24 21:39*	*1*
Nitrobenzene-d5 (Surr)	*117*		*37 - 133*	*12/11/24 04:48*	*12/13/24 21:39*	*1*
Phenol-d5 (Surr)	*36*		*8 - 124*	*12/11/24 04:48*	*12/13/24 21:39*	*1*
p-Terphenyl-d14	*147*	*S1+*	*47 - 130*	*12/11/24 04:48*	*12/13/24 21:39*	*1*

Lab Sample ID: LCS 860-204625/2-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	5.71	4.233		ug/L		74	32 - 130
1,2-Dichlorobenzene	5.71	4.467		ug/L		78	32 - 130
1,3-Dichlorobenzene	5.71	4.451		ug/L		78	26 - 130
1,4-Dichlorobenzene	5.71	4.444		ug/L		78	28 - 130
2,2'-oxybis[1-chloropropane]	5.71	6.727	I	ug/L		118	10 - 173
2,4,5-Trichlorophenol	5.71	6.941		ug/L		121	35 - 130
2,4,6-Trichlorophenol	5.71	6.862		ug/L		120	52 - 129
2,4-Dichlorophenol	5.71	6.554		ug/L		115	53 - 122
2,4-Dimethylphenol	5.71	10.42	*+	ug/L		182	42 - 120
1,4-Dioxane	5.71	2.024		ug/L		35	27 - 130
2,4-Dinitrophenol	5.71	3.022		ug/L		53	12 - 173

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-204625/2-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrotoluene	5.71	4.851		ug/L		85	48 - 127
2,6-Dinitrotoluene	5.71	5.840		ug/L		102	68 - 137
2-Chloronaphthalene	5.71	5.758		ug/L		101	10 - 130
2-Methylnaphthalene	5.71	4.665		ug/L		82	25 - 175
2-Methylphenol	5.71	5.864		ug/L		103	14 - 176
2-Nitroaniline	5.71	5.513		ug/L		96	59 - 130
2-Nitrophenol	5.71	7.254		ug/L		127	45 - 167
3 & 4 Methylphenol	5.71	5.655		ug/L		99	22 - 130
3-Nitroaniline	5.71	3.322		ug/L		58	30 - 130
4,6-Dinitro-2-methylphenol	5.71	3.925		ug/L		69	10 - 130
4-Bromophenyl phenyl ether	5.71	5.748		ug/L		101	65 - 120
4-Chloro-3-methylphenol	5.71	7.317		ug/L		128	41 - 128
4-Chloroaniline	5.71	4.019		ug/L		70	30 - 130
4-Chlorophenyl phenyl ether	5.71	5.962		ug/L		104	38 - 145
4-Nitroaniline	5.71	4.186		ug/L		73	42 - 125
Acenaphthene	5.71	5.731		ug/L		100	60 - 132
Acenaphthylene	5.71	6.903		ug/L		121	54 - 126
Aniline	5.71	3.296		ug/L		58	15 - 130
Anthracene	5.71	7.793	*+	ug/L		136	43 - 135
Benzo[a]anthracene	5.71	8.020	*+	ug/L		140	42 - 133
Benzo[a]pyrene	5.71	6.917		ug/L		121	32 - 148
Benzo[b]fluoranthene	5.71	8.209	*+	ug/L		144	42 - 140
Benzo[g,h,i]perylene	5.71	6.718		ug/L		118	25 - 195
Benzo[k]fluoranthene	5.71	7.070		ug/L		124	25 - 146
Benzyl alcohol	5.71	3.991		ug/L		70	57 - 130
Bis(2-chloroethoxy)methane	5.71	7.460		ug/L		131	49 - 165
Bis(2-chloroethyl)ether	5.71	6.645		ug/L		116	43 - 126
Bis(2-ethylhexyl) phthalate	5.71	8.123	*+	ug/L		142	29 - 137
Butyl benzyl phthalate	5.71	6.353		ug/L		111	28 - 130
Chrysene	5.71	7.256		ug/L		127	47 - 130
Dibenz(a,h)anthracene	5.71	7.112		ug/L		124	32 - 200
Dibenzofuran	5.71	5.440		ug/L		95	48 - 130
Diethyl phthalate	5.71	6.493		ug/L		114	53 - 120
Dimethyl phthalate	5.71	6.492		ug/L		114	67 - 120
Di-n-butyl phthalate	5.71	5.982		ug/L		105	8 - 120
Di-n-octyl phthalate	5.71	8.476		ug/L		148	19 - 200
Fluoranthene	5.71	7.398		ug/L		129	43 - 130
Fluorene	5.71	6.337		ug/L		111	70 - 130
Hexachlorobenzene	5.71	6.518		ug/L		114	8 - 142
Hexachlorobutadiene	5.71	4.697		ug/L		82	10 - 130
Hexachlorocyclopentadiene	5.71	13.89	*+	ug/L		243	10 - 130
Hexachloroethane	5.71	4.759		ug/L		83	10 - 130
Indeno[1,2,3-cd]pyrene	5.71	6.762		ug/L		118	29 - 151
Isophorone	5.71	7.836		ug/L		137	47 - 180
Naphthalene	5.71	5.364		ug/L		94	36 - 120
Nitrobenzene	5.71	6.248		ug/L		109	54 - 130
N-Nitrosodi-n-propylamine	5.71	6.312		ug/L		110	14 - 198
N-Nitrosodiphenylamine	5.71	6.608		ug/L		116	40 - 127
Pentachlorophenol	5.71	5.656		ug/L		99	38 - 152

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-204625/2-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenanthrene	5.71	7.888	*+	ug/L		138	65 - 120
Phenol	5.71	2.525	J	ug/L		44	17 - 120
Pyrene	5.71	7.278		ug/L		127	70 - 130
Pyridine	5.71	2.148	J	ug/L		38	1 - 126
N-Nitro-o-toluidine	5.71	4.284		ug/L		75	47 - 130
2,3,4,6-Tetrachlorophenol	5.71	7.975	*+	ug/L		140	33 - 132
Acetophenone	5.71	6.558		ug/L		115	58 - 130
N-Nitrosopiperidine	5.71	6.240		ug/L		109	54 - 130
Pentachlorobenzene	5.71	5.708		ug/L		100	47 - 130
Diphenyl ether	5.71	5.934		ug/L		104	61 - 130
1,1'-Biphenyl	5.71	5.461		ug/L		96	52 - 130
4-Aminobiphenyl	5.71	4.679		ug/L		82	35 - 130
1,2,4,5-Tetrachlorobenzene	5.71	5.239		ug/L		92	52 - 130
1,3,5-Trinitrobenzene	5.71	4.105		ug/L		72	42 - 130
1,3-Dinitrobenzene	5.71	5.920		ug/L		104	54 - 130
1,4-Naphthoquinone	5.71	5.444		ug/L		95	34 - 130
1-Naphthylamine	5.71	2.656		ug/L		46	40 - 130
2,6-Dichlorophenol	5.71	6.939		ug/L		121	40 - 130
2-Acetylaminofluorene	5.71	9.909	*+	ug/L		173	50 - 150
2-Chlorophenol	5.71	6.066		ug/L		106	36 - 120
2-Naphthylamine	5.71	3.687		ug/L		65	30 - 130
2-Picoline	5.71	2.311		ug/L		40	22 - 130
2-Toluidine	5.71	3.071		ug/L		54	30 - 130
3,3'-Dichlorobenzidine	5.71	6.028		ug/L		105	20 - 150
3,3'-Dimethylbenzidine	5.71	2.933		ug/L		51	30 - 130
3-Methylcholanthrene	5.71	6.983		ug/L		122	53 - 130
4-Nitroquinoline-1-oxide	5.71	4.729		ug/L		83	39 - 130
7,12-Dimethylbenz(a)anthracene	5.71	6.787		ug/L		119	63 - 130
alpha,alpha-Dimethyl phenethylamine	5.71	<3.67	U *-	ug/L		0	20 - 130
Aramite Peak 1	2.86	3.840	*+	ug/L		134	69 - 130
Aramite Peak 2	2.86	3.418		ug/L		120	65 - 130
Diallate Peak 1	4.23	4.108		ug/L		97	69 - 130
Diallate Peak 2	1.49	1.665		ug/L		112	67 - 130
Ethyl methanesulfonate	5.71	4.552		ug/L		80	54 - 130
Hexachloropropene	5.71	4.176		ug/L		73	37 - 130
Isosafrole Peak 1	0.914	0.9410		ug/L		103	54 - 130
Isosafrole Peak 2	4.80	5.285		ug/L		110	62 - 130
Methyl methanesulfonate	5.71	2.513		ug/L		44	30 - 130
N-Nitrosodiethylamine	5.71	6.120		ug/L		107	54 - 130
N-Nitrosodimethylamine	5.71	1.560	*-	ug/L		27	28 - 126
N-Nitrosodi-n-butylamine	5.71	6.868		ug/L		120	58 - 130
N-Nitrosomethylethylamine	5.71	3.966		ug/L		69	45 - 130
N-Nitrosomorpholine	5.71	2.909		ug/L		51	37 - 130
N-Nitrosopyrrolidine	5.71	3.011		ug/L		53	47 - 130
p-Dimethylamino azobenzene	5.71	6.199		ug/L		108	61 - 130
Pentachloronitrobenzene	5.71	6.324		ug/L		111	56 - 130
Phenacetin	5.71	6.227		ug/L		109	70 - 130
p-Phenylene diamine	5.71	<0.500	U *-	ug/L		0	3 - 120

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-204625/2-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Pronamide	5.71	6.667		ug/L		117	70 - 130
Safrole, Total	5.71	5.866		ug/L		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*109*		*35 - 130*
2-Fluorobiphenyl	*102*		*43 - 130*
2-Fluorophenol (Surr)	*69*		*19 - 120*
Nitrobenzene-d5 (Surr)	*123*		*37 - 133*
Phenol-d5 (Surr)	*45*		*8 - 124*
p-Terphenyl-d14	*135*	*S1+*	*47 - 130*

Lab Sample ID: LCS 860-204625/4-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethoate	2.86	4.319	*+	ug/L		151	45 - 138
Dinoseb	5.71	4.399		ug/L		77	49 - 130
Disulfoton	5.71	5.169		ug/L		90	38 - 134
Ethyl Parathion	2.86	4.361		ug/L		153	25 - 173
Famphur	2.86	2.521		ug/L		88	43 - 142
Methapyrilene	5.71	5.436		ug/L		95	70 - 183
Methyl parathion	5.71	4.471		ug/L		78	26 - 159
o,o',o''-Triethylphosphorothioate	2.86	2.483		ug/L		87	43 - 130
Phorate	5.71	4.758		ug/L		83	37 - 140
Sulfotepp	2.86	4.586	*+	ug/L		161	28 - 158
Thionazin	2.86	2.579		ug/L		90	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*84*		*35 - 130*
2-Fluorobiphenyl	*86*		*43 - 130*
2-Fluorophenol (Surr)	*53*		*19 - 120*
Nitrobenzene-d5 (Surr)	*96*		*37 - 133*
Phenol-d5 (Surr)	*33*		*8 - 124*
p-Terphenyl-d14	*100*		*47 - 130*

Lab Sample ID: LCSD 860-204625/3-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	5.71	4.295		ug/L		75	32 - 130	1	30
1,2-Dichlorobenzene	5.71	4.784		ug/L		84	32 - 130	7	30
1,3-Dichlorobenzene	5.71	4.755		ug/L		83	26 - 130	7	30
1,4-Dichlorobenzene	5.71	4.684		ug/L		82	28 - 130	5	30
2,2'-oxybis[1-chloropropane]	5.71	6.306		ug/L		110	10 - 173	6	30
2,4,5-Trichlorophenol	5.71	7.035		ug/L		123	35 - 130	1	30
2,4,6-Trichlorophenol	5.71	6.882		ug/L		120	52 - 129	0	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-204625/3-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dichlorophenol	5.71	6.563		ug/L		115	53 - 122	0	30
2,4-Dimethylphenol	5.71	10.65	*+	ug/L		186	42 - 120	2	30
1,4-Dioxane	5.71	2.185		ug/L		38	27 - 130	8	30
2,4-Dinitrophenol	5.71	2.788	J	ug/L		49	12 - 173	8	30
2,4-Dinitrotoluene	5.71	5.092		ug/L		89	48 - 127	5	30
2,6-Dinitrotoluene	5.71	5.818		ug/L		102	68 - 137	0	30
2-Chloronaphthalene	5.71	4.943		ug/L		87	10 - 130	15	30
2-Methylnaphthalene	5.71	4.496		ug/L		79	25 - 175	4	30
2-Methylphenol	5.71	6.254		ug/L		109	14 - 176	6	30
2-Nitroaniline	5.71	5.489		ug/L		96	59 - 130	0	30
2-Nitrophenol	5.71	7.084		ug/L		124	45 - 167	2	30
3 & 4 Methylphenol	5.71	5.953		ug/L		104	22 - 130	5	30
3-Nitroaniline	5.71	3.425		ug/L		60	30 - 130	3	30
4,6-Dinitro-2-methylphenol	5.71	4.156		ug/L		73	10 - 130	6	30
4-Bromophenyl phenyl ether	5.71	6.140		ug/L		107	65 - 120	7	30
4-Chloro-3-methylphenol	5.71	7.278		ug/L		127	41 - 128	1	30
4-Chloroaniline	5.71	3.793		ug/L		66	30 - 130	6	30
4-Chlorophenyl phenyl ether	5.71	6.217		ug/L		109	38 - 145	4	30
4-Nitroaniline	5.71	4.341		ug/L		76	42 - 125	4	30
Acenaphthene	5.71	5.908		ug/L		103	60 - 132	3	30
Acenaphthylene	5.71	6.857		ug/L		120	54 - 126	1	30
Aniline	5.71	3.328		ug/L		58	15 - 130	1	30
Anthracene	5.71	7.957	*+	ug/L		139	43 - 135	2	30
Benzo[a]anthracene	5.71	8.264	*+	ug/L		145	42 - 133	3	30
Benzo[a]pyrene	5.71	7.004		ug/L		123	32 - 148	1	30
Benzo[b]fluoranthene	5.71	8.497	*+	ug/L		149	42 - 140	3	30
Benzo[g,h,i]perylene	5.71	6.818		ug/L		119	25 - 195	1	30
Benzo[k]fluoranthene	5.71	7.147		ug/L		125	25 - 146	1	30
Benzyl alcohol	5.71	4.221		ug/L		74	57 - 130	6	30
Bis(2-chloroethoxy)methane	5.71	7.504		ug/L		131	49 - 165	1	30
Bis(2-chloroethyl)ether	5.71	7.176		ug/L		126	43 - 126	8	30
Bis(2-ethylhexyl) phthalate	5.71	8.276	*+	ug/L		145	29 - 137	2	30
Butyl benzyl phthalate	5.71	6.254		ug/L		109	28 - 130	2	30
Chrysene	5.71	7.514	*+	ug/L		132	47 - 130	3	30
Dibenz(a,h)anthracene	5.71	7.111		ug/L		124	32 - 200	0	30
Dibenzofuran	5.71	5.643		ug/L		99	48 - 130	4	30
Diethyl phthalate	5.71	6.684		ug/L		117	53 - 120	3	30
Dimethyl phthalate	5.71	6.407		ug/L		112	67 - 120	1	30
Di-n-butyl phthalate	5.71	6.037		ug/L		106	8 - 120	1	30
Di-n-octyl phthalate	5.71	8.685		ug/L		152	19 - 200	2	30
Fluoranthene	5.71	7.369		ug/L		129	43 - 130	0	30
Fluorene	5.71	6.602		ug/L		116	70 - 130	4	30
Hexachlorobenzene	5.71	6.559		ug/L		115	8 - 142	1	30
Hexachlorobutadiene	5.71	4.489		ug/L		79	10 - 130	5	30
Hexachlorocyclopentadiene	5.71	14.03	*+	ug/L		245	10 - 130	1	30
Hexachloroethane	5.71	4.994		ug/L		87	10 - 130	5	30
Indeno[1,2,3-cd]pyrene	5.71	6.840		ug/L		120	29 - 151	1	30
Isophorone	5.71	7.565		ug/L		132	47 - 180	4	30
Naphthalene	5.71	5.563		ug/L		97	36 - 120	4	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-204625/3-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 204625

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrobenzene	5.71	6.740		ug/L		118	54 - 130	8	30
N-Nitrosodi-n-propylamine	5.71	6.593		ug/L		115	14 - 198	4	30
N-Nitrosodiphenylamine	5.71	6.914		ug/L		121	40 - 127	5	30
Pentachlorophenol	5.71	6.056		ug/L		106	38 - 152	7	30
Phenanthrene	5.71	7.836	*+	ug/L		137	65 - 120	1	30
Phenol	5.71	2.809	J	ug/L		49	17 - 120	11	30
Pyrene	5.71	7.338		ug/L		128	70 - 130	1	30
Pyridine	5.71	1.527	J *1	ug/L		27	1 - 126	34	30
N-Nitro-o-toluidine	5.71	4.433		ug/L		78	47 - 130	3	30
2,3,4,6-Tetrachlorophenol	5.71	8.825	*+	ug/L		154	33 - 132	10	30
Acetophenone	5.71	6.554		ug/L		115	58 - 130	0	30
N-Nitrosopiperidine	5.71	6.187		ug/L		108	54 - 130	1	30
Pentachlorobenzene	5.71	5.824		ug/L		102	47 - 130	2	30
Diphenyl ether	5.71	5.858		ug/L		103	61 - 130	1	30
1,1'-Biphenyl	5.71	5.390		ug/L		94	52 - 130	1	30
4-Aminobiphenyl	5.71	4.788		ug/L		84	35 - 130	2	30
1,2,4,5-Tetrachlorobenzene	5.71	5.122		ug/L		90	52 - 130	2	30
1,3,5-Trinitrobenzene	5.71	4.954		ug/L		87	42 - 130	19	30
1,3-Dinitrobenzene	5.71	6.431		ug/L		113	54 - 130	8	30
1,4-Naphthoquinone	5.71	5.592		ug/L		98	34 - 130	3	30
1-Naphthylamine	5.71	2.686		ug/L		47	40 - 130	1	30
2,6-Dichlorophenol	5.71	6.900		ug/L		121	40 - 130	1	30
2-Acetylaminofluorene	5.71	10.03	*+	ug/L		175	50 - 150	1	30
2-Chlorophenol	5.71	6.559		ug/L		115	36 - 120	8	30
2-Naphthylamine	5.71	3.617		ug/L		63	30 - 130	2	30
2-Picoline	5.71	2.356		ug/L		41	22 - 130	2	30
2-Toluidine	5.71	2.913		ug/L		51	30 - 130	5	30
3,3'-Dichlorobenzidine	5.71	6.458		ug/L		113	20 - 150	7	30
3,3'-Dimethylbenzidine	5.71	2.732		ug/L		48	30 - 130	7	30
3-Methylcholanthrene	5.71	6.969		ug/L		122	53 - 130	0	30
4-Nitroquinoline-1-oxide	5.71	4.800		ug/L		84	39 - 130	1	30
7,12-Dimethylbenz(a)anthracene	5.71	6.888		ug/L		121	63 - 130	1	30
alpha,alpha-Dimethyl phenethylamine	5.71	<3.67	U *-	ug/L		0	20 - 130	NC	30
Aramite Peak 1	2.86	3.900	*+	ug/L		137	69 - 130	2	30
Aramite Peak 2	2.86	3.417		ug/L		120	65 - 130	0	30
Diallate Peak 1	4.23	4.478		ug/L		106	69 - 130	9	30
Diallate Peak 2	1.49	1.740		ug/L		117	67 - 130	4	30
Ethyl methanesulfonate	5.71	4.948		ug/L		87	54 - 130	8	30
Hexachloropropene	5.71	4.145		ug/L		73	37 - 130	1	30
Isosafrole Peak 1	0.914	0.9670		ug/L		106	54 - 130	3	30
Isosafrole Peak 2	4.80	5.074		ug/L		106	62 - 130	4	30
Methyl methanesulfonate	5.71	2.648		ug/L		46	30 - 130	5	30
N-Nitrosodiethylamine	5.71	6.676		ug/L		117	54 - 130	9	30
N-Nitrosodimethylamine	5.71	1.722		ug/L		30	28 - 126	10	30
N-Nitrosodi-n-butylamine	5.71	6.978		ug/L		122	58 - 130	2	30
N-Nitrosomethylethylamine	5.71	4.418		ug/L		77	45 - 130	11	30
N-Nitrosomorpholine	5.71	3.204		ug/L		56	37 - 130	10	30
N-Nitrosopyrrolidine	5.71	3.479		ug/L		61	47 - 130	14	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-204625/3-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 204625

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
p-Dimethylamino azobenzene			5.71	6.456		ug/L		113	61 - 130	4	30
Pentachloronitrobenzene			5.71	6.412		ug/L		112	56 - 130	1	30
Phenacetin			5.71	6.542		ug/L		114	70 - 130	5	30
p-Phenylene diamine			5.71	<0.500	U *-	ug/L		0	3 - 120	NC	30
Pronamide			5.71	7.070		ug/L		124	70 - 130	6	30
Safrole, Total			5.71	5.856		ug/L		102	70 - 130	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*103*		*35 - 130*
2-Fluorobiphenyl	*105*		*43 - 130*
2-Fluorophenol (Surr)	*74*		*19 - 120*
Nitrobenzene-d5 (Surr)	*124*		*37 - 133*
Phenol-d5 (Surr)	*48*		*8 - 124*
p-Terphenyl-d14	*138*	*S1+*	*47 - 130*

Lab Sample ID: LCSD 860-204625/5-A
Matrix: Water
Analysis Batch: 205425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 204625

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethoate			2.86	4.865	*+	ug/L		170	45 - 138	12	30
Dinoseb			5.71	4.857		ug/L		85	49 - 130	10	30
Disulfoton			5.71	5.569		ug/L		97	38 - 134	7	30
Ethyl Parathion			2.86	4.643		ug/L		163	25 - 173	6	30
Famphur			2.86	2.668		ug/L		93	43 - 142	6	30
Methapyrilene			5.71	5.664		ug/L		99	70 - 183	4	30
Methyl parathion			5.71	4.791		ug/L		84	26 - 159	7	30
o,o',o''-Triethylphosphorothioate			2.86	2.688		ug/L		94	43 - 130	8	30
Phorate			5.71	5.273		ug/L		92	37 - 140	10	30
Sulfotepp			2.86	5.361	*+	ug/L		188	28 - 158	16	30
Thionazin			2.86	2.965		ug/L		104	50 - 150	14	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*90*		*35 - 130*
2-Fluorobiphenyl	*90*		*43 - 130*
2-Fluorophenol (Surr)	*59*		*19 - 120*
Nitrobenzene-d5 (Surr)	*102*		*37 - 133*
Phenol-d5 (Surr)	*37*		*8 - 124*
p-Terphenyl-d14	*100*		*47 - 130*

QC Association Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

GC/MS VOA

Analysis Batch: 200039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86945-1	TB-05 (111124)	Total/NA	Water	8260D	
860-86945-2	MW-1	Total/NA	Water	8260D	
860-86945-3	MW-3	Total/NA	Water	8260D	
860-86945-4	MW-2	Total/NA	Water	8260D	
860-86945-5	MW-10	Total/NA	Water	8260D	
860-86945-6	RB-01	Total/NA	Water	8260D	
860-86945-7	MW-4	Total/NA	Water	8260D	
860-86945-8	MW-11	Total/NA	Water	8260D	
860-86945-9	MW-5	Total/NA	Water	8260D	
MB 860-200039/7	Method Blank	Total/NA	Water	8260D	
LCS 860-200039/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-200039/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 200483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86945-1	TB-05 (111124)	Total/NA	Water	8260D	
860-86945-2 - RA	MW-1	Total/NA	Water	8260D	
860-86945-3 - RA	MW-3	Total/NA	Water	8260D	
860-86945-4 - RA	MW-2	Total/NA	Water	8260D	
MB 860-200483/18	Method Blank	Total/NA	Water	8260D	
LCS 860-200483/1011	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-200483/12	Lab Control Sample Dup	Total/NA	Water	8260D	
860-86937-A-6 MS	Matrix Spike	Total/NA	Water	8260D	
860-86937-A-6 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 200579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86945-5 - RA	MW-10	Total/NA	Water	8260D	
860-86945-6 - RA	RB-01	Total/NA	Water	8260D	
860-86945-7 - RA	MW-4	Total/NA	Water	8260D	
860-86945-8 - RA	MW-11	Total/NA	Water	8260D	
860-86945-9 - RA	MW-5	Total/NA	Water	8260D	
MB 860-200579/9	Method Blank	Total/NA	Water	8260D	
LCS 860-200579/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-200579/4	Lab Control Sample Dup	Total/NA	Water	8260D	
820-16177-D-8 MS	Matrix Spike	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 199899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86945-2	MW-1	Total/NA	Water	3511	
860-86945-3	MW-3	Total/NA	Water	3511	
860-86945-4	MW-2	Total/NA	Water	3511	
860-86945-5	MW-10	Total/NA	Water	3511	
860-86945-6	RB-01	Total/NA	Water	3511	
860-86945-7	MW-4	Total/NA	Water	3511	
860-86945-7 - DL	MW-4	Total/NA	Water	3511	
860-86945-8	MW-11	Total/NA	Water	3511	
860-86945-9	MW-5	Total/NA	Water	3511	
860-86945-9 - DL	MW-5	Total/NA	Water	3511	

GC/MS Semi VOA (Continued)

Prep Batch: 199899 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-199899/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-199899/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-199899/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-199899/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-199899/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 200175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-199899/1-A	Method Blank	Total/NA	Water	8270E	199899
LCS 860-199899/2-A	Lab Control Sample	Total/NA	Water	8270E	199899
LCS 860-199899/4-A	Lab Control Sample	Total/NA	Water	8270E	199899
LCSD 860-199899/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	199899
LCSD 860-199899/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	199899

Analysis Batch: 202594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86945-9	MW-5	Total/NA	Water	8270E	199899

Analysis Batch: 204609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86945-7 - DL	MW-4	Total/NA	Water	8270E	199899
860-86945-9 - DL	MW-5	Total/NA	Water	8270E	199899

Prep Batch: 204625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86945-2 - RE	MW-1	Total/NA	Water	3511	
860-86945-3 - RE	MW-3	Total/NA	Water	3511	
860-86945-4 - RE	MW-2	Total/NA	Water	3511	
860-86945-5 - RE	MW-10	Total/NA	Water	3511	
860-86945-6 - RE	RB-01	Total/NA	Water	3511	
860-86945-7 - RE	MW-4	Total/NA	Water	3511	
860-86945-7 - REDL	MW-4	Total/NA	Water	3511	
860-86945-8 - RE	MW-11	Total/NA	Water	3511	
860-86945-9 - RE	MW-5	Total/NA	Water	3511	
860-86945-9 - REDL	MW-5	Total/NA	Water	3511	
MB 860-204625/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-204625/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-204625/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-204625/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-204625/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 205425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-204625/1-A	Method Blank	Total/NA	Water	8270E	204625
LCS 860-204625/2-A	Lab Control Sample	Total/NA	Water	8270E	204625
LCS 860-204625/4-A	Lab Control Sample	Total/NA	Water	8270E	204625
LCSD 860-204625/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	204625
LCSD 860-204625/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	204625

QC Association Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

GC/MS Semi VOA

Analysis Batch: 206439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86945-2	MW-1	Total/NA	Water	8270E	199899
860-86945-3	MW-3	Total/NA	Water	8270E	199899

Analysis Batch: 206764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86945-2 - RE	MW-1	Total/NA	Water	8270E	204625
860-86945-3 - RE	MW-3	Total/NA	Water	8270E	204625
860-86945-4	MW-2	Total/NA	Water	8270E	199899
860-86945-4 - RE	MW-2	Total/NA	Water	8270E	204625
860-86945-5	MW-10	Total/NA	Water	8270E	199899
860-86945-6	RB-01	Total/NA	Water	8270E	199899
860-86945-7	MW-4	Total/NA	Water	8270E	199899
860-86945-8	MW-11	Total/NA	Water	8270E	199899
860-86945-9	MW-5	Total/NA	Water	8270E	199899

Analysis Batch: 207127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86945-5 - RE	MW-10	Total/NA	Water	8270E	204625
860-86945-6 - RE	RB-01	Total/NA	Water	8270E	204625
860-86945-7 - RE	MW-4	Total/NA	Water	8270E	204625
860-86945-8 - RE	MW-11	Total/NA	Water	8270E	204625
860-86945-9 - RE	MW-5	Total/NA	Water	8270E	204625

Analysis Batch: 207538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-86945-7 - DL	MW-4	Total/NA	Water	8270E	199899
860-86945-7 - REDL	MW-4	Total/NA	Water	8270E	204625
860-86945-9 - REDL	MW-5	Total/NA	Water	8270E	204625

Lab Chronicle

Client: Ashland LLC
Job ID: 860-86945-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: TB-05 (111124)
Lab Sample ID: 860-86945-1
Date Collected: 11/11/24 00:00
Matrix: Water
Date Received: 11/13/24 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200483	11/18/24 23:02	NA	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	200039	11/15/24 19:16	A1S	EET HOU

Client Sample ID: MW-1
Lab Sample ID: 860-86945-2
Date Collected: 11/11/24 11:17
Matrix: Water
Date Received: 11/13/24 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	200483	11/19/24 02:17	NA	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	200039	11/15/24 21:11	A1S	EET HOU
Total/NA	Prep	3511			69.5 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	206439	12/19/24 16:37	LPL	EET HOU
Total/NA	Prep	3511	RE		70.5 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	206764	12/20/24 16:48	EM	EET HOU

Client Sample ID: MW-3
Lab Sample ID: 860-86945-3
Date Collected: 11/11/24 14:03
Matrix: Water
Date Received: 11/13/24 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	200483	11/19/24 02:36	NA	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	200039	11/15/24 21:34	A1S	EET HOU
Total/NA	Prep	3511			69.5 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	206439	12/19/24 17:07	LPL	EET HOU
Total/NA	Prep	3511	RE		70.4 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	206764	12/20/24 17:18	EM	EET HOU

Client Sample ID: MW-2
Lab Sample ID: 860-86945-4
Date Collected: 11/11/24 15:00
Matrix: Water
Date Received: 11/13/24 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	200483	11/19/24 02:56	NA	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	200039	11/15/24 21:57	A1S	EET HOU
Total/NA	Prep	3511			69.7 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	206764	12/20/24 13:49	EM	EET HOU
Total/NA	Prep	3511	RE		69.8 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	206764	12/20/24 17:48	EM	EET HOU

Client Sample ID: MW-10
Lab Sample ID: 860-86945-5
Date Collected: 11/12/24 13:07
Matrix: Water
Date Received: 11/13/24 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	200579	11/19/24 17:21	NA	EET HOU

Client Sample ID: MW-10
Date Collected: 11/12/24 13:07
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200039	11/15/24 22:20	A1S	EET HOU
Total/NA	Prep	3511			69.8 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	206764	12/20/24 14:19	EM	EET HOU
Total/NA	Prep	3511	RE		70 mL	4 mL	204625	12/11/24 04:54	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	207127	12/22/24 03:45	T1S	EET HOU

Client Sample ID: RB-01
Date Collected: 11/12/24 13:20
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	200579	11/19/24 17:40	NA	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	200039	11/15/24 20:25	A1S	EET HOU
Total/NA	Prep	3511			70.1 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	206764	12/20/24 14:49	EM	EET HOU
Total/NA	Prep	3511	RE		69.8 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	207127	12/22/24 04:15	T1S	EET HOU

Client Sample ID: MW-4
Date Collected: 11/12/24 13:54
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	200579	11/19/24 18:00	NA	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	200039	11/15/24 22:43	A1S	EET HOU
Total/NA	Prep	3511			69.8 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	206764	12/20/24 15:19	EM	EET HOU
Total/NA	Prep	3511	RE		70.3 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	207127	12/22/24 04:45	T1S	EET HOU
Total/NA	Prep	3511	DL		69.8 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E	DL	20	1 mL	1 mL	204609	12/11/24 06:23	LPL	EET HOU
Total/NA	Prep	3511	DL		69.8 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E	DL	10	1 mL	1 mL	207538	12/25/24 10:20	PXS	EET HOU
Total/NA	Prep	3511	REDL		70.3 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	REDL	10	1 mL	1 mL	207538	12/25/24 10:50	PXS	EET HOU

Client Sample ID: MW-11
Date Collected: 11/12/24 14:54
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	200579	11/19/24 18:19	NA	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	200039	11/15/24 23:06	A1S	EET HOU
Total/NA	Prep	3511			70.1 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	206764	12/20/24 15:49	EM	EET HOU

Lab Chronicle

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Client Sample ID: MW-11

Date Collected: 11/12/24 14:54
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511	RE		70.1 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	207127	12/22/24 05:15	T1S	EET HOU

Client Sample ID: MW-5

Date Collected: 11/12/24 15:21
Date Received: 11/13/24 09:46

Lab Sample ID: 860-86945-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	200579	11/19/24 18:39	NA	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	200039	11/15/24 23:29	A1S	EET HOU
Total/NA	Prep	3511			70.3 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	202594	11/28/24 17:22	PXS	EET HOU
Total/NA	Prep	3511			70.3 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	206764	12/20/24 16:19	EM	EET HOU
Total/NA	Prep	3511	RE		70.3 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	207127	12/22/24 05:45	T1S	EET HOU
Total/NA	Prep	3511	DL		70.3 mL	4 mL	199899	11/15/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E	DL	50	1 mL	1 mL	204609	12/11/24 06:52	LPL	EET HOU
Total/NA	Prep	3511	REDL		70.3 mL	4 mL	204625	12/11/24 04:48	DR	EET HOU
Total/NA	Analysis	8270E	REDL	100	1 mL	1 mL	207538	12/25/24 11:19	PXS	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Ashland LLC
Job ID: 860-86945-1
Project/Site: Hercules Hattiesburg, MS

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	12-20-25
Oklahoma	NELAP	1306	12-31-24
Texas	NELAP	T104704215	06-30-25
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-86945-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-86945-1	TB-05 (111124)	Water	11/11/24 00:00	11/13/24 09:46
860-86945-2	MW-1	Water	11/11/24 11:17	11/13/24 09:46
860-86945-3	MW-3	Water	11/11/24 14:03	11/13/24 09:46
860-86945-4	MW-2	Water	11/11/24 15:00	11/13/24 09:46
860-86945-5	MW-10	Water	11/12/24 13:07	11/13/24 09:46
860-86945-6	RB-01	Water	11/12/24 13:20	11/13/24 09:46
860-86945-7	MW-4	Water	11/12/24 13:54	11/13/24 09:46
860-86945-8	MW-11	Water	11/12/24 14:54	11/13/24 09:46
860-86945-9	MW-5	Water	11/12/24 15:21	11/13/24 09:46

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

RUAO Wells

eurofins | Environment Testing

12/26/2024

Client Information	Sampler: Kipper Montgomery	Lab PM: Kudchadkar Sachin G	Carrier Tracking No(s):	COC No: 860-33465-10045.1
Client Contact: Mr Antonio Cardoso	Phone: 225-205-8246	E-Mail: Sachin.Kudchadkar@et.eurofinsus.com	State of Origin:	Page: Page
Company: Arcadis US Inc.	PWSID:	Analysis Requested		Job #:
Address: 4300 West Cypress Street Suite 450	Due Date Requested:			Preservation Codes: N None
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33607	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 1095575			
Email: antonio.cardoso@arcadis.com	WO #:			
Project Name: Hercules Hattiesburg, MS	Project #: 86006085			Other
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ (MOD) Appendix 9 SVOCs	8260D (MOD) Appendix 9 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
TB-05(111124)	11/10/24	—	G	Water	N	N	—	X	2	
MW-1	"	1117	G	Water	N	N	X	X	7	
MW-3	"	1403	G	Water	N	N	X	X	7	
MW-2	"	1500	G	Water	N	N	X	X	7	
MW-10	11/12/24	1307	G	Water	N	N	X	X	7	
RB-01	"	1320	"	Water	N	N	X	X	7	
MW-4	"	1354	"	Water	N	N	X	X	7	
MW-11	"	1454	"	Water	N	N	X	X	7	
MW-5	"	1521	"	Water	N	N	X	X	7	
				Water						
				Water						

860-86945 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kimberly Hom	11-12-24 / 1600	Arcadis			
Relinquished by:	Date/Time:	Company	Received by: Nicamor	Date/Time: 11/13/24 946	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 2.9 2.8 Hou 368

Ver: 05/06/2024

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

RUAO Wells

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12/26/2024

Client Information	Sampler: Kipper Montgomery	Lab PM: Kudchadkar Sachin G	Carrier Tracking No(s):	COC No: 860-33465-10045.1
Client Contact: Mr Antonio Cardoso	Phone: 225-205-8246	E-Mail: Sachin.Kudchadkar@et.eurofinsus.com	State of Origin:	Page: Page
Company: Arcadis US Inc.	PWSID:			Job #:
Address: 4300 West Cypress Street Suite 450	Due Date Requested:			
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33607	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 1095575			
Email: antonio.cardoso@arcadis.com	WO #:			
Project Name: Hercules Hattiesburg, MS	Project #: 86006085			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ (MOD) Appendix 9 SVOCs	8260D (MOD) Appendix 9 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N		
TB-05(111124)	11/10/24	—	G	Water	N	N	—	X	2	
MW-1	"	1117	G	Water	N	N	X	X	7	
MW-3	"	1403	G	Water	N	N	X	X	7	
MW-2	"	1500	G	Water	N	N	X	X	7	
MW-10	11/12/24	1307	G	Water	N	N	X	X	7	
RB-01	"	1320	"	Water	N	N	X	X	7	
MW-4	"	1354	"	Water	N	N	X	X	7	
MW-11	"	1454	"	Water	N	N	X	X	7	
MW-5	"	1521	"	Water	N	N	X	X	7	
				Water						
				Water						

860-86945 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kipper Montgomery	11-12-24 / 1600	Arcadis			
Relinquished by:	Date/Time:	Company	Received by: Nicamor	Date/Time: 11/13/24 946	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 2.9 2.8 Hou 368

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: Ashland LLC

Job Number: 860-86945-1

Login Number: 86945
List Number: 1
Creator: Jimenez, Nicanor

List Source: Eurofins Houston

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Timothy Hassett
Ashland LLC
Ashland Hercules Research Center
500 Hercules Rd Bldg 8145
Wilmington, Delaware 19808

Generated 12/16/2024 6:07:54 PM

JOB DESCRIPTION

Hercules Hattiesburg, MS

JOB NUMBER

860-87121-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
12/16/2024 6:07:54 PM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Definitions/Glossary

Client: Ashland LLC
Job ID: 860-87121-1
Project/Site: Hercules Hattiesburg, MS

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
E	Result exceeded calibration range.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
860-87121-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/15/2024 9:56 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.7°C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 860-200630 recovered outside control limits for the following analytes: Iodomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-16 (860-87121-2) and MW-15 (860-87121-4). Elevated reporting limits (RLs) are provided.

Method 8260D: The matrix spike (MS) recoveries for analytical batch 860-200848 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200999 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-200999/2).

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-201887 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-201887/3).

Method 8270E_QQQ: The surrogate recovery for the method blank, laboratory control sample and laboratory control sample duplicate associated with preparation batch 860-200832 and analytical batch 860-200999 was outside the upper control limits.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The following samples required a dilution due to the nature of the sample matrix: MW-16 (860-87121-2), MW-14 (860-87121-3) and MW-15 (860-87121-4). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Job ID: 860-87121-1 (Continued) Eurofins Houston

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-16 (860-87121-2), MW-14 (860-87121-3) and MW-15 (860-87121-4). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200203 recovered above the upper control limit for Dimethoate, Dinoseb, Methapyrilene and Methyl parathion. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-200203/3).

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-200196 and analytical batch 860-200203 recovered outside control limits for multiple analytes. The associated sample(s) was re-prepared and re-analyzed. Both sets of data have reported.

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-200832 and analytical batch 860-200999 recovered outside control limits for multiple analytes. The associated sample(s) was re-prepared and re-analyzed. Both sets of data have reported.

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-200832 and analytical batch 860-201887 recovered outside control limits for multiple analytes. The associated sample(s) was re-prepared and/or re-analyzed. Both sets of data have reported.

Method 8270E_QQQ: The following samples were diluted due to the nature of the sample matrix: MW-16 (860-87121-2), MW-14 (860-87121-3) and MW-15 (860-87121-4). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: Surrogate recovery for the following samples were outside control limits: MW-12 (860-87121-5) and MW-7 (860-87121-6). Re-extraction and re-analysis was performed.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200203 recovered above the upper control limit for alpha,alpha-Dimethyl phenethylamine, 2,4,6-Tribromophenol (Surr), Pronamide, 4,6-Dinitro-2-methylphenol, 1,3,5-Trinitrobenzene, 4-Chlorophenyl phenyl ether and Pentachloronitrobenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-200203/2).

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-205458 recovered above the upper control limit for p-Terphenyl-d14, Di-n-octyl phthalate, Benzo[b]fluoranthene, Benzo[a]anthracene, Phenanthrene and Anthracene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-205458/2).

Method 8270E_QQQ: Surrogate recovery for the following samples were outside control limits: MW-12 (860-87121-5) and MW-7 (860-87121-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87121-1

Client Sample ID: TB-08 (111324) — Lab Sample ID: 860-87121-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	1.94	J	5.00	1.73	ug/L	1		8260D	Total/NA

Client Sample ID: MW-16 — Lab Sample ID: 860-87121-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	32.7	J	100	3.07	ug/L	1		8260D	Total/NA
Cyclohexane	3.26	J	5.00	1.29	ug/L	1		8260D	Total/NA
Tetrahydrofuran	10.3		10.0	1.83	ug/L	1		8260D	Total/NA
2,6-Dinitrotoluene	0.205	J I	0.567	0.115	ug/L	1		8270E	Total/NA
Acenaphthene	0.252	J	0.567	0.107	ug/L	1		8270E	Total/NA
Diethyl phthalate	0.250	J	1.13	0.154	ug/L	1		8270E	Total/NA
Fluorene	0.108	J	0.567	0.0941	ug/L	1		8270E	Total/NA
Isophorone	0.308	J I	0.567	0.106	ug/L	1		8270E	Total/NA
Diphenyl ether	4.10		0.567	0.0903	ug/L	1		8270E	Total/NA
1,4-Dioxane - DL	590		56.7	8.84	ug/L	100		8270E	Total/NA
Bis(2-chloroethoxy)methane - DL	252	I	56.7	9.67	ug/L	100		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - DL	2080	*+	56.7	13.7	ug/L	100		8270E	Total/NA
1,4-Dioxane - RE	440		57.0	8.87	ug/L	100		8270E	Total/NA
Bis(2-chloroethoxy)methane - RE	159	I	57.0	9.72	ug/L	100		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - RE	1250	*+	57.0	13.8	ug/L	100		8270E	Total/NA

Client Sample ID: MW-14 — Lab Sample ID: 860-87121-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	35.6	J	100	3.07	ug/L	1		8260D	Total/NA
2,4-Dimethylphenol	0.301	J *+ I	0.563	0.189	ug/L	1		8270E	Total/NA
2,6-Dinitrotoluene	0.656	I	0.563	0.115	ug/L	1		8270E	Total/NA
Acenaphthene	0.245	J	0.563	0.106	ug/L	1		8270E	Total/NA
Bis(2-chloroethoxy)methane	11.6	I	0.563	0.0961	ug/L	1		8270E	Total/NA
1,1'-Biphenyl	0.342	J	0.563	0.0967	ug/L	1		8270E	Total/NA
1,4-Dioxane - DL	355		28.2	4.39	ug/L	50		8270E	Total/NA
Diphenyl ether - DL	122		28.2	4.48	ug/L	50		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - DL	162	*+	28.2	6.82	ug/L	50		8270E	Total/NA
1,4-Dioxane - RE	251		28.6	4.45	ug/L	50		8270E	Total/NA
Diphenyl ether - RE	47.4		28.6	4.55	ug/L	50		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - RE	62.7	*+	28.6	6.91	ug/L	50		8270E	Total/NA

Client Sample ID: MW-15 — Lab Sample ID: 860-87121-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,6-Dinitrotoluene	0.488	J I	0.566	0.115	ug/L	1		8270E	Total/NA
Acenaphthene	0.108	J I	0.566	0.106	ug/L	1		8270E	Total/NA
Diphenyl ether	2.11		0.566	0.0901	ug/L	1		8270E	Total/NA
1,4-Dioxane - DL	1120		56.6	8.81	ug/L	100		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - DL	65.1	*+	56.6	13.7	ug/L	100		8270E	Total/NA
1,4-Dioxane - RE	788		56.4	8.79	ug/L	100		8270E	Total/NA
Diphenyl ether - RE	23.9	J	56.4	8.98	ug/L	100		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - RE	27.2	J *+	56.4	13.7	ug/L	100		8270E	Total/NA

Client Sample ID: MW-12 — Lab Sample ID: 860-87121-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	18.4	J	100	3.07	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample ID: MW-12 (Continued)

Lab Sample ID: 860-87121-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diphenyl ether	0.0928	J I	0.570	0.0907	ug/L	1		8270E	Total/NA
1,4-Dioxane - RE	0.129	J I	0.569	0.0886	ug/L	1		8270E	Total/NA
Diphenyl ether - RE	0.140	J	0.569	0.0906	ug/L	1		8270E	Total/NA
Diallate Peak 1 - RE	0.126	J *+	0.569	0.0831	ug/L	1		8270E	Total/NA

Client Sample ID: MW-7

Lab Sample ID: 860-87121-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	16.3	J	100	3.07	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.645		0.567	0.0884	ug/L	1		8270E	Total/NA
Diphenyl ether	16.0		0.567	0.0903	ug/L	1		8270E	Total/NA
1,4-Dioxane - RE	1.02		0.563	0.0877	ug/L	1		8270E	Total/NA
Anthracene - RE	0.102	J	0.563	0.0925	ug/L	1		8270E	Total/NA
Diallate Peak 1 - RE	0.122	J I *+	0.563	0.0823	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87121-1

Client Sample ID: TB-08 (111324)

Date Collected: 11/13/24 00:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-1

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/19/24 14:04	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/19/24 14:04	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/19/24 14:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/19/24 14:04	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/19/24 14:04	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/19/24 14:04	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/19/24 14:04	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/19/24 14:04	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/19/24 14:04	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/19/24 14:04	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/19/24 14:04	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/19/24 14:04	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/19/24 14:04	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/19/24 14:04	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/19/24 14:04	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/19/24 14:04	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/19/24 14:04	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/19/24 14:04	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/19/24 14:04	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/19/24 14:04	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/19/24 14:04	1
Acetone	<3.07	U	100	3.07	ug/L			11/19/24 14:04	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/19/24 14:04	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/19/24 14:04	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/19/24 14:04	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/19/24 14:04	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/19/24 14:04	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/19/24 14:04	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/19/24 14:04	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/19/24 14:04	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/19/24 14:04	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/19/24 14:04	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/19/24 14:04	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/19/24 14:04	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/19/24 14:04	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/19/24 14:04	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/19/24 14:04	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/19/24 14:04	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/19/24 14:04	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/19/24 14:04	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/19/24 14:04	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/19/24 14:04	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/19/24 14:04	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/19/24 14:04	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/19/24 14:04	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/19/24 14:04	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/19/24 14:04	1
Iodomethane	<5.00	U *+	20.0	5.00	ug/L			11/19/24 14:04	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/19/24 14:04	1

Client Sample ID: TB-08 (111324)

Date Collected: 11/13/24 00:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/19/24 14:04	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/19/24 14:04	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/19/24 14:04	1
Methylene Chloride	**1.94**	**J**	5.00	1.73	ug/L			11/19/24 14:04	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/19/24 14:04	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/19/24 14:04	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/19/24 14:04	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/19/24 14:04	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/19/24 14:04	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/19/24 14:04	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/19/24 14:04	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/19/24 14:04	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/19/24 14:04	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/19/24 14:04	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/19/24 14:04	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/19/24 14:04	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/19/24 14:04	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/19/24 14:04	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/19/24 14:04	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/19/24 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*11/19/24 14:04*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*11/19/24 14:04*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*11/19/24 14:04*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/19/24 14:04*	*1*

Client Sample ID: MW-16

Date Collected: 11/13/24 08:55
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/20/24 17:07	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/20/24 17:07	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/20/24 17:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/20/24 17:07	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/20/24 17:07	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/20/24 17:07	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/20/24 17:07	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/20/24 17:07	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/20/24 17:07	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/20/24 17:07	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/20/24 17:07	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/20/24 17:07	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/20/24 17:07	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/20/24 17:07	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/20/24 17:07	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/20/24 17:07	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/20/24 17:07	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87121-1

Client Sample ID: MW-16
Date Collected: 11/13/24 08:55
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/20/24 17:07	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/20/24 17:07	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/20/24 17:07	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/20/24 17:07	1
Acetone	**32.7**	**J**	100	3.07	ug/L			11/20/24 17:07	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/20/24 17:07	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/20/24 17:07	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/20/24 17:07	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/20/24 17:07	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/20/24 17:07	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/20/24 17:07	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/20/24 17:07	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/20/24 17:07	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/20/24 17:07	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/20/24 17:07	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/20/24 17:07	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/20/24 17:07	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/20/24 17:07	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/20/24 17:07	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/20/24 17:07	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/20/24 17:07	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/20/24 17:07	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/20/24 17:07	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/20/24 17:07	1
Cyclohexane	**3.26**	**J**	5.00	1.29	ug/L			11/20/24 17:07	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/20/24 17:07	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/20/24 17:07	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/20/24 17:07	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/20/24 17:07	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/20/24 17:07	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/20/24 17:07	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/20/24 17:07	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/20/24 17:07	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/20/24 17:07	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/20/24 17:07	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/20/24 17:07	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/20/24 17:07	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/20/24 17:07	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/20/24 17:07	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/20/24 17:07	1
Tetrahydrofuran	**10.3**		10.0	1.83	ug/L			11/20/24 17:07	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/20/24 17:07	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/20/24 17:07	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/20/24 17:07	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/20/24 17:07	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/20/24 17:07	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/20/24 17:07	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/20/24 17:07	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/20/24 17:07	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87121-1

Client Sample ID: MW-16

Date Collected: 11/13/24 08:55
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-2

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/20/24 17:07	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/20/24 17:07	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/20/24 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*11/20/24 17:07*	*1*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*11/20/24 17:07*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 131*		*11/20/24 17:07*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/20/24 17:07*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0761	U	0.567	0.0761	ug/L		11/16/24 05:06	11/17/24 16:52	1
1,2-Dichlorobenzene	<0.0934	U	0.567	0.0934	ug/L		11/16/24 05:06	11/17/24 16:52	1
1,3-Dichlorobenzene	<0.101	U	0.567	0.101	ug/L		11/16/24 05:06	11/17/24 16:52	1
1,4-Dichlorobenzene	<0.0774	U	0.567	0.0774	ug/L		11/16/24 05:06	11/17/24 16:52	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.84	1.42	ug/L		11/16/24 05:06	11/17/24 16:52	1
2,4,5-Trichlorophenol	<0.142	U	0.567	0.142	ug/L		11/16/24 05:06	11/17/24 16:52	1
2,4,6-Trichlorophenol	<0.229	U	0.567	0.229	ug/L		11/16/24 05:06	11/17/24 16:52	1
2,4-Dichlorophenol	<0.139	U	0.567	0.139	ug/L		11/16/24 05:06	11/17/24 16:52	1
2,4-Dimethylphenol	<0.191	U *+	0.567	0.191	ug/L		11/16/24 05:06	11/17/24 16:52	1
2,4-Dinitrophenol	<0.103	U	2.84	0.103	ug/L		11/16/24 05:06	11/17/24 16:52	1
2,4-Dinitrotoluene	<0.203	U	0.567	0.203	ug/L		11/16/24 05:06	11/17/24 16:52	1
2,6-Dinitrotoluene	**0.205**	**J I**	0.567	0.115	ug/L		11/16/24 05:06	11/17/24 16:52	1
2-Chloronaphthalene	<0.376	U	0.567	0.376	ug/L		11/16/24 05:06	11/17/24 16:52	1
2-Methylnaphthalene	<0.0598	U	0.567	0.0598	ug/L		11/16/24 05:06	11/17/24 16:52	1
2-Methylphenol	<0.104	U	0.567	0.104	ug/L		11/16/24 05:06	11/17/24 16:52	1
2-Nitroaniline	<0.148	U	0.567	0.148	ug/L		11/16/24 05:06	11/17/24 16:52	1
2-Nitrophenol	<0.135	U	0.567	0.135	ug/L		11/16/24 05:06	11/17/24 16:52	1
3 & 4 Methylphenol	<0.138	U	0.567	0.138	ug/L		11/16/24 05:06	11/17/24 16:52	1
3-Nitroaniline	<0.0846	U	0.567	0.0846	ug/L		11/16/24 05:06	11/17/24 16:52	1
4,6-Dinitro-2-methylphenol	<0.200	U	1.13	0.200	ug/L		11/16/24 05:06	11/17/24 16:52	1
4-Bromophenyl phenyl ether	<0.0996	U *+	0.567	0.0996	ug/L		11/16/24 05:06	11/17/24 16:52	1
4-Chloro-3-methylphenol	<0.103	U	0.567	0.103	ug/L		11/16/24 05:06	11/17/24 16:52	1
4-Chloroaniline	<0.0383	U	0.567	0.0383	ug/L		11/16/24 05:06	11/17/24 16:52	1
4-Chlorophenyl phenyl ether	<0.129	U	0.567	0.129	ug/L		11/16/24 05:06	11/17/24 16:52	1
4-Nitroaniline	<0.108	U	0.567	0.108	ug/L		11/16/24 05:06	11/17/24 16:52	1
Acenaphthene	**0.252**	**J**	0.567	0.107	ug/L		11/16/24 05:06	11/17/24 16:52	1
Acenaphthylene	<0.0989	U	0.567	0.0989	ug/L		11/16/24 05:06	11/17/24 16:52	1
Aniline	<0.0575	U	0.567	0.0575	ug/L		11/16/24 05:06	11/17/24 16:52	1
Anthracene	<0.0931	U	0.567	0.0931	ug/L		11/16/24 05:06	11/17/24 16:52	1
Benzo[a]anthracene	<0.0284	U *+	0.0284	0.0284	ug/L		11/16/24 05:06	11/17/24 16:52	1
Benzo[a]pyrene	<0.0298	U	0.0567	0.0298	ug/L		11/16/24 05:06	11/17/24 16:52	1
Benzo[b]fluoranthene	<0.0659	U	0.567	0.0659	ug/L		11/16/24 05:06	11/17/24 16:52	1
Benzo[g,h,i]perylene	<0.0343	U	0.567	0.0343	ug/L		11/16/24 05:06	11/17/24 16:52	1
Benzo[k]fluoranthene	<0.0469	U	0.567	0.0469	ug/L		11/16/24 05:06	11/17/24 16:52	1
Benzyl alcohol	<0.596	U *-	1.13	0.596	ug/L		11/16/24 05:06	11/17/24 16:52	1
Bis(2-chloroethyl)ether	<0.213	U *+	0.567	0.213	ug/L		11/16/24 05:06	11/17/24 16:52	1
Bis(2-ethylhexyl) phthalate	<0.894	U	1.13	0.894	ug/L		11/16/24 05:06	11/17/24 16:52	1
Butyl benzyl phthalate	<0.496	U	1.13	0.496	ug/L		11/16/24 05:06	11/17/24 16:52	1

Client Sample ID: MW-16
Date Collected: 11/13/24 08:55
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	<0.0810	U *+	0.567	0.0810	ug/L		11/16/24 05:06	11/17/24 16:52	1
Dibenz(a,h)anthracene	<0.0505	U	0.113	0.0505	ug/L		11/16/24 05:06	11/17/24 16:52	1
Dibenzofuran	<0.106	U	0.567	0.106	ug/L		11/16/24 05:06	11/17/24 16:52	1
Diethyl phthalate	**0.250**	**J**	1.13	0.154	ug/L		11/16/24 05:06	11/17/24 16:52	1
Dimethyl phthalate	<0.107	U	1.13	0.107	ug/L		11/16/24 05:06	11/17/24 16:52	1
Di-n-butyl phthalate	<0.760	U	1.13	0.760	ug/L		11/16/24 05:06	11/17/24 16:52	1
Di-n-octyl phthalate	<0.267	U	1.13	0.267	ug/L		11/16/24 05:06	11/17/24 16:52	1
Fluoranthene	<0.0877	U	0.567	0.0877	ug/L		11/16/24 05:06	11/17/24 16:52	1
Fluorene	**0.108**	**J**	0.567	0.0941	ug/L		11/16/24 05:06	11/17/24 16:52	1
Hexachlorobenzene	<0.0968	U	0.567	0.0968	ug/L		11/16/24 05:06	11/17/24 16:52	1
Hexachlorobutadiene	<0.102	U	0.567	0.102	ug/L		11/16/24 05:06	11/17/24 16:52	1
Hexachlorocyclopentadiene	<0.0508	U	0.567	0.0508	ug/L		11/16/24 05:06	11/17/24 16:52	1
Hexachloroethane	<0.101	U	0.567	0.101	ug/L		11/16/24 05:06	11/17/24 16:52	1
Indeno[1,2,3-cd]pyrene	<0.0993	U	0.567	0.0993	ug/L		11/16/24 05:06	11/17/24 16:52	1
Isophorone	**0.308**	**J I**	0.567	0.106	ug/L		11/16/24 05:06	11/17/24 16:52	1
Naphthalene	<0.0938	U	0.567	0.0938	ug/L		11/16/24 05:06	11/17/24 16:52	1
Nitrobenzene	<0.0731	U	0.567	0.0731	ug/L		11/16/24 05:06	11/17/24 16:52	1
N-Nitrosodi-n-propylamine	<0.118	U	0.567	0.118	ug/L		11/16/24 05:06	11/17/24 16:52	1
N-Nitrosodiphenylamine	<0.144	U *+	0.567	0.144	ug/L		11/16/24 05:06	11/17/24 16:52	1
Pentachlorophenol	<1.03	U	1.13	1.03	ug/L		11/16/24 05:06	11/17/24 16:52	1
Phenanthrene	<0.133	U *+	0.567	0.133	ug/L		11/16/24 05:06	11/17/24 16:52	1
Phenol	<1.13	U	1.13	1.13	ug/L		11/16/24 05:06	11/17/24 16:52	1
Pyrene	<0.0843	U	0.567	0.0843	ug/L		11/16/24 05:06	11/17/24 16:52	1
Pyridine	<1.43	U	2.84	1.43	ug/L		11/16/24 05:06	11/17/24 16:52	1
N-Nitro-o-toluidine	<0.516	U	1.13	0.516	ug/L		11/16/24 05:06	11/17/24 16:52	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.567	0.209	ug/L		11/16/24 05:06	11/17/24 16:52	1
Acetophenone	<0.619	U	1.13	0.619	ug/L		11/16/24 05:06	11/17/24 16:52	1
N-Nitrosopiperidine	<0.464	U	1.13	0.464	ug/L		11/16/24 05:06	11/17/24 16:52	1
Pentachlorobenzene	<0.264	U	0.567	0.264	ug/L		11/16/24 05:06	11/17/24 16:52	1
Diphenyl ether	**4.10**		0.567	0.0903	ug/L		11/16/24 05:06	11/17/24 16:52	1
1,1'-Biphenyl	<0.0974	U	0.567	0.0974	ug/L		11/16/24 05:06	11/17/24 16:52	1
4-Aminobiphenyl	<0.391	U	0.567	0.391	ug/L		11/16/24 05:06	11/17/24 16:52	1
1,2,4,5-Tetrachlorobenzene	<0.0951	U	0.567	0.0951	ug/L		11/16/24 05:06	11/17/24 16:52	1
1,3,5-Trinitrobenzene	<0.118	U	0.567	0.118	ug/L		11/16/24 05:06	11/17/24 16:52	1
1,3-Dinitrobenzene	<0.0767	U	0.567	0.0767	ug/L		11/16/24 05:06	11/17/24 16:52	1
1,4-Naphthoquinone	<0.312	U	0.567	0.312	ug/L		11/16/24 05:06	11/17/24 16:52	1
1-Naphthylamine	<0.148	U *-	0.567	0.148	ug/L		11/16/24 05:06	11/17/24 16:52	1
2,6-Dichlorophenol	<0.117	U	0.567	0.117	ug/L		11/16/24 05:06	11/17/24 16:52	1
2-Acetylaminofluorene	<1.26	U	2.84	1.26	ug/L		11/16/24 05:06	11/17/24 16:52	1
2-Chlorophenol	<0.0751	U	0.567	0.0751	ug/L		11/16/24 05:06	11/17/24 16:52	1
2-Naphthylamine	<0.286	U	0.567	0.286	ug/L		11/16/24 05:06	11/17/24 16:52	1
2-Picoline	<0.122	U	0.567	0.122	ug/L		11/16/24 05:06	11/17/24 16:52	1
2-Toluidine	<0.304	U	0.567	0.304	ug/L		11/16/24 05:06	11/17/24 16:52	1
3,3'-Dichlorobenzidine	<0.182	U	0.567	0.182	ug/L		11/16/24 05:06	11/17/24 16:52	1
3,3'-Dimethylbenzidine	<0.141	U	0.567	0.141	ug/L		11/16/24 05:06	11/17/24 16:52	1
3-Methylcholanthrene	<0.104	U	0.567	0.104	ug/L		11/16/24 05:06	11/17/24 16:52	1
4-Nitroquinoline-1-oxide	<0.725	U	1.13	0.725	ug/L		11/16/24 05:06	11/17/24 16:52	1
7,12-Dimethylbenz(a)anthracene	<0.239	U	0.567	0.239	ug/L		11/16/24 05:06	11/17/24 16:52	1
alpha,alpha-Dimethyl phenethylamine	<3.64	U *-	5.67	3.64	ug/L		11/16/24 05:06	11/17/24 16:52	1

Client Sample ID: MW-16
Date Collected: 11/13/24 08:55
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aramite Peak 1	<0.0780	U *+	0.567	0.0780	ug/L		11/16/24 05:06	11/17/24 16:52	1
Aramite Peak 2	<0.0947	U	0.567	0.0947	ug/L		11/16/24 05:06	11/17/24 16:52	1
Aramite, Total	<0.0947	U	0.567	0.0947	ug/L		11/16/24 05:06	11/17/24 16:52	1
Diallate	<0.0829	U	0.567	0.0829	ug/L		11/16/24 05:06	11/17/24 16:52	1
Diallate Peak 1	<0.0829	U *+	0.567	0.0829	ug/L		11/16/24 05:06	11/17/24 16:52	1
Diallate Peak 2	<0.0383	U	0.567	0.0383	ug/L		11/16/24 05:06	11/17/24 16:52	1
Dimethoate	<0.121	U *+	0.567	0.121	ug/L		11/16/24 05:06	11/17/24 16:52	1
Dinoseb	<0.566	U *+	2.84	0.566	ug/L		11/16/24 05:06	11/17/24 16:52	1
Disulfoton	<0.201	U *+	0.567	0.201	ug/L		11/16/24 05:06	11/17/24 16:52	1
Ethyl methanesulfonate	<0.225	U	0.567	0.225	ug/L		11/16/24 05:06	11/17/24 16:52	1
Ethyl Parathion	<0.0498	U *+	0.227	0.0498	ug/L		11/16/24 05:06	11/17/24 16:52	1
Famphur	<0.150	U *+	1.13	0.150	ug/L		11/16/24 05:06	11/17/24 16:52	1
Hexachloropropene	<0.298	U *-	0.567	0.298	ug/L		11/16/24 05:06	11/17/24 16:52	1
Isosafrole	<0.239	U	0.567	0.239	ug/L		11/16/24 05:06	11/17/24 16:52	1
Isosafrole Peak 1	<0.0460	U	0.567	0.0460	ug/L		11/16/24 05:06	11/17/24 16:52	1
Isosafrole Peak 2	<0.239	U	0.567	0.239	ug/L		11/16/24 05:06	11/17/24 16:52	1
Methapyrilene	<0.993	U *+	2.27	0.993	ug/L		11/16/24 05:06	11/17/24 16:52	1
Methyl methanesulfonate	<0.119	U	0.567	0.119	ug/L		11/16/24 05:06	11/17/24 16:52	1
Methyl parathion	<0.317	U *+	0.567	0.317	ug/L		11/16/24 05:06	11/17/24 16:52	1
N-Nitrosodiethylamine	<0.535	U	1.13	0.535	ug/L		11/16/24 05:06	11/17/24 16:52	1
N-Nitrosodimethylamine	<0.0993	U *-	0.567	0.0993	ug/L		11/16/24 05:06	11/17/24 16:52	1
N-Nitrosodi-n-butylamine	<0.512	U	1.13	0.512	ug/L		11/16/24 05:06	11/17/24 16:52	1
N-Nitrosomethylethylamine	<0.292	U	0.567	0.292	ug/L		11/16/24 05:06	11/17/24 16:52	1
N-Nitrosomorpholine	<0.219	U	0.567	0.219	ug/L		11/16/24 05:06	11/17/24 16:52	1
N-Nitrosopyrrolidine	<0.266	U *-	0.567	0.266	ug/L		11/16/24 05:06	11/17/24 16:52	1
p-Dimethylamino azobenzene	<0.0236	U	0.567	0.0236	ug/L		11/16/24 05:06	11/17/24 16:52	1
Pentachloronitrobenzene	<0.0993	U *+	0.567	0.0993	ug/L		11/16/24 05:06	11/17/24 16:52	1
Phenacetin	<0.0993	U	0.567	0.0993	ug/L		11/16/24 05:06	11/17/24 16:52	1
Phorate	<0.220	U *+	0.567	0.220	ug/L		11/16/24 05:06	11/17/24 16:52	1
p-Phenylene diamine	<0.496	U *-	1.13	0.496	ug/L		11/16/24 05:06	11/17/24 16:52	1
Pronamide	<0.0993	U *+	0.567	0.0993	ug/L		11/16/24 05:06	11/17/24 16:52	1
Safrole, Total	<0.0567	U	0.567	0.0567	ug/L		11/16/24 05:06	11/17/24 16:52	1
Sulfotepp	<0.146	U *+	0.567	0.146	ug/L		11/16/24 05:06	11/17/24 16:52	1
Thionazin	<0.207	U *+	1.13	0.207	ug/L		11/16/24 05:06	11/17/24 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*126*		*35 - 130*	*11/16/24 05:06*	*11/17/24 16:52*	*1*
2-Fluorobiphenyl	*81*		*43 - 130*	*11/16/24 05:06*	*11/17/24 16:52*	*1*
2-Fluorophenol (Surr)	*62*		*19 - 120*	*11/16/24 05:06*	*11/17/24 16:52*	*1*
Nitrobenzene-d5 (Surr)	*102*		*37 - 133*	*11/16/24 05:06*	*11/17/24 16:52*	*1*
Phenol-d5 (Surr)	*42*		*8 - 124*	*11/16/24 05:06*	*11/17/24 16:52*	*1*
p-Terphenyl-d14	*103*		*47 - 130*	*11/16/24 05:06*	*11/17/24 16:52*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**590**		56.7	8.84	ug/L		11/16/24 05:06	12/14/24 11:11	100
Bis(2-chloroethoxy)methane	**252**	**I**	56.7	9.67	ug/L		11/16/24 05:06	12/14/24 11:11	100
o,o',o''-Triethylphosphorothioate	**2080**	***+**	56.7	13.7	ug/L		11/16/24 05:06	12/14/24 11:11	100

Client Sample ID: MW-16

Date Collected: 11/13/24 08:55
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-2

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*333*	*I S1+*	*35 - 130*	*11/16/24 05:06*	*12/14/24 11:11*	*100*
2-Fluorobiphenyl	*136*	*S1+*	*43 - 130*	*11/16/24 05:06*	*12/14/24 11:11*	*100*
2-Fluorophenol (Surr)	*128*	*I S1+*	*19 - 120*	*11/16/24 05:06*	*12/14/24 11:11*	*100*
Nitrobenzene-d5 (Surr)	*211*	*S1+*	*37 - 133*	*11/16/24 05:06*	*12/14/24 11:11*	*100*
Phenol-d5 (Surr)	*100*		*8 - 124*	*11/16/24 05:06*	*12/14/24 11:11*	*100*
p-Terphenyl-d14	*218*	*S1+*	*47 - 130*	*11/16/24 05:06*	*12/14/24 11:11*	*100*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<7.64	U	57.0	7.64	ug/L		11/20/24 07:01	12/14/24 14:13	100
1,2-Dichlorobenzene	<9.38	U	57.0	9.38	ug/L		11/20/24 07:01	12/14/24 14:13	100
1,3-Dichlorobenzene	<10.1	U	57.0	10.1	ug/L		11/20/24 07:01	12/14/24 14:13	100
1,4-Dichlorobenzene	<7.77	U	57.0	7.77	ug/L		11/20/24 07:01	12/14/24 14:13	100
2,2'-oxybis[1-chloropropane]	<142	U	285	142	ug/L		11/20/24 07:01	12/14/24 14:13	100
2,4,5-Trichlorophenol	<14.3	U *+	57.0	14.3	ug/L		11/20/24 07:01	12/14/24 14:13	100
2,4,6-Trichlorophenol	<23.0	U *+	57.0	23.0	ug/L		11/20/24 07:01	12/14/24 14:13	100
2,4-Dichlorophenol	<14.0	U	57.0	14.0	ug/L		11/20/24 07:01	12/14/24 14:13	100
2,4-Dimethylphenol	<19.2	U *+	57.0	19.2	ug/L		11/20/24 07:01	12/14/24 14:13	100
1,4-Dioxane	**440**		57.0	8.87	ug/L		11/20/24 07:01	12/14/24 14:13	100
2,4-Dinitrophenol	<10.4	U	285	10.4	ug/L		11/20/24 07:01	12/14/24 14:13	100
2,4-Dinitrotoluene	<20.4	U *+	57.0	20.4	ug/L		11/20/24 07:01	12/14/24 14:13	100
2,6-Dinitrotoluene	<11.6	U	57.0	11.6	ug/L		11/20/24 07:01	12/14/24 14:13	100
2-Chloronaphthalene	<37.7	U	57.0	37.7	ug/L		11/20/24 07:01	12/14/24 14:13	100
2-Methylnaphthalene	<6.01	U	57.0	6.01	ug/L		11/20/24 07:01	12/14/24 14:13	100
2-Methylphenol	<10.4	U	57.0	10.4	ug/L		11/20/24 07:01	12/14/24 14:13	100
2-Nitroaniline	<14.9	U *+	57.0	14.9	ug/L		11/20/24 07:01	12/14/24 14:13	100
2-Nitrophenol	<13.6	U	57.0	13.6	ug/L		11/20/24 07:01	12/14/24 14:13	100
3 & 4 Methylphenol	<13.8	U	57.0	13.8	ug/L		11/20/24 07:01	12/14/24 14:13	100
3-Nitroaniline	<8.50	U	57.0	8.50	ug/L		11/20/24 07:01	12/14/24 14:13	100
4,6-Dinitro-2-methylphenol	<20.1	U	114	20.1	ug/L		11/20/24 07:01	12/14/24 14:13	100
4-Bromophenyl phenyl ether	<10.0	U *+	57.0	10.0	ug/L		11/20/24 07:01	12/14/24 14:13	100
4-Chloro-3-methylphenol	<10.3	U	57.0	10.3	ug/L		11/20/24 07:01	12/14/24 14:13	100
4-Chloroaniline	<3.84	U	57.0	3.84	ug/L		11/20/24 07:01	12/14/24 14:13	100
4-Chlorophenyl phenyl ether	<13.0	U	57.0	13.0	ug/L		11/20/24 07:01	12/14/24 14:13	100
4-Nitroaniline	<10.8	U	57.0	10.8	ug/L		11/20/24 07:01	12/14/24 14:13	100
Acenaphthene	<10.7	U	57.0	10.7	ug/L		11/20/24 07:01	12/14/24 14:13	100
Acenaphthylene	<9.94	U	57.0	9.94	ug/L		11/20/24 07:01	12/14/24 14:13	100
Aniline	<5.78	U	57.0	5.78	ug/L		11/20/24 07:01	12/14/24 14:13	100
Anthracene	<9.35	U	57.0	9.35	ug/L		11/20/24 07:01	12/14/24 14:13	100
Benzo[a]anthracene	<2.85	U *+	2.85	2.85	ug/L		11/20/24 07:01	12/14/24 14:13	100
Benzo[a]pyrene	<2.99	U	5.70	2.99	ug/L		11/20/24 07:01	12/14/24 14:13	100
Benzo[b]fluoranthene	<6.62	U *+	57.0	6.62	ug/L		11/20/24 07:01	12/14/24 14:13	100
Benzo[g,h,i]perylene	<3.44	U	57.0	3.44	ug/L		11/20/24 07:01	12/14/24 14:13	100
Benzo[k]fluoranthene	<4.71	U *+	57.0	4.71	ug/L		11/20/24 07:01	12/14/24 14:13	100
Benzyl alcohol	<59.8	U	114	59.8	ug/L		11/20/24 07:01	12/14/24 14:13	100
Bis(2-chloroethoxy)methane	**159**	**I**	57.0	9.72	ug/L		11/20/24 07:01	12/14/24 14:13	100
Bis(2-chloroethyl)ether	<21.4	U *+	57.0	21.4	ug/L		11/20/24 07:01	12/14/24 14:13	100
Bis(2-ethylhexyl) phthalate	<89.7	U *+	114	89.7	ug/L		11/20/24 07:01	12/14/24 14:13	100
Butyl benzyl phthalate	<49.9	U	114	49.9	ug/L		11/20/24 07:01	12/14/24 14:13	100
Chrysene	<8.13	U *+	57.0	8.13	ug/L		11/20/24 07:01	12/14/24 14:13	100

Client Sample ID: MW-16
Date Collected: 11/13/24 08:55
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	<5.07	U	11.4	5.07	ug/L		11/20/24 07:01	12/14/24 14:13	100
Dibenzofuran	<10.6	U *+	57.0	10.6	ug/L		11/20/24 07:01	12/14/24 14:13	100
Diethyl phthalate	<15.4	U *+	114	15.4	ug/L		11/20/24 07:01	12/14/24 14:13	100
Dimethyl phthalate	<10.8	U	114	10.8	ug/L		11/20/24 07:01	12/14/24 14:13	100
Di-n-butyl phthalate	<76.3	U *+	114	76.3	ug/L		11/20/24 07:01	12/14/24 14:13	100
Di-n-octyl phthalate	<26.8	U *+ *1	114	26.8	ug/L		11/20/24 07:01	12/14/24 14:13	100
Fluoranthene	<8.81	U *+	57.0	8.81	ug/L		11/20/24 07:01	12/14/24 14:13	100
Fluorene	<9.45	U	57.0	9.45	ug/L		11/20/24 07:01	12/14/24 14:13	100
Hexachlorobenzene	<9.72	U	57.0	9.72	ug/L		11/20/24 07:01	12/14/24 14:13	100
Hexachlorobutadiene	<10.2	U	57.0	10.2	ug/L		11/20/24 07:01	12/14/24 14:13	100
Hexachlorocyclopentadiene	<5.11	U	57.0	5.11	ug/L		11/20/24 07:01	12/14/24 14:13	100
Hexachloroethane	<10.2	U	57.0	10.2	ug/L		11/20/24 07:01	12/14/24 14:13	100
Indeno[1,2,3-cd]pyrene	<9.97	U	57.0	9.97	ug/L		11/20/24 07:01	12/14/24 14:13	100
Isophorone	<10.6	U	57.0	10.6	ug/L		11/20/24 07:01	12/14/24 14:13	100
Naphthalene	<9.42	U	57.0	9.42	ug/L		11/20/24 07:01	12/14/24 14:13	100
Nitrobenzene	<7.34	U	57.0	7.34	ug/L		11/20/24 07:01	12/14/24 14:13	100
N-Nitrosodi-n-propylamine	<11.8	U	57.0	11.8	ug/L		11/20/24 07:01	12/14/24 14:13	100
N-Nitrosodiphenylamine	<14.4	U *+	57.0	14.4	ug/L		11/20/24 07:01	12/14/24 14:13	100
Pentachlorophenol	<104	U	114	104	ug/L		11/20/24 07:01	12/14/24 14:13	100
Phenanthrene	<13.4	U	57.0	13.4	ug/L		11/20/24 07:01	12/14/24 14:13	100
Phenol	<114	U *1	114	114	ug/L		11/20/24 07:01	12/14/24 14:13	100
Pyrene	<8.46	U *+	57.0	8.46	ug/L		11/20/24 07:01	12/14/24 14:13	100
Pyridine	<143	U	285	143	ug/L		11/20/24 07:01	12/14/24 14:13	100
N-Nitro-o-toluidine	<51.9	U	114	51.9	ug/L		11/20/24 07:01	12/14/24 14:13	100
2,3,4,6-Tetrachlorophenol	<21.0	U *+	57.0	21.0	ug/L		11/20/24 07:01	12/14/24 14:13	100
Acetophenone	<62.2	U *+	114	62.2	ug/L		11/20/24 07:01	12/14/24 14:13	100
N-Nitrosopiperidine	<46.6	U	114	46.6	ug/L		11/20/24 07:01	12/14/24 14:13	100
Pentachlorobenzene	<26.5	U	57.0	26.5	ug/L		11/20/24 07:01	12/14/24 14:13	100
Diphenyl ether	<9.07	U	57.0	9.07	ug/L		11/20/24 07:01	12/14/24 14:13	100
1,1'-Biphenyl	<9.79	U	57.0	9.79	ug/L		11/20/24 07:01	12/14/24 14:13	100
4-Aminobiphenyl	<39.3	U	57.0	39.3	ug/L		11/20/24 07:01	12/14/24 14:13	100
1,2,4,5-Tetrachlorobenzene	<9.55	U	57.0	9.55	ug/L		11/20/24 07:01	12/14/24 14:13	100
1,3,5-Trinitrobenzene	<11.8	U	57.0	11.8	ug/L		11/20/24 07:01	12/14/24 14:13	100
1,3-Dinitrobenzene	<7.71	U	57.0	7.71	ug/L		11/20/24 07:01	12/14/24 14:13	100
1,4-Naphthoquinone	<31.3	U	57.0	31.3	ug/L		11/20/24 07:01	12/14/24 14:13	100
1-Naphthylamine	<14.8	U	57.0	14.8	ug/L		11/20/24 07:01	12/14/24 14:13	100
2,6-Dichlorophenol	<11.8	U	57.0	11.8	ug/L		11/20/24 07:01	12/14/24 14:13	100
2-Acetylaminofluorene	<126	U *+	285	126	ug/L		11/20/24 07:01	12/14/24 14:13	100
2-Chlorophenol	<7.54	U	57.0	7.54	ug/L		11/20/24 07:01	12/14/24 14:13	100
2-Naphthylamine	<28.7	U	57.0	28.7	ug/L		11/20/24 07:01	12/14/24 14:13	100
2-Picoline	<12.2	U	57.0	12.2	ug/L		11/20/24 07:01	12/14/24 14:13	100
2-Toluidine	<30.5	U *- *1	57.0	30.5	ug/L		11/20/24 07:01	12/14/24 14:13	100
3,3'-Dichlorobenzidine	<18.3	U	57.0	18.3	ug/L		11/20/24 07:01	12/14/24 14:13	100
3,3'-Dimethylbenzidine	<14.1	U	57.0	14.1	ug/L		11/20/24 07:01	12/14/24 14:13	100
3-Methylcholanthrene	<10.4	U	57.0	10.4	ug/L		11/20/24 07:01	12/14/24 14:13	100
4-Nitroquinoline-1-oxide	<72.8	U	114	72.8	ug/L		11/20/24 07:01	12/14/24 14:13	100
7,12-Dimethylbenz(a)anthracene	<24.0	U *+	57.0	24.0	ug/L		11/20/24 07:01	12/14/24 14:13	100
alpha,alpha-Dimethyl phenethylamine	<366	U *-	570	366	ug/L		11/20/24 07:01	12/14/24 14:13	100
Aramite Peak 1	<7.83	U *+	57.0	7.83	ug/L		11/20/24 07:01	12/14/24 14:13	100

Client Sample ID: MW-16

Date Collected: 11/13/24 08:55
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aramite Peak 2	<9.51	U *+	57.0	9.51	ug/L		11/20/24 07:01	12/14/24 14:13	100
Aramite, Total	<9.51	U	57.0	9.51	ug/L		11/20/24 07:01	12/14/24 14:13	100
Diallate	<8.32	U	57.0	8.32	ug/L		11/20/24 07:01	12/14/24 14:13	100
Diallate Peak 1	<8.32	U *+	57.0	8.32	ug/L		11/20/24 07:01	12/14/24 14:13	100
Diallate Peak 2	<3.84	U	57.0	3.84	ug/L		11/20/24 07:01	12/14/24 14:13	100
Dimethoate	<12.1	U *+	57.0	12.1	ug/L		11/20/24 07:01	12/14/24 14:13	100
Dinoseb	<56.8	U *+	285	56.8	ug/L		11/20/24 07:01	12/14/24 14:13	100
Disulfoton	<20.2	U *+	57.0	20.2	ug/L		11/20/24 07:01	12/14/24 14:13	100
Ethyl methanesulfonate	<22.6	U	57.0	22.6	ug/L		11/20/24 07:01	12/14/24 14:13	100
Ethyl Parathion	<5.01	U *+	22.8	5.01	ug/L		11/20/24 07:01	12/14/24 14:13	100
Famphur	<15.0	U *+	114	15.0	ug/L		11/20/24 07:01	12/14/24 14:13	100
Hexachloropropene	<29.9	U *-	57.0	29.9	ug/L		11/20/24 07:01	12/14/24 14:13	100
Isosafrole	<24.0	U	57.0	24.0	ug/L		11/20/24 07:01	12/14/24 14:13	100
Isosafrole Peak 1	<4.62	U	57.0	4.62	ug/L		11/20/24 07:01	12/14/24 14:13	100
Isosafrole Peak 2	<24.0	U	57.0	24.0	ug/L		11/20/24 07:01	12/14/24 14:13	100
Methapyrilene	<99.7	U *+	228	99.7	ug/L		11/20/24 07:01	12/14/24 14:13	100
Methyl methanesulfonate	<12.0	U	57.0	12.0	ug/L		11/20/24 07:01	12/14/24 14:13	100
Methyl parathion	<31.8	U *+	57.0	31.8	ug/L		11/20/24 07:01	12/14/24 14:13	100
N-Nitrosodiethylamine	<53.7	U	114	53.7	ug/L		11/20/24 07:01	12/14/24 14:13	100
N-Nitrosodimethylamine	<9.97	U *-	57.0	9.97	ug/L		11/20/24 07:01	12/14/24 14:13	100
N-Nitrosodi-n-butylamine	<51.4	U *+	114	51.4	ug/L		11/20/24 07:01	12/14/24 14:13	100
N-Nitrosomethylethylamine	<29.3	U	57.0	29.3	ug/L		11/20/24 07:01	12/14/24 14:13	100
N-Nitrosomorpholine	<22.0	U	57.0	22.0	ug/L		11/20/24 07:01	12/14/24 14:13	100
N-Nitrosopyrrolidine	<26.7	U	57.0	26.7	ug/L		11/20/24 07:01	12/14/24 14:13	100
o,o',o''-Triethylphosphorothioate	**1250**	***+**	57.0	13.8	ug/L		11/20/24 07:01	12/14/24 14:13	100
p-Dimethylamino azobenzene	<2.37	U *+	57.0	2.37	ug/L		11/20/24 07:01	12/14/24 14:13	100
Pentachloronitrobenzene	<9.97	U *+	57.0	9.97	ug/L		11/20/24 07:01	12/14/24 14:13	100
Phenacetin	<9.97	U *+	57.0	9.97	ug/L		11/20/24 07:01	12/14/24 14:13	100
Phorate	<22.1	U *+	57.0	22.1	ug/L		11/20/24 07:01	12/14/24 14:13	100
p-Phenylene diamine	<49.9	U *-	114	49.9	ug/L		11/20/24 07:01	12/14/24 14:13	100
Pronamide	<9.97	U *+	57.0	9.97	ug/L		11/20/24 07:01	12/14/24 14:13	100
Safrole, Total	<5.69	U	57.0	5.69	ug/L		11/20/24 07:01	12/14/24 14:13	100
Sulfotepp	<14.6	U *+	57.0	14.6	ug/L		11/20/24 07:01	12/14/24 14:13	100
Thionazin	<20.8	U *+	114	20.8	ug/L		11/20/24 07:01	12/14/24 14:13	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*229*	*I S1+*	*35 - 130*	*11/20/24 07:01*	*12/14/24 14:13*	*100*
2-Fluorobiphenyl	*43*	*I*	*43 - 130*	*11/20/24 07:01*	*12/14/24 14:13*	*100*
2-Fluorophenol (Surr)	*44*	*I*	*19 - 120*	*11/20/24 07:01*	*12/14/24 14:13*	*100*
Nitrobenzene-d5 (Surr)	*65*		*37 - 133*	*11/20/24 07:01*	*12/14/24 14:13*	*100*
Phenol-d5 (Surr)	*61*	*I*	*8 - 124*	*11/20/24 07:01*	*12/14/24 14:13*	*100*
p-Terphenyl-d14	*59*		*47 - 130*	*11/20/24 07:01*	*12/14/24 14:13*	*100*

Client Sample ID: MW-14

Date Collected: 11/13/24 10:03
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/19/24 15:26	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87121-1

Client Sample ID: MW-14
Date Collected: 11/13/24 10:03
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/19/24 15:26	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/19/24 15:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/19/24 15:26	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/19/24 15:26	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/19/24 15:26	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/19/24 15:26	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/19/24 15:26	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/19/24 15:26	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/19/24 15:26	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/19/24 15:26	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/19/24 15:26	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/19/24 15:26	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/19/24 15:26	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/19/24 15:26	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/19/24 15:26	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/19/24 15:26	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/19/24 15:26	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/19/24 15:26	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/19/24 15:26	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/19/24 15:26	1
Acetone	**35.6**	**J**	100	3.07	ug/L			11/19/24 15:26	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/19/24 15:26	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/19/24 15:26	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/19/24 15:26	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/19/24 15:26	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/19/24 15:26	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/19/24 15:26	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/19/24 15:26	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/19/24 15:26	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/19/24 15:26	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/19/24 15:26	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/19/24 15:26	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/19/24 15:26	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/19/24 15:26	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/19/24 15:26	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/19/24 15:26	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/19/24 15:26	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/19/24 15:26	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/19/24 15:26	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/19/24 15:26	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/19/24 15:26	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/19/24 15:26	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/19/24 15:26	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/19/24 15:26	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/19/24 15:26	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/19/24 15:26	1
Iodomethane	<5.00	U F1 *+	20.0	5.00	ug/L			11/19/24 15:26	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/19/24 15:26	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/19/24 15:26	1

Client Sample ID: MW-14
Date Collected: 11/13/24 10:03
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/19/24 15:26	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/19/24 15:26	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/19/24 15:26	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/19/24 15:26	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/19/24 15:26	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/19/24 15:26	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/19/24 15:26	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/19/24 15:26	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/19/24 15:26	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/19/24 15:26	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/19/24 15:26	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/19/24 15:26	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/19/24 15:26	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/19/24 15:26	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/19/24 15:26	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/19/24 15:26	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/19/24 15:26	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/19/24 15:26	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/19/24 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*11/19/24 15:26*	*1*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*11/19/24 15:26*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*11/19/24 15:26*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/19/24 15:26*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0756	U	0.563	0.0756	ug/L		11/16/24 05:06	11/17/24 17:23	1
1,2-Dichlorobenzene	<0.0928	U	0.563	0.0928	ug/L		11/16/24 05:06	11/17/24 17:23	1
1,3-Dichlorobenzene	<0.100	U	0.563	0.100	ug/L		11/16/24 05:06	11/17/24 17:23	1
1,4-Dichlorobenzene	<0.0768	U	0.563	0.0768	ug/L		11/16/24 05:06	11/17/24 17:23	1
2,2'-oxybis[1-chloropropane]	<1.41	U	2.82	1.41	ug/L		11/16/24 05:06	11/17/24 17:23	1
2,4,5-Trichlorophenol	<0.141	U	0.563	0.141	ug/L		11/16/24 05:06	11/17/24 17:23	1
2,4,6-Trichlorophenol	<0.228	U	0.563	0.228	ug/L		11/16/24 05:06	11/17/24 17:23	1
2,4-Dichlorophenol	<0.138	U	0.563	0.138	ug/L		11/16/24 05:06	11/17/24 17:23	1
2,4-Dimethylphenol	**0.301**	**J *+ I**	0.563	0.189	ug/L		11/16/24 05:06	11/17/24 17:23	1
2,4-Dinitrophenol	<0.103	U	2.82	0.103	ug/L		11/16/24 05:06	11/17/24 17:23	1
2,4-Dinitrotoluene	<0.202	U	0.563	0.202	ug/L		11/16/24 05:06	11/17/24 17:23	1
2,6-Dinitrotoluene	**0.656**	**I**	0.563	0.115	ug/L		11/16/24 05:06	11/17/24 17:23	1
2-Chloronaphthalene	<0.373	U	0.563	0.373	ug/L		11/16/24 05:06	11/17/24 17:23	1
2-Methylnaphthalene	<0.0594	U	0.563	0.0594	ug/L		11/16/24 05:06	11/17/24 17:23	1
2-Methylphenol	<0.103	U	0.563	0.103	ug/L		11/16/24 05:06	11/17/24 17:23	1
2-Nitroaniline	<0.147	U	0.563	0.147	ug/L		11/16/24 05:06	11/17/24 17:23	1
2-Nitrophenol	<0.134	U	0.563	0.134	ug/L		11/16/24 05:06	11/17/24 17:23	1
3 & 4 Methylphenol	<0.137	U	0.563	0.137	ug/L		11/16/24 05:06	11/17/24 17:23	1
3-Nitroaniline	<0.0840	U	0.563	0.0840	ug/L		11/16/24 05:06	11/17/24 17:23	1
4,6-Dinitro-2-methylphenol	<0.199	U	1.13	0.199	ug/L		11/16/24 05:06	11/17/24 17:23	1
4-Bromophenyl phenyl ether	<0.0989	U *+	0.563	0.0989	ug/L		11/16/24 05:06	11/17/24 17:23	1
4-Chloro-3-methylphenol	<0.102	U	0.563	0.102	ug/L		11/16/24 05:06	11/17/24 17:23	1

Client Sample ID: MW-14
Date Collected: 11/13/24 10:03
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	<0.0380	U	0.563	0.0380	ug/L		11/16/24 05:06	11/17/24 17:23	1
4-Chlorophenyl phenyl ether	<0.129	U	0.563	0.129	ug/L		11/16/24 05:06	11/17/24 17:23	1
4-Nitroaniline	<0.107	U	0.563	0.107	ug/L		11/16/24 05:06	11/17/24 17:23	1
Acenaphthene	**0.245**	**J**	0.563	0.106	ug/L		11/16/24 05:06	11/17/24 17:23	1
Acenaphthylene	<0.0982	U	0.563	0.0982	ug/L		11/16/24 05:06	11/17/24 17:23	1
Aniline	<0.0571	U	0.563	0.0571	ug/L		11/16/24 05:06	11/17/24 17:23	1
Anthracene	<0.0925	U	0.563	0.0925	ug/L		11/16/24 05:06	11/17/24 17:23	1
Benzo[a]anthracene	<0.0282	U *+	0.0282	0.0282	ug/L		11/16/24 05:06	11/17/24 17:23	1
Benzo[a]pyrene	<0.0296	U	0.0563	0.0296	ug/L		11/16/24 05:06	11/17/24 17:23	1
Benzo[b]fluoranthene	<0.0655	U	0.563	0.0655	ug/L		11/16/24 05:06	11/17/24 17:23	1
Benzo[g,h,i]perylene	<0.0340	U	0.563	0.0340	ug/L		11/16/24 05:06	11/17/24 17:23	1
Benzo[k]fluoranthene	<0.0466	U	0.563	0.0466	ug/L		11/16/24 05:06	11/17/24 17:23	1
Benzyl alcohol	<0.592	U *-	1.13	0.592	ug/L		11/16/24 05:06	11/17/24 17:23	1
Bis(2-chloroethoxy)methane	**11.6**	**I**	0.563	0.0961	ug/L		11/16/24 05:06	11/17/24 17:23	1
Bis(2-chloroethyl)ether	<0.211	U *+	0.563	0.211	ug/L		11/16/24 05:06	11/17/24 17:23	1
Bis(2-ethylhexyl) phthalate	<0.887	U	1.13	0.887	ug/L		11/16/24 05:06	11/17/24 17:23	1
Butyl benzyl phthalate	<0.493	U	1.13	0.493	ug/L		11/16/24 05:06	11/17/24 17:23	1
Chrysene	<0.0804	U *+	0.563	0.0804	ug/L		11/16/24 05:06	11/17/24 17:23	1
Dibenz(a,h)anthracene	<0.0502	U	0.113	0.0502	ug/L		11/16/24 05:06	11/17/24 17:23	1
Dibenzofuran	<0.105	U	0.563	0.105	ug/L		11/16/24 05:06	11/17/24 17:23	1
Diethyl phthalate	<0.153	U	1.13	0.153	ug/L		11/16/24 05:06	11/17/24 17:23	1
Dimethyl phthalate	<0.107	U	1.13	0.107	ug/L		11/16/24 05:06	11/17/24 17:23	1
Di-n-butyl phthalate	<0.754	U	1.13	0.754	ug/L		11/16/24 05:06	11/17/24 17:23	1
Di-n-octyl phthalate	<0.265	U	1.13	0.265	ug/L		11/16/24 05:06	11/17/24 17:23	1
Fluoranthene	<0.0871	U	0.563	0.0871	ug/L		11/16/24 05:06	11/17/24 17:23	1
Fluorene	<0.0935	U	0.563	0.0935	ug/L		11/16/24 05:06	11/17/24 17:23	1
Hexachlorobenzene	<0.0961	U	0.563	0.0961	ug/L		11/16/24 05:06	11/17/24 17:23	1
Hexachlorobutadiene	<0.101	U	0.563	0.101	ug/L		11/16/24 05:06	11/17/24 17:23	1
Hexachlorocyclopentadiene	<0.0505	U	0.563	0.0505	ug/L		11/16/24 05:06	11/17/24 17:23	1
Hexachloroethane	<0.100	U	0.563	0.100	ug/L		11/16/24 05:06	11/17/24 17:23	1
Indeno[1,2,3-cd]pyrene	<0.0986	U	0.563	0.0986	ug/L		11/16/24 05:06	11/17/24 17:23	1
Isophorone	<0.105	U	0.563	0.105	ug/L		11/16/24 05:06	11/17/24 17:23	1
Naphthalene	<0.0931	U	0.563	0.0931	ug/L		11/16/24 05:06	11/17/24 17:23	1
Nitrobenzene	<0.0726	U	0.563	0.0726	ug/L		11/16/24 05:06	11/17/24 17:23	1
N-Nitrosodi-n-propylamine	<0.117	U	0.563	0.117	ug/L		11/16/24 05:06	11/17/24 17:23	1
N-Nitrosodiphenylamine	<0.142	U *+	0.563	0.142	ug/L		11/16/24 05:06	11/17/24 17:23	1
Pentachlorophenol	<1.02	U	1.13	1.02	ug/L		11/16/24 05:06	11/17/24 17:23	1
Phenanthrene	<0.132	U *+	0.563	0.132	ug/L		11/16/24 05:06	11/17/24 17:23	1
Phenol	<1.13	U	1.13	1.13	ug/L		11/16/24 05:06	11/17/24 17:23	1
Pyrene	<0.0837	U	0.563	0.0837	ug/L		11/16/24 05:06	11/17/24 17:23	1
Pyridine	<1.42	U	2.82	1.42	ug/L		11/16/24 05:06	11/17/24 17:23	1
N-Nitro-o-toluidine	<0.513	U	1.13	0.513	ug/L		11/16/24 05:06	11/17/24 17:23	1
2,3,4,6-Tetrachlorophenol	<0.208	U	0.563	0.208	ug/L		11/16/24 05:06	11/17/24 17:23	1
Acetophenone	<0.615	U	1.13	0.615	ug/L		11/16/24 05:06	11/17/24 17:23	1
N-Nitrosopiperidine	<0.461	U	1.13	0.461	ug/L		11/16/24 05:06	11/17/24 17:23	1
Pentachlorobenzene	<0.262	U	0.563	0.262	ug/L		11/16/24 05:06	11/17/24 17:23	1
1,1'-Biphenyl	**0.342**	**J**	0.563	0.0967	ug/L		11/16/24 05:06	11/17/24 17:23	1
4-Aminobiphenyl	<0.388	U	0.563	0.388	ug/L		11/16/24 05:06	11/17/24 17:23	1
1,2,4,5-Tetrachlorobenzene	<0.0944	U	0.563	0.0944	ug/L		11/16/24 05:06	11/17/24 17:23	1

Client Sample ID: MW-14
Lab Sample ID: 860-87121-3
Date Collected: 11/13/24 10:03
Matrix: Water
Date Received: 11/15/24 09:56

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	<0.117	U	0.563	0.117	ug/L		11/16/24 05:06	11/17/24 17:23	1
1,3-Dinitrobenzene	<0.0762	U	0.563	0.0762	ug/L		11/16/24 05:06	11/17/24 17:23	1
1,4-Naphthoquinone	<0.310	U	0.563	0.310	ug/L		11/16/24 05:06	11/17/24 17:23	1
1-Naphthylamine	<0.147	U *-	0.563	0.147	ug/L		11/16/24 05:06	11/17/24 17:23	1
2,6-Dichlorophenol	<0.117	U	0.563	0.117	ug/L		11/16/24 05:06	11/17/24 17:23	1
2-Acetylaminofluorene	<1.25	U	2.82	1.25	ug/L		11/16/24 05:06	11/17/24 17:23	1
2-Chlorophenol	<0.0746	U	0.563	0.0746	ug/L		11/16/24 05:06	11/17/24 17:23	1
2-Naphthylamine	<0.284	U	0.563	0.284	ug/L		11/16/24 05:06	11/17/24 17:23	1
2-Picoline	<0.121	U	0.563	0.121	ug/L		11/16/24 05:06	11/17/24 17:23	1
2-Toluidine	<0.302	U	0.563	0.302	ug/L		11/16/24 05:06	11/17/24 17:23	1
3,3'-Dichlorobenzidine	<0.181	U	0.563	0.181	ug/L		11/16/24 05:06	11/17/24 17:23	1
3,3'-Dimethylbenzidine	<0.140	U	0.563	0.140	ug/L		11/16/24 05:06	11/17/24 17:23	1
3-Methylcholanthrene	<0.103	U	0.563	0.103	ug/L		11/16/24 05:06	11/17/24 17:23	1
4-Nitroquinoline-1-oxide	<0.720	U	1.13	0.720	ug/L		11/16/24 05:06	11/17/24 17:23	1
7,12-Dimethylbenz(a)anthracene	<0.238	U	0.563	0.238	ug/L		11/16/24 05:06	11/17/24 17:23	1
alpha,alpha-Dimethyl phenethylamine	<3.62	U *-	5.63	3.62	ug/L		11/16/24 05:06	11/17/24 17:23	1
Aramite Peak 1	<0.0774	U *+	0.563	0.0774	ug/L		11/16/24 05:06	11/17/24 17:23	1
Aramite Peak 2	<0.0940	U	0.563	0.0940	ug/L		11/16/24 05:06	11/17/24 17:23	1
Aramite, Total	<0.0940	U	0.563	0.0940	ug/L		11/16/24 05:06	11/17/24 17:23	1
Diallate	<0.0823	U	0.563	0.0823	ug/L		11/16/24 05:06	11/17/24 17:23	1
Diallate Peak 1	<0.0823	U *+	0.563	0.0823	ug/L		11/16/24 05:06	11/17/24 17:23	1
Diallate Peak 2	<0.0380	U	0.563	0.0380	ug/L		11/16/24 05:06	11/17/24 17:23	1
Dimethoate	<0.120	U *+	0.563	0.120	ug/L		11/16/24 05:06	11/17/24 17:23	1
Dinoseb	<0.562	U *+	2.82	0.562	ug/L		11/16/24 05:06	11/17/24 17:23	1
Disulfoton	<0.200	U *+	0.563	0.200	ug/L		11/16/24 05:06	11/17/24 17:23	1
Ethyl methanesulfonate	<0.223	U	0.563	0.223	ug/L		11/16/24 05:06	11/17/24 17:23	1
Ethyl Parathion	<0.0495	U *+	0.225	0.0495	ug/L		11/16/24 05:06	11/17/24 17:23	1
Famphur	<0.149	U *+	1.13	0.149	ug/L		11/16/24 05:06	11/17/24 17:23	1
Hexachloropropene	<0.296	U *-	0.563	0.296	ug/L		11/16/24 05:06	11/17/24 17:23	1
Isosafrole	<0.237	U	0.563	0.237	ug/L		11/16/24 05:06	11/17/24 17:23	1
Isosafrole Peak 1	<0.0457	U	0.563	0.0457	ug/L		11/16/24 05:06	11/17/24 17:23	1
Isosafrole Peak 2	<0.237	U	0.563	0.237	ug/L		11/16/24 05:06	11/17/24 17:23	1
Methapyrilene	<0.986	U *+	2.25	0.986	ug/L		11/16/24 05:06	11/17/24 17:23	1
Methyl methanesulfonate	<0.118	U	0.563	0.118	ug/L		11/16/24 05:06	11/17/24 17:23	1
Methyl parathion	<0.315	U *+	0.563	0.315	ug/L		11/16/24 05:06	11/17/24 17:23	1
N-Nitrosodiethylamine	<0.531	U	1.13	0.531	ug/L		11/16/24 05:06	11/17/24 17:23	1
N-Nitrosodimethylamine	<0.0986	U *-	0.563	0.0986	ug/L		11/16/24 05:06	11/17/24 17:23	1
N-Nitrosodi-n-butylamine	<0.508	U	1.13	0.508	ug/L		11/16/24 05:06	11/17/24 17:23	1
N-Nitrosomethylethylamine	<0.290	U	0.563	0.290	ug/L		11/16/24 05:06	11/17/24 17:23	1
N-Nitrosomorpholine	<0.217	U	0.563	0.217	ug/L		11/16/24 05:06	11/17/24 17:23	1
N-Nitrosopyrrolidine	<0.264	U *-	0.563	0.264	ug/L		11/16/24 05:06	11/17/24 17:23	1
p-Dimethylamino azobenzene	<0.0234	U	0.563	0.0234	ug/L		11/16/24 05:06	11/17/24 17:23	1
Pentachloronitrobenzene	<0.0986	U *+	0.563	0.0986	ug/L		11/16/24 05:06	11/17/24 17:23	1
Phenacetin	<0.0986	U	0.563	0.0986	ug/L		11/16/24 05:06	11/17/24 17:23	1
Phorate	<0.218	U *+	0.563	0.218	ug/L		11/16/24 05:06	11/17/24 17:23	1
p-Phenylene diamine	<0.493	U *-	1.13	0.493	ug/L		11/16/24 05:06	11/17/24 17:23	1
Pronamide	<0.0986	U *+	0.563	0.0986	ug/L		11/16/24 05:06	11/17/24 17:23	1
Safrole, Total	<0.0563	U	0.563	0.0563	ug/L		11/16/24 05:06	11/17/24 17:23	1
Sulfotepp	<0.144	U *+	0.563	0.144	ug/L		11/16/24 05:06	11/17/24 17:23	1

Client Sample ID: MW-14

Date Collected: 11/13/24 10:03
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-3

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thionazin	<0.205	U *+	1.13	0.205	ug/L		11/16/24 05:06	11/17/24 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*120*		*35 - 130*	*11/16/24 05:06*	*11/17/24 17:23*	*1*
2-Fluorobiphenyl	*73*		*43 - 130*	*11/16/24 05:06*	*11/17/24 17:23*	*1*
2-Fluorophenol (Surr)	*57*		*19 - 120*	*11/16/24 05:06*	*11/17/24 17:23*	*1*
Nitrobenzene-d5 (Surr)	*104*		*37 - 133*	*11/16/24 05:06*	*11/17/24 17:23*	*1*
Phenol-d5 (Surr)	*34*		*8 - 124*	*11/16/24 05:06*	*11/17/24 17:23*	*1*
p-Terphenyl-d14	*85*		*47 - 130*	*11/16/24 05:06*	*11/17/24 17:23*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**355**		28.2	4.39	ug/L		11/16/24 05:06	12/14/24 11:41	50
Diphenyl ether	**122**		28.2	4.48	ug/L		11/16/24 05:06	12/14/24 11:41	50
o,o',o''-Triethylphosphorothioate	**162**	*+	28.2	6.82	ug/L		11/16/24 05:06	12/14/24 11:41	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*280*	*I S1+*	*35 - 130*	*11/16/24 05:06*	*12/14/24 11:41*	*50*
2-Fluorobiphenyl	*154*	*S1+*	*43 - 130*	*11/16/24 05:06*	*12/14/24 11:41*	*50*
2-Fluorophenol (Surr)	*110*	*I*	*19 - 120*	*11/16/24 05:06*	*12/14/24 11:41*	*50*
Nitrobenzene-d5 (Surr)	*215*	*S1+*	*37 - 133*	*11/16/24 05:06*	*12/14/24 11:41*	*50*
Phenol-d5 (Surr)	*77*		*8 - 124*	*11/16/24 05:06*	*12/14/24 11:41*	*50*
p-Terphenyl-d14	*215*	*S1+*	*47 - 130*	*11/16/24 05:06*	*12/14/24 11:41*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<3.83	U	28.6	3.83	ug/L		11/20/24 07:01	12/14/24 14:43	50
1,2-Dichlorobenzene	<4.70	U	28.6	4.70	ug/L		11/20/24 07:01	12/14/24 14:43	50
1,3-Dichlorobenzene	<5.08	U	28.6	5.08	ug/L		11/20/24 07:01	12/14/24 14:43	50
1,4-Dichlorobenzene	<3.90	U	28.6	3.90	ug/L		11/20/24 07:01	12/14/24 14:43	50
2,2'-oxybis[1-chloropropane]	<71.4	U	143	71.4	ug/L		11/20/24 07:01	12/14/24 14:43	50
2,4,5-Trichlorophenol	<7.16	U *+	28.6	7.16	ug/L		11/20/24 07:01	12/14/24 14:43	50
2,4,6-Trichlorophenol	<11.5	U *+	28.6	11.5	ug/L		11/20/24 07:01	12/14/24 14:43	50
2,4-Dichlorophenol	<7.00	U	28.6	7.00	ug/L		11/20/24 07:01	12/14/24 14:43	50
2,4-Dimethylphenol	<9.61	U *+	28.6	9.61	ug/L		11/20/24 07:01	12/14/24 14:43	50
1,4-Dioxane	**251**		28.6	4.45	ug/L		11/20/24 07:01	12/14/24 14:43	50
2,4-Dinitrophenol	<5.21	U	143	5.21	ug/L		11/20/24 07:01	12/14/24 14:43	50
2,4-Dinitrotoluene	<10.2	U *+	28.6	10.2	ug/L		11/20/24 07:01	12/14/24 14:43	50
2,6-Dinitrotoluene	<5.81	U	28.6	5.81	ug/L		11/20/24 07:01	12/14/24 14:43	50
2-Chloronaphthalene	<18.9	U	28.6	18.9	ug/L		11/20/24 07:01	12/14/24 14:43	50
2-Methylnaphthalene	<3.01	U	28.6	3.01	ug/L		11/20/24 07:01	12/14/24 14:43	50
2-Methylphenol	<5.24	U	28.6	5.24	ug/L		11/20/24 07:01	12/14/24 14:43	50
2-Nitroaniline	<7.45	U *+	28.6	7.45	ug/L		11/20/24 07:01	12/14/24 14:43	50
2-Nitrophenol	<6.80	U	28.6	6.80	ug/L		11/20/24 07:01	12/14/24 14:43	50
3 & 4 Methylphenol	<6.94	U	28.6	6.94	ug/L		11/20/24 07:01	12/14/24 14:43	50
3-Nitroaniline	<4.26	U	28.6	4.26	ug/L		11/20/24 07:01	12/14/24 14:43	50
4,6-Dinitro-2-methylphenol	<10.1	U	57.1	10.1	ug/L		11/20/24 07:01	12/14/24 14:43	50
4-Bromophenyl phenyl ether	<5.01	U *+	28.6	5.01	ug/L		11/20/24 07:01	12/14/24 14:43	50
4-Chloro-3-methylphenol	<5.18	U	28.6	5.18	ug/L		11/20/24 07:01	12/14/24 14:43	50
4-Chloroaniline	<1.93	U	28.6	1.93	ug/L		11/20/24 07:01	12/14/24 14:43	50

Client Sample ID: MW-14
Date Collected: 11/13/24 10:03
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	<6.52	U	28.6	6.52	ug/L		11/20/24 07:01	12/14/24 14:43	50
4-Nitroaniline	<5.43	U	28.6	5.43	ug/L		11/20/24 07:01	12/14/24 14:43	50
Acenaphthene	<5.37	U	28.6	5.37	ug/L		11/20/24 07:01	12/14/24 14:43	50
Acenaphthylene	<4.98	U	28.6	4.98	ug/L		11/20/24 07:01	12/14/24 14:43	50
Aniline	<2.90	U	28.6	2.90	ug/L		11/20/24 07:01	12/14/24 14:43	50
Anthracene	<4.69	U	28.6	4.69	ug/L		11/20/24 07:01	12/14/24 14:43	50
Benzo[a]anthracene	<1.43	U *+	1.43	1.43	ug/L		11/20/24 07:01	12/14/24 14:43	50
Benzo[a]pyrene	<1.50	U	2.86	1.50	ug/L		11/20/24 07:01	12/14/24 14:43	50
Benzo[b]fluoranthene	<3.32	U *+	28.6	3.32	ug/L		11/20/24 07:01	12/14/24 14:43	50
Benzo[g,h,i]perylene	<1.73	U	28.6	1.73	ug/L		11/20/24 07:01	12/14/24 14:43	50
Benzo[k]fluoranthene	<2.36	U *+	28.6	2.36	ug/L		11/20/24 07:01	12/14/24 14:43	50
Benzyl alcohol	<30.0	U	57.1	30.0	ug/L		11/20/24 07:01	12/14/24 14:43	50
Bis(2-chloroethoxy)methane	<4.87	U	28.6	4.87	ug/L		11/20/24 07:01	12/14/24 14:43	50
Bis(2-chloroethyl)ether	<10.7	U *+	28.6	10.7	ug/L		11/20/24 07:01	12/14/24 14:43	50
Bis(2-ethylhexyl) phthalate	<45.0	U *+	57.1	45.0	ug/L		11/20/24 07:01	12/14/24 14:43	50
Butyl benzyl phthalate	<25.0	U	57.1	25.0	ug/L		11/20/24 07:01	12/14/24 14:43	50
Chrysene	<4.08	U *+	28.6	4.08	ug/L		11/20/24 07:01	12/14/24 14:43	50
Dibenz(a,h)anthracene	<2.54	U	5.71	2.54	ug/L		11/20/24 07:01	12/14/24 14:43	50
Dibenzofuran	<5.33	U *+	28.6	5.33	ug/L		11/20/24 07:01	12/14/24 14:43	50
Diethyl phthalate	<7.74	U *+	57.1	7.74	ug/L		11/20/24 07:01	12/14/24 14:43	50
Dimethyl phthalate	<5.41	U	57.1	5.41	ug/L		11/20/24 07:01	12/14/24 14:43	50
Di-n-butyl phthalate	<38.3	U *+	57.1	38.3	ug/L		11/20/24 07:01	12/14/24 14:43	50
Di-n-octyl phthalate	<13.5	U *+ *1	57.1	13.5	ug/L		11/20/24 07:01	12/14/24 14:43	50
Fluoranthene	<4.42	U *+	28.6	4.42	ug/L		11/20/24 07:01	12/14/24 14:43	50
Fluorene	<4.74	U	28.6	4.74	ug/L		11/20/24 07:01	12/14/24 14:43	50
Hexachlorobenzene	<4.87	U	28.6	4.87	ug/L		11/20/24 07:01	12/14/24 14:43	50
Hexachlorobutadiene	<5.13	U	28.6	5.13	ug/L		11/20/24 07:01	12/14/24 14:43	50
Hexachlorocyclopentadiene	<2.56	U	28.6	2.56	ug/L		11/20/24 07:01	12/14/24 14:43	50
Hexachloroethane	<5.09	U	28.6	5.09	ug/L		11/20/24 07:01	12/14/24 14:43	50
Indeno[1,2,3-cd]pyrene	<5.00	U	28.6	5.00	ug/L		11/20/24 07:01	12/14/24 14:43	50
Isophorone	<5.33	U	28.6	5.33	ug/L		11/20/24 07:01	12/14/24 14:43	50
Naphthalene	<4.72	U	28.6	4.72	ug/L		11/20/24 07:01	12/14/24 14:43	50
Nitrobenzene	<3.68	U	28.6	3.68	ug/L		11/20/24 07:01	12/14/24 14:43	50
N-Nitrosodi-n-propylamine	<5.93	U	28.6	5.93	ug/L		11/20/24 07:01	12/14/24 14:43	50
N-Nitrosodiphenylamine	<7.23	U *+	28.6	7.23	ug/L		11/20/24 07:01	12/14/24 14:43	50
Pentachlorophenol	<51.9	U	57.1	51.9	ug/L		11/20/24 07:01	12/14/24 14:43	50
Phenanthrene	<6.70	U	28.6	6.70	ug/L		11/20/24 07:01	12/14/24 14:43	50
Phenol	<57.1	U *1	57.1	57.1	ug/L		11/20/24 07:01	12/14/24 14:43	50
Pyrene	<4.24	U *+	28.6	4.24	ug/L		11/20/24 07:01	12/14/24 14:43	50
Pyridine	<71.9	U	143	71.9	ug/L		11/20/24 07:01	12/14/24 14:43	50
N-Nitro-o-toluidine	<26.0	U	57.1	26.0	ug/L		11/20/24 07:01	12/14/24 14:43	50
2,3,4,6-Tetrachlorophenol	<10.5	U *+	28.6	10.5	ug/L		11/20/24 07:01	12/14/24 14:43	50
Acetophenone	<31.2	U *+	57.1	31.2	ug/L		11/20/24 07:01	12/14/24 14:43	50
N-Nitrosopiperidine	<23.4	U	57.1	23.4	ug/L		11/20/24 07:01	12/14/24 14:43	50
Pentachlorobenzene	<13.3	U	28.6	13.3	ug/L		11/20/24 07:01	12/14/24 14:43	50
Diphenyl ether	**47.4**		28.6	4.55	ug/L		11/20/24 07:01	12/14/24 14:43	50
1,1'-Biphenyl	<4.91	U	28.6	4.91	ug/L		11/20/24 07:01	12/14/24 14:43	50
4-Aminobiphenyl	<19.7	U	28.6	19.7	ug/L		11/20/24 07:01	12/14/24 14:43	50
1,2,4,5-Tetrachlorobenzene	<4.79	U	28.6	4.79	ug/L		11/20/24 07:01	12/14/24 14:43	50

Client Sample ID: MW-14
Date Collected: 11/13/24 10:03
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trinitrobenzene	<5.94	U	28.6	5.94	ug/L		11/20/24 07:01	12/14/24 14:43	50
1,3-Dinitrobenzene	<3.86	U	28.6	3.86	ug/L		11/20/24 07:01	12/14/24 14:43	50
1,4-Naphthoquinone	<15.7	U	28.6	15.7	ug/L		11/20/24 07:01	12/14/24 14:43	50
1-Naphthylamine	<7.43	U	28.6	7.43	ug/L		11/20/24 07:01	12/14/24 14:43	50
2,6-Dichlorophenol	<5.91	U	28.6	5.91	ug/L		11/20/24 07:01	12/14/24 14:43	50
2-Acetylaminofluorene	<63.2	U *+	143	63.2	ug/L		11/20/24 07:01	12/14/24 14:43	50
2-Chlorophenol	<3.78	U	28.6	3.78	ug/L		11/20/24 07:01	12/14/24 14:43	50
2-Naphthylamine	<14.4	U	28.6	14.4	ug/L		11/20/24 07:01	12/14/24 14:43	50
2-Picoline	<6.13	U	28.6	6.13	ug/L		11/20/24 07:01	12/14/24 14:43	50
2-Toluidine	<15.3	U *- *1	28.6	15.3	ug/L		11/20/24 07:01	12/14/24 14:43	50
3,3'-Dichlorobenzidine	<9.16	U	28.6	9.16	ug/L		11/20/24 07:01	12/14/24 14:43	50
3,3'-Dimethylbenzidine	<7.09	U	28.6	7.09	ug/L		11/20/24 07:01	12/14/24 14:43	50
3-Methylcholanthrene	<5.22	U	28.6	5.22	ug/L		11/20/24 07:01	12/14/24 14:43	50
4-Nitroquinoline-1-oxide	<36.5	U	57.1	36.5	ug/L		11/20/24 07:01	12/14/24 14:43	50
7,12-Dimethylbenz(a)anthracene	<12.1	U *+	28.6	12.1	ug/L		11/20/24 07:01	12/14/24 14:43	50
alpha,alpha-Dimethyl phenethylamine	<184	U *-	286	184	ug/L		11/20/24 07:01	12/14/24 14:43	50
Aramite Peak 1	<3.93	U *+	28.6	3.93	ug/L		11/20/24 07:01	12/14/24 14:43	50
Aramite Peak 2	<4.77	U *+	28.6	4.77	ug/L		11/20/24 07:01	12/14/24 14:43	50
Aramite, Total	<4.77	U	28.6	4.77	ug/L		11/20/24 07:01	12/14/24 14:43	50
Diallate	<4.17	U	28.6	4.17	ug/L		11/20/24 07:01	12/14/24 14:43	50
Diallate Peak 1	<4.17	U *+	28.6	4.17	ug/L		11/20/24 07:01	12/14/24 14:43	50
Diallate Peak 2	<1.93	U	28.6	1.93	ug/L		11/20/24 07:01	12/14/24 14:43	50
Dimethoate	<6.08	U *+	28.6	6.08	ug/L		11/20/24 07:01	12/14/24 14:43	50
Dinoseb	<28.5	U *+	143	28.5	ug/L		11/20/24 07:01	12/14/24 14:43	50
Disulfoton	<10.1	U *+	28.6	10.1	ug/L		11/20/24 07:01	12/14/24 14:43	50
Ethyl methanesulfonate	<11.3	U	28.6	11.3	ug/L		11/20/24 07:01	12/14/24 14:43	50
Ethyl Parathion	<2.51	U *+	11.4	2.51	ug/L		11/20/24 07:01	12/14/24 14:43	50
Famphur	<7.54	U *+	57.1	7.54	ug/L		11/20/24 07:01	12/14/24 14:43	50
Hexachloropropene	<15.0	U *-	28.6	15.0	ug/L		11/20/24 07:01	12/14/24 14:43	50
Isosafrole	<12.0	U	28.6	12.0	ug/L		11/20/24 07:01	12/14/24 14:43	50
Isosafrole Peak 1	<2.32	U	28.6	2.32	ug/L		11/20/24 07:01	12/14/24 14:43	50
Isosafrole Peak 2	<12.0	U	28.6	12.0	ug/L		11/20/24 07:01	12/14/24 14:43	50
Methapyrilene	<50.0	U *+	114	50.0	ug/L		11/20/24 07:01	12/14/24 14:43	50
Methyl methanesulfonate	<5.99	U	28.6	5.99	ug/L		11/20/24 07:01	12/14/24 14:43	50
Methyl parathion	<16.0	U *+	28.6	16.0	ug/L		11/20/24 07:01	12/14/24 14:43	50
N-Nitrosodiethylamine	<26.9	U	57.1	26.9	ug/L		11/20/24 07:01	12/14/24 14:43	50
N-Nitrosodimethylamine	<5.00	U *-	28.6	5.00	ug/L		11/20/24 07:01	12/14/24 14:43	50
N-Nitrosodi-n-butylamine	<25.8	U *+	57.1	25.8	ug/L		11/20/24 07:01	12/14/24 14:43	50
N-Nitrosomethylethylamine	<14.7	U	28.6	14.7	ug/L		11/20/24 07:01	12/14/24 14:43	50
N-Nitrosomorpholine	<11.0	U	28.6	11.0	ug/L		11/20/24 07:01	12/14/24 14:43	50
N-Nitrosopyrrolidine	<13.4	U	28.6	13.4	ug/L		11/20/24 07:01	12/14/24 14:43	50
o,o',o''-Triethylphosphorothioate	**62.7**	***+**	28.6	6.91	ug/L		11/20/24 07:01	12/14/24 14:43	50
p-Dimethylamino azobenzene	<1.19	U *+	28.6	1.19	ug/L		11/20/24 07:01	12/14/24 14:43	50
Pentachloronitrobenzene	<5.00	U *+	28.6	5.00	ug/L		11/20/24 07:01	12/14/24 14:43	50
Phenacetin	<5.00	U *+	28.6	5.00	ug/L		11/20/24 07:01	12/14/24 14:43	50
Phorate	<11.1	U *+	28.6	11.1	ug/L		11/20/24 07:01	12/14/24 14:43	50
p-Phenylene diamine	<25.0	U *-	57.1	25.0	ug/L		11/20/24 07:01	12/14/24 14:43	50
Pronamide	<5.00	U *+	28.6	5.00	ug/L		11/20/24 07:01	12/14/24 14:43	50
Safrole, Total	<2.86	U	28.6	2.86	ug/L		11/20/24 07:01	12/14/24 14:43	50

Client Sample ID: MW-14

Date Collected: 11/13/24 10:03
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfotepp	<7.33	U *+	28.6	7.33	ug/L		11/20/24 07:01	12/14/24 14:43	50
Thionazin	<10.4	U *+	57.1	10.4	ug/L		11/20/24 07:01	12/14/24 14:43	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*175*	*I S1+*	*35 - 130*	*11/20/24 07:01*	*12/14/24 14:43*	*50*
2-Fluorobiphenyl	*62*		*43 - 130*	*11/20/24 07:01*	*12/14/24 14:43*	*50*
2-Fluorophenol (Surr)	*75*		*19 - 120*	*11/20/24 07:01*	*12/14/24 14:43*	*50*
Nitrobenzene-d5 (Surr)	*83*		*37 - 133*	*11/20/24 07:01*	*12/14/24 14:43*	*50*
Phenol-d5 (Surr)	*57*	*I*	*8 - 124*	*11/20/24 07:01*	*12/14/24 14:43*	*50*
p-Terphenyl-d14	*87*		*47 - 130*	*11/20/24 07:01*	*12/14/24 14:43*	*50*

Client Sample ID: MW-15

Date Collected: 11/13/24 11:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<6.44	U	10.0	6.44	ug/L			11/19/24 18:09	10
1,1,1-Trichloroethane	<5.85	U	50.0	5.85	ug/L			11/19/24 18:09	10
1,1,2,2-Tetrachloroethane	<4.70	U	10.0	4.70	ug/L			11/19/24 18:09	10
1,1,2-Trichloro-1,2,2-trifluoroethane	<11.1	U	100	11.1	ug/L			11/19/24 18:09	10
1,1,2-Trichloroethane	<4.11	U	10.0	4.11	ug/L			11/19/24 18:09	10
1,1-Dichloroethane	<6.35	U	10.0	6.35	ug/L			11/19/24 18:09	10
1,1-Dichloroethene	<7.38	U	10.0	7.38	ug/L			11/19/24 18:09	10
1,2,3-Trichloropropane	<4.70	U	10.0	4.70	ug/L			11/19/24 18:09	10
1,2,4-Trimethylbenzene	<4.17	U	10.0	4.17	ug/L			11/19/24 18:09	10
1,2-Dibromo-3-Chloropropane	<6.71	U	50.0	6.71	ug/L			11/19/24 18:09	10
1,2-Dibromoethane	<9.99	U	50.0	9.99	ug/L			11/19/24 18:09	10
1,2-Dichloroethane	<3.72	U	10.0	3.72	ug/L			11/19/24 18:09	10
1,2-Dichloropropane	<5.56	U	50.0	5.56	ug/L			11/19/24 18:09	10
1,3,5-Trimethylbenzene	<4.11	U	10.0	4.11	ug/L			11/19/24 18:09	10
1,3-Butadiene	<5.68	U	10.0	5.68	ug/L			11/19/24 18:09	10
2,2,4-Trimethylpentane	<5.00	U	50.0	5.00	ug/L			11/19/24 18:09	10
2-Butanone (MEK)	<82.8	U	500	82.8	ug/L			11/19/24 18:09	10
2-Hexanone (MBK)	<50.0	U	500	50.0	ug/L			11/19/24 18:09	10
2-Propanol	<52.3	U	100	52.3	ug/L			11/19/24 18:09	10
3-Chloropropene (Allyl Chloride)	<5.97	U	50.0	5.97	ug/L			11/19/24 18:09	10
4-Methyl-2-pentanone	<50.0	U	500	50.0	ug/L			11/19/24 18:09	10
Acetone	<30.7	U	1000	30.7	ug/L			11/19/24 18:09	10
Acetonitrile	<146	U	1000	146	ug/L			11/19/24 18:09	10
Acrolein	<111	U	500	111	ug/L			11/19/24 18:09	10
Acrylonitrile	<143	U	500	143	ug/L			11/19/24 18:09	10
alpha-Chlorotoluene	<22.6	U	50.0	22.6	ug/L			11/19/24 18:09	10
Benzene	<4.60	U	10.0	4.60	ug/L			11/19/24 18:09	10
Bromodichloromethane	<5.52	U	10.0	5.52	ug/L			11/19/24 18:09	10
Bromoform	<6.33	U	50.0	6.33	ug/L			11/19/24 18:09	10
Bromomethane	<14.2	U	50.0	14.2	ug/L			11/19/24 18:09	10
Carbon disulfide	<16.5	U	50.0	16.5	ug/L			11/19/24 18:09	10
Carbon tetrachloride	<8.96	U	50.0	8.96	ug/L			11/19/24 18:09	10
Chlorobenzene	<4.55	U	10.0	4.55	ug/L			11/19/24 18:09	10

Client Sample ID: MW-15

Date Collected: 11/13/24 11:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	<5.47	U	50.0	5.47	ug/L			11/19/24 18:09	10
Chloroethane	<19.8	U	100	19.8	ug/L			11/19/24 18:09	10
Chloroform	<4.64	U	10.0	4.64	ug/L			11/19/24 18:09	10
Chloromethane	<20.4	U	100	20.4	ug/L			11/19/24 18:09	10
Chloroprene	<5.98	U	50.0	5.98	ug/L			11/19/24 18:09	10
cis-1,2-Dichloroethene	<4.57	U	10.0	4.57	ug/L			11/19/24 18:09	10
cis-1,3-Dichloropropene	<10.7	U	50.0	10.7	ug/L			11/19/24 18:09	10
Cumene (isopropylbenzene)	<5.92	U	10.0	5.92	ug/L			11/19/24 18:09	10
Cyclohexane	<12.9	U	50.0	12.9	ug/L			11/19/24 18:09	10
Dibromomethane	<3.57	U	10.0	3.57	ug/L			11/19/24 18:09	10
Dichlorodifluoromethane	<7.85	U	10.0	7.85	ug/L			11/19/24 18:09	10
Ethyl methacrylate	<11.2	U	50.0	11.2	ug/L			11/19/24 18:09	10
Ethylbenzene	<3.85	U	10.0	3.85	ug/L			11/19/24 18:09	10
Hexane	<5.17	U	50.0	5.17	ug/L			11/19/24 18:09	10
Iodomethane	<50.0	U *+	200	50.0	ug/L			11/19/24 18:09	10
Isobutanol	<171	U	500	171	ug/L			11/19/24 18:09	10
Methacrylonitrile	<27.2	U	100	27.2	ug/L			11/19/24 18:09	10
Methyl methacrylate	<22.5	U	100	22.5	ug/L			11/19/24 18:09	10
Methyl tert-butyl ether	<13.9	U	50.0	13.9	ug/L			11/19/24 18:09	10
Methylene Chloride	<17.3	U	50.0	17.3	ug/L			11/19/24 18:09	10
Propionitrile	<33.4	U	100	33.4	ug/L			11/19/24 18:09	10
Propylbenzene	<4.29	U	10.0	4.29	ug/L			11/19/24 18:09	10
Styrene	<6.19	U	10.0	6.19	ug/L			11/19/24 18:09	10
Tetrachloroethene	<6.55	U	10.0	6.55	ug/L			11/19/24 18:09	10
Tetrahydrofuran	<18.3	U	100	18.3	ug/L			11/19/24 18:09	10
Toluene	<4.75	U	10.0	4.75	ug/L			11/19/24 18:09	10
trans-1,2-Dichloroethene	<3.68	U	10.0	3.68	ug/L			11/19/24 18:09	10
trans-1,3-Dichloropropene	<12.7	U	50.0	12.7	ug/L			11/19/24 18:09	10
trans-1,4-Dichloro-2-butene	<13.5	U	100	13.5	ug/L			11/19/24 18:09	10
Trichloroethene	<15.0	U	50.0	15.0	ug/L			11/19/24 18:09	10
Trichlorofluoromethane	<5.60	U	10.0	5.60	ug/L			11/19/24 18:09	10
Vinyl acetate	<21.4	U	200	21.4	ug/L			11/19/24 18:09	10
Vinyl chloride	<4.28	U	20.0	4.28	ug/L			11/19/24 18:09	10
Xylenes, Total	<12.4	U	100	12.4	ug/L			11/19/24 18:09	10
m,p-Xylenes	<0.0124	U	0.100	0.0124	mg/L			11/19/24 18:09	10
o-Xylene	<0.00502	U	0.0100	0.00502	mg/L			11/19/24 18:09	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*11/19/24 18:09*	*10*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*11/19/24 18:09*	*10*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/19/24 18:09*	*10*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/19/24 18:09*	*10*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0759	U	0.566	0.0759	ug/L		11/16/24 05:06	11/17/24 17:53	1
1,2-Dichlorobenzene	<0.0931	U	0.566	0.0931	ug/L		11/16/24 05:06	11/17/24 17:53	1
1,3-Dichlorobenzene	<0.101	U	0.566	0.101	ug/L		11/16/24 05:06	11/17/24 17:53	1
1,4-Dichlorobenzene	<0.0771	U	0.566	0.0771	ug/L		11/16/24 05:06	11/17/24 17:53	1
2,2'-oxybis[1-chloropropane]	<1.41	U	2.83	1.41	ug/L		11/16/24 05:06	11/17/24 17:53	1

Client Sample ID: MW-15
Date Collected: 11/13/24 11:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.142	U	0.566	0.142	ug/L		11/16/24 05:06	11/17/24 17:53	1
2,4,6-Trichlorophenol	<0.228	U	0.566	0.228	ug/L		11/16/24 05:06	11/17/24 17:53	1
2,4-Dichlorophenol	<0.139	U	0.566	0.139	ug/L		11/16/24 05:06	11/17/24 17:53	1
2,4-Dimethylphenol	<0.190	U *+	0.566	0.190	ug/L		11/16/24 05:06	11/17/24 17:53	1
2,4-Dinitrophenol	<0.103	U	2.83	0.103	ug/L		11/16/24 05:06	11/17/24 17:53	1
2,4-Dinitrotoluene	<0.203	U	0.566	0.203	ug/L		11/16/24 05:06	11/17/24 17:53	1
2,6-Dinitrotoluene	**0.488**	**J I**	0.566	0.115	ug/L		11/16/24 05:06	11/17/24 17:53	1
2-Chloronaphthalene	<0.374	U	0.566	0.374	ug/L		11/16/24 05:06	11/17/24 17:53	1
2-Methylnaphthalene	<0.0597	U	0.566	0.0597	ug/L		11/16/24 05:06	11/17/24 17:53	1
2-Methylphenol	<0.104	U	0.566	0.104	ug/L		11/16/24 05:06	11/17/24 17:53	1
2-Nitroaniline	<0.147	U	0.566	0.147	ug/L		11/16/24 05:06	11/17/24 17:53	1
2-Nitrophenol	<0.135	U	0.566	0.135	ug/L		11/16/24 05:06	11/17/24 17:53	1
3 & 4 Methylphenol	<0.138	U	0.566	0.138	ug/L		11/16/24 05:06	11/17/24 17:53	1
3-Nitroaniline	<0.0844	U	0.566	0.0844	ug/L		11/16/24 05:06	11/17/24 17:53	1
4,6-Dinitro-2-methylphenol	<0.199	U	1.13	0.199	ug/L		11/16/24 05:06	11/17/24 17:53	1
4-Bromophenyl phenyl ether	<0.0993	U *+	0.566	0.0993	ug/L		11/16/24 05:06	11/17/24 17:53	1
4-Chloro-3-methylphenol	<0.103	U	0.566	0.103	ug/L		11/16/24 05:06	11/17/24 17:53	1
4-Chloroaniline	<0.0382	U	0.566	0.0382	ug/L		11/16/24 05:06	11/17/24 17:53	1
4-Chlorophenyl phenyl ether	<0.129	U	0.566	0.129	ug/L		11/16/24 05:06	11/17/24 17:53	1
4-Nitroaniline	<0.108	U	0.566	0.108	ug/L		11/16/24 05:06	11/17/24 17:53	1
Acenaphthene	**0.108**	**J I**	0.566	0.106	ug/L		11/16/24 05:06	11/17/24 17:53	1
Acenaphthylene	<0.0987	U	0.566	0.0987	ug/L		11/16/24 05:06	11/17/24 17:53	1
Aniline	<0.0574	U	0.566	0.0574	ug/L		11/16/24 05:06	11/17/24 17:53	1
Anthracene	<0.0929	U	0.566	0.0929	ug/L		11/16/24 05:06	11/17/24 17:53	1
Benzo[a]anthracene	<0.0283	U *+	0.0283	0.0283	ug/L		11/16/24 05:06	11/17/24 17:53	1
Benzo[a]pyrene	<0.0297	U	0.0566	0.0297	ug/L		11/16/24 05:06	11/17/24 17:53	1
Benzo[b]fluoranthene	<0.0657	U	0.566	0.0657	ug/L		11/16/24 05:06	11/17/24 17:53	1
Benzo[g,h,i]perylene	<0.0342	U	0.566	0.0342	ug/L		11/16/24 05:06	11/17/24 17:53	1
Benzo[k]fluoranthene	<0.0468	U	0.566	0.0468	ug/L		11/16/24 05:06	11/17/24 17:53	1
Benzyl alcohol	<0.594	U *-	1.13	0.594	ug/L		11/16/24 05:06	11/17/24 17:53	1
Bis(2-chloroethoxy)methane	<0.0965	U	0.566	0.0965	ug/L		11/16/24 05:06	11/17/24 17:53	1
Bis(2-chloroethyl)ether	<0.212	U *+	0.566	0.212	ug/L		11/16/24 05:06	11/17/24 17:53	1
Bis(2-ethylhexyl) phthalate	<0.891	U	1.13	0.891	ug/L		11/16/24 05:06	11/17/24 17:53	1
Butyl benzyl phthalate	<0.495	U	1.13	0.495	ug/L		11/16/24 05:06	11/17/24 17:53	1
Chrysene	<0.0807	U *+	0.566	0.0807	ug/L		11/16/24 05:06	11/17/24 17:53	1
Dibenz(a,h)anthracene	<0.0504	U	0.113	0.0504	ug/L		11/16/24 05:06	11/17/24 17:53	1
Dibenzofuran	<0.105	U	0.566	0.105	ug/L		11/16/24 05:06	11/17/24 17:53	1
Diethyl phthalate	<0.153	U	1.13	0.153	ug/L		11/16/24 05:06	11/17/24 17:53	1
Dimethyl phthalate	<0.107	U	1.13	0.107	ug/L		11/16/24 05:06	11/17/24 17:53	1
Di-n-butyl phthalate	<0.757	U	1.13	0.757	ug/L		11/16/24 05:06	11/17/24 17:53	1
Di-n-octyl phthalate	<0.266	U	1.13	0.266	ug/L		11/16/24 05:06	11/17/24 17:53	1
Fluoranthene	<0.0874	U	0.566	0.0874	ug/L		11/16/24 05:06	11/17/24 17:53	1
Fluorene	<0.0939	U	0.566	0.0939	ug/L		11/16/24 05:06	11/17/24 17:53	1
Hexachlorobenzene	<0.0965	U	0.566	0.0965	ug/L		11/16/24 05:06	11/17/24 17:53	1
Hexachlorobutadiene	<0.102	U	0.566	0.102	ug/L		11/16/24 05:06	11/17/24 17:53	1
Hexachlorocyclopentadiene	<0.0507	U	0.566	0.0507	ug/L		11/16/24 05:06	11/17/24 17:53	1
Hexachloroethane	<0.101	U	0.566	0.101	ug/L		11/16/24 05:06	11/17/24 17:53	1
Indeno[1,2,3-cd]pyrene	<0.0990	U	0.566	0.0990	ug/L		11/16/24 05:06	11/17/24 17:53	1
Isophorone	<0.105	U	0.566	0.105	ug/L		11/16/24 05:06	11/17/24 17:53	1

Client Sample ID: MW-15
Lab Sample ID: 860-87121-4
Date Collected: 11/13/24 11:00
Matrix: Water
Date Received: 11/15/24 09:56

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.0935	U	0.566	0.0935	ug/L		11/16/24 05:06	11/17/24 17:53	1
Nitrobenzene	<0.0729	U	0.566	0.0729	ug/L		11/16/24 05:06	11/17/24 17:53	1
N-Nitrosodi-n-propylamine	<0.117	U	0.566	0.117	ug/L		11/16/24 05:06	11/17/24 17:53	1
N-Nitrosodiphenylamine	<0.143	U *+	0.566	0.143	ug/L		11/16/24 05:06	11/17/24 17:53	1
Pentachlorophenol	<1.03	U	1.13	1.03	ug/L		11/16/24 05:06	11/17/24 17:53	1
Phenanthrene	<0.133	U *+	0.566	0.133	ug/L		11/16/24 05:06	11/17/24 17:53	1
Phenol	<1.13	U	1.13	1.13	ug/L		11/16/24 05:06	11/17/24 17:53	1
Pyrene	<0.0840	U	0.566	0.0840	ug/L		11/16/24 05:06	11/17/24 17:53	1
Pyridine	<1.42	U	2.83	1.42	ug/L		11/16/24 05:06	11/17/24 17:53	1
N-Nitro-o-toluidine	<0.515	U	1.13	0.515	ug/L		11/16/24 05:06	11/17/24 17:53	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.566	0.209	ug/L		11/16/24 05:06	11/17/24 17:53	1
Acetophenone	<0.618	U	1.13	0.618	ug/L		11/16/24 05:06	11/17/24 17:53	1
N-Nitrosopiperidine	<0.463	U	1.13	0.463	ug/L		11/16/24 05:06	11/17/24 17:53	1
Pentachlorobenzene	<0.263	U	0.566	0.263	ug/L		11/16/24 05:06	11/17/24 17:53	1
Diphenyl ether	**2.11**		0.566	0.0901	ug/L		11/16/24 05:06	11/17/24 17:53	1
1,1'-Biphenyl	<0.0972	U	0.566	0.0972	ug/L		11/16/24 05:06	11/17/24 17:53	1
4-Aminobiphenyl	<0.390	U	0.566	0.390	ug/L		11/16/24 05:06	11/17/24 17:53	1
1,2,4,5-Tetrachlorobenzene	<0.0948	U	0.566	0.0948	ug/L		11/16/24 05:06	11/17/24 17:53	1
1,3,5-Trinitrobenzene	<0.118	U	0.566	0.118	ug/L		11/16/24 05:06	11/17/24 17:53	1
1,3-Dinitrobenzene	<0.0765	U	0.566	0.0765	ug/L		11/16/24 05:06	11/17/24 17:53	1
1,4-Naphthoquinone	<0.311	U	0.566	0.311	ug/L		11/16/24 05:06	11/17/24 17:53	1
1-Naphthylamine	<0.147	U *-	0.566	0.147	ug/L		11/16/24 05:06	11/17/24 17:53	1
2,6-Dichlorophenol	<0.117	U	0.566	0.117	ug/L		11/16/24 05:06	11/17/24 17:53	1
2-Acetylaminofluorene	<1.25	U	2.83	1.25	ug/L		11/16/24 05:06	11/17/24 17:53	1
2-Chlorophenol	<0.0749	U	0.566	0.0749	ug/L		11/16/24 05:06	11/17/24 17:53	1
2-Naphthylamine	<0.285	U	0.566	0.285	ug/L		11/16/24 05:06	11/17/24 17:53	1
2-Picoline	<0.121	U	0.566	0.121	ug/L		11/16/24 05:06	11/17/24 17:53	1
2-Toluidine	<0.303	U	0.566	0.303	ug/L		11/16/24 05:06	11/17/24 17:53	1
3,3'-Dichlorobenzidine	<0.181	U	0.566	0.181	ug/L		11/16/24 05:06	11/17/24 17:53	1
3,3'-Dimethylbenzidine	<0.140	U	0.566	0.140	ug/L		11/16/24 05:06	11/17/24 17:53	1
3-Methylcholanthrene	<0.103	U	0.566	0.103	ug/L		11/16/24 05:06	11/17/24 17:53	1
4-Nitroquinoline-1-oxide	<0.723	U	1.13	0.723	ug/L		11/16/24 05:06	11/17/24 17:53	1
7,12-Dimethylbenz(a)anthracene	<0.239	U	0.566	0.239	ug/L		11/16/24 05:06	11/17/24 17:53	1
alpha,alpha-Dimethyl phenethylamine	<3.63	U *-	5.66	3.63	ug/L		11/16/24 05:06	11/17/24 17:53	1
Aramite Peak 1	<0.0777	U *+	0.566	0.0777	ug/L		11/16/24 05:06	11/17/24 17:53	1
Aramite Peak 2	<0.0944	U	0.566	0.0944	ug/L		11/16/24 05:06	11/17/24 17:53	1
Aramite, Total	<0.0944	U	0.566	0.0944	ug/L		11/16/24 05:06	11/17/24 17:53	1
Diallate	<0.0827	U	0.566	0.0827	ug/L		11/16/24 05:06	11/17/24 17:53	1
Diallate Peak 1	<0.0827	U *+	0.566	0.0827	ug/L		11/16/24 05:06	11/17/24 17:53	1
Diallate Peak 2	<0.0381	U	0.566	0.0381	ug/L		11/16/24 05:06	11/17/24 17:53	1
Dimethoate	<0.120	U *+	0.566	0.120	ug/L		11/16/24 05:06	11/17/24 17:53	1
Dinoseb	<0.564	U *+	2.83	0.564	ug/L		11/16/24 05:06	11/17/24 17:53	1
Disulfoton	<0.201	U *+	0.566	0.201	ug/L		11/16/24 05:06	11/17/24 17:53	1
Ethyl methanesulfonate	<0.224	U	0.566	0.224	ug/L		11/16/24 05:06	11/17/24 17:53	1
Ethyl Parathion	<0.0497	U *+	0.226	0.0497	ug/L		11/16/24 05:06	11/17/24 17:53	1
Famphur	<0.149	U *+	1.13	0.149	ug/L		11/16/24 05:06	11/17/24 17:53	1
Hexachloropropene	<0.297	U *-	0.566	0.297	ug/L		11/16/24 05:06	11/17/24 17:53	1
Isosafrole	<0.238	U	0.566	0.238	ug/L		11/16/24 05:06	11/17/24 17:53	1
Isosafrole Peak 1	<0.0459	U	0.566	0.0459	ug/L		11/16/24 05:06	11/17/24 17:53	1

Client Sample ID: MW-15
Date Collected: 11/13/24 11:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isosafrole Peak 2	<0.238	U	0.566	0.238	ug/L		11/16/24 05:06	11/17/24 17:53	1
Methapyrilene	<0.990	U *+	2.26	0.990	ug/L		11/16/24 05:06	11/17/24 17:53	1
Methyl methanesulfonate	<0.119	U	0.566	0.119	ug/L		11/16/24 05:06	11/17/24 17:53	1
Methyl parathion	<0.316	U *+	0.566	0.316	ug/L		11/16/24 05:06	11/17/24 17:53	1
N-Nitrosodiethylamine	<0.533	U	1.13	0.533	ug/L		11/16/24 05:06	11/17/24 17:53	1
N-Nitrosodimethylamine	<0.0990	U *-	0.566	0.0990	ug/L		11/16/24 05:06	11/17/24 17:53	1
N-Nitrosodi-n-butylamine	<0.510	U	1.13	0.510	ug/L		11/16/24 05:06	11/17/24 17:53	1
N-Nitrosomethylethylamine	<0.291	U	0.566	0.291	ug/L		11/16/24 05:06	11/17/24 17:53	1
N-Nitrosomorpholine	<0.218	U	0.566	0.218	ug/L		11/16/24 05:06	11/17/24 17:53	1
N-Nitrosopyrrolidine	<0.265	U *-	0.566	0.265	ug/L		11/16/24 05:06	11/17/24 17:53	1
p-Dimethylamino azobenzene	<0.0235	U	0.566	0.0235	ug/L		11/16/24 05:06	11/17/24 17:53	1
Pentachloronitrobenzene	<0.0990	U *+	0.566	0.0990	ug/L		11/16/24 05:06	11/17/24 17:53	1
Phenacetin	<0.0990	U	0.566	0.0990	ug/L		11/16/24 05:06	11/17/24 17:53	1
Phorate	<0.219	U *+	0.566	0.219	ug/L		11/16/24 05:06	11/17/24 17:53	1
p-Phenylene diamine	<0.495	U *-	1.13	0.495	ug/L		11/16/24 05:06	11/17/24 17:53	1
Pronamide	<0.0990	U *+	0.566	0.0990	ug/L		11/16/24 05:06	11/17/24 17:53	1
Safrole, Total	<0.0565	U	0.566	0.0565	ug/L		11/16/24 05:06	11/17/24 17:53	1
Sulfotepp	<0.145	U *+	0.566	0.145	ug/L		11/16/24 05:06	11/17/24 17:53	1
Thionazin	<0.206	U *+	1.13	0.206	ug/L		11/16/24 05:06	11/17/24 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*121*		*35 - 130*	*11/16/24 05:06*	*11/17/24 17:53*	*1*
2-Fluorobiphenyl	*83*		*43 - 130*	*11/16/24 05:06*	*11/17/24 17:53*	*1*
2-Fluorophenol (Surr)	*74*		*19 - 120*	*11/16/24 05:06*	*11/17/24 17:53*	*1*
Nitrobenzene-d5 (Surr)	*113*		*37 - 133*	*11/16/24 05:06*	*11/17/24 17:53*	*1*
Phenol-d5 (Surr)	*44*		*8 - 124*	*11/16/24 05:06*	*11/17/24 17:53*	*1*
p-Terphenyl-d14	*90*		*47 - 130*	*11/16/24 05:06*	*11/17/24 17:53*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1120**		56.6	8.81	ug/L		11/16/24 05:06	12/14/24 12:11	100
o,o',o''-Triethylphosphorothioate	**65.1**	*+	56.6	13.7	ug/L		11/16/24 05:06	12/14/24 12:11	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*304*	*I S1+*	*35 - 130*	*11/16/24 05:06*	*12/14/24 12:11*	*100*
2-Fluorobiphenyl	*107*		*43 - 130*	*11/16/24 05:06*	*12/14/24 12:11*	*100*
2-Fluorophenol (Surr)	*106*	*I*	*19 - 120*	*11/16/24 05:06*	*12/14/24 12:11*	*100*
Nitrobenzene-d5 (Surr)	*173*	*S1+*	*37 - 133*	*11/16/24 05:06*	*12/14/24 12:11*	*100*
Phenol-d5 (Surr)	*98*		*8 - 124*	*11/16/24 05:06*	*12/14/24 12:11*	*100*
p-Terphenyl-d14	*183*	*S1+*	*47 - 130*	*11/16/24 05:06*	*12/14/24 12:11*	*100*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<7.57	U	56.4	7.57	ug/L		11/20/24 07:01	12/14/24 15:13	100
1,2-Dichlorobenzene	<9.29	U	56.4	9.29	ug/L		11/20/24 07:01	12/14/24 15:13	100
1,3-Dichlorobenzene	<10.0	U	56.4	10.0	ug/L		11/20/24 07:01	12/14/24 15:13	100
1,4-Dichlorobenzene	<7.69	U	56.4	7.69	ug/L		11/20/24 07:01	12/14/24 15:13	100
2,2'-oxybis[1-chloropropane]	<141	U	282	141	ug/L		11/20/24 07:01	12/14/24 15:13	100
2,4,5-Trichlorophenol	<14.1	U *+	56.4	14.1	ug/L		11/20/24 07:01	12/14/24 15:13	100
2,4,6-Trichlorophenol	<22.8	U *+	56.4	22.8	ug/L		11/20/24 07:01	12/14/24 15:13	100

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87121-1

Client Sample ID: MW-15
Date Collected: 11/13/24 11:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	<13.8	U	56.4	13.8	ug/L		11/20/24 07:01	12/14/24 15:13	100
2,4-Dimethylphenol	<19.0	U *+	56.4	19.0	ug/L		11/20/24 07:01	12/14/24 15:13	100
1,4-Dioxane	**788**		56.4	8.79	ug/L		11/20/24 07:01	12/14/24 15:13	100
2,4-Dinitrophenol	<10.3	U	282	10.3	ug/L		11/20/24 07:01	12/14/24 15:13	100
2,4-Dinitrotoluene	<20.2	U *+	56.4	20.2	ug/L		11/20/24 07:01	12/14/24 15:13	100
2,6-Dinitrotoluene	<11.5	U	56.4	11.5	ug/L		11/20/24 07:01	12/14/24 15:13	100
2-Chloronaphthalene	<37.3	U	56.4	37.3	ug/L		11/20/24 07:01	12/14/24 15:13	100
2-Methylnaphthalene	<5.95	U	56.4	5.95	ug/L		11/20/24 07:01	12/14/24 15:13	100
2-Methylphenol	<10.3	U	56.4	10.3	ug/L		11/20/24 07:01	12/14/24 15:13	100
2-Nitroaniline	<14.7	U *+	56.4	14.7	ug/L		11/20/24 07:01	12/14/24 15:13	100
2-Nitrophenol	<13.4	U	56.4	13.4	ug/L		11/20/24 07:01	12/14/24 15:13	100
3 & 4 Methylphenol	<13.7	U	56.4	13.7	ug/L		11/20/24 07:01	12/14/24 15:13	100
3-Nitroaniline	<8.42	U	56.4	8.42	ug/L		11/20/24 07:01	12/14/24 15:13	100
4,6-Dinitro-2-methylphenol	<19.9	U	113	19.9	ug/L		11/20/24 07:01	12/14/24 15:13	100
4-Bromophenyl phenyl ether	<9.90	U *+	56.4	9.90	ug/L		11/20/24 07:01	12/14/24 15:13	100
4-Chloro-3-methylphenol	<10.2	U	56.4	10.2	ug/L		11/20/24 07:01	12/14/24 15:13	100
4-Chloroaniline	<3.81	U	56.4	3.81	ug/L		11/20/24 07:01	12/14/24 15:13	100
4-Chlorophenyl phenyl ether	<12.9	U	56.4	12.9	ug/L		11/20/24 07:01	12/14/24 15:13	100
4-Nitroaniline	<10.7	U	56.4	10.7	ug/L		11/20/24 07:01	12/14/24 15:13	100
Acenaphthene	<10.6	U	56.4	10.6	ug/L		11/20/24 07:01	12/14/24 15:13	100
Acenaphthylene	<9.84	U	56.4	9.84	ug/L		11/20/24 07:01	12/14/24 15:13	100
Aniline	<5.72	U	56.4	5.72	ug/L		11/20/24 07:01	12/14/24 15:13	100
Anthracene	<9.26	U	56.4	9.26	ug/L		11/20/24 07:01	12/14/24 15:13	100
Benzo[a]anthracene	<2.82	U *+	2.82	2.82	ug/L		11/20/24 07:01	12/14/24 15:13	100
Benzo[a]pyrene	<2.96	U	5.64	2.96	ug/L		11/20/24 07:01	12/14/24 15:13	100
Benzo[b]fluoranthene	<6.55	U *+	56.4	6.55	ug/L		11/20/24 07:01	12/14/24 15:13	100
Benzo[g,h,i]perylene	<3.41	U	56.4	3.41	ug/L		11/20/24 07:01	12/14/24 15:13	100
Benzo[k]fluoranthene	<4.67	U *+	56.4	4.67	ug/L		11/20/24 07:01	12/14/24 15:13	100
Benzyl alcohol	<59.2	U	113	59.2	ug/L		11/20/24 07:01	12/14/24 15:13	100
Bis(2-chloroethoxy)methane	<9.62	U	56.4	9.62	ug/L		11/20/24 07:01	12/14/24 15:13	100
Bis(2-chloroethyl)ether	<21.2	U *+	56.4	21.2	ug/L		11/20/24 07:01	12/14/24 15:13	100
Bis(2-ethylhexyl) phthalate	<88.9	U *+	113	88.9	ug/L		11/20/24 07:01	12/14/24 15:13	100
Butyl benzyl phthalate	<49.4	U	113	49.4	ug/L		11/20/24 07:01	12/14/24 15:13	100
Chrysene	<8.05	U *+	56.4	8.05	ug/L		11/20/24 07:01	12/14/24 15:13	100
Dibenz(a,h)anthracene	<5.02	U	11.3	5.02	ug/L		11/20/24 07:01	12/14/24 15:13	100
Dibenzofuran	<10.5	U *+	56.4	10.5	ug/L		11/20/24 07:01	12/14/24 15:13	100
Diethyl phthalate	<15.3	U *+	113	15.3	ug/L		11/20/24 07:01	12/14/24 15:13	100
Dimethyl phthalate	<10.7	U	113	10.7	ug/L		11/20/24 07:01	12/14/24 15:13	100
Di-n-butyl phthalate	<75.5	U *+	113	75.5	ug/L		11/20/24 07:01	12/14/24 15:13	100
Di-n-octyl phthalate	<26.6	U *+ *1	113	26.6	ug/L		11/20/24 07:01	12/14/24 15:13	100
Fluoranthene	<8.72	U *+	56.4	8.72	ug/L		11/20/24 07:01	12/14/24 15:13	100
Fluorene	<9.36	U	56.4	9.36	ug/L		11/20/24 07:01	12/14/24 15:13	100
Hexachlorobenzene	<9.62	U	56.4	9.62	ug/L		11/20/24 07:01	12/14/24 15:13	100
Hexachlorobutadiene	<10.1	U	56.4	10.1	ug/L		11/20/24 07:01	12/14/24 15:13	100
Hexachlorocyclopentadiene	<5.06	U	56.4	5.06	ug/L		11/20/24 07:01	12/14/24 15:13	100
Hexachloroethane	<10.1	U	56.4	10.1	ug/L		11/20/24 07:01	12/14/24 15:13	100
Indeno[1,2,3-cd]pyrene	<9.87	U	56.4	9.87	ug/L		11/20/24 07:01	12/14/24 15:13	100
Isophorone	<10.5	U	56.4	10.5	ug/L		11/20/24 07:01	12/14/24 15:13	100
Naphthalene	<9.32	U	56.4	9.32	ug/L		11/20/24 07:01	12/14/24 15:13	100

Client Sample ID: MW-15
Date Collected: 11/13/24 11:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	<7.27	U	56.4	7.27	ug/L		11/20/24 07:01	12/14/24 15:13	100
N-Nitrosodi-n-propylamine	<11.7	U	56.4	11.7	ug/L		11/20/24 07:01	12/14/24 15:13	100
N-Nitrosodiphenylamine	<14.3	U *+	56.4	14.3	ug/L		11/20/24 07:01	12/14/24 15:13	100
Pentachlorophenol	<103	U	113	103	ug/L		11/20/24 07:01	12/14/24 15:13	100
Phenanthrene	<13.2	U	56.4	13.2	ug/L		11/20/24 07:01	12/14/24 15:13	100
Phenol	<113	U *1	113	113	ug/L		11/20/24 07:01	12/14/24 15:13	100
Pyrene	<8.38	U *+	56.4	8.38	ug/L		11/20/24 07:01	12/14/24 15:13	100
Pyridine	<142	U	282	142	ug/L		11/20/24 07:01	12/14/24 15:13	100
N-Nitro-o-toluidine	<51.4	U	113	51.4	ug/L		11/20/24 07:01	12/14/24 15:13	100
2,3,4,6-Tetrachlorophenol	<20.8	U *+	56.4	20.8	ug/L		11/20/24 07:01	12/14/24 15:13	100
Acetophenone	<61.6	U *+	113	61.6	ug/L		11/20/24 07:01	12/14/24 15:13	100
N-Nitrosopiperidine	<46.1	U	113	46.1	ug/L		11/20/24 07:01	12/14/24 15:13	100
Pentachlorobenzene	<26.3	U	56.4	26.3	ug/L		11/20/24 07:01	12/14/24 15:13	100
Diphenyl ether	**23.9**	**J**	56.4	8.98	ug/L		11/20/24 07:01	12/14/24 15:13	100
1,1'-Biphenyl	<9.69	U	56.4	9.69	ug/L		11/20/24 07:01	12/14/24 15:13	100
4-Aminobiphenyl	<38.9	U	56.4	38.9	ug/L		11/20/24 07:01	12/14/24 15:13	100
1,2,4,5-Tetrachlorobenzene	<9.45	U	56.4	9.45	ug/L		11/20/24 07:01	12/14/24 15:13	100
1,3,5-Trinitrobenzene	<11.7	U	56.4	11.7	ug/L		11/20/24 07:01	12/14/24 15:13	100
1,3-Dinitrobenzene	<7.63	U	56.4	7.63	ug/L		11/20/24 07:01	12/14/24 15:13	100
1,4-Naphthoquinone	<31.0	U	56.4	31.0	ug/L		11/20/24 07:01	12/14/24 15:13	100
1-Naphthylamine	<14.7	U	56.4	14.7	ug/L		11/20/24 07:01	12/14/24 15:13	100
2,6-Dichlorophenol	<11.7	U	56.4	11.7	ug/L		11/20/24 07:01	12/14/24 15:13	100
2-Acetylaminofluorene	<125	U *+	282	125	ug/L		11/20/24 07:01	12/14/24 15:13	100
2-Chlorophenol	<7.47	U	56.4	7.47	ug/L		11/20/24 07:01	12/14/24 15:13	100
2-Naphthylamine	<28.4	U	56.4	28.4	ug/L		11/20/24 07:01	12/14/24 15:13	100
2-Picoline	<12.1	U	56.4	12.1	ug/L		11/20/24 07:01	12/14/24 15:13	100
2-Toluidine	<30.2	U *- *1	56.4	30.2	ug/L		11/20/24 07:01	12/14/24 15:13	100
3,3'-Dichlorobenzidine	<18.1	U	56.4	18.1	ug/L		11/20/24 07:01	12/14/24 15:13	100
3,3'-Dimethylbenzidine	<14.0	U	56.4	14.0	ug/L		11/20/24 07:01	12/14/24 15:13	100
3-Methylcholanthrene	<10.3	U	56.4	10.3	ug/L		11/20/24 07:01	12/14/24 15:13	100
4-Nitroquinoline-1-oxide	<72.1	U	113	72.1	ug/L		11/20/24 07:01	12/14/24 15:13	100
7,12-Dimethylbenz(a)anthracene	<23.8	U *+	56.4	23.8	ug/L		11/20/24 07:01	12/14/24 15:13	100
alpha,alpha-Dimethyl phenethylamine	<362	U *-	564	362	ug/L		11/20/24 07:01	12/14/24 15:13	100
Aramite Peak 1	<7.75	U *+	56.4	7.75	ug/L		11/20/24 07:01	12/14/24 15:13	100
Aramite Peak 2	<9.41	U *+	56.4	9.41	ug/L		11/20/24 07:01	12/14/24 15:13	100
Aramite, Total	<9.41	U	56.4	9.41	ug/L		11/20/24 07:01	12/14/24 15:13	100
Diallate	<8.24	U	56.4	8.24	ug/L		11/20/24 07:01	12/14/24 15:13	100
Diallate Peak 1	<8.24	U *+	56.4	8.24	ug/L		11/20/24 07:01	12/14/24 15:13	100
Diallate Peak 2	<3.80	U	56.4	3.80	ug/L		11/20/24 07:01	12/14/24 15:13	100
Dimethoate	<12.0	U *+	56.4	12.0	ug/L		11/20/24 07:01	12/14/24 15:13	100
Dinoseb	<56.2	U *+	282	56.2	ug/L		11/20/24 07:01	12/14/24 15:13	100
Disulfoton	<20.0	U *+	56.4	20.0	ug/L		11/20/24 07:01	12/14/24 15:13	100
Ethyl methanesulfonate	<22.4	U	56.4	22.4	ug/L		11/20/24 07:01	12/14/24 15:13	100
Ethyl Parathion	<4.96	U *+	22.6	4.96	ug/L		11/20/24 07:01	12/14/24 15:13	100
Famphur	<14.9	U *+	113	14.9	ug/L		11/20/24 07:01	12/14/24 15:13	100
Hexachloropropene	<29.6	U *-	56.4	29.6	ug/L		11/20/24 07:01	12/14/24 15:13	100
Isosafrole	<23.8	U	56.4	23.8	ug/L		11/20/24 07:01	12/14/24 15:13	100
Isosafrole Peak 1	<4.58	U	56.4	4.58	ug/L		11/20/24 07:01	12/14/24 15:13	100
Isosafrole Peak 2	<23.8	U	56.4	23.8	ug/L		11/20/24 07:01	12/14/24 15:13	100

Client Sample ID: MW-15

Date Collected: 11/13/24 11:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methapyrilene	<98.7	U *+	226	98.7	ug/L		11/20/24 07:01	12/14/24 15:13	100
Methyl methanesulfonate	<11.8	U	56.4	11.8	ug/L		11/20/24 07:01	12/14/24 15:13	100
Methyl parathion	<31.5	U *+	56.4	31.5	ug/L		11/20/24 07:01	12/14/24 15:13	100
N-Nitrosodiethylamine	<53.2	U	113	53.2	ug/L		11/20/24 07:01	12/14/24 15:13	100
N-Nitrosodimethylamine	<9.87	U *-	56.4	9.87	ug/L		11/20/24 07:01	12/14/24 15:13	100
N-Nitrosodi-n-butylamine	<50.9	U *+	113	50.9	ug/L		11/20/24 07:01	12/14/24 15:13	100
N-Nitrosomethylethylamine	<29.0	U	56.4	29.0	ug/L		11/20/24 07:01	12/14/24 15:13	100
N-Nitrosomorpholine	<21.7	U	56.4	21.7	ug/L		11/20/24 07:01	12/14/24 15:13	100
N-Nitrosopyrrolidine	<26.4	U	56.4	26.4	ug/L		11/20/24 07:01	12/14/24 15:13	100
o,o',o''-Triethylphosphorothioate	**27.2**	**J *+**	56.4	13.7	ug/L		11/20/24 07:01	12/14/24 15:13	100
p-Dimethylamino azobenzene	<2.35	U *+	56.4	2.35	ug/L		11/20/24 07:01	12/14/24 15:13	100
Pentachloronitrobenzene	<9.87	U *+	56.4	9.87	ug/L		11/20/24 07:01	12/14/24 15:13	100
Phenacetin	<9.87	U *+	56.4	9.87	ug/L		11/20/24 07:01	12/14/24 15:13	100
Phorate	<21.9	U *+	56.4	21.9	ug/L		11/20/24 07:01	12/14/24 15:13	100
p-Phenylene diamine	<49.4	U *-	113	49.4	ug/L		11/20/24 07:01	12/14/24 15:13	100
Pronamide	<9.87	U *+	56.4	9.87	ug/L		11/20/24 07:01	12/14/24 15:13	100
Safrole, Total	<5.64	U	56.4	5.64	ug/L		11/20/24 07:01	12/14/24 15:13	100
Sulfotepp	<14.5	U *+	56.4	14.5	ug/L		11/20/24 07:01	12/14/24 15:13	100
Thionazin	<20.5	U *+	113	20.5	ug/L		11/20/24 07:01	12/14/24 15:13	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*224*	*I S1+*	*35 - 130*	*11/20/24 07:01*	*12/14/24 15:13*	*100*
2-Fluorobiphenyl	*40*	*S1- I*	*43 - 130*	*11/20/24 07:01*	*12/14/24 15:13*	*100*
2-Fluorophenol (Surr)	*69*		*19 - 120*	*11/20/24 07:01*	*12/14/24 15:13*	*100*
Nitrobenzene-d5 (Surr)	*74*		*37 - 133*	*11/20/24 07:01*	*12/14/24 15:13*	*100*
Phenol-d5 (Surr)	*59*		*8 - 124*	*11/20/24 07:01*	*12/14/24 15:13*	*100*
p-Terphenyl-d14	*65*	*I*	*47 - 130*	*11/20/24 07:01*	*12/14/24 15:13*	*100*

Client Sample ID: MW-12

Date Collected: 11/14/24 07:17
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/19/24 15:46	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/19/24 15:46	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/19/24 15:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/19/24 15:46	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/19/24 15:46	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/19/24 15:46	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/19/24 15:46	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/19/24 15:46	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/19/24 15:46	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/19/24 15:46	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/19/24 15:46	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/19/24 15:46	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/19/24 15:46	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/19/24 15:46	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/19/24 15:46	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/19/24 15:46	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87121-1

Client Sample ID: MW-12
Date Collected: 11/14/24 07:17
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/19/24 15:46	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/19/24 15:46	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/19/24 15:46	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/19/24 15:46	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/19/24 15:46	1
Acetone	**18.4**	**J**	100	3.07	ug/L			11/19/24 15:46	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/19/24 15:46	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/19/24 15:46	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/19/24 15:46	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/19/24 15:46	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/19/24 15:46	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/19/24 15:46	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/19/24 15:46	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/19/24 15:46	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/19/24 15:46	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/19/24 15:46	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/19/24 15:46	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/19/24 15:46	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/19/24 15:46	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/19/24 15:46	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/19/24 15:46	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/19/24 15:46	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/19/24 15:46	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/19/24 15:46	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/19/24 15:46	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/19/24 15:46	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/19/24 15:46	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/19/24 15:46	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/19/24 15:46	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/19/24 15:46	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/19/24 15:46	1
Iodomethane	<5.00	U *+	20.0	5.00	ug/L			11/19/24 15:46	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/19/24 15:46	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/19/24 15:46	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/19/24 15:46	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/19/24 15:46	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/19/24 15:46	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/19/24 15:46	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/19/24 15:46	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/19/24 15:46	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/19/24 15:46	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/19/24 15:46	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/19/24 15:46	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/19/24 15:46	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/19/24 15:46	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/19/24 15:46	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/19/24 15:46	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/19/24 15:46	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/19/24 15:46	1

Client Sample ID: MW-12
Date Collected: 11/14/24 07:17
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/19/24 15:46	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/19/24 15:46	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/19/24 15:46	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/19/24 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*11/19/24 15:46*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*11/19/24 15:46*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*11/19/24 15:46*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/19/24 15:46*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0764	U	0.570	0.0764	ug/L		11/16/24 05:06	11/17/24 18:24	1
1,2-Dichlorobenzene	<0.0938	U	0.570	0.0938	ug/L		11/16/24 05:06	11/17/24 18:24	1
1,3-Dichlorobenzene	<0.101	U	0.570	0.101	ug/L		11/16/24 05:06	11/17/24 18:24	1
1,4-Dichlorobenzene	<0.0777	U	0.570	0.0777	ug/L		11/16/24 05:06	11/17/24 18:24	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.85	1.42	ug/L		11/16/24 05:06	11/17/24 18:24	1
2,4,5-Trichlorophenol	<0.143	U	0.570	0.143	ug/L		11/16/24 05:06	11/17/24 18:24	1
2,4,6-Trichlorophenol	<0.230	U	0.570	0.230	ug/L		11/16/24 05:06	11/17/24 18:24	1
2,4-Dichlorophenol	<0.140	U	0.570	0.140	ug/L		11/16/24 05:06	11/17/24 18:24	1
2,4-Dimethylphenol	<0.192	U *+	0.570	0.192	ug/L		11/16/24 05:06	11/17/24 18:24	1
1,4-Dioxane	<0.0887	U	0.570	0.0887	ug/L		11/16/24 05:06	11/17/24 18:24	1
2,4-Dinitrophenol	<0.104	U	2.85	0.104	ug/L		11/16/24 05:06	11/17/24 18:24	1
2,4-Dinitrotoluene	<0.204	U	0.570	0.204	ug/L		11/16/24 05:06	11/17/24 18:24	1
2,6-Dinitrotoluene	<0.116	U	0.570	0.116	ug/L		11/16/24 05:06	11/17/24 18:24	1
2-Chloronaphthalene	<0.377	U	0.570	0.377	ug/L		11/16/24 05:06	11/17/24 18:24	1
2-Methylnaphthalene	<0.0601	U	0.570	0.0601	ug/L		11/16/24 05:06	11/17/24 18:24	1
2-Methylphenol	<0.104	U	0.570	0.104	ug/L		11/16/24 05:06	11/17/24 18:24	1
2-Nitroaniline	<0.149	U	0.570	0.149	ug/L		11/16/24 05:06	11/17/24 18:24	1
2-Nitrophenol	<0.136	U	0.570	0.136	ug/L		11/16/24 05:06	11/17/24 18:24	1
3 & 4 Methylphenol	<0.138	U	0.570	0.138	ug/L		11/16/24 05:06	11/17/24 18:24	1
3-Nitroaniline	<0.0850	U	0.570	0.0850	ug/L		11/16/24 05:06	11/17/24 18:24	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/16/24 05:06	11/17/24 18:24	1
4-Bromophenyl phenyl ether	<0.100	U *+	0.570	0.100	ug/L		11/16/24 05:06	11/17/24 18:24	1
4-Chloro-3-methylphenol	<0.103	U	0.570	0.103	ug/L		11/16/24 05:06	11/17/24 18:24	1
4-Chloroaniline	<0.0384	U	0.570	0.0384	ug/L		11/16/24 05:06	11/17/24 18:24	1
4-Chlorophenyl phenyl ether	<0.130	U	0.570	0.130	ug/L		11/16/24 05:06	11/17/24 18:24	1
4-Nitroaniline	<0.108	U	0.570	0.108	ug/L		11/16/24 05:06	11/17/24 18:24	1
Acenaphthene	<0.107	U	0.570	0.107	ug/L		11/16/24 05:06	11/17/24 18:24	1
Acenaphthylene	<0.0994	U	0.570	0.0994	ug/L		11/16/24 05:06	11/17/24 18:24	1
Aniline	<0.0578	U	0.570	0.0578	ug/L		11/16/24 05:06	11/17/24 18:24	1
Anthracene	<0.0935	U	0.570	0.0935	ug/L		11/16/24 05:06	11/17/24 18:24	1
Benzo[a]anthracene	<0.0285	U *+	0.0285	0.0285	ug/L		11/16/24 05:06	11/17/24 18:24	1
Benzo[a]pyrene	<0.0299	U	0.0570	0.0299	ug/L		11/16/24 05:06	11/17/24 18:24	1
Benzo[b]fluoranthene	<0.0662	U	0.570	0.0662	ug/L		11/16/24 05:06	11/17/24 18:24	1
Benzo[g,h,i]perylene	<0.0344	U	0.570	0.0344	ug/L		11/16/24 05:06	11/17/24 18:24	1
Benzo[k]fluoranthene	<0.0471	U	0.570	0.0471	ug/L		11/16/24 05:06	11/17/24 18:24	1
Benzyl alcohol	<0.598	U *-	1.14	0.598	ug/L		11/16/24 05:06	11/17/24 18:24	1
Bis(2-chloroethoxy)methane	<0.0972	U	0.570	0.0972	ug/L		11/16/24 05:06	11/17/24 18:24	1

Client Sample ID: MW-12
Date Collected: 11/14/24 07:17
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	<0.214	U *+	0.570	0.214	ug/L		11/16/24 05:06	11/17/24 18:24	1
Bis(2-ethylhexyl) phthalate	<0.897	U	1.14	0.897	ug/L		11/16/24 05:06	11/17/24 18:24	1
Butyl benzyl phthalate	<0.499	U	1.14	0.499	ug/L		11/16/24 05:06	11/17/24 18:24	1
Chrysene	<0.0813	U *+	0.570	0.0813	ug/L		11/16/24 05:06	11/17/24 18:24	1
Dibenz(a,h)anthracene	<0.0507	U	0.114	0.0507	ug/L		11/16/24 05:06	11/17/24 18:24	1
Dibenzofuran	<0.106	U	0.570	0.106	ug/L		11/16/24 05:06	11/17/24 18:24	1
Diethyl phthalate	<0.154	U	1.14	0.154	ug/L		11/16/24 05:06	11/17/24 18:24	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/16/24 05:06	11/17/24 18:24	1
Di-n-butyl phthalate	<0.763	U	1.14	0.763	ug/L		11/16/24 05:06	11/17/24 18:24	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/16/24 05:06	11/17/24 18:24	1
Fluoranthene	<0.0881	U	0.570	0.0881	ug/L		11/16/24 05:06	11/17/24 18:24	1
Fluorene	<0.0945	U	0.570	0.0945	ug/L		11/16/24 05:06	11/17/24 18:24	1
Hexachlorobenzene	<0.0972	U	0.570	0.0972	ug/L		11/16/24 05:06	11/17/24 18:24	1
Hexachlorobutadiene	<0.102	U	0.570	0.102	ug/L		11/16/24 05:06	11/17/24 18:24	1
Hexachlorocyclopentadiene	<0.0511	U	0.570	0.0511	ug/L		11/16/24 05:06	11/17/24 18:24	1
Hexachloroethane	<0.102	U	0.570	0.102	ug/L		11/16/24 05:06	11/17/24 18:24	1
Indeno[1,2,3-cd]pyrene	<0.0997	U	0.570	0.0997	ug/L		11/16/24 05:06	11/17/24 18:24	1
Isophorone	<0.106	U	0.570	0.106	ug/L		11/16/24 05:06	11/17/24 18:24	1
Naphthalene	<0.0942	U	0.570	0.0942	ug/L		11/16/24 05:06	11/17/24 18:24	1
Nitrobenzene	<0.0734	U	0.570	0.0734	ug/L		11/16/24 05:06	11/17/24 18:24	1
N-Nitrosodi-n-propylamine	<0.118	U	0.570	0.118	ug/L		11/16/24 05:06	11/17/24 18:24	1
N-Nitrosodiphenylamine	<0.144	U *+	0.570	0.144	ug/L		11/16/24 05:06	11/17/24 18:24	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/16/24 05:06	11/17/24 18:24	1
Phenanthrene	<0.134	U *+	0.570	0.134	ug/L		11/16/24 05:06	11/17/24 18:24	1
Phenol	<1.14	U	1.14	1.14	ug/L		11/16/24 05:06	11/17/24 18:24	1
Pyrene	<0.0846	U	0.570	0.0846	ug/L		11/16/24 05:06	11/17/24 18:24	1
Pyridine	<1.43	U	2.85	1.43	ug/L		11/16/24 05:06	11/17/24 18:24	1
N-Nitro-o-toluidine	<0.519	U	1.14	0.519	ug/L		11/16/24 05:06	11/17/24 18:24	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.570	0.210	ug/L		11/16/24 05:06	11/17/24 18:24	1
Acetophenone	<0.622	U	1.14	0.622	ug/L		11/16/24 05:06	11/17/24 18:24	1
N-Nitrosopiperidine	<0.466	U	1.14	0.466	ug/L		11/16/24 05:06	11/17/24 18:24	1
Pentachlorobenzene	<0.265	U	0.570	0.265	ug/L		11/16/24 05:06	11/17/24 18:24	1
Diphenyl ether	**0.0928**	**J I**	0.570	0.0907	ug/L		11/16/24 05:06	11/17/24 18:24	1
1,1'-Biphenyl	<0.0979	U	0.570	0.0979	ug/L		11/16/24 05:06	11/17/24 18:24	1
4-Aminobiphenyl	<0.393	U	0.570	0.393	ug/L		11/16/24 05:06	11/17/24 18:24	1
1,2,4,5-Tetrachlorobenzene	<0.0955	U	0.570	0.0955	ug/L		11/16/24 05:06	11/17/24 18:24	1
1,3,5-Trinitrobenzene	<0.118	U	0.570	0.118	ug/L		11/16/24 05:06	11/17/24 18:24	1
1,3-Dinitrobenzene	<0.0771	U	0.570	0.0771	ug/L		11/16/24 05:06	11/17/24 18:24	1
1,4-Naphthoquinone	<0.313	U	0.570	0.313	ug/L		11/16/24 05:06	11/17/24 18:24	1
1-Naphthylamine	<0.148	U *-	0.570	0.148	ug/L		11/16/24 05:06	11/17/24 18:24	1
2,6-Dichlorophenol	<0.118	U	0.570	0.118	ug/L		11/16/24 05:06	11/17/24 18:24	1
2-Acetylaminofluorene	<1.26	U	2.85	1.26	ug/L		11/16/24 05:06	11/17/24 18:24	1
2-Chlorophenol	<0.0754	U	0.570	0.0754	ug/L		11/16/24 05:06	11/17/24 18:24	1
2-Naphthylamine	<0.287	U	0.570	0.287	ug/L		11/16/24 05:06	11/17/24 18:24	1
2-Picoline	<0.122	U	0.570	0.122	ug/L		11/16/24 05:06	11/17/24 18:24	1
2-Toluidine	<0.305	U	0.570	0.305	ug/L		11/16/24 05:06	11/17/24 18:24	1
3,3'-Dichlorobenzidine	<0.183	U	0.570	0.183	ug/L		11/16/24 05:06	11/17/24 18:24	1
3,3'-Dimethylbenzidine	<0.141	U	0.570	0.141	ug/L		11/16/24 05:06	11/17/24 18:24	1
3-Methylcholanthrene	<0.104	U	0.570	0.104	ug/L		11/16/24 05:06	11/17/24 18:24	1

Client Sample ID: MW-12

Date Collected: 11/14/24 07:17
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-5

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroquinoline-1-oxide	<0.728	U	1.14	0.728	ug/L		11/16/24 05:06	11/17/24 18:24	1
7,12-Dimethylbenz(a)anthracene	<0.240	U	0.570	0.240	ug/L		11/16/24 05:06	11/17/24 18:24	1
alpha,alpha-Dimethyl phenethylamine	<3.66	U *-	5.70	3.66	ug/L		11/16/24 05:06	11/17/24 18:24	1
Aramite Peak 1	<0.0783	U *+	0.570	0.0783	ug/L		11/16/24 05:06	11/17/24 18:24	1
Aramite Peak 2	<0.0951	U	0.570	0.0951	ug/L		11/16/24 05:06	11/17/24 18:24	1
Aramite, Total	<0.0951	U	0.570	0.0951	ug/L		11/16/24 05:06	11/17/24 18:24	1
Diallate	<0.0832	U	0.570	0.0832	ug/L		11/16/24 05:06	11/17/24 18:24	1
Diallate Peak 1	<0.0832	U *+	0.570	0.0832	ug/L		11/16/24 05:06	11/17/24 18:24	1
Diallate Peak 2	<0.0384	U	0.570	0.0384	ug/L		11/16/24 05:06	11/17/24 18:24	1
Dimethoate	<0.121	U *+	0.570	0.121	ug/L		11/16/24 05:06	11/17/24 18:24	1
Dinoseb	<0.568	U *+	2.85	0.568	ug/L		11/16/24 05:06	11/17/24 18:24	1
Disulfoton	<0.202	U *+	0.570	0.202	ug/L		11/16/24 05:06	11/17/24 18:24	1
Ethyl methanesulfonate	<0.226	U	0.570	0.226	ug/L		11/16/24 05:06	11/17/24 18:24	1
Ethyl Parathion	<0.0501	U *+	0.228	0.0501	ug/L		11/16/24 05:06	11/17/24 18:24	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/16/24 05:06	11/17/24 18:24	1
Hexachloropropene	<0.299	U *-	0.570	0.299	ug/L		11/16/24 05:06	11/17/24 18:24	1
Isosafrole	<0.240	U	0.570	0.240	ug/L		11/16/24 05:06	11/17/24 18:24	1
Isosafrole Peak 1	<0.0462	U	0.570	0.0462	ug/L		11/16/24 05:06	11/17/24 18:24	1
Isosafrole Peak 2	<0.240	U	0.570	0.240	ug/L		11/16/24 05:06	11/17/24 18:24	1
Methapyrilene	<0.997	U *+	2.28	0.997	ug/L		11/16/24 05:06	11/17/24 18:24	1
Methyl methanesulfonate	<0.120	U	0.570	0.120	ug/L		11/16/24 05:06	11/17/24 18:24	1
Methyl parathion	<0.318	U *+	0.570	0.318	ug/L		11/16/24 05:06	11/17/24 18:24	1
N-Nitrosodiethylamine	<0.537	U	1.14	0.537	ug/L		11/16/24 05:06	11/17/24 18:24	1
N-Nitrosodimethylamine	<0.0997	U *-	0.570	0.0997	ug/L		11/16/24 05:06	11/17/24 18:24	1
N-Nitrosodi-n-butylamine	<0.514	U	1.14	0.514	ug/L		11/16/24 05:06	11/17/24 18:24	1
N-Nitrosomethylethylamine	<0.293	U	0.570	0.293	ug/L		11/16/24 05:06	11/17/24 18:24	1
N-Nitrosomorpholine	<0.220	U	0.570	0.220	ug/L		11/16/24 05:06	11/17/24 18:24	1
N-Nitrosopyrrolidine	<0.267	U *-	0.570	0.267	ug/L		11/16/24 05:06	11/17/24 18:24	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.570	0.138	ug/L		11/16/24 05:06	11/17/24 18:24	1
p-Dimethylamino azobenzene	<0.0237	U	0.570	0.0237	ug/L		11/16/24 05:06	11/17/24 18:24	1
Pentachloronitrobenzene	<0.0997	U *+	0.570	0.0997	ug/L		11/16/24 05:06	11/17/24 18:24	1
Phenacetin	<0.0997	U	0.570	0.0997	ug/L		11/16/24 05:06	11/17/24 18:24	1
Phorate	<0.221	U *+	0.570	0.221	ug/L		11/16/24 05:06	11/17/24 18:24	1
p-Phenylene diamine	<0.499	U *-	1.14	0.499	ug/L		11/16/24 05:06	11/17/24 18:24	1
Pronamide	<0.0997	U *+	0.570	0.0997	ug/L		11/16/24 05:06	11/17/24 18:24	1
Safrole, Total	<0.0569	U	0.570	0.0569	ug/L		11/16/24 05:06	11/17/24 18:24	1
Sulfotepp	<0.146	U *+	0.570	0.146	ug/L		11/16/24 05:06	11/17/24 18:24	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/16/24 05:06	11/17/24 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*123*		*35 - 130*	*11/16/24 05:06*	*11/17/24 18:24*	*1*
2-Fluorobiphenyl	*101*		*43 - 130*	*11/16/24 05:06*	*11/17/24 18:24*	*1*
2-Fluorophenol (Surr)	*62*		*19 - 120*	*11/16/24 05:06*	*11/17/24 18:24*	*1*
Nitrobenzene-d5 (Surr)	*125*		*37 - 133*	*11/16/24 05:06*	*11/17/24 18:24*	*1*
Phenol-d5 (Surr)	*36*		*8 - 124*	*11/16/24 05:06*	*11/17/24 18:24*	*1*
p-Terphenyl-d14	*105*		*47 - 130*	*11/16/24 05:06*	*11/17/24 18:24*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0763	U	0.569	0.0763	ug/L		11/20/24 07:01	12/14/24 15:43	1

Client Sample ID: MW-12
Lab Sample ID: 860-87121-5
Date Collected: 11/14/24 07:17
Matrix: Water
Date Received: 11/15/24 09:56

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	<0.0937	U	0.569	0.0937	ug/L		11/20/24 07:01	12/14/24 15:43	1
1,3-Dichlorobenzene	<0.101	U	0.569	0.101	ug/L		11/20/24 07:01	12/14/24 15:43	1
1,4-Dichlorobenzene	<0.0776	U	0.569	0.0776	ug/L		11/20/24 07:01	12/14/24 15:43	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.84	1.42	ug/L		11/20/24 07:01	12/14/24 15:43	1
2,4,5-Trichlorophenol	<0.143	U *+	0.569	0.143	ug/L		11/20/24 07:01	12/14/24 15:43	1
2,4,6-Trichlorophenol	<0.230	U *+	0.569	0.230	ug/L		11/20/24 07:01	12/14/24 15:43	1
2,4-Dichlorophenol	<0.139	U	0.569	0.139	ug/L		11/20/24 07:01	12/14/24 15:43	1
2,4-Dimethylphenol	<0.191	U *+	0.569	0.191	ug/L		11/20/24 07:01	12/14/24 15:43	1
1,4-Dioxane	**0.129**	**J I**	0.569	0.0886	ug/L		11/20/24 07:01	12/14/24 15:43	1
2,4-Dinitrophenol	<0.104	U	2.84	0.104	ug/L		11/20/24 07:01	12/14/24 15:43	1
2,4-Dinitrotoluene	<0.204	U *+	0.569	0.204	ug/L		11/20/24 07:01	12/14/24 15:43	1
2,6-Dinitrotoluene	<0.116	U	0.569	0.116	ug/L		11/20/24 07:01	12/14/24 15:43	1
2-Chloronaphthalene	<0.377	U	0.569	0.377	ug/L		11/20/24 07:01	12/14/24 15:43	1
2-Methylnaphthalene	<0.0600	U	0.569	0.0600	ug/L		11/20/24 07:01	12/14/24 15:43	1
2-Methylphenol	<0.104	U	0.569	0.104	ug/L		11/20/24 07:01	12/14/24 15:43	1
2-Nitroaniline	<0.148	U *+	0.569	0.148	ug/L		11/20/24 07:01	12/14/24 15:43	1
2-Nitrophenol	<0.135	U	0.569	0.135	ug/L		11/20/24 07:01	12/14/24 15:43	1
3 & 4 Methylphenol	<0.138	U	0.569	0.138	ug/L		11/20/24 07:01	12/14/24 15:43	1
3-Nitroaniline	<0.0849	U	0.569	0.0849	ug/L		11/20/24 07:01	12/14/24 15:43	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/20/24 07:01	12/14/24 15:43	1
4-Bromophenyl phenyl ether	<0.0999	U *+	0.569	0.0999	ug/L		11/20/24 07:01	12/14/24 15:43	1
4-Chloro-3-methylphenol	<0.103	U	0.569	0.103	ug/L		11/20/24 07:01	12/14/24 15:43	1
4-Chloroaniline	<0.0384	U	0.569	0.0384	ug/L		11/20/24 07:01	12/14/24 15:43	1
4-Chlorophenyl phenyl ether	<0.130	U	0.569	0.130	ug/L		11/20/24 07:01	12/14/24 15:43	1
4-Nitroaniline	<0.108	U	0.569	0.108	ug/L		11/20/24 07:01	12/14/24 15:43	1
Acenaphthene	<0.107	U	0.569	0.107	ug/L		11/20/24 07:01	12/14/24 15:43	1
Acenaphthylene	<0.0992	U	0.569	0.0992	ug/L		11/20/24 07:01	12/14/24 15:43	1
Aniline	<0.0577	U	0.569	0.0577	ug/L		11/20/24 07:01	12/14/24 15:43	1
Anthracene	<0.0934	U	0.569	0.0934	ug/L		11/20/24 07:01	12/14/24 15:43	1
Benzo[a]anthracene	<0.0284	U *+	0.0284	0.0284	ug/L		11/20/24 07:01	12/14/24 15:43	1
Benzo[a]pyrene	<0.0299	U	0.0569	0.0299	ug/L		11/20/24 07:01	12/14/24 15:43	1
Benzo[b]fluoranthene	<0.0661	U *+	0.569	0.0661	ug/L		11/20/24 07:01	12/14/24 15:43	1
Benzo[g,h,i]perylene	<0.0344	U	0.569	0.0344	ug/L		11/20/24 07:01	12/14/24 15:43	1
Benzo[k]fluoranthene	<0.0470	U *+	0.569	0.0470	ug/L		11/20/24 07:01	12/14/24 15:43	1
Benzyl alcohol	<0.597	U	1.14	0.597	ug/L		11/20/24 07:01	12/14/24 15:43	1
Bis(2-chloroethoxy)methane	<0.0970	U	0.569	0.0970	ug/L		11/20/24 07:01	12/14/24 15:43	1
Bis(2-chloroethyl)ether	<0.213	U *+	0.569	0.213	ug/L		11/20/24 07:01	12/14/24 15:43	1
Bis(2-ethylhexyl) phthalate	<0.896	U *+	1.14	0.896	ug/L		11/20/24 07:01	12/14/24 15:43	1
Butyl benzyl phthalate	<0.498	U	1.14	0.498	ug/L		11/20/24 07:01	12/14/24 15:43	1
Chrysene	<0.0812	U *+	0.569	0.0812	ug/L		11/20/24 07:01	12/14/24 15:43	1
Dibenz(a,h)anthracene	<0.0507	U	0.114	0.0507	ug/L		11/20/24 07:01	12/14/24 15:43	1
Dibenzofuran	<0.106	U *+	0.569	0.106	ug/L		11/20/24 07:01	12/14/24 15:43	1
Diethyl phthalate	<0.154	U *+	1.14	0.154	ug/L		11/20/24 07:01	12/14/24 15:43	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/20/24 07:01	12/14/24 15:43	1
Di-n-butyl phthalate	<0.762	U *+	1.14	0.762	ug/L		11/20/24 07:01	12/14/24 15:43	1
Di-n-octyl phthalate	<0.268	U *+ *1	1.14	0.268	ug/L		11/20/24 07:01	12/14/24 15:43	1
Fluoranthene	<0.0879	U *+	0.569	0.0879	ug/L		11/20/24 07:01	12/14/24 15:43	1
Fluorene	<0.0944	U	0.569	0.0944	ug/L		11/20/24 07:01	12/14/24 15:43	1
Hexachlorobenzene	<0.0971	U	0.569	0.0971	ug/L		11/20/24 07:01	12/14/24 15:43	1

Client Sample ID: MW-12
Date Collected: 11/14/24 07:17
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.102	U	0.569	0.102	ug/L		11/20/24 07:01	12/14/24 15:43	1
Hexachlorocyclopentadiene	<0.0510	U	0.569	0.0510	ug/L		11/20/24 07:01	12/14/24 15:43	1
Hexachloroethane	<0.101	U	0.569	0.101	ug/L		11/20/24 07:01	12/14/24 15:43	1
Indeno[1,2,3-cd]pyrene	<0.0996	U	0.569	0.0996	ug/L		11/20/24 07:01	12/14/24 15:43	1
Isophorone	<0.106	U	0.569	0.106	ug/L		11/20/24 07:01	12/14/24 15:43	1
Naphthalene	<0.0940	U	0.569	0.0940	ug/L		11/20/24 07:01	12/14/24 15:43	1
Nitrobenzene	<0.0733	U	0.569	0.0733	ug/L		11/20/24 07:01	12/14/24 15:43	1
N-Nitrosodi-n-propylamine	<0.118	U	0.569	0.118	ug/L		11/20/24 07:01	12/14/24 15:43	1
N-Nitrosodiphenylamine	<0.144	U *+	0.569	0.144	ug/L		11/20/24 07:01	12/14/24 15:43	1
Pentachlorophenol	<1.03	U	1.14	1.03	ug/L		11/20/24 07:01	12/14/24 15:43	1
Phenanthrene	<0.133	U	0.569	0.133	ug/L		11/20/24 07:01	12/14/24 15:43	1
Phenol	<1.14	U *1	1.14	1.14	ug/L		11/20/24 07:01	12/14/24 15:43	1
Pyrene	<0.0845	U *+	0.569	0.0845	ug/L		11/20/24 07:01	12/14/24 15:43	1
Pyridine	<1.43	U	2.84	1.43	ug/L		11/20/24 07:01	12/14/24 15:43	1
N-Nitro-o-toluidine	<0.518	U	1.14	0.518	ug/L		11/20/24 07:01	12/14/24 15:43	1
2,3,4,6-Tetrachlorophenol	<0.210	U *+	0.569	0.210	ug/L		11/20/24 07:01	12/14/24 15:43	1
Acetophenone	<0.621	U *+	1.14	0.621	ug/L		11/20/24 07:01	12/14/24 15:43	1
N-Nitrosopiperidine	<0.465	U	1.14	0.465	ug/L		11/20/24 07:01	12/14/24 15:43	1
Pentachlorobenzene	<0.265	U	0.569	0.265	ug/L		11/20/24 07:01	12/14/24 15:43	1
Diphenyl ether	**0.140**	**J**	0.569	0.0906	ug/L		11/20/24 07:01	12/14/24 15:43	1
1,1'-Biphenyl	<0.0977	U	0.569	0.0977	ug/L		11/20/24 07:01	12/14/24 15:43	1
4-Aminobiphenyl	<0.392	U	0.569	0.392	ug/L		11/20/24 07:01	12/14/24 15:43	1
1,2,4,5-Tetrachlorobenzene	<0.0953	U	0.569	0.0953	ug/L		11/20/24 07:01	12/14/24 15:43	1
1,3,5-Trinitrobenzene	<0.118	U	0.569	0.118	ug/L		11/20/24 07:01	12/14/24 15:43	1
1,3-Dinitrobenzene	<0.0770	U	0.569	0.0770	ug/L		11/20/24 07:01	12/14/24 15:43	1
1,4-Naphthoquinone	<0.313	U	0.569	0.313	ug/L		11/20/24 07:01	12/14/24 15:43	1
1-Naphthylamine	<0.148	U	0.569	0.148	ug/L		11/20/24 07:01	12/14/24 15:43	1
2,6-Dichlorophenol	<0.118	U	0.569	0.118	ug/L		11/20/24 07:01	12/14/24 15:43	1
2-Acetylaminofluorene	<1.26	U *+	2.84	1.26	ug/L		11/20/24 07:01	12/14/24 15:43	1
2-Chlorophenol	<0.0753	U	0.569	0.0753	ug/L		11/20/24 07:01	12/14/24 15:43	1
2-Naphthylamine	<0.287	U	0.569	0.287	ug/L		11/20/24 07:01	12/14/24 15:43	1
2-Picoline	<0.122	U	0.569	0.122	ug/L		11/20/24 07:01	12/14/24 15:43	1
2-Toluidine	<0.305	U *- *1	0.569	0.305	ug/L		11/20/24 07:01	12/14/24 15:43	1
3,3'-Dichlorobenzidine	<0.182	U	0.569	0.182	ug/L		11/20/24 07:01	12/14/24 15:43	1
3,3'-Dimethylbenzidine	<0.141	U	0.569	0.141	ug/L		11/20/24 07:01	12/14/24 15:43	1
3-Methylcholanthrene	<0.104	U	0.569	0.104	ug/L		11/20/24 07:01	12/14/24 15:43	1
4-Nitroquinoline-1-oxide	<0.727	U	1.14	0.727	ug/L		11/20/24 07:01	12/14/24 15:43	1
7,12-Dimethylbenz(a)anthracene	<0.240	U *+	0.569	0.240	ug/L		11/20/24 07:01	12/14/24 15:43	1
alpha,alpha-Dimethyl phenethylamine	<3.65	U *-	5.69	3.65	ug/L		11/20/24 07:01	12/14/24 15:43	1
Aramite Peak 1	<0.0782	U *+	0.569	0.0782	ug/L		11/20/24 07:01	12/14/24 15:43	1
Aramite Peak 2	<0.0950	U *+	0.569	0.0950	ug/L		11/20/24 07:01	12/14/24 15:43	1
Aramite, Total	<0.0950	U	0.569	0.0950	ug/L		11/20/24 07:01	12/14/24 15:43	1
Diallate	<0.0831	U	0.569	0.0831	ug/L		11/20/24 07:01	12/14/24 15:43	1
Diallate Peak 1	**0.126**	**J *+**	0.569	0.0831	ug/L		11/20/24 07:01	12/14/24 15:43	1
Diallate Peak 2	<0.0384	U	0.569	0.0384	ug/L		11/20/24 07:01	12/14/24 15:43	1
Dimethoate	<0.121	U *+	0.569	0.121	ug/L		11/20/24 07:01	12/14/24 15:43	1
Dinoseb	<0.567	U *+	2.84	0.567	ug/L		11/20/24 07:01	12/14/24 15:43	1
Disulfoton	<0.202	U *+	0.569	0.202	ug/L		11/20/24 07:01	12/14/24 15:43	1
Ethyl methanesulfonate	<0.226	U	0.569	0.226	ug/L		11/20/24 07:01	12/14/24 15:43	1

Client Sample ID: MW-12

Date Collected: 11/14/24 07:17
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl Parathion	<0.0500	U *+	0.228	0.0500	ug/L		11/20/24 07:01	12/14/24 15:43	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/20/24 07:01	12/14/24 15:43	1
Hexachloropropene	<0.298	U *-	0.569	0.298	ug/L		11/20/24 07:01	12/14/24 15:43	1
Isosafrole	<0.240	U	0.569	0.240	ug/L		11/20/24 07:01	12/14/24 15:43	1
Isosafrole Peak 1	<0.0461	U	0.569	0.0461	ug/L		11/20/24 07:01	12/14/24 15:43	1
Isosafrole Peak 2	<0.240	U	0.569	0.240	ug/L		11/20/24 07:01	12/14/24 15:43	1
Methapyrilene	<0.995	U *+	2.28	0.995	ug/L		11/20/24 07:01	12/14/24 15:43	1
Methyl methanesulfonate	<0.119	U	0.569	0.119	ug/L		11/20/24 07:01	12/14/24 15:43	1
Methyl parathion	<0.318	U *+	0.569	0.318	ug/L		11/20/24 07:01	12/14/24 15:43	1
N-Nitrosodiethylamine	<0.536	U	1.14	0.536	ug/L		11/20/24 07:01	12/14/24 15:43	1
N-Nitrosodimethylamine	<0.0996	U *-	0.569	0.0996	ug/L		11/20/24 07:01	12/14/24 15:43	1
N-Nitrosodi-n-butylamine	<0.513	U *+	1.14	0.513	ug/L		11/20/24 07:01	12/14/24 15:43	1
N-Nitrosomethylethylamine	<0.293	U	0.569	0.293	ug/L		11/20/24 07:01	12/14/24 15:43	1
N-Nitrosomorpholine	<0.219	U	0.569	0.219	ug/L		11/20/24 07:01	12/14/24 15:43	1
N-Nitrosopyrrolidine	<0.267	U	0.569	0.267	ug/L		11/20/24 07:01	12/14/24 15:43	1
o,o',o''-Triethylphosphorothioate	<0.138	U *+	0.569	0.138	ug/L		11/20/24 07:01	12/14/24 15:43	1
p-Dimethylamino azobenzene	<0.0237	U *+	0.569	0.0237	ug/L		11/20/24 07:01	12/14/24 15:43	1
Pentachloronitrobenzene	<0.0996	U *+	0.569	0.0996	ug/L		11/20/24 07:01	12/14/24 15:43	1
Phenacetin	<0.0996	U *+	0.569	0.0996	ug/L		11/20/24 07:01	12/14/24 15:43	1
Phorate	<0.220	U *+	0.569	0.220	ug/L		11/20/24 07:01	12/14/24 15:43	1
p-Phenylene diamine	<0.498	U *-	1.14	0.498	ug/L		11/20/24 07:01	12/14/24 15:43	1
Pronamide	<0.0996	U *+	0.569	0.0996	ug/L		11/20/24 07:01	12/14/24 15:43	1
Safrole, Total	<0.0569	U	0.569	0.0569	ug/L		11/20/24 07:01	12/14/24 15:43	1
Sulfotepp	<0.146	U *+	0.569	0.146	ug/L		11/20/24 07:01	12/14/24 15:43	1
Thionazin	<0.207	U *+	1.14	0.207	ug/L		11/20/24 07:01	12/14/24 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*143*	*S1+*	*35 - 130*	*11/20/24 07:01*	*12/14/24 15:43*	*1*
2-Fluorobiphenyl	*127*		*43 - 130*	*11/20/24 07:01*	*12/14/24 15:43*	*1*
2-Fluorophenol (Surr)	*92*		*19 - 120*	*11/20/24 07:01*	*12/14/24 15:43*	*1*
Nitrobenzene-d5 (Surr)	*156*	*S1+*	*37 - 133*	*11/20/24 07:01*	*12/14/24 15:43*	*1*
Phenol-d5 (Surr)	*54*		*8 - 124*	*11/20/24 07:01*	*12/14/24 15:43*	*1*
p-Terphenyl-d14	*184*	*S1+*	*47 - 130*	*11/20/24 07:01*	*12/14/24 15:43*	*1*

Client Sample ID: MW-7

Date Collected: 11/14/24 08:19
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/19/24 16:07	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/19/24 16:07	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/19/24 16:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/19/24 16:07	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/19/24 16:07	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/19/24 16:07	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/19/24 16:07	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/19/24 16:07	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/19/24 16:07	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/19/24 16:07	1

Client Sample ID: MW-7
Date Collected: 11/14/24 08:19
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/19/24 16:07	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/19/24 16:07	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/19/24 16:07	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/19/24 16:07	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/19/24 16:07	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/19/24 16:07	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/19/24 16:07	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/19/24 16:07	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/19/24 16:07	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/19/24 16:07	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/19/24 16:07	1
Acetone	**16.3**	**J**	100	3.07	ug/L			11/19/24 16:07	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/19/24 16:07	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/19/24 16:07	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/19/24 16:07	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/19/24 16:07	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/19/24 16:07	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/19/24 16:07	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/19/24 16:07	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/19/24 16:07	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/19/24 16:07	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/19/24 16:07	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/19/24 16:07	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/19/24 16:07	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/19/24 16:07	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/19/24 16:07	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/19/24 16:07	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/19/24 16:07	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/19/24 16:07	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/19/24 16:07	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/19/24 16:07	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/19/24 16:07	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/19/24 16:07	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/19/24 16:07	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/19/24 16:07	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/19/24 16:07	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/19/24 16:07	1
Iodomethane	<5.00	U *+	20.0	5.00	ug/L			11/19/24 16:07	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/19/24 16:07	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/19/24 16:07	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/19/24 16:07	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/19/24 16:07	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/19/24 16:07	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/19/24 16:07	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/19/24 16:07	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/19/24 16:07	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/19/24 16:07	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/19/24 16:07	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/19/24 16:07	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87121-1

Client Sample ID: MW-7

Date Collected: 11/14/24 08:19
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-6

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/19/24 16:07	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/19/24 16:07	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/19/24 16:07	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/19/24 16:07	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/19/24 16:07	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/19/24 16:07	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/19/24 16:07	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/19/24 16:07	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/19/24 16:07	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/19/24 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*11/19/24 16:07*	*1*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*11/19/24 16:07*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*11/19/24 16:07*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/19/24 16:07*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0761	U	0.567	0.0761	ug/L		11/16/24 05:06	11/17/24 18:54	1
1,2-Dichlorobenzene	<0.0934	U	0.567	0.0934	ug/L		11/16/24 05:06	11/17/24 18:54	1
1,3-Dichlorobenzene	<0.101	U	0.567	0.101	ug/L		11/16/24 05:06	11/17/24 18:54	1
1,4-Dichlorobenzene	<0.0774	U	0.567	0.0774	ug/L		11/16/24 05:06	11/17/24 18:54	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.84	1.42	ug/L		11/16/24 05:06	11/17/24 18:54	1
2,4,5-Trichlorophenol	<0.142	U	0.567	0.142	ug/L		11/16/24 05:06	11/17/24 18:54	1
2,4,6-Trichlorophenol	<0.229	U	0.567	0.229	ug/L		11/16/24 05:06	11/17/24 18:54	1
2,4-Dichlorophenol	<0.139	U	0.567	0.139	ug/L		11/16/24 05:06	11/17/24 18:54	1
2,4-Dimethylphenol	<0.191	U *+	0.567	0.191	ug/L		11/16/24 05:06	11/17/24 18:54	1
1,4-Dioxane	**0.645**		0.567	0.0884	ug/L		11/16/24 05:06	11/17/24 18:54	1
2,4-Dinitrophenol	<0.103	U	2.84	0.103	ug/L		11/16/24 05:06	11/17/24 18:54	1
2,4-Dinitrotoluene	<0.203	U	0.567	0.203	ug/L		11/16/24 05:06	11/17/24 18:54	1
2,6-Dinitrotoluene	<0.115	U	0.567	0.115	ug/L		11/16/24 05:06	11/17/24 18:54	1
2-Chloronaphthalene	<0.376	U	0.567	0.376	ug/L		11/16/24 05:06	11/17/24 18:54	1
2-Methylnaphthalene	<0.0598	U	0.567	0.0598	ug/L		11/16/24 05:06	11/17/24 18:54	1
2-Methylphenol	<0.104	U	0.567	0.104	ug/L		11/16/24 05:06	11/17/24 18:54	1
2-Nitroaniline	<0.148	U	0.567	0.148	ug/L		11/16/24 05:06	11/17/24 18:54	1
2-Nitrophenol	<0.135	U	0.567	0.135	ug/L		11/16/24 05:06	11/17/24 18:54	1
3 & 4 Methylphenol	<0.138	U	0.567	0.138	ug/L		11/16/24 05:06	11/17/24 18:54	1
3-Nitroaniline	<0.0846	U	0.567	0.0846	ug/L		11/16/24 05:06	11/17/24 18:54	1
4,6-Dinitro-2-methylphenol	<0.200	U	1.13	0.200	ug/L		11/16/24 05:06	11/17/24 18:54	1
4-Bromophenyl phenyl ether	<0.0996	U *+	0.567	0.0996	ug/L		11/16/24 05:06	11/17/24 18:54	1
4-Chloro-3-methylphenol	<0.103	U	0.567	0.103	ug/L		11/16/24 05:06	11/17/24 18:54	1
4-Chloroaniline	<0.0383	U	0.567	0.0383	ug/L		11/16/24 05:06	11/17/24 18:54	1
4-Chlorophenyl phenyl ether	<0.129	U	0.567	0.129	ug/L		11/16/24 05:06	11/17/24 18:54	1
4-Nitroaniline	<0.108	U	0.567	0.108	ug/L		11/16/24 05:06	11/17/24 18:54	1
Acenaphthene	<0.107	U	0.567	0.107	ug/L		11/16/24 05:06	11/17/24 18:54	1
Acenaphthylene	<0.0989	U	0.567	0.0989	ug/L		11/16/24 05:06	11/17/24 18:54	1
Aniline	<0.0575	U	0.567	0.0575	ug/L		11/16/24 05:06	11/17/24 18:54	1
Anthracene	<0.0931	U	0.567	0.0931	ug/L		11/16/24 05:06	11/17/24 18:54	1
Benzo[a]anthracene	<0.0284	U *+	0.0284	0.0284	ug/L		11/16/24 05:06	11/17/24 18:54	1

Client Sample ID: MW-7
Lab Sample ID: 860-87121-6
Date Collected: 11/14/24 08:19
Matrix: Water
Date Received: 11/15/24 09:56

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.0298	U	0.0567	0.0298	ug/L		11/16/24 05:06	11/17/24 18:54	1
Benzo[b]fluoranthene	<0.0659	U	0.567	0.0659	ug/L		11/16/24 05:06	11/17/24 18:54	1
Benzo[g,h,i]perylene	<0.0343	U	0.567	0.0343	ug/L		11/16/24 05:06	11/17/24 18:54	1
Benzo[k]fluoranthene	<0.0469	U	0.567	0.0469	ug/L		11/16/24 05:06	11/17/24 18:54	1
Benzyl alcohol	<0.596	U *-	1.13	0.596	ug/L		11/16/24 05:06	11/17/24 18:54	1
Bis(2-chloroethoxy)methane	<0.0967	U	0.567	0.0967	ug/L		11/16/24 05:06	11/17/24 18:54	1
Bis(2-chloroethyl)ether	<0.213	U *+	0.567	0.213	ug/L		11/16/24 05:06	11/17/24 18:54	1
Bis(2-ethylhexyl) phthalate	<0.894	U	1.13	0.894	ug/L		11/16/24 05:06	11/17/24 18:54	1
Butyl benzyl phthalate	<0.496	U	1.13	0.496	ug/L		11/16/24 05:06	11/17/24 18:54	1
Chrysene	<0.0810	U *+	0.567	0.0810	ug/L		11/16/24 05:06	11/17/24 18:54	1
Dibenz(a,h)anthracene	<0.0505	U	0.113	0.0505	ug/L		11/16/24 05:06	11/17/24 18:54	1
Dibenzofuran	<0.106	U	0.567	0.106	ug/L		11/16/24 05:06	11/17/24 18:54	1
Diethyl phthalate	<0.154	U	1.13	0.154	ug/L		11/16/24 05:06	11/17/24 18:54	1
Dimethyl phthalate	<0.107	U	1.13	0.107	ug/L		11/16/24 05:06	11/17/24 18:54	1
Di-n-butyl phthalate	<0.760	U	1.13	0.760	ug/L		11/16/24 05:06	11/17/24 18:54	1
Di-n-octyl phthalate	<0.267	U	1.13	0.267	ug/L		11/16/24 05:06	11/17/24 18:54	1
Fluoranthene	<0.0877	U	0.567	0.0877	ug/L		11/16/24 05:06	11/17/24 18:54	1
Fluorene	<0.0941	U	0.567	0.0941	ug/L		11/16/24 05:06	11/17/24 18:54	1
Hexachlorobenzene	<0.0968	U	0.567	0.0968	ug/L		11/16/24 05:06	11/17/24 18:54	1
Hexachlorobutadiene	<0.102	U	0.567	0.102	ug/L		11/16/24 05:06	11/17/24 18:54	1
Hexachlorocyclopentadiene	<0.0508	U	0.567	0.0508	ug/L		11/16/24 05:06	11/17/24 18:54	1
Hexachloroethane	<0.101	U	0.567	0.101	ug/L		11/16/24 05:06	11/17/24 18:54	1
Indeno[1,2,3-cd]pyrene	<0.0993	U	0.567	0.0993	ug/L		11/16/24 05:06	11/17/24 18:54	1
Isophorone	<0.106	U	0.567	0.106	ug/L		11/16/24 05:06	11/17/24 18:54	1
Naphthalene	<0.0938	U	0.567	0.0938	ug/L		11/16/24 05:06	11/17/24 18:54	1
Nitrobenzene	<0.0731	U	0.567	0.0731	ug/L		11/16/24 05:06	11/17/24 18:54	1
N-Nitrosodi-n-propylamine	<0.118	U	0.567	0.118	ug/L		11/16/24 05:06	11/17/24 18:54	1
N-Nitrosodiphenylamine	<0.144	U *+	0.567	0.144	ug/L		11/16/24 05:06	11/17/24 18:54	1
Pentachlorophenol	<1.03	U	1.13	1.03	ug/L		11/16/24 05:06	11/17/24 18:54	1
Phenanthrene	<0.133	U *+	0.567	0.133	ug/L		11/16/24 05:06	11/17/24 18:54	1
Phenol	<1.13	U	1.13	1.13	ug/L		11/16/24 05:06	11/17/24 18:54	1
Pyrene	<0.0843	U	0.567	0.0843	ug/L		11/16/24 05:06	11/17/24 18:54	1
Pyridine	<1.43	U	2.84	1.43	ug/L		11/16/24 05:06	11/17/24 18:54	1
N-Nitro-o-toluidine	<0.516	U	1.13	0.516	ug/L		11/16/24 05:06	11/17/24 18:54	1
2,3,4,6-Tetrachlorophenol	<0.209	U	0.567	0.209	ug/L		11/16/24 05:06	11/17/24 18:54	1
Acetophenone	<0.619	U	1.13	0.619	ug/L		11/16/24 05:06	11/17/24 18:54	1
N-Nitrosopiperidine	<0.464	U	1.13	0.464	ug/L		11/16/24 05:06	11/17/24 18:54	1
Pentachlorobenzene	<0.264	U	0.567	0.264	ug/L		11/16/24 05:06	11/17/24 18:54	1
Diphenyl ether	**16.0**		0.567	0.0903	ug/L		11/16/24 05:06	11/17/24 18:54	1
1,1'-Biphenyl	<0.0974	U	0.567	0.0974	ug/L		11/16/24 05:06	11/17/24 18:54	1
4-Aminobiphenyl	<0.391	U	0.567	0.391	ug/L		11/16/24 05:06	11/17/24 18:54	1
1,2,4,5-Tetrachlorobenzene	<0.0951	U	0.567	0.0951	ug/L		11/16/24 05:06	11/17/24 18:54	1
1,3,5-Trinitrobenzene	<0.118	U	0.567	0.118	ug/L		11/16/24 05:06	11/17/24 18:54	1
1,3-Dinitrobenzene	<0.0767	U	0.567	0.0767	ug/L		11/16/24 05:06	11/17/24 18:54	1
1,4-Naphthoquinone	<0.312	U	0.567	0.312	ug/L		11/16/24 05:06	11/17/24 18:54	1
1-Naphthylamine	<0.148	U *-	0.567	0.148	ug/L		11/16/24 05:06	11/17/24 18:54	1
2,6-Dichlorophenol	<0.117	U	0.567	0.117	ug/L		11/16/24 05:06	11/17/24 18:54	1
2-Acetylaminofluorene	<1.26	U	2.84	1.26	ug/L		11/16/24 05:06	11/17/24 18:54	1
2-Chlorophenol	<0.0751	U	0.567	0.0751	ug/L		11/16/24 05:06	11/17/24 18:54	1

Client Sample ID: MW-7

Date Collected: 11/14/24 08:19
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-6

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Naphthylamine	<0.286	U	0.567	0.286	ug/L		11/16/24 05:06	11/17/24 18:54	1
2-Picoline	<0.122	U	0.567	0.122	ug/L		11/16/24 05:06	11/17/24 18:54	1
2-Toluidine	<0.304	U	0.567	0.304	ug/L		11/16/24 05:06	11/17/24 18:54	1
3,3'-Dichlorobenzidine	<0.182	U	0.567	0.182	ug/L		11/16/24 05:06	11/17/24 18:54	1
3,3'-Dimethylbenzidine	<0.141	U	0.567	0.141	ug/L		11/16/24 05:06	11/17/24 18:54	1
3-Methylcholanthrene	<0.104	U	0.567	0.104	ug/L		11/16/24 05:06	11/17/24 18:54	1
4-Nitroquinoline-1-oxide	<0.725	U	1.13	0.725	ug/L		11/16/24 05:06	11/17/24 18:54	1
7,12-Dimethylbenz(a)anthracene	<0.239	U	0.567	0.239	ug/L		11/16/24 05:06	11/17/24 18:54	1
alpha,alpha-Dimethyl phenethylamine	<3.64	U *-	5.67	3.64	ug/L		11/16/24 05:06	11/17/24 18:54	1
Aramite Peak 1	<0.0780	U *+	0.567	0.0780	ug/L		11/16/24 05:06	11/17/24 18:54	1
Aramite Peak 2	<0.0947	U	0.567	0.0947	ug/L		11/16/24 05:06	11/17/24 18:54	1
Aramite, Total	<0.0947	U	0.567	0.0947	ug/L		11/16/24 05:06	11/17/24 18:54	1
Diallate	<0.0829	U	0.567	0.0829	ug/L		11/16/24 05:06	11/17/24 18:54	1
Diallate Peak 1	<0.0829	U *+	0.567	0.0829	ug/L		11/16/24 05:06	11/17/24 18:54	1
Diallate Peak 2	<0.0383	U	0.567	0.0383	ug/L		11/16/24 05:06	11/17/24 18:54	1
Dimethoate	<0.121	U *+	0.567	0.121	ug/L		11/16/24 05:06	11/17/24 18:54	1
Dinoseb	<0.566	U *+	2.84	0.566	ug/L		11/16/24 05:06	11/17/24 18:54	1
Disulfoton	<0.201	U *+	0.567	0.201	ug/L		11/16/24 05:06	11/17/24 18:54	1
Ethyl methanesulfonate	<0.225	U	0.567	0.225	ug/L		11/16/24 05:06	11/17/24 18:54	1
Ethyl Parathion	<0.0498	U *+	0.227	0.0498	ug/L		11/16/24 05:06	11/17/24 18:54	1
Famphur	<0.150	U *+	1.13	0.150	ug/L		11/16/24 05:06	11/17/24 18:54	1
Hexachloropropene	<0.298	U *-	0.567	0.298	ug/L		11/16/24 05:06	11/17/24 18:54	1
Isosafrole	<0.239	U	0.567	0.239	ug/L		11/16/24 05:06	11/17/24 18:54	1
Isosafrole Peak 1	<0.0460	U	0.567	0.0460	ug/L		11/16/24 05:06	11/17/24 18:54	1
Isosafrole Peak 2	<0.239	U	0.567	0.239	ug/L		11/16/24 05:06	11/17/24 18:54	1
Methapyrilene	<0.993	U *+	2.27	0.993	ug/L		11/16/24 05:06	11/17/24 18:54	1
Methyl methanesulfonate	<0.119	U	0.567	0.119	ug/L		11/16/24 05:06	11/17/24 18:54	1
Methyl parathion	<0.317	U *+	0.567	0.317	ug/L		11/16/24 05:06	11/17/24 18:54	1
N-Nitrosodiethylamine	<0.535	U	1.13	0.535	ug/L		11/16/24 05:06	11/17/24 18:54	1
N-Nitrosodimethylamine	<0.0993	U *-	0.567	0.0993	ug/L		11/16/24 05:06	11/17/24 18:54	1
N-Nitrosodi-n-butylamine	<0.512	U	1.13	0.512	ug/L		11/16/24 05:06	11/17/24 18:54	1
N-Nitrosomethylethylamine	<0.292	U	0.567	0.292	ug/L		11/16/24 05:06	11/17/24 18:54	1
N-Nitrosomorpholine	<0.219	U	0.567	0.219	ug/L		11/16/24 05:06	11/17/24 18:54	1
N-Nitrosopyrrolidine	<0.266	U *-	0.567	0.266	ug/L		11/16/24 05:06	11/17/24 18:54	1
o,o',o''-Triethylphosphorothioate	<0.137	U *+	0.567	0.137	ug/L		11/16/24 05:06	11/17/24 18:54	1
p-Dimethylamino azobenzene	<0.0236	U	0.567	0.0236	ug/L		11/16/24 05:06	11/17/24 18:54	1
Pentachloronitrobenzene	<0.0993	U *+	0.567	0.0993	ug/L		11/16/24 05:06	11/17/24 18:54	1
Phenacetin	<0.0993	U	0.567	0.0993	ug/L		11/16/24 05:06	11/17/24 18:54	1
Phorate	<0.220	U *+	0.567	0.220	ug/L		11/16/24 05:06	11/17/24 18:54	1
p-Phenylene diamine	<0.496	U *-	1.13	0.496	ug/L		11/16/24 05:06	11/17/24 18:54	1
Pronamide	<0.0993	U *+	0.567	0.0993	ug/L		11/16/24 05:06	11/17/24 18:54	1
Safrole, Total	<0.0567	U	0.567	0.0567	ug/L		11/16/24 05:06	11/17/24 18:54	1
Sulfotepp	<0.146	U *+	0.567	0.146	ug/L		11/16/24 05:06	11/17/24 18:54	1
Thionazin	<0.207	U *+	1.13	0.207	ug/L		11/16/24 05:06	11/17/24 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*116*		*35 - 130*	*11/16/24 05:06*	*11/17/24 18:54*	*1*
2-Fluorobiphenyl	*101*		*43 - 130*	*11/16/24 05:06*	*11/17/24 18:54*	*1*
2-Fluorophenol (Surr)	*74*		*19 - 120*	*11/16/24 05:06*	*11/17/24 18:54*	*1*
Nitrobenzene-d5 (Surr)	*119*		*37 - 133*	*11/16/24 05:06*	*11/17/24 18:54*	*1*

Client Sample ID: MW-7

Date Collected: 11/14/24 08:19
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-6

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	*49*		*8 - 124*	*11/16/24 05:06*	*11/17/24 18:54*	*1*
p-Terphenyl-d14	*117*		*47 - 130*	*11/16/24 05:06*	*11/17/24 18:54*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0756	U	0.563	0.0756	ug/L		11/20/24 07:01	12/14/24 16:14	1
1,2-Dichlorobenzene	<0.0928	U	0.563	0.0928	ug/L		11/20/24 07:01	12/14/24 16:14	1
1,3-Dichlorobenzene	<0.100	U	0.563	0.100	ug/L		11/20/24 07:01	12/14/24 16:14	1
1,4-Dichlorobenzene	<0.0768	U	0.563	0.0768	ug/L		11/20/24 07:01	12/14/24 16:14	1
2,2'-oxybis[1-chloropropane]	<1.41	U	2.82	1.41	ug/L		11/20/24 07:01	12/14/24 16:14	1
2,4,5-Trichlorophenol	<0.141	U *+	0.563	0.141	ug/L		11/20/24 07:01	12/14/24 16:14	1
2,4,6-Trichlorophenol	<0.228	U *+	0.563	0.228	ug/L		11/20/24 07:01	12/14/24 16:14	1
2,4-Dichlorophenol	<0.138	U	0.563	0.138	ug/L		11/20/24 07:01	12/14/24 16:14	1
2,4-Dimethylphenol	<0.189	U *+	0.563	0.189	ug/L		11/20/24 07:01	12/14/24 16:14	1
1,4-Dioxane	**1.02**		0.563	0.0877	ug/L		11/20/24 07:01	12/14/24 16:14	1
2,4-Dinitrophenol	<0.103	U	2.82	0.103	ug/L		11/20/24 07:01	12/14/24 16:14	1
2,4-Dinitrotoluene	<0.202	U *+	0.563	0.202	ug/L		11/20/24 07:01	12/14/24 16:14	1
2,6-Dinitrotoluene	<0.115	U	0.563	0.115	ug/L		11/20/24 07:01	12/14/24 16:14	1
2-Chloronaphthalene	<0.373	U	0.563	0.373	ug/L		11/20/24 07:01	12/14/24 16:14	1
2-Methylnaphthalene	<0.0594	U	0.563	0.0594	ug/L		11/20/24 07:01	12/14/24 16:14	1
2-Methylphenol	<0.103	U	0.563	0.103	ug/L		11/20/24 07:01	12/14/24 16:14	1
2-Nitroaniline	<0.147	U *+	0.563	0.147	ug/L		11/20/24 07:01	12/14/24 16:14	1
2-Nitrophenol	<0.134	U	0.563	0.134	ug/L		11/20/24 07:01	12/14/24 16:14	1
3 & 4 Methylphenol	<0.137	U	0.563	0.137	ug/L		11/20/24 07:01	12/14/24 16:14	1
3-Nitroaniline	<0.0840	U	0.563	0.0840	ug/L		11/20/24 07:01	12/14/24 16:14	1
4,6-Dinitro-2-methylphenol	<0.199	U	1.13	0.199	ug/L		11/20/24 07:01	12/14/24 16:14	1
4-Bromophenyl phenyl ether	<0.0989	U *+	0.563	0.0989	ug/L		11/20/24 07:01	12/14/24 16:14	1
4-Chloro-3-methylphenol	<0.102	U	0.563	0.102	ug/L		11/20/24 07:01	12/14/24 16:14	1
4-Chloroaniline	<0.0380	U	0.563	0.0380	ug/L		11/20/24 07:01	12/14/24 16:14	1
4-Chlorophenyl phenyl ether	<0.129	U	0.563	0.129	ug/L		11/20/24 07:01	12/14/24 16:14	1
4-Nitroaniline	<0.107	U	0.563	0.107	ug/L		11/20/24 07:01	12/14/24 16:14	1
Acenaphthene	<0.106	U	0.563	0.106	ug/L		11/20/24 07:01	12/14/24 16:14	1
Acenaphthylene	<0.0982	U	0.563	0.0982	ug/L		11/20/24 07:01	12/14/24 16:14	1
Aniline	<0.0571	U	0.563	0.0571	ug/L		11/20/24 07:01	12/14/24 16:14	1
Anthracene	**0.102**	**J**	0.563	0.0925	ug/L		11/20/24 07:01	12/14/24 16:14	1
Benzo[a]anthracene	<0.0282	U *+	0.0282	0.0282	ug/L		11/20/24 07:01	12/14/24 16:14	1
Benzo[a]pyrene	<0.0296	U	0.0563	0.0296	ug/L		11/20/24 07:01	12/14/24 16:14	1
Benzo[b]fluoranthene	<0.0655	U *+	0.563	0.0655	ug/L		11/20/24 07:01	12/14/24 16:14	1
Benzo[g,h,i]perylene	<0.0340	U	0.563	0.0340	ug/L		11/20/24 07:01	12/14/24 16:14	1
Benzo[k]fluoranthene	<0.0466	U *+	0.563	0.0466	ug/L		11/20/24 07:01	12/14/24 16:14	1
Benzyl alcohol	<0.592	U	1.13	0.592	ug/L		11/20/24 07:01	12/14/24 16:14	1
Bis(2-chloroethoxy)methane	<0.0961	U	0.563	0.0961	ug/L		11/20/24 07:01	12/14/24 16:14	1
Bis(2-chloroethyl)ether	<0.211	U *+	0.563	0.211	ug/L		11/20/24 07:01	12/14/24 16:14	1
Bis(2-ethylhexyl) phthalate	<0.887	U *+	1.13	0.887	ug/L		11/20/24 07:01	12/14/24 16:14	1
Butyl benzyl phthalate	<0.493	U	1.13	0.493	ug/L		11/20/24 07:01	12/14/24 16:14	1
Chrysene	<0.0804	U *+	0.563	0.0804	ug/L		11/20/24 07:01	12/14/24 16:14	1
Dibenz(a,h)anthracene	<0.0502	U	0.113	0.0502	ug/L		11/20/24 07:01	12/14/24 16:14	1
Dibenzofuran	<0.105	U *+	0.563	0.105	ug/L		11/20/24 07:01	12/14/24 16:14	1
Diethyl phthalate	<0.153	U *+	1.13	0.153	ug/L		11/20/24 07:01	12/14/24 16:14	1

Client Sample ID: MW-7
Lab Sample ID: 860-87121-6
Date Collected: 11/14/24 08:19
Matrix: Water
Date Received: 11/15/24 09:56

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	<0.107	U	1.13	0.107	ug/L		11/20/24 07:01	12/14/24 16:14	1
Di-n-butyl phthalate	<0.754	U *+	1.13	0.754	ug/L		11/20/24 07:01	12/14/24 16:14	1
Di-n-octyl phthalate	<0.265	U *+ *1	1.13	0.265	ug/L		11/20/24 07:01	12/14/24 16:14	1
Fluoranthene	<0.0871	U *+	0.563	0.0871	ug/L		11/20/24 07:01	12/14/24 16:14	1
Fluorene	<0.0935	U	0.563	0.0935	ug/L		11/20/24 07:01	12/14/24 16:14	1
Hexachlorobenzene	<0.0961	U	0.563	0.0961	ug/L		11/20/24 07:01	12/14/24 16:14	1
Hexachlorobutadiene	<0.101	U	0.563	0.101	ug/L		11/20/24 07:01	12/14/24 16:14	1
Hexachlorocyclopentadiene	<0.0505	U	0.563	0.0505	ug/L		11/20/24 07:01	12/14/24 16:14	1
Hexachloroethane	<0.100	U	0.563	0.100	ug/L		11/20/24 07:01	12/14/24 16:14	1
Indeno[1,2,3-cd]pyrene	<0.0986	U	0.563	0.0986	ug/L		11/20/24 07:01	12/14/24 16:14	1
Isophorone	<0.105	U	0.563	0.105	ug/L		11/20/24 07:01	12/14/24 16:14	1
Naphthalene	<0.0931	U	0.563	0.0931	ug/L		11/20/24 07:01	12/14/24 16:14	1
Nitrobenzene	<0.0726	U	0.563	0.0726	ug/L		11/20/24 07:01	12/14/24 16:14	1
N-Nitrosodi-n-propylamine	<0.117	U	0.563	0.117	ug/L		11/20/24 07:01	12/14/24 16:14	1
N-Nitrosodiphenylamine	<0.142	U *+	0.563	0.142	ug/L		11/20/24 07:01	12/14/24 16:14	1
Pentachlorophenol	<1.02	U	1.13	1.02	ug/L		11/20/24 07:01	12/14/24 16:14	1
Phenanthrene	<0.132	U	0.563	0.132	ug/L		11/20/24 07:01	12/14/24 16:14	1
Phenol	<1.13	U *1	1.13	1.13	ug/L		11/20/24 07:01	12/14/24 16:14	1
Pyrene	<0.0837	U *+	0.563	0.0837	ug/L		11/20/24 07:01	12/14/24 16:14	1
Pyridine	<1.42	U	2.82	1.42	ug/L		11/20/24 07:01	12/14/24 16:14	1
N-Nitro-o-toluidine	<0.513	U	1.13	0.513	ug/L		11/20/24 07:01	12/14/24 16:14	1
2,3,4,6-Tetrachlorophenol	<0.208	U *+	0.563	0.208	ug/L		11/20/24 07:01	12/14/24 16:14	1
Acetophenone	<0.615	U *+	1.13	0.615	ug/L		11/20/24 07:01	12/14/24 16:14	1
N-Nitrosopiperidine	<0.461	U	1.13	0.461	ug/L		11/20/24 07:01	12/14/24 16:14	1
Pentachlorobenzene	<0.262	U	0.563	0.262	ug/L		11/20/24 07:01	12/14/24 16:14	1
1,1'-Biphenyl	<0.0967	U	0.563	0.0967	ug/L		11/20/24 07:01	12/14/24 16:14	1
4-Aminobiphenyl	<0.388	U	0.563	0.388	ug/L		11/20/24 07:01	12/14/24 16:14	1
1,2,4,5-Tetrachlorobenzene	<0.0944	U	0.563	0.0944	ug/L		11/20/24 07:01	12/14/24 16:14	1
1,3,5-Trinitrobenzene	<0.117	U	0.563	0.117	ug/L		11/20/24 07:01	12/14/24 16:14	1
1,3-Dinitrobenzene	<0.0762	U	0.563	0.0762	ug/L		11/20/24 07:01	12/14/24 16:14	1
1,4-Naphthoquinone	<0.310	U	0.563	0.310	ug/L		11/20/24 07:01	12/14/24 16:14	1
1-Naphthylamine	<0.147	U	0.563	0.147	ug/L		11/20/24 07:01	12/14/24 16:14	1
2,6-Dichlorophenol	<0.117	U	0.563	0.117	ug/L		11/20/24 07:01	12/14/24 16:14	1
2-Acetylaminofluorene	<1.25	U *+	2.82	1.25	ug/L		11/20/24 07:01	12/14/24 16:14	1
2-Chlorophenol	<0.0746	U	0.563	0.0746	ug/L		11/20/24 07:01	12/14/24 16:14	1
2-Naphthylamine	<0.284	U	0.563	0.284	ug/L		11/20/24 07:01	12/14/24 16:14	1
2-Picoline	<0.121	U	0.563	0.121	ug/L		11/20/24 07:01	12/14/24 16:14	1
2-Toluidine	<0.302	U *- *1	0.563	0.302	ug/L		11/20/24 07:01	12/14/24 16:14	1
3,3'-Dichlorobenzidine	<0.181	U	0.563	0.181	ug/L		11/20/24 07:01	12/14/24 16:14	1
3,3'-Dimethylbenzidine	<0.140	U	0.563	0.140	ug/L		11/20/24 07:01	12/14/24 16:14	1
3-Methylcholanthrene	<0.103	U	0.563	0.103	ug/L		11/20/24 07:01	12/14/24 16:14	1
4-Nitroquinoline-1-oxide	<0.720	U	1.13	0.720	ug/L		11/20/24 07:01	12/14/24 16:14	1
7,12-Dimethylbenz(a)anthracene	<0.238	U *+	0.563	0.238	ug/L		11/20/24 07:01	12/14/24 16:14	1
alpha,alpha-Dimethyl phenethylamine	<3.62	U *-	5.63	3.62	ug/L		11/20/24 07:01	12/14/24 16:14	1
Aramite Peak 1	<0.0774	U *+	0.563	0.0774	ug/L		11/20/24 07:01	12/14/24 16:14	1
Aramite Peak 2	<0.0940	U *+	0.563	0.0940	ug/L		11/20/24 07:01	12/14/24 16:14	1
Aramite, Total	<0.0940	U	0.563	0.0940	ug/L		11/20/24 07:01	12/14/24 16:14	1
Diallate	<0.0823	U	0.563	0.0823	ug/L		11/20/24 07:01	12/14/24 16:14	1
Diallate Peak 1	**0.122**	**J I *+**	0.563	0.0823	ug/L		11/20/24 07:01	12/14/24 16:14	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87121-1

Client Sample ID: MW-7
Date Collected: 11/14/24 08:19
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diallate Peak 2	<0.0380	U	0.563	0.0380	ug/L		11/20/24 07:01	12/14/24 16:14	1
Dimethoate	<0.120	U *+	0.563	0.120	ug/L		11/20/24 07:01	12/14/24 16:14	1
Dinoseb	<0.562	U *+	2.82	0.562	ug/L		11/20/24 07:01	12/14/24 16:14	1
Disulfoton	<0.200	U *+	0.563	0.200	ug/L		11/20/24 07:01	12/14/24 16:14	1
Ethyl methanesulfonate	<0.223	U	0.563	0.223	ug/L		11/20/24 07:01	12/14/24 16:14	1
Ethyl Parathion	<0.0495	U *+	0.225	0.0495	ug/L		11/20/24 07:01	12/14/24 16:14	1
Famphur	<0.149	U *+	1.13	0.149	ug/L		11/20/24 07:01	12/14/24 16:14	1
Hexachloropropene	<0.296	U *-	0.563	0.296	ug/L		11/20/24 07:01	12/14/24 16:14	1
Isosafrole	<0.237	U	0.563	0.237	ug/L		11/20/24 07:01	12/14/24 16:14	1
Isosafrole Peak 1	<0.0457	U	0.563	0.0457	ug/L		11/20/24 07:01	12/14/24 16:14	1
Isosafrole Peak 2	<0.237	U	0.563	0.237	ug/L		11/20/24 07:01	12/14/24 16:14	1
Methapyrilene	<0.986	U *+	2.25	0.986	ug/L		11/20/24 07:01	12/14/24 16:14	1
Methyl methanesulfonate	<0.118	U	0.563	0.118	ug/L		11/20/24 07:01	12/14/24 16:14	1
Methyl parathion	<0.315	U *+	0.563	0.315	ug/L		11/20/24 07:01	12/14/24 16:14	1
N-Nitrosodiethylamine	<0.531	U	1.13	0.531	ug/L		11/20/24 07:01	12/14/24 16:14	1
N-Nitrosodimethylamine	<0.0986	U *-	0.563	0.0986	ug/L		11/20/24 07:01	12/14/24 16:14	1
N-Nitrosodi-n-butylamine	<0.508	U *+	1.13	0.508	ug/L		11/20/24 07:01	12/14/24 16:14	1
N-Nitrosomethylethylamine	<0.290	U	0.563	0.290	ug/L		11/20/24 07:01	12/14/24 16:14	1
N-Nitrosomorpholine	<0.217	U	0.563	0.217	ug/L		11/20/24 07:01	12/14/24 16:14	1
N-Nitrosopyrrolidine	<0.264	U	0.563	0.264	ug/L		11/20/24 07:01	12/14/24 16:14	1
o,o',o''-Triethylphosphorothioate	<0.136	U *+	0.563	0.136	ug/L		11/20/24 07:01	12/14/24 16:14	1
p-Dimethylamino azobenzene	<0.0234	U *+	0.563	0.0234	ug/L		11/20/24 07:01	12/14/24 16:14	1
Pentachloronitrobenzene	<0.0986	U *+	0.563	0.0986	ug/L		11/20/24 07:01	12/14/24 16:14	1
Phenacetin	<0.0986	U *+	0.563	0.0986	ug/L		11/20/24 07:01	12/14/24 16:14	1
Phorate	<0.218	U *+	0.563	0.218	ug/L		11/20/24 07:01	12/14/24 16:14	1
p-Phenylene diamine	<0.493	U *-	1.13	0.493	ug/L		11/20/24 07:01	12/14/24 16:14	1
Pronamide	<0.0986	U *+	0.563	0.0986	ug/L		11/20/24 07:01	12/14/24 16:14	1
Safrole, Total	<0.0563	U	0.563	0.0563	ug/L		11/20/24 07:01	12/14/24 16:14	1
Sulfotepp	<0.144	U *+	0.563	0.144	ug/L		11/20/24 07:01	12/14/24 16:14	1
Thionazin	<0.205	U *+	1.13	0.205	ug/L		11/20/24 07:01	12/14/24 16:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*130*		*35 - 130*	*11/20/24 07:01*	*12/14/24 16:14*	*1*
2-Fluorobiphenyl	*117*		*43 - 130*	*11/20/24 07:01*	*12/14/24 16:14*	*1*
2-Fluorophenol (Surr)	*99*		*19 - 120*	*11/20/24 07:01*	*12/14/24 16:14*	*1*
Nitrobenzene-d5 (Surr)	*146*	*S1+*	*37 - 133*	*11/20/24 07:01*	*12/14/24 16:14*	*1*
Phenol-d5 (Surr)	*67*		*8 - 124*	*11/20/24 07:01*	*12/14/24 16:14*	*1*
p-Terphenyl-d14	*151*	*S1+*	*47 - 130*	*11/20/24 07:01*	*12/14/24 16:14*	*1*

Surrogate Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87121-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
860-87121-1	TB-08 (111324)	102	99	100	101
860-87121-2	MW-16	102	104	106	101
860-87121-3	MW-14	103	102	99	102
860-87121-3 MS	MW-14	97	103	99	100
860-87121-4	MW-15	102	100	101	101
860-87121-5	MW-12	101	100	100	102
860-87121-6	MW-7	101	102	99	101
860-87323-E-1 MS	Matrix Spike	98	94	93	99
LCS 860-200630/1010	Lab Control Sample	100	102	99	100
LCS 860-200848/1011	Lab Control Sample	96	98	96	100
LCSD 860-200630/11	Lab Control Sample Dup	98	102	99	100
LCSD 860-200848/12	Lab Control Sample Dup	95	102	95	101
MB 860-200630/16	Method Blank	102	99	101	100
MB 860-200848/17	Method Blank	97	98	95	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(35-130)	(43-130)	(19-120)	(37-133)	(8-124)	(47-130)
860-87121-2	MW-16	126	81	62	102	42	103
860-87121-2 - DL	MW-16	333 I S1+	136 S1+	128 I S1+	211 S1+	100	218 S1+
860-87121-2 - RE	MW-16	229 I S1+	43 I	44 I	65	61 I	59
860-87121-3	MW-14	120	73	57	104	34	85
860-87121-3 - DL	MW-14	280 I S1+	154 S1+	110 I	215 S1+	77	215 S1+
860-87121-3 - RE	MW-14	175 I S1+	62	75	83	57 I	87
860-87121-4	MW-15	121	83	74	113	44	90
860-87121-4 - DL	MW-15	304 I S1+	107	106 I	173 S1+	98	183 S1+
860-87121-4 - RE	MW-15	224 I S1+	40 S1- I	69	74	59	65 I
860-87121-5	MW-12	123	101	62	125	36	105
860-87121-5 - RE	MW-12	143 S1+	127	92	156 S1+	54	184 S1+
860-87121-6	MW-7	116	101	74	119	49	117
860-87121-6 - RE	MW-7	130	117	99	146 S1+	67	151 S1+
LCS 860-200196/2-A	Lab Control Sample	111	108	50	112	30	115
LCS 860-200196/4-A	Lab Control Sample	109	107	51	115	34	101
LCS 860-200832/2-A	Lab Control Sample	133 S1+	113	71	112	50	96
LCS 860-200832/4-A	Lab Control Sample	133 S1+	101	76	111	64	104
LCSD 860-200196/3-A	Lab Control Sample Dup	113	103	46	108	28	117
LCSD 860-200196/5-A	Lab Control Sample Dup	107	105	47	113	28	105
LCSD 860-200832/3-A	Lab Control Sample Dup	148 S1+	118	68	109	46	96
LCSD 860-200832/5-A	Lab Control Sample Dup	127	93	72	112	53	94
MB 860-200196/1-A	Method Blank	97	97	55	100	35	103
MB 860-200832/1-A	Method Blank	138 S1+	126	67	100	45	99

Surrogate Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87121-1

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-200630/16
Matrix: Water
Analysis Batch: 200630

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/19/24 13:43	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/19/24 13:43	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/19/24 13:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/19/24 13:43	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/19/24 13:43	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/19/24 13:43	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/19/24 13:43	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/19/24 13:43	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/19/24 13:43	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/19/24 13:43	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/19/24 13:43	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/19/24 13:43	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/19/24 13:43	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/19/24 13:43	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/19/24 13:43	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/19/24 13:43	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/19/24 13:43	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/19/24 13:43	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/19/24 13:43	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/19/24 13:43	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/19/24 13:43	1
Acetone	<3.07	U	100	3.07	ug/L			11/19/24 13:43	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/19/24 13:43	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/19/24 13:43	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/19/24 13:43	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/19/24 13:43	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/19/24 13:43	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/19/24 13:43	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/19/24 13:43	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/19/24 13:43	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/19/24 13:43	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/19/24 13:43	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/19/24 13:43	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/19/24 13:43	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/19/24 13:43	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/19/24 13:43	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/19/24 13:43	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/19/24 13:43	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/19/24 13:43	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/19/24 13:43	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/19/24 13:43	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/19/24 13:43	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/19/24 13:43	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/19/24 13:43	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/19/24 13:43	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/19/24 13:43	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/19/24 13:43	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/19/24 13:43	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-200630/16
Matrix: Water
Analysis Batch: 200630

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/19/24 13:43	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/19/24 13:43	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/19/24 13:43	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/19/24 13:43	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/19/24 13:43	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/19/24 13:43	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/19/24 13:43	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/19/24 13:43	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/19/24 13:43	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/19/24 13:43	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/19/24 13:43	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/19/24 13:43	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/19/24 13:43	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/19/24 13:43	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/19/24 13:43	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/19/24 13:43	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/19/24 13:43	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/19/24 13:43	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/19/24 13:43	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/19/24 13:43	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/19/24 13:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*11/19/24 13:43*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*11/19/24 13:43*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/19/24 13:43*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/19/24 13:43*	*1*

Lab Sample ID: LCS 860-200630/1010
Matrix: Water
Analysis Batch: 200630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	57.85		ug/L		116	72 - 125
1,1,1-Trichloroethane	50.0	58.72		ug/L		117	70 - 130
1,1,2,2-Tetrachloroethane	50.0	54.35		ug/L		109	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	55.28		ug/L		111	60 - 140
1,1,2-Trichloroethane	50.0	56.75		ug/L		114	75 - 130
1,1-Dichloroethane	50.0	59.60		ug/L		119	71 - 130
1,1-Dichloroethene	50.0	55.93		ug/L		112	50 - 150
1,2,3-Trichloropropane	50.0	57.22		ug/L		114	75 - 125
1,2,4-Trimethylbenzene	50.0	56.72		ug/L		113	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	55.94		ug/L		112	59 - 125
1,2-Dibromoethane	50.0	56.26		ug/L		113	73 - 125
1,2-Dichloroethane	50.0	55.56		ug/L		111	72 - 130
1,2-Dichloropropane	50.0	57.15		ug/L		114	74 - 125
1,3,5-Trimethylbenzene	50.0	56.84		ug/L		114	60 - 140
1,3-Butadiene	50.0	52.70		ug/L		105	60 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-200630/1010
Matrix: Water
Analysis Batch: 200630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,2,4-Trimethylpentane	50.0	53.19		ug/L		106	70 - 130
2-Butanone (MEK)	250	260.6		ug/L		104	60 - 140
2-Hexanone (MBK)	250	272.1		ug/L		109	60 - 140
2-Propanol	500	535.3		ug/L		107	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	54.97		ug/L		110	70 - 130
4-Methyl-2-pentanone	250	271.3		ug/L		109	60 - 140
Acetone	250	265.5		ug/L		106	60 - 140
Acetonitrile	500	549.7		ug/L		110	60 - 140
Acrolein	250	274.0		ug/L		110	60 - 140
Acrylonitrile	500	543.9		ug/L		109	60 - 140
alpha-Chlorotoluene	50.0	56.15		ug/L		112	75 - 125
Benzene	50.0	57.32		ug/L		115	75 - 125
Bromodichloromethane	50.0	58.23		ug/L		116	75 - 125
Bromoform	50.0	54.94		ug/L		110	70 - 130
Bromomethane	50.0	44.31		ug/L		89	60 - 140
Carbon disulfide	50.0	60.01		ug/L		120	60 - 140
Carbon tetrachloride	50.0	56.34		ug/L		113	70 - 125
Chlorobenzene	50.0	56.38		ug/L		113	82 - 135
Chlorodibromomethane	50.0	58.19		ug/L		116	73 - 125
Chloroethane	50.0	53.36		ug/L		107	60 - 140
Chloroform	50.0	57.45		ug/L		115	70 - 121
Chloromethane	50.0	52.26		ug/L		105	60 - 140
Chloroprene	50.0	58.02		ug/L		116	70 - 130
cis-1,2-Dichloroethene	50.0	56.82		ug/L		114	75 - 125
cis-1,3-Dichloropropene	50.0	57.17		ug/L		114	74 - 125
Cumene (isopropylbenzene)	50.0	57.27		ug/L		115	75 - 125
Cyclohexane	50.0	54.09		ug/L		108	70 - 130
Dibromomethane	50.0	58.07		ug/L		116	69 - 127
Dichlorodifluoromethane	50.0	51.80		ug/L		104	50 - 150
Ethyl methacrylate	50.0	56.39		ug/L		113	70 - 130
Ethylbenzene	50.0	57.70		ug/L		115	75 - 125
Hexane	50.0	54.97		ug/L		110	72 - 125
Iodomethane	50.0	71.98	*+	ug/L		144	75 - 125
Isobutanol	1240	1358		ug/L		110	60 - 140
Methacrylonitrile	500	542.6		ug/L		109	70 - 130
Methyl methacrylate	100	109.8		ug/L		110	70 - 130
Methyl tert-butyl ether	50.0	56.13		ug/L		112	65 - 135
Methylene Chloride	50.0	55.94		ug/L		112	71 - 125
Propionitrile	500	535.8		ug/L		107	70 - 130
Propylbenzene	50.0	57.21		ug/L		114	75 - 125
Styrene	50.0	57.45		ug/L		115	75 - 125
Tetrachloroethene	50.0	58.25		ug/L		117	71 - 125
Tetrahydrofuran	100	103.5		ug/L		103	75 - 125
Toluene	50.0	57.15		ug/L		114	75 - 130
trans-1,2-Dichloroethene	50.0	55.73		ug/L		111	75 - 125
trans-1,3-Dichloropropene	50.0	56.82		ug/L		114	66 - 125
trans-1,4-Dichloro-2-butene	50.0	54.86		ug/L		110	70 - 130
Trichloroethene	50.0	59.54		ug/L		119	75 - 135
Trichlorofluoromethane	50.0	54.02		ug/L		108	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-200630/1010
Matrix: Water
Analysis Batch: 200630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Vinyl acetate			250	258.5		ug/L		103	60 - 140		
Vinyl chloride			50.0	52.33		ug/L		105	60 - 140		
Xylenes, Total			100	113.6		ug/L		114	75 - 125		
m,p-Xylenes			0.0500	0.05673		mg/L		113	75 - 125		
o-Xylene			0.0500	0.05690		mg/L		114	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 860-200630/11
Matrix: Water
Analysis Batch: 200630

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	54.22		ug/L		108	72 - 125	6	25
1,1,1-Trichloroethane			50.0	53.34		ug/L		107	70 - 130	10	25
1,1,2,2-Tetrachloroethane			50.0	52.93		ug/L		106	74 - 125	3	25
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	50.00		ug/L		100	60 - 140	10	25
1,1,2-Trichloroethane			50.0	53.20		ug/L		106	75 - 130	6	25
1,1-Dichloroethane			50.0	54.23		ug/L		108	71 - 130	9	25
1,1-Dichloroethene			50.0	49.55		ug/L		99	50 - 150	12	25
1,2,3-Trichloropropane			50.0	54.93		ug/L		110	75 - 125	4	25
1,2,4-Trimethylbenzene			50.0	54.47		ug/L		109	75 - 125	4	25
1,2-Dibromo-3-Chloropropane			50.0	53.95		ug/L		108	59 - 125	4	25
1,2-Dibromoethane			50.0	53.07		ug/L		106	73 - 125	6	25
1,2-Dichloroethane			50.0	52.14		ug/L		104	72 - 130	6	25
1,2-Dichloropropane			50.0	53.47		ug/L		107	74 - 125	7	25
1,3,5-Trimethylbenzene			50.0	54.46		ug/L		109	60 - 140	4	25
1,3-Butadiene			50.0	50.56		ug/L		101	60 - 150	4	25
2,2,4-Trimethylpentane			50.0	50.53		ug/L		101	70 - 130	5	25
2-Butanone (MEK)			250	246.5		ug/L		99	60 - 140	6	25
2-Hexanone (MBK)			250	254.8		ug/L		102	60 - 140	7	25
2-Propanol			500	501.7		ug/L		100	70 - 120	6	25
3-Chloropropene (Allyl Chloride)			50.0	51.91		ug/L		104	70 - 130	6	25
4-Methyl-2-pentanone			250	256.2		ug/L		102	60 - 140	6	25
Acetone			250	249.2		ug/L		100	60 - 140	6	25
Acetonitrile			500	519.1		ug/L		104	60 - 140	6	25
Acrolein			250	262.7		ug/L		105	60 - 140	4	25
Acrylonitrile			500	519.8		ug/L		104	60 - 140	5	25
alpha-Chlorotoluene			50.0	53.17		ug/L		106	75 - 125	5	25
Benzene			50.0	52.16		ug/L		104	75 - 125	9	25
Bromodichloromethane			50.0	54.63		ug/L		109	75 - 125	6	25
Bromoform			50.0	52.30		ug/L		105	70 - 130	5	25
Bromomethane			50.0	42.75		ug/L		85	60 - 140	4	25
Carbon disulfide			50.0	53.99		ug/L		108	60 - 140	11	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-200630/11
Matrix: Water
Analysis Batch: 200630

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride			50.0	51.29		ug/L		103	70 - 125	9	25
Chlorobenzene			50.0	52.39		ug/L		105	82 - 135	7	25
Chlorodibromomethane			50.0	55.15		ug/L		110	73 - 125	5	25
Chloroethane			50.0	51.64		ug/L		103	60 - 140	3	25
Chloroform			50.0	53.09		ug/L		106	70 - 121	8	25
Chloromethane			50.0	50.15		ug/L		100	60 - 140	4	25
Chloroprene			50.0	53.49		ug/L		107	70 - 130	8	25
cis-1,2-Dichloroethene			50.0	51.88		ug/L		104	75 - 125	9	25
cis-1,3-Dichloropropene			50.0	52.88		ug/L		106	74 - 125	8	25
Cumene (isopropylbenzene)			50.0	53.84		ug/L		108	75 - 125	6	25
Cyclohexane			50.0	49.87		ug/L		100	70 - 130	8	25
Dibromomethane			50.0	54.30		ug/L		109	69 - 127	7	25
Dichlorodifluoromethane			50.0	50.36		ug/L		101	50 - 150	3	25
Ethyl methacrylate			50.0	53.28		ug/L		107	70 - 130	6	25
Ethylbenzene			50.0	53.17		ug/L		106	75 - 125	8	25
Hexane			50.0	50.95		ug/L		102	72 - 125	8	25
Iodomethane			50.0	68.22	*+	ug/L		136	75 - 125	5	25
Isobutanol			1240	1258		ug/L		101	60 - 140	8	25
Methacrylonitrile			500	516.4		ug/L		103	70 - 130	5	25
Methyl methacrylate			100	103.9		ug/L		104	70 - 130	5	25
Methyl tert-butyl ether			50.0	53.18		ug/L		106	65 - 135	5	25
Methylene Chloride			50.0	50.39		ug/L		101	71 - 125	10	25
Propionitrile			500	515.5		ug/L		103	70 - 130	4	25
Propylbenzene			50.0	54.45		ug/L		109	75 - 125	5	25
Styrene			50.0	54.13		ug/L		108	75 - 125	6	25
Tetrachloroethene			50.0	53.83		ug/L		108	71 - 125	8	25
Tetrahydrofuran			100	100.8		ug/L		101	75 - 125	3	25
Toluene			50.0	52.51		ug/L		105	75 - 130	8	25
trans-1,2-Dichloroethene			50.0	50.54		ug/L		101	75 - 125	10	25
trans-1,3-Dichloropropene			50.0	53.20		ug/L		106	66 - 125	7	25
trans-1,4-Dichloro-2-butene			50.0	52.09		ug/L		104	70 - 130	5	25
Trichloroethene			50.0	54.92		ug/L		110	75 - 135	8	25
Trichlorofluoromethane			50.0	50.61		ug/L		101	60 - 140	7	25
Vinyl acetate			250	248.1		ug/L		99	60 - 140	4	25
Vinyl chloride			50.0	51.65		ug/L		103	60 - 140	1	25
Xylenes, Total			100	105.8		ug/L		106	75 - 125	7	25
m,p-Xylenes			0.0500	0.05322		mg/L		106	75 - 125	6	25
o-Xylene			0.0500	0.05262		mg/L		105	75 - 125	8	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-87121-3 MS
Matrix: Water
Analysis Batch: 200630

Client Sample ID: MW-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.644	U	50.0	57.69		ug/L		115	72 - 125
1,1,1-Trichloroethane	<0.585	U	50.0	60.18		ug/L		120	75 - 125
1,1,2,2-Tetrachloroethane	<0.470	U	50.0	54.88		ug/L		110	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	50.0	59.16		ug/L		118	60 - 140
1,1,2-Trichloroethane	<0.411	U	50.0	55.28		ug/L		111	75 - 127
1,1-Dichloroethane	<0.635	U	50.0	58.74		ug/L		117	72 - 125
1,1-Dichloroethene	<0.738	U	50.0	55.92		ug/L		112	59 - 172
1,2,3-Trichloropropane	<0.470	U	50.0	55.79		ug/L		112	75 - 125
1,2,4-Trimethylbenzene	<0.417	U	50.0	57.85		ug/L		116	75 - 125
1,2-Dibromo-3-Chloropropane	<0.671	U	50.0	52.71		ug/L		105	59 - 125
1,2-Dibromoethane	<0.999	U	50.0	54.59		ug/L		109	73 - 125
1,2-Dichloroethane	<0.372	U	50.0	54.02		ug/L		108	68 - 127
1,2-Dichloropropane	<0.556	U	50.0	57.16		ug/L		114	74 - 125
1,3,5-Trimethylbenzene	<0.411	U	50.0	58.54		ug/L		117	70 - 125
1,3-Butadiene	<0.568	U	50.0	53.19		ug/L		106	70 - 150
2,2,4-Trimethylpentane	<0.500	U	50.0	57.47		ug/L		115	70 - 130
2-Butanone (MEK)	<8.28	U	250	234.8		ug/L		94	60 - 140
2-Hexanone (MBK)	<5.00	U	250	256.4		ug/L		103	60 - 140
2-Propanol	<5.23	U	500	518.1		ug/L		104	70 - 120
3-Chloropropene (Allyl Chloride)	<0.597	U	50.0	53.63		ug/L		107	70 - 130
4-Methyl-2-pentanone	<5.00	U	250	261.0		ug/L		104	60 - 140
Acetone	35.6	J	250	259.5		ug/L		90	60 - 140
Acetonitrile	<14.6	U	500	536.3		ug/L		107	60 - 140
Acrolein	<11.1	U	250	265.4		ug/L		106	50 - 150
Acrylonitrile	<14.3	U	500	505.3		ug/L		101	50 - 150
alpha-Chlorotoluene	<2.26	U	50.0	61.94		ug/L		124	70 - 130
Benzene	<0.460	U	50.0	56.59		ug/L		113	66 - 142
Bromodichloromethane	<0.552	U	50.0	58.16		ug/L		116	75 - 125
Bromoform	<0.633	U	50.0	53.35		ug/L		107	75 - 125
Bromomethane	<1.42	U	50.0	42.70		ug/L		85	60 - 140
Carbon disulfide	<1.65	U	50.0	58.88		ug/L		118	60 - 140
Carbon tetrachloride	<0.896	U	50.0	58.87		ug/L		118	62 - 125
Chlorobenzene	<0.455	U	50.0	55.82		ug/L		112	60 - 133
Chlorodibromomethane	<0.547	U	50.0	58.18		ug/L		116	73 - 125
Chloroethane	<1.98	U	50.0	52.97		ug/L		106	60 - 140
Chloroform	<0.464	U	50.0	57.79		ug/L		116	70 - 130
Chloromethane	<2.04	U	50.0	48.52		ug/L		97	60 - 140
Chloroprene	<0.598	U	50.0	60.66		ug/L		121	70 - 130
cis-1,2-Dichloroethene	<0.457	U	50.0	57.30		ug/L		115	75 - 125
cis-1,3-Dichloropropene	<1.07	U	50.0	57.85		ug/L		116	74 - 125
Cumene (isopropylbenzene)	<0.592	U	50.0	58.13		ug/L		116	75 - 125
Cyclohexane	<1.29	U	50.0	57.97		ug/L		116	70 - 130
Dibromomethane	<0.357	U	50.0	56.24		ug/L		112	69 - 127
Dichlorodifluoromethane	<0.785	U	50.0	50.96		ug/L		102	70 - 130
Ethyl methacrylate	<1.12	U	50.0	55.76		ug/L		112	70 - 130
Ethylbenzene	<0.385	U	50.0	57.24		ug/L		114	75 - 125
Hexane	<0.517	U	50.0	58.82		ug/L		118	72 - 125
Iodomethane	<5.00	U F1 *+	50.0	73.26	F1	ug/L		147	75 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-87121-3 MS
Matrix: Water
Analysis Batch: 200630

Client Sample ID: MW-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Isobutanol	<17.1	U	1240	1158		ug/L		93	60 - 140
Methacrylonitrile	<2.72	U	500	512.1		ug/L		102	70 - 130
Methyl methacrylate	<2.25	U	100	106.2		ug/L		106	70 - 130
Methyl tert-butyl ether	<1.39	U	50.0	55.76		ug/L		112	65 - 135
Methylene Chloride	<1.73	U	50.0	53.90		ug/L		108	75 - 125
Propionitrile	<3.34	U	500	498.4		ug/L		100	70 - 130
Propylbenzene	<0.429	U	50.0	58.85		ug/L		118	75 - 125
Styrene	<0.619	U	50.0	57.13		ug/L		114	75 - 125
Tetrachloroethene	<0.655	U	50.0	59.31		ug/L		119	71 - 125
Tetrahydrofuran	<1.83	U	100	96.61		ug/L		97	75 - 125
Toluene	<0.475	U	50.0	56.15		ug/L		112	59 - 139
trans-1,2-Dichloroethene	<0.368	U	50.0	55.62		ug/L		111	75 - 125
trans-1,3-Dichloropropene	<1.27	U	50.0	56.84		ug/L		114	66 - 125
trans-1,4-Dichloro-2-butene	<1.35	U	50.0	50.25		ug/L		101	70 - 130
Trichloroethene	<1.50	U	50.0	58.70		ug/L		117	62 - 137
Trichlorofluoromethane	<0.560	U	50.0	56.26		ug/L		113	60 - 140
Vinyl acetate	<2.14	U	250	283.0		ug/L		113	60 - 140
Vinyl chloride	<0.428	U	50.0	52.49		ug/L		105	60 - 140
Xylenes, Total	<1.24	U	100	113.1		ug/L		113	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.05675		mg/L		114	75 - 125
o-Xylene	<0.000502	U	0.0500	0.05630		mg/L		113	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: MB 860-200848/17
Matrix: Water
Analysis Batch: 200848

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/20/24 15:10	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/20/24 15:10	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/20/24 15:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/20/24 15:10	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/20/24 15:10	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/20/24 15:10	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/20/24 15:10	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/20/24 15:10	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/20/24 15:10	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/20/24 15:10	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/20/24 15:10	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/20/24 15:10	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/20/24 15:10	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/20/24 15:10	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/20/24 15:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-200848/17
Matrix: Water
Analysis Batch: 200848

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/20/24 15:10	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/20/24 15:10	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/20/24 15:10	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/20/24 15:10	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/20/24 15:10	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/20/24 15:10	1
Acetone	<3.07	U	100	3.07	ug/L			11/20/24 15:10	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/20/24 15:10	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/20/24 15:10	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/20/24 15:10	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/20/24 15:10	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/20/24 15:10	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/20/24 15:10	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/20/24 15:10	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/20/24 15:10	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/20/24 15:10	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/20/24 15:10	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/20/24 15:10	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/20/24 15:10	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/20/24 15:10	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/20/24 15:10	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/20/24 15:10	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/20/24 15:10	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/20/24 15:10	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/20/24 15:10	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/20/24 15:10	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/20/24 15:10	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/20/24 15:10	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/20/24 15:10	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/20/24 15:10	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/20/24 15:10	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/20/24 15:10	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/20/24 15:10	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/20/24 15:10	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/20/24 15:10	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/20/24 15:10	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/20/24 15:10	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/20/24 15:10	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/20/24 15:10	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/20/24 15:10	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/20/24 15:10	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/20/24 15:10	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/20/24 15:10	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/20/24 15:10	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/20/24 15:10	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/20/24 15:10	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/20/24 15:10	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/20/24 15:10	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/20/24 15:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-200848/17
Matrix: Water
Analysis Batch: 200848

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/20/24 15:10	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/20/24 15:10	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/20/24 15:10	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/20/24 15:10	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/20/24 15:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*		*11/20/24 15:10*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*11/20/24 15:10*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 131*		*11/20/24 15:10*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/20/24 15:10*	*1*

Lab Sample ID: LCS 860-200848/1011
Matrix: Water
Analysis Batch: 200848

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	55.00		ug/L		110	72 - 125
1,1,1-Trichloroethane	50.0	51.72		ug/L		103	70 - 130
1,1,2,2-Tetrachloroethane	50.0	47.60		ug/L		95	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.50		ug/L		95	60 - 140
1,1,2-Trichloroethane	50.0	50.15		ug/L		100	75 - 130
1,1-Dichloroethane	50.0	43.29		ug/L		87	71 - 130
1,1-Dichloroethene	50.0	51.52		ug/L		103	50 - 150
1,2,3-Trichloropropane	50.0	48.33		ug/L		97	75 - 125
1,2,4-Trimethylbenzene	50.0	54.38		ug/L		109	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	49.62		ug/L		99	59 - 125
1,2-Dibromoethane	50.0	52.16		ug/L		104	73 - 125
1,2-Dichloroethane	50.0	51.42		ug/L		103	72 - 130
1,2-Dichloropropane	50.0	50.94		ug/L		102	74 - 125
1,3,5-Trimethylbenzene	50.0	53.29		ug/L		107	60 - 140
1,3-Butadiene	50.0	49.23		ug/L		98	60 - 150
2,2,4-Trimethylpentane	50.0	47.65		ug/L		95	70 - 130
2-Butanone (MEK)	250	241.4		ug/L		97	60 - 140
2-Hexanone (MBK)	250	237.7		ug/L		95	60 - 140
2-Propanol	500	477.6		ug/L		96	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	47.64		ug/L		95	70 - 130
4-Methyl-2-pentanone	250	237.5		ug/L		95	60 - 140
Acetone	250	246.9		ug/L		99	60 - 140
Acetonitrile	500	558.2		ug/L		112	60 - 140
Acrolein	250	228.6		ug/L		91	60 - 140
Acrylonitrile	500	493.9		ug/L		99	60 - 140
alpha-Chlorotoluene	50.0	49.39		ug/L		99	75 - 125
Benzene	50.0	52.41		ug/L		105	75 - 125
Bromodichloromethane	50.0	53.10		ug/L		106	75 - 125
Bromoform	50.0	53.70		ug/L		107	70 - 130
Bromomethane	50.0	49.55		ug/L		99	60 - 140
Carbon disulfide	50.0	47.54		ug/L		95	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-200848/1011
Matrix: Water
Analysis Batch: 200848

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon tetrachloride	50.0	51.32		ug/L		103	70 - 125
Chlorobenzene	50.0	54.56		ug/L		109	82 - 135
Chlorodibromomethane	50.0	53.62		ug/L		107	73 - 125
Chloroethane	50.0	52.49		ug/L		105	60 - 140
Chloroform	50.0	52.27		ug/L		105	70 - 121
Chloromethane	50.0	47.42		ug/L		95	60 - 140
Chloroprene	50.0	51.18		ug/L		102	70 - 130
cis-1,2-Dichloroethene	50.0	43.77		ug/L		88	75 - 125
cis-1,3-Dichloropropene	50.0	53.35		ug/L		107	74 - 125
Cumene (isopropylbenzene)	50.0	54.57		ug/L		109	75 - 125
Cyclohexane	50.0	49.15		ug/L		98	70 - 130
Dibromomethane	50.0	53.65		ug/L		107	69 - 127
Dichlorodifluoromethane	50.0	48.62		ug/L		97	50 - 150
Ethyl methacrylate	50.0	53.22		ug/L		106	70 - 130
Ethylbenzene	50.0	54.16		ug/L		108	75 - 125
Hexane	50.0	45.84		ug/L		92	72 - 125
Iodomethane	50.0	43.54		ug/L		87	75 - 125
Isobutanol	1240	1146		ug/L		92	60 - 140
Methacrylonitrile	500	498.9		ug/L		100	70 - 130
Methyl methacrylate	100	102.1		ug/L		102	70 - 130
Methyl tert-butyl ether	50.0	50.60		ug/L		101	65 - 135
Methylene Chloride	50.0	50.96		ug/L		102	71 - 125
Propionitrile	500	476.1		ug/L		95	70 - 130
Propylbenzene	50.0	53.20		ug/L		106	75 - 125
Styrene	50.0	51.05		ug/L		102	75 - 125
Tetrachloroethene	50.0	53.42		ug/L		107	71 - 125
Tetrahydrofuran	100	93.74		ug/L		94	75 - 125
Toluene	50.0	54.44		ug/L		109	75 - 130
trans-1,2-Dichloroethene	50.0	52.58		ug/L		105	75 - 125
trans-1,3-Dichloropropene	50.0	53.61		ug/L		107	66 - 125
trans-1,4-Dichloro-2-butene	50.0	49.53		ug/L		99	70 - 130
Trichloroethene	50.0	55.90		ug/L		112	75 - 135
Trichlorofluoromethane	50.0	49.66		ug/L		99	60 - 140
Vinyl acetate	250	208.3		ug/L		83	60 - 140
Vinyl chloride	50.0	49.63		ug/L		99	60 - 140
Xylenes, Total	100	109.0		ug/L		109	75 - 125
m,p-Xylenes	0.0500	0.05474		mg/L		109	75 - 125
o-Xylene	0.0500	0.05427		mg/L		109	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 144*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-200848/12
Matrix: Water
Analysis Batch: 200848

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	51.94		ug/L		104	72 - 125	6	25
1,1,1-Trichloroethane			50.0	47.27		ug/L		95	70 - 130	9	25
1,1,2,2-Tetrachloroethane			50.0	48.56		ug/L		97	74 - 125	2	25
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	38.91		ug/L		78	60 - 140	20	25
1,1,2-Trichloroethane			50.0	49.05		ug/L		98	75 - 130	2	25
1,1-Dichloroethane			50.0	39.85		ug/L		80	71 - 130	8	25
1,1-Dichloroethene			50.0	44.10		ug/L		88	50 - 150	16	25
1,2,3-Trichloropropane			50.0	50.36		ug/L		101	75 - 125	4	25
1,2,4-Trimethylbenzene			50.0	52.71		ug/L		105	75 - 125	3	25
1,2-Dibromo-3-Chloropropane			50.0	52.41		ug/L		105	59 - 125	5	25
1,2-Dibromoethane			50.0	51.24		ug/L		102	73 - 125	2	25
1,2-Dichloroethane			50.0	49.39		ug/L		99	72 - 130	4	25
1,2-Dichloropropane			50.0	47.81		ug/L		96	74 - 125	6	25
1,3,5-Trimethylbenzene			50.0	51.69		ug/L		103	60 - 140	3	25
1,3-Butadiene			50.0	42.72		ug/L		85	60 - 150	14	25
2,2,4-Trimethylpentane			50.0	40.29		ug/L		81	70 - 130	17	25
2-Butanone (MEK)			250	239.4		ug/L		96	60 - 140	1	25
2-Hexanone (MBK)			250	235.7		ug/L		94	60 - 140	1	25
2-Propanol			500	456.8		ug/L		91	70 - 120	4	25
3-Chloropropene (Allyl Chloride)			50.0	49.33		ug/L		99	70 - 130	3	25
4-Methyl-2-pentanone			250	236.4		ug/L		95	60 - 140	0	25
Acetone			250	246.3		ug/L		99	60 - 140	0	25
Acetonitrile			500	537.6		ug/L		108	60 - 140	4	25
Acrolein			250	221.3		ug/L		89	60 - 140	3	25
Acrylonitrile			500	501.3		ug/L		100	60 - 140	2	25
alpha-Chlorotoluene			50.0	48.26		ug/L		97	75 - 125	2	25
Benzene			50.0	48.37		ug/L		97	75 - 125	8	25
Bromodichloromethane			50.0	50.17		ug/L		100	75 - 125	6	25
Bromoform			50.0	53.55		ug/L		107	70 - 130	0	25
Bromomethane			50.0	45.22		ug/L		90	60 - 140	9	25
Carbon disulfide			50.0	42.33		ug/L		85	60 - 140	12	25
Carbon tetrachloride			50.0	45.47		ug/L		91	70 - 125	12	25
Chlorobenzene			50.0	50.59		ug/L		101	82 - 135	8	25
Chlorodibromomethane			50.0	51.83		ug/L		104	73 - 125	3	25
Chloroethane			50.0	46.89		ug/L		94	60 - 140	11	25
Chloroform			50.0	48.00		ug/L		96	70 - 121	9	25
Chloromethane			50.0	46.31		ug/L		93	60 - 140	2	25
Chloroprene			50.0	45.76		ug/L		92	70 - 130	11	25
cis-1,2-Dichloroethene			50.0	40.85		ug/L		82	75 - 125	7	25
cis-1,3-Dichloropropene			50.0	50.71		ug/L		101	74 - 125	5	25
Cumene (isopropylbenzene)			50.0	49.76		ug/L		100	75 - 125	9	25
Cyclohexane			50.0	41.70		ug/L		83	70 - 130	16	25
Dibromomethane			50.0	50.72		ug/L		101	69 - 127	6	25
Dichlorodifluoromethane			50.0	40.44		ug/L		81	50 - 150	18	25
Ethyl methacrylate			50.0	52.33		ug/L		105	70 - 130	2	25
Ethylbenzene			50.0	49.82		ug/L		100	75 - 125	8	25
Hexane			50.0	39.60		ug/L		79	72 - 125	15	25
Iodomethane			50.0	38.55		ug/L		77	75 - 125	12	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-200848/12
Matrix: Water
Analysis Batch: 200848

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isobutanol			1240	1128		ug/L		91	60 - 140	2	25
Methacrylonitrile			500	492.1		ug/L		98	70 - 130	1	25
Methyl methacrylate			100	100.3		ug/L		100	70 - 130	2	25
Methyl tert-butyl ether			50.0	49.24		ug/L		98	65 - 135	3	25
Methylene Chloride			50.0	48.32		ug/L		97	71 - 125	5	25
Propionitrile			500	451.9		ug/L		90	70 - 130	5	25
Propylbenzene			50.0	50.89		ug/L		102	75 - 125	4	25
Styrene			50.0	47.29		ug/L		95	75 - 125	8	25
Tetrachloroethene			50.0	48.87		ug/L		98	71 - 125	9	25
Tetrahydrofuran			100	87.69		ug/L		88	75 - 125	7	25
Toluene			50.0	50.32		ug/L		101	75 - 130	8	25
trans-1,2-Dichloroethene			50.0	47.13		ug/L		94	75 - 125	11	25
trans-1,3-Dichloropropene			50.0	51.82		ug/L		104	66 - 125	3	25
trans-1,4-Dichloro-2-butene			50.0	51.72		ug/L		103	70 - 130	4	25
Trichloroethene			50.0	51.29		ug/L		103	75 - 135	9	25
Trichlorofluoromethane			50.0	43.21		ug/L		86	60 - 140	14	25
Vinyl acetate			250	183.4		ug/L		73	60 - 140	13	25
Vinyl chloride			50.0	44.34		ug/L		89	60 - 140	11	25
Xylenes, Total			100	99.82		ug/L		100	75 - 125	9	25
m,p-Xylenes			0.0500	0.04979		mg/L		100	75 - 125	9	25
o-Xylene			0.0500	0.05003		mg/L		100	75 - 125	8	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*63 - 144*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 860-87323-E-1 MS
Matrix: Water
Analysis Batch: 200848

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.644	U	50.0	50.41		ug/L		101	72 - 125
1,1,1-Trichloroethane	<0.585	U	50.0	45.03		ug/L		90	75 - 125
1,1,2,2-Tetrachloroethane	<0.470	U	50.0	56.11		ug/L		112	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	50.0	40.73		ug/L		81	60 - 140
1,1,2-Trichloroethane	<0.411	U	50.0	50.90		ug/L		102	75 - 127
1,1-Dichloroethane	<0.635	U F1	50.0	35.70	F1	ug/L		71	72 - 125
1,1-Dichloroethene	<0.738	U	50.0	40.07		ug/L		80	59 - 172
1,2,3-Trichloropropane	<0.470	U	50.0	55.45		ug/L		111	75 - 125
1,2,4-Trimethylbenzene	<0.417	U	50.0	46.78		ug/L		94	75 - 125
1,2-Dibromo-3-Chloropropane	<0.671	U F1	50.0	66.98	F1	ug/L		134	59 - 125
1,2-Dibromoethane	<0.999	U	50.0	54.46		ug/L		109	73 - 125
1,2-Dichloroethane	1.08		50.0	50.86		ug/L		100	68 - 127
1,2-Dichloropropane	<0.556	U	50.0	45.12		ug/L		90	74 - 125
1,3,5-Trimethylbenzene	<0.411	U	50.0	45.99		ug/L		92	70 - 125
1,3-Butadiene	<0.568	U	50.0	41.10		ug/L		82	70 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-87323-E-1 MS
Matrix: Water
Analysis Batch: 200848

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,2,4-Trimethylpentane	<0.500	U	50.0	38.61		ug/L		77	70 - 130
2-Butanone (MEK)	<8.28	U	250	310.0		ug/L		124	60 - 140
2-Hexanone (MBK)	<5.00	U	250	323.0		ug/L		129	60 - 140
2-Propanol	<5.23	U	500	566.8		ug/L		113	70 - 120
3-Chloropropene (Allyl Chloride)	<0.597	U	50.0	38.10		ug/L		76	70 - 130
4-Methyl-2-pentanone	<5.00	U	250	319.1		ug/L		128	60 - 140
Acetone	8.37	J	250	305.8		ug/L		119	60 - 140
Acetonitrile	<14.6	U	500	442.0		ug/L		88	60 - 140
Acrolein	<11.1	U F1	250	18.84	J F1	ug/L		8	50 - 150
Acrylonitrile	<14.3	U	500	523.0		ug/L		105	50 - 150
alpha-Chlorotoluene	<2.26	U	50.0	54.65		ug/L		109	70 - 130
Benzene	<0.460	U	50.0	46.04		ug/L		92	66 - 142
Bromodichloromethane	4.41		50.0	53.75		ug/L		99	75 - 125
Bromoform	<0.633	U	50.0	59.13		ug/L		118	75 - 125
Bromomethane	<1.42	U	50.0	41.74		ug/L		83	60 - 140
Carbon disulfide	<1.65	U	50.0	33.79		ug/L		68	60 - 140
Carbon tetrachloride	<0.896	U	50.0	44.89		ug/L		90	62 - 125
Chlorobenzene	<0.455	U	50.0	48.60		ug/L		97	60 - 133
Chlorodibromomethane	2.36	J	50.0	54.78		ug/L		105	73 - 125
Chloroethane	<1.98	U	50.0	44.56		ug/L		89	60 - 140
Chloroform	7.55		50.0	52.00		ug/L		89	70 - 130
Chloromethane	<2.04	U	50.0	39.08		ug/L		78	60 - 140
Chloroprene	<0.598	U	50.0	41.49		ug/L		83	70 - 130
cis-1,2-Dichloroethene	<0.457	U	50.0	37.64		ug/L		75	75 - 125
cis-1,3-Dichloropropene	<1.07	U	50.0	49.34		ug/L		99	74 - 125
Cumene (isopropylbenzene)	<0.592	U	50.0	47.35		ug/L		95	75 - 125
Cyclohexane	<1.29	U	50.0	40.15		ug/L		80	70 - 130
Dibromomethane	<0.357	U	50.0	52.79		ug/L		106	69 - 127
Dichlorodifluoromethane	<0.785	U	50.0	44.81		ug/L		90	70 - 130
Ethyl methacrylate	<1.12	U	50.0	60.61		ug/L		121	70 - 130
Ethylbenzene	<0.385	U	50.0	46.95		ug/L		94	75 - 125
Hexane	<0.517	U	50.0	36.74		ug/L		73	72 - 125
Iodomethane	<5.00	U F1	50.0	37.12	F1	ug/L		74	75 - 125
Isobutanol	<17.1	U	1240	1386		ug/L		112	60 - 140
Methacrylonitrile	<2.72	U	500	554.1		ug/L		111	70 - 130
Methyl methacrylate	<2.25	U	100	121.0		ug/L		121	70 - 130
Methyl tert-butyl ether	<1.39	U	50.0	53.73		ug/L		107	65 - 135
Methylene Chloride	<1.73	U F1	50.0	37.13	F1	ug/L		74	75 - 125
Propionitrile	<3.34	U	500	548.4		ug/L		110	70 - 130
Propylbenzene	<0.429	U	50.0	44.59		ug/L		89	75 - 125
Styrene	<0.619	U	50.0	45.82		ug/L		92	75 - 125
Tetrachloroethene	<0.655	U	50.0	46.37		ug/L		93	71 - 125
Tetrahydrofuran	<1.83	U	100	110.9		ug/L		111	75 - 125
Toluene	<0.475	U	50.0	47.44		ug/L		95	59 - 139
trans-1,2-Dichloroethene	1.74		50.0	46.20		ug/L		89	75 - 125
trans-1,3-Dichloropropene	<1.27	U	50.0	51.13		ug/L		102	66 - 125
trans-1,4-Dichloro-2-butene	<1.35	U	50.0	58.76		ug/L		118	70 - 130
Trichloroethene	<1.50	U	50.0	48.15		ug/L		96	62 - 137
Trichlorofluoromethane	<0.560	U	50.0	43.29		ug/L		87	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-87323-E-1 MS
Matrix: Water
Analysis Batch: 200848

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Vinyl acetate	<2.14	U	250	259.8		ug/L		104	60 - 140
Vinyl chloride	<0.428	U	50.0	42.97		ug/L		86	60 - 140
Xylenes, Total	<1.24	U	100	95.93		ug/L		96	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.04767		mg/L		95	75 - 125
o-Xylene	<0.000502	U	0.0500	0.04826		mg/L		97	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*94*		*74 - 124*
Dibromofluoromethane (Surr)	*93*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-200196/1-A
Matrix: Water
Analysis Batch: 200203

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200196

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/16/24 05:06	11/16/24 20:39	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/16/24 05:06	11/16/24 20:39	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/16/24 05:06	11/16/24 20:39	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/16/24 05:06	11/16/24 20:39	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		11/16/24 05:06	11/16/24 20:39	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/16/24 05:06	11/16/24 20:39	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/16/24 05:06	11/16/24 20:39	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/16/24 05:06	11/16/24 20:39	1
2,4-Dimethylphenol	<0.192	U	0.571	0.192	ug/L		11/16/24 05:06	11/16/24 20:39	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		11/16/24 05:06	11/16/24 20:39	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/16/24 05:06	11/16/24 20:39	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/16/24 05:06	11/16/24 20:39	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/16/24 05:06	11/16/24 20:39	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/16/24 05:06	11/16/24 20:39	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/16/24 05:06	11/16/24 20:39	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/16/24 05:06	11/16/24 20:39	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/16/24 05:06	11/16/24 20:39	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/16/24 05:06	11/16/24 20:39	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/16/24 05:06	11/16/24 20:39	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/16/24 05:06	11/16/24 20:39	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/16/24 05:06	11/16/24 20:39	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/16/24 05:06	11/16/24 20:39	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/16/24 05:06	11/16/24 20:39	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/16/24 05:06	11/16/24 20:39	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/16/24 05:06	11/16/24 20:39	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/16/24 05:06	11/16/24 20:39	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/16/24 05:06	11/16/24 20:39	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/16/24 05:06	11/16/24 20:39	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/16/24 05:06	11/16/24 20:39	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/16/24 05:06	11/16/24 20:39	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-200196/1-A
Matrix: Water
Analysis Batch: 200203

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200196

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/16/24 05:06	11/16/24 20:39	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/16/24 05:06	11/16/24 20:39	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/16/24 05:06	11/16/24 20:39	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/16/24 05:06	11/16/24 20:39	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/16/24 05:06	11/16/24 20:39	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		11/16/24 05:06	11/16/24 20:39	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/16/24 05:06	11/16/24 20:39	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/16/24 05:06	11/16/24 20:39	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/16/24 05:06	11/16/24 20:39	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/16/24 05:06	11/16/24 20:39	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/16/24 05:06	11/16/24 20:39	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/16/24 05:06	11/16/24 20:39	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		11/16/24 05:06	11/16/24 20:39	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/16/24 05:06	11/16/24 20:39	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/16/24 05:06	11/16/24 20:39	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/16/24 05:06	11/16/24 20:39	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/16/24 05:06	11/16/24 20:39	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/16/24 05:06	11/16/24 20:39	1
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/16/24 05:06	11/16/24 20:39	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/16/24 05:06	11/16/24 20:39	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/16/24 05:06	11/16/24 20:39	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/16/24 05:06	11/16/24 20:39	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/16/24 05:06	11/16/24 20:39	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/16/24 05:06	11/16/24 20:39	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/16/24 05:06	11/16/24 20:39	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		11/16/24 05:06	11/16/24 20:39	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/16/24 05:06	11/16/24 20:39	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/16/24 05:06	11/16/24 20:39	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/16/24 05:06	11/16/24 20:39	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/16/24 05:06	11/16/24 20:39	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/16/24 05:06	11/16/24 20:39	1
Phenol	<1.14	U	1.14	1.14	ug/L		11/16/24 05:06	11/16/24 20:39	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/16/24 05:06	11/16/24 20:39	1
Pyridine	<1.44	U	2.86	1.44	ug/L		11/16/24 05:06	11/16/24 20:39	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/16/24 05:06	11/16/24 20:39	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/16/24 05:06	11/16/24 20:39	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/16/24 05:06	11/16/24 20:39	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/16/24 05:06	11/16/24 20:39	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/16/24 05:06	11/16/24 20:39	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		11/16/24 05:06	11/16/24 20:39	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/16/24 05:06	11/16/24 20:39	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/16/24 05:06	11/16/24 20:39	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/16/24 05:06	11/16/24 20:39	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/16/24 05:06	11/16/24 20:39	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/16/24 05:06	11/16/24 20:39	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/16/24 05:06	11/16/24 20:39	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/16/24 05:06	11/16/24 20:39	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/16/24 05:06	11/16/24 20:39	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		11/16/24 05:06	11/16/24 20:39	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-200196/1-A
Matrix: Water
Analysis Batch: 200203

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200196

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/16/24 05:06	11/16/24 20:39	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/16/24 05:06	11/16/24 20:39	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/16/24 05:06	11/16/24 20:39	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/16/24 05:06	11/16/24 20:39	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/16/24 05:06	11/16/24 20:39	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/16/24 05:06	11/16/24 20:39	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/16/24 05:06	11/16/24 20:39	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/16/24 05:06	11/16/24 20:39	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/16/24 05:06	11/16/24 20:39	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		11/16/24 05:06	11/16/24 20:39	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		11/16/24 05:06	11/16/24 20:39	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/16/24 05:06	11/16/24 20:39	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/16/24 05:06	11/16/24 20:39	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/16/24 05:06	11/16/24 20:39	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/16/24 05:06	11/16/24 20:39	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/16/24 05:06	11/16/24 20:39	1
Dimethoate	<0.122	U	0.571	0.122	ug/L		11/16/24 05:06	11/16/24 20:39	1
Dinoseb	<0.570	U	2.86	0.570	ug/L		11/16/24 05:06	11/16/24 20:39	1
Disulfoton	<0.203	U	0.571	0.203	ug/L		11/16/24 05:06	11/16/24 20:39	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/16/24 05:06	11/16/24 20:39	1
Ethyl Parathion	<0.0502	U	0.229	0.0502	ug/L		11/16/24 05:06	11/16/24 20:39	1
Famphur	<0.151	U	1.14	0.151	ug/L		11/16/24 05:06	11/16/24 20:39	1
Hexachloropropene	<0.300	U	0.571	0.300	ug/L		11/16/24 05:06	11/16/24 20:39	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/16/24 05:06	11/16/24 20:39	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/16/24 05:06	11/16/24 20:39	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/16/24 05:06	11/16/24 20:39	1
Methapyrilene	<1.00	U	2.29	1.00	ug/L		11/16/24 05:06	11/16/24 20:39	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/16/24 05:06	11/16/24 20:39	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		11/16/24 05:06	11/16/24 20:39	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/16/24 05:06	11/16/24 20:39	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		11/16/24 05:06	11/16/24 20:39	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/16/24 05:06	11/16/24 20:39	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/16/24 05:06	11/16/24 20:39	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/16/24 05:06	11/16/24 20:39	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		11/16/24 05:06	11/16/24 20:39	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		11/16/24 05:06	11/16/24 20:39	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		11/16/24 05:06	11/16/24 20:39	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/16/24 05:06	11/16/24 20:39	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/16/24 05:06	11/16/24 20:39	1
Phorate	<0.221	U	0.571	0.221	ug/L		11/16/24 05:06	11/16/24 20:39	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		11/16/24 05:06	11/16/24 20:39	1
Pronamide	<0.100	U	0.571	0.100	ug/L		11/16/24 05:06	11/16/24 20:39	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/16/24 05:06	11/16/24 20:39	1
Sulfotepp	<0.147	U	0.571	0.147	ug/L		11/16/24 05:06	11/16/24 20:39	1
Thionazin	<0.208	U	1.14	0.208	ug/L		11/16/24 05:06	11/16/24 20:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*35 - 130*	*11/16/24 05:06*	*11/16/24 20:39*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-200196/1-A
Matrix: Water
Analysis Batch: 200203

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200196

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	97		43 - 130	11/16/24 05:06	11/16/24 20:39	1
2-Fluorophenol (Surr)	55		19 - 120	11/16/24 05:06	11/16/24 20:39	1
Nitrobenzene-d5 (Surr)	100		37 - 133	11/16/24 05:06	11/16/24 20:39	1
Phenol-d5 (Surr)	35		8 - 124	11/16/24 05:06	11/16/24 20:39	1
p-Terphenyl-d14	103		47 - 130	11/16/24 05:06	11/16/24 20:39	1

Lab Sample ID: LCS 860-200196/2-A
Matrix: Water
Analysis Batch: 200203

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200196

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	2.86	1.478		ug/L		52	32 - 130
1,2-Dichlorobenzene	2.86	1.744		ug/L		61	32 - 130
1,3-Dichlorobenzene	2.86	1.508		ug/L		53	26 - 130
1,4-Dichlorobenzene	2.86	1.596		ug/L		56	28 - 130
2,2'-oxybis[1-chloropropane]	2.86	3.887	I	ug/L		136	10 - 173
2,4,5-Trichlorophenol	2.86	3.414		ug/L		120	35 - 130
2,4,6-Trichlorophenol	2.86	3.167		ug/L		111	52 - 129
2,4-Dichlorophenol	2.86	2.982		ug/L		104	53 - 122
2,4-Dimethylphenol	2.86	3.696	*+	ug/L		129	42 - 120
1,4-Dioxane	2.86	0.8189		ug/L		29	27 - 130
2,4-Dinitrophenol	2.86	1.818	J	ug/L		64	12 - 173
2,4-Dinitrotoluene	2.86	3.367		ug/L		118	48 - 127
2,6-Dinitrotoluene	2.86	3.101		ug/L		109	68 - 137
2-Chloronaphthalene	2.86	2.323		ug/L		81	10 - 130
2-Methylnaphthalene	2.86	2.383		ug/L		83	25 - 175
2-Methylphenol	2.86	2.560		ug/L		90	14 - 176
2-Nitroaniline	2.86	3.228		ug/L		113	59 - 130
2-Nitrophenol	2.86	2.957		ug/L		103	45 - 167
3 & 4 Methylphenol	2.86	2.255	I	ug/L		79	22 - 130
3-Nitroaniline	2.86	1.997		ug/L		70	30 - 130
4,6-Dinitro-2-methylphenol	2.86	3.071		ug/L		107	10 - 130
4-Bromophenyl phenyl ether	2.86	3.708	*+	ug/L		130	65 - 120
4-Chloro-3-methylphenol	2.86	2.795		ug/L		98	41 - 128
4-Chloroaniline	2.86	1.577		ug/L		55	30 - 130
4-Chlorophenyl phenyl ether	2.86	3.801		ug/L		133	38 - 145
4-Nitroaniline	2.86	2.383		ug/L		83	42 - 125
Acenaphthene	2.86	3.072		ug/L		108	60 - 132
Acenaphthylene	2.86	3.313		ug/L		116	54 - 126
Aniline	2.86	1.424		ug/L		50	15 - 130
Anthracene	2.86	3.136		ug/L		110	43 - 135
Benzo[a]anthracene	2.86	3.604		ug/L		126	42 - 133
Benzo[a]pyrene	2.86	3.391		ug/L		119	32 - 148
Benzo[b]fluoranthene	2.86	3.459		ug/L		121	42 - 140
Benzo[g,h,i]perylene	2.86	3.302		ug/L		116	25 - 195
Benzo[k]fluoranthene	2.86	3.235		ug/L		113	25 - 146
Benzyl alcohol	2.86	1.185	*-	ug/L		41	57 - 130
Bis(2-chloroethoxy)methane	2.86	3.255		ug/L		114	49 - 165

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-200196/2-A
Matrix: Water
Analysis Batch: 200203

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200196

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	2.86	3.952	*+	ug/L		138	43 - 126
Bis(2-ethylhexyl) phthalate	2.86	3.300		ug/L		116	29 - 137
Butyl benzyl phthalate	2.86	2.947		ug/L		103	28 - 130
Chrysene	2.86	3.524		ug/L		123	47 - 130
Dibenz(a,h)anthracene	2.86	3.389		ug/L		119	32 - 200
Dibenzofuran	2.86	3.504		ug/L		123	48 - 130
Diethyl phthalate	2.86	3.306		ug/L		116	53 - 120
Dimethyl phthalate	2.86	3.418		ug/L		120	67 - 120
Di-n-butyl phthalate	2.86	3.233		ug/L		113	8 - 120
Di-n-octyl phthalate	2.86	3.312		ug/L		116	19 - 200
Fluoranthene	2.86	3.568		ug/L		125	43 - 130
Fluorene	2.86	3.228		ug/L		113	70 - 130
Hexachlorobenzene	2.86	3.314		ug/L		116	8 - 142
Hexachlorobutadiene	2.86	0.7847		ug/L		27	10 - 130
Hexachlorocyclopentadiene	2.86	1.729		ug/L		61	10 - 130
Hexachloroethane	2.86	1.072		ug/L		38	10 - 130
Indeno[1,2,3-cd]pyrene	2.86	3.246		ug/L		114	29 - 151
Isophorone	2.86	3.267		ug/L		114	47 - 180
Naphthalene	2.86	2.296		ug/L		80	36 - 120
Nitrobenzene	2.86	3.491		ug/L		122	54 - 130
N-Nitrosodi-n-propylamine	2.86	2.961		ug/L		104	14 - 198
N-Nitrosodiphenylamine	2.86	3.696	*+	ug/L		129	40 - 127
Pentachlorophenol	2.86	3.380		ug/L		118	38 - 152
Phenanthrene	2.86	3.399		ug/L		119	65 - 120
Phenol	2.86	<1.14	U	ug/L		32	17 - 120
Pyrene	2.86	3.556		ug/L		124	70 - 130
Pyridine	2.86	1.851	J	ug/L		65	1 - 126
N-Nitro-o-toluidine	2.86	2.883		ug/L		101	47 - 130
2,3,4,6-Tetrachlorophenol	2.86	3.255		ug/L		114	33 - 132
Acetophenone	2.86	3.205		ug/L		112	58 - 130
N-Nitrosopiperidine	2.86	2.672		ug/L		94	54 - 130
Pentachlorobenzene	2.86	3.088		ug/L		108	47 - 130
Diphenyl ether	2.86	2.748		ug/L		96	61 - 130
1,1'-Biphenyl	2.86	2.704		ug/L		95	52 - 130
4-Aminobiphenyl	2.86	2.439		ug/L		85	35 - 130
1,2,4,5-Tetrachlorobenzene	2.86	1.925		ug/L		67	52 - 130
1,3,5-Trinitrobenzene	2.86	3.557		ug/L		124	42 - 130
1,3-Dinitrobenzene	2.86	3.353		ug/L		117	54 - 130
1,4-Naphthoquinone	2.86	2.941		ug/L		103	34 - 130
1-Naphthylamine	2.86	1.304		ug/L		46	40 - 130
2,6-Dichlorophenol	2.86	3.022		ug/L		106	40 - 130
2-Acetylaminofluorene	2.86	3.590		ug/L		126	50 - 150
2-Chlorophenol	2.86	2.863		ug/L		100	36 - 120
2-Naphthylamine	2.86	1.706		ug/L		60	30 - 130
2-Picoline	2.86	0.7444		ug/L		26	22 - 130
2-Toluidine	2.86	1.712		ug/L		60	30 - 130
3,3'-Dichlorobenzidine	2.86	2.929		ug/L		103	20 - 150
3,3'-Dimethylbenzidine	2.86	1.375		ug/L		48	30 - 130
3-Methylcholanthrene	2.86	3.218		ug/L		113	53 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-200196/2-A
Matrix: Water
Analysis Batch: 200203

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200196

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Nitroquinoline-1-oxide	2.86	2.246		ug/L		79	39 - 130
7,12-Dimethylbenz(a)anthracene	2.86	3.406		ug/L		119	63 - 130
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U *-	ug/L		0	20 - 130
Aramite Peak 1	1.43	1.894	*+	ug/L		133	69 - 130
Aramite Peak 2	1.43	1.603		ug/L		112	65 - 130
Diallate Peak 1	2.11	2.793	*+	ug/L		132	69 - 130
Diallate Peak 2	0.743	0.9058		ug/L		122	67 - 130
Ethyl methanesulfonate	2.86	2.293		ug/L		80	54 - 130
Hexachloropropene	2.86	0.8219	*-	ug/L		29	37 - 130
Isosafrole Peak 1	0.457	0.4701	J	ug/L		103	54 - 130
Isosafrole Peak 2	2.40	2.552		ug/L		106	62 - 130
Methyl methanesulfonate	2.86	1.156		ug/L		40	30 - 130
N-Nitrosodiethylamine	2.86	3.089		ug/L		108	54 - 130
N-Nitrosodimethylamine	2.86	0.6936	*-	ug/L		24	28 - 126
N-Nitrosodi-n-butylamine	2.86	3.280		ug/L		115	58 - 130
N-Nitrosomethylethylamine	2.86	1.861		ug/L		65	45 - 130
N-Nitrosomorpholine	2.86	1.383		ug/L		48	37 - 130
N-Nitrosopyrrolidine	2.86	1.339		ug/L		47	47 - 130
p-Dimethylamino azobenzene	2.86	2.894		ug/L		101	61 - 130
Pentachloronitrobenzene	2.86	4.251	*+	ug/L		149	56 - 130
Phenacetin	2.86	2.657		ug/L		93	70 - 130
p-Phenylene diamine	2.86	<0.500	U *-	ug/L		0	3 - 120
Pronamide	2.86	4.009	*+	ug/L		140	70 - 130
Safrole, Total	2.86	2.815		ug/L		99	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*111*		*35 - 130*
2-Fluorobiphenyl	*108*		*43 - 130*
2-Fluorophenol (Surr)	*50*		*19 - 120*
Nitrobenzene-d5 (Surr)	*112*		*37 - 133*
Phenol-d5 (Surr)	*30*		*8 - 124*
p-Terphenyl-d14	*115*		*47 - 130*

Lab Sample ID: LCS 860-200196/4-A
Matrix: Water
Analysis Batch: 200203

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200196

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethoate	2.86	9.220	*+	ug/L		323	45 - 138
Dinoseb	5.71	11.77	*+	ug/L		206	49 - 130
Disulfoton	5.71	10.25	*+	ug/L		179	38 - 134
Ethyl Parathion	2.86	11.29	*+	ug/L		395	25 - 173
Famphur	2.86	5.611	*+	ug/L		196	43 - 142
Methapyrilene	5.71	15.60	*+	ug/L		273	70 - 183
Methyl parathion	5.71	11.46	*+	ug/L		201	26 - 159
o,o',o''-Triethylphosphorothioate	2.86	4.540	*+	ug/L		159	43 - 130
Phorate	5.71	9.986	*+	ug/L		175	37 - 140
Sulfotepp	2.86	9.758	*+	ug/L		342	28 - 158

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-200196/4-A
Matrix: Water
Analysis Batch: 200203

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200196

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Thionazin			2.86	5.355	*+	ug/L		187	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*109*		*35 - 130*
2-Fluorobiphenyl	*107*		*43 - 130*
2-Fluorophenol (Surr)	*51*		*19 - 120*
Nitrobenzene-d5 (Surr)	*115*		*37 - 133*
Phenol-d5 (Surr)	*34*		*8 - 124*
p-Terphenyl-d14	*101*		*47 - 130*

Lab Sample ID: LCSD 860-200196/3-A
Matrix: Water
Analysis Batch: 200203

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200196

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			2.86	1.431		ug/L		50	32 - 130	3	30
1,2-Dichlorobenzene			2.86	1.581		ug/L		55	32 - 130	10	30
1,3-Dichlorobenzene			2.86	1.420		ug/L		50	26 - 130	6	30
1,4-Dichlorobenzene			2.86	1.540		ug/L		54	28 - 130	4	30
2,2'-oxybis[1-chloropropane]			2.86	3.502	I	ug/L		123	10 - 173	10	30
2,4,5-Trichlorophenol			2.86	3.283		ug/L		115	35 - 130	4	30
2,4,6-Trichlorophenol			2.86	3.102		ug/L		109	52 - 129	2	30
2,4-Dichlorophenol			2.86	2.899		ug/L		101	53 - 122	3	30
2,4-Dimethylphenol			2.86	3.603	*+	ug/L		126	42 - 120	3	30
1,4-Dioxane			2.86	0.8289		ug/L		29	27 - 130	1	30
2,4-Dinitrophenol			2.86	1.724	J	ug/L		60	12 - 173	5	30
2,4-Dinitrotoluene			2.86	3.088		ug/L		108	48 - 127	9	30
2,6-Dinitrotoluene			2.86	3.106		ug/L		109	68 - 137	0	30
2-Chloronaphthalene			2.86	2.219		ug/L		78	10 - 130	5	30
2-Methylnaphthalene			2.86	2.178		ug/L		76	25 - 175	9	30
2-Methylphenol			2.86	2.178		ug/L		76	14 - 176	16	30
2-Nitroaniline			2.86	3.112		ug/L		109	59 - 130	4	30
2-Nitrophenol			2.86	2.741		ug/L		96	45 - 167	8	30
3 & 4 Methylphenol			2.86	2.305	I	ug/L		81	22 - 130	2	30
3-Nitroaniline			2.86	1.875		ug/L		66	30 - 130	6	30
4,6-Dinitro-2-methylphenol			2.86	2.674		ug/L		94	10 - 130	14	30
4-Bromophenyl phenyl ether			2.86	3.409		ug/L		119	65 - 120	8	30
4-Chloro-3-methylphenol			2.86	2.606		ug/L		91	41 - 128	7	30
4-Chloroaniline			2.86	1.539		ug/L		54	30 - 130	2	30
4-Chlorophenyl phenyl ether			2.86	3.504		ug/L		123	38 - 145	8	30
4-Nitroaniline			2.86	2.217		ug/L		78	42 - 125	7	30
Acenaphthene			2.86	2.947		ug/L		103	60 - 132	4	30
Acenaphthylene			2.86	3.230		ug/L		113	54 - 126	3	30
Aniline			2.86	1.399		ug/L		49	15 - 130	2	30
Anthracene			2.86	3.153		ug/L		110	43 - 135	1	30
Benzo[a]anthracene			2.86	3.911	*+	ug/L		137	42 - 133	8	30
Benzo[a]pyrene			2.86	3.206		ug/L		112	32 - 148	6	30
Benzo[b]fluoranthene			2.86	3.799		ug/L		133	42 - 140	9	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-200196/3-A
Matrix: Water
Analysis Batch: 200203

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200196

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[g,h,i]perylene			2.86	3.098		ug/L		108	25 - 195	6	30
Benzo[k]fluoranthene			2.86	3.693		ug/L		129	25 - 146	13	30
Benzyl alcohol			2.86	1.042	J *-	ug/L		36	57 - 130	13	30
Bis(2-chloroethoxy)methane			2.86	3.225		ug/L		113	49 - 165	1	30
Bis(2-chloroethyl)ether			2.86	3.606		ug/L		126	43 - 126	9	30
Bis(2-ethylhexyl) phthalate			2.86	3.576		ug/L		125	29 - 137	8	30
Butyl benzyl phthalate			2.86	2.954		ug/L		103	28 - 130	0	30
Chrysene			2.86	3.783	*+	ug/L		132	47 - 130	7	30
Dibenz(a,h)anthracene			2.86	3.201		ug/L		112	32 - 200	6	30
Dibenzofuran			2.86	3.289		ug/L		115	48 - 130	6	30
Diethyl phthalate			2.86	3.421		ug/L		120	53 - 120	3	30
Dimethyl phthalate			2.86	3.368		ug/L		118	67 - 120	1	30
Di-n-butyl phthalate			2.86	3.239		ug/L		113	8 - 120	0	30
Di-n-octyl phthalate			2.86	3.662		ug/L		128	19 - 200	10	30
Fluoranthene			2.86	3.720		ug/L		130	43 - 130	4	30
Fluorene			2.86	2.925		ug/L		102	70 - 130	10	30
Hexachlorobenzene			2.86	3.568		ug/L		125	8 - 142	7	30
Hexachlorobutadiene			2.86	0.7709		ug/L		27	10 - 130	2	30
Hexachlorocyclopentadiene			2.86	1.874		ug/L		66	10 - 130	8	30
Hexachloroethane			2.86	1.039		ug/L		36	10 - 130	3	30
Indeno[1,2,3-cd]pyrene			2.86	3.013		ug/L		105	29 - 151	7	30
Isophorone			2.86	3.120		ug/L		109	47 - 180	5	30
Naphthalene			2.86	2.326		ug/L		81	36 - 120	1	30
Nitrobenzene			2.86	3.302		ug/L		116	54 - 130	6	30
N-Nitrosodi-n-propylamine			2.86	2.731		ug/L		96	14 - 198	8	30
N-Nitrosodiphenylamine			2.86	3.314		ug/L		116	40 - 127	11	30
Pentachlorophenol			2.86	3.165		ug/L		111	38 - 152	7	30
Phenanthrene			2.86	3.509	*+	ug/L		123	65 - 120	3	30
Phenol			2.86	<1.14	U	ug/L		30	17 - 120	5	30
Pyrene			2.86	3.619		ug/L		127	70 - 130	2	30
Pyridine			2.86	1.702	J	ug/L		60	1 - 126	8	30
N-Nitro-o-toluidine			2.86	2.640		ug/L		92	47 - 130	9	30
2,3,4,6-Tetrachlorophenol			2.86	3.037		ug/L		106	33 - 132	7	30
Acetophenone			2.86	3.111		ug/L		109	58 - 130	3	30
N-Nitrosopiperidine			2.86	2.421		ug/L		85	54 - 130	10	30
Pentachlorobenzene			2.86	2.917		ug/L		102	47 - 130	6	30
Diphenyl ether			2.86	2.791		ug/L		98	61 - 130	2	30
1,1'-Biphenyl			2.86	2.630		ug/L		92	52 - 130	3	30
4-Aminobiphenyl			2.86	2.326		ug/L		81	35 - 130	5	30
1,2,4,5-Tetrachlorobenzene			2.86	1.923		ug/L		67	52 - 130	0	30
1,3,5-Trinitrobenzene			2.86	2.893		ug/L		101	42 - 130	21	30
1,3-Dinitrobenzene			2.86	3.091		ug/L		108	54 - 130	8	30
1,4-Naphthoquinone			2.86	2.755		ug/L		96	34 - 130	7	30
1-Naphthylamine			2.86	1.084	*-	ug/L		38	40 - 130	18	30
2,6-Dichlorophenol			2.86	2.928		ug/L		102	40 - 130	3	30
2-Acetylaminofluorene			2.86	3.543		ug/L		124	50 - 150	1	30
2-Chlorophenol			2.86	2.580		ug/L		90	36 - 120	10	30
2-Naphthylamine			2.86	1.582		ug/L		55	30 - 130	8	30
2-Picoline			2.86	0.7030		ug/L		25	22 - 130	6	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-200196/3-A
Matrix: Water
Analysis Batch: 200203

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200196

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Toluidine			2.86	1.415		ug/L		50	30 - 130	19	30
3,3'-Dichlorobenzidine			2.86	3.114		ug/L		109	20 - 150	6	30
3,3'-Dimethylbenzidine			2.86	1.372		ug/L		48	30 - 130	0	30
3-Methylcholanthrene			2.86	3.033		ug/L		106	53 - 130	6	30
4-Nitroquinoline-1-oxide			2.86	2.398		ug/L		84	39 - 130	7	30
7,12-Dimethylbenz(a)anthracene			2.86	3.717		ug/L		130	63 - 130	9	30
alpha,alpha-Dimethyl phenethylamine			2.86	<3.67	U *-	ug/L		0	20 - 130	NC	30
Aramite Peak 1			1.43	1.735		ug/L		121	69 - 130	9	30
Aramite Peak 2			1.43	1.547		ug/L		108	65 - 130	4	30
Diallate Peak 1			2.11	2.660		ug/L		126	69 - 130	5	30
Diallate Peak 2			0.743	0.8474		ug/L		114	67 - 130	7	30
Ethyl methanesulfonate			2.86	2.032		ug/L		71	54 - 130	12	30
Hexachloropropene			2.86	0.8667	*-	ug/L		30	37 - 130	5	30
Isosafrole Peak 1			0.457	0.4684	J	ug/L		102	54 - 130	0	30
Isosafrole Peak 2			2.40	2.557		ug/L		107	62 - 130	0	30
Methyl methanesulfonate			2.86	1.082		ug/L		38	30 - 130	7	30
N-Nitrosodiethylamine			2.86	2.946		ug/L		103	54 - 130	5	30
N-Nitrosodimethylamine			2.86	0.6270	*-	ug/L		22	28 - 126	10	30
N-Nitrosodi-n-butylamine			2.86	3.120		ug/L		109	58 - 130	5	30
N-Nitrosomethylethylamine			2.86	1.708		ug/L		60	45 - 130	9	30
N-Nitrosomorpholine			2.86	1.240		ug/L		43	37 - 130	11	30
N-Nitrosopyrrolidine			2.86	1.273	*-	ug/L		45	47 - 130	5	30
p-Dimethylamino azobenzene			2.86	2.855		ug/L		100	61 - 130	1	30
Pentachloronitrobenzene			2.86	3.541		ug/L		124	56 - 130	18	30
Phenacetin			2.86	2.392		ug/L		84	70 - 130	10	30
p-Phenylene diamine			2.86	<0.500	U *-	ug/L		0	3 - 120	NC	30
Pronamide			2.86	3.653		ug/L		128	70 - 130	9	30
Safrole, Total			2.86	2.791		ug/L		98	70 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*113*		*35 - 130*
2-Fluorobiphenyl	*103*		*43 - 130*
2-Fluorophenol (Surr)	*46*		*19 - 120*
Nitrobenzene-d5 (Surr)	*108*		*37 - 133*
Phenol-d5 (Surr)	*28*		*8 - 124*
p-Terphenyl-d14	*117*		*47 - 130*

Lab Sample ID: LCSD 860-200196/5-A
Matrix: Water
Analysis Batch: 200203

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200196

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethoate			2.86	9.175	*+	ug/L		321	45 - 138	0	30
Dinoseb			5.71	12.19	*+	ug/L		213	49 - 130	3	30
Disulfoton			5.71	10.63	*+	ug/L		186	38 - 134	4	30
Ethyl Parathion			2.86	11.69	*+	ug/L		409	25 - 173	3	30
Famphur			2.86	6.396	*+	ug/L		224	43 - 142	13	30
Methapyrilene			5.71	15.11	*+	ug/L		264	70 - 183	3	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-200196/5-A
Matrix: Water
Analysis Batch: 200203

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200196

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl parathion			5.71	12.69	*+	ug/L		222	26 - 159	10	30
o,o',o''-Triethylphosphorothioate			2.86	4.799	*+	ug/L		168	43 - 130	6	30
Phorate			5.71	9.710	*+	ug/L		170	37 - 140	3	30
Sulfotepp			2.86	10.06	*+	ug/L		352	28 - 158	3	30
Thionazin			2.86	5.377	*+	ug/L		188	50 - 150	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*107*		*35 - 130*
2-Fluorobiphenyl	*105*		*43 - 130*
2-Fluorophenol (Surr)	*47*		*19 - 120*
Nitrobenzene-d5 (Surr)	*113*		*37 - 133*
Phenol-d5 (Surr)	*28*		*8 - 124*
p-Terphenyl-d14	*105*		*47 - 130*

Lab Sample ID: MB 860-200832/1-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,4-Dimethylphenol	<0.192	U	0.571	0.192	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/20/24 07:01	11/20/24 21:32	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/20/24 07:01	11/20/24 21:32	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/20/24 07:01	11/20/24 21:32	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/20/24 07:01	11/20/24 21:32	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/20/24 07:01	11/20/24 21:32	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/20/24 07:01	11/20/24 21:32	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/20/24 07:01	11/20/24 21:32	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-200832/1-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/20/24 07:01	11/20/24 21:32	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/20/24 07:01	11/20/24 21:32	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/20/24 07:01	11/20/24 21:32	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/20/24 07:01	11/20/24 21:32	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/20/24 07:01	11/20/24 21:32	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/20/24 07:01	11/20/24 21:32	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		11/20/24 07:01	11/20/24 21:32	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/20/24 07:01	11/20/24 21:32	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/20/24 07:01	11/20/24 21:32	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/20/24 07:01	11/20/24 21:32	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/20/24 07:01	11/20/24 21:32	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/20/24 07:01	11/20/24 21:32	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/20/24 07:01	11/20/24 21:32	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		11/20/24 07:01	11/20/24 21:32	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/20/24 07:01	11/20/24 21:32	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/20/24 07:01	11/20/24 21:32	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/20/24 07:01	11/20/24 21:32	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/20/24 07:01	11/20/24 21:32	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/20/24 07:01	11/20/24 21:32	1
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/20/24 07:01	11/20/24 21:32	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/20/24 07:01	11/20/24 21:32	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/20/24 07:01	11/20/24 21:32	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/20/24 07:01	11/20/24 21:32	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/20/24 07:01	11/20/24 21:32	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/20/24 07:01	11/20/24 21:32	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/20/24 07:01	11/20/24 21:32	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		11/20/24 07:01	11/20/24 21:32	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/20/24 07:01	11/20/24 21:32	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/20/24 07:01	11/20/24 21:32	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/20/24 07:01	11/20/24 21:32	1
Phenol	<1.14	U	1.14	1.14	ug/L		11/20/24 07:01	11/20/24 21:32	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/20/24 07:01	11/20/24 21:32	1
Pyridine	<1.44	U	2.86	1.44	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/20/24 07:01	11/20/24 21:32	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/20/24 07:01	11/20/24 21:32	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/20/24 07:01	11/20/24 21:32	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/20/24 07:01	11/20/24 21:32	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/20/24 07:01	11/20/24 21:32	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/20/24 07:01	11/20/24 21:32	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/20/24 07:01	11/20/24 21:32	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-200832/1-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/20/24 07:01	11/20/24 21:32	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/20/24 07:01	11/20/24 21:32	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/20/24 07:01	11/20/24 21:32	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/20/24 07:01	11/20/24 21:32	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/20/24 07:01	11/20/24 21:32	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/20/24 07:01	11/20/24 21:32	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/20/24 07:01	11/20/24 21:32	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		11/20/24 07:01	11/20/24 21:32	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		11/20/24 07:01	11/20/24 21:32	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/20/24 07:01	11/20/24 21:32	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/20/24 07:01	11/20/24 21:32	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/20/24 07:01	11/20/24 21:32	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/20/24 07:01	11/20/24 21:32	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/20/24 07:01	11/20/24 21:32	1
Dimethoate	<0.122	U	0.571	0.122	ug/L		11/20/24 07:01	11/20/24 21:32	1
Dinoseb	<0.570	U	2.86	0.570	ug/L		11/20/24 07:01	11/20/24 21:32	1
Disulfoton	<0.203	U	0.571	0.203	ug/L		11/20/24 07:01	11/20/24 21:32	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/20/24 07:01	11/20/24 21:32	1
Ethyl Parathion	<0.0502	U	0.229	0.0502	ug/L		11/20/24 07:01	11/20/24 21:32	1
Famphur	<0.151	U	1.14	0.151	ug/L		11/20/24 07:01	11/20/24 21:32	1
Hexachloropropene	<0.300	U	0.571	0.300	ug/L		11/20/24 07:01	11/20/24 21:32	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/20/24 07:01	11/20/24 21:32	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/20/24 07:01	11/20/24 21:32	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/20/24 07:01	11/20/24 21:32	1
Methapyrilene	<1.00	U	2.29	1.00	ug/L		11/20/24 07:01	11/20/24 21:32	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/20/24 07:01	11/20/24 21:32	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/20/24 07:01	11/20/24 21:32	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		11/20/24 07:01	11/20/24 21:32	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		11/20/24 07:01	11/20/24 21:32	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		11/20/24 07:01	11/20/24 21:32	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/20/24 07:01	11/20/24 21:32	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/20/24 07:01	11/20/24 21:32	1
Phorate	<0.221	U	0.571	0.221	ug/L		11/20/24 07:01	11/20/24 21:32	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		11/20/24 07:01	11/20/24 21:32	1
Pronamide	<0.100	U	0.571	0.100	ug/L		11/20/24 07:01	11/20/24 21:32	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/20/24 07:01	11/20/24 21:32	1
Sulfotepp	<0.147	U	0.571	0.147	ug/L		11/20/24 07:01	11/20/24 21:32	1
Thionazin	<0.208	U	1.14	0.208	ug/L		11/20/24 07:01	11/20/24 21:32	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-200832/1-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200832

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	138	S1+	35 - 130	11/20/24 07:01	11/20/24 21:32	1
2-Fluorobiphenyl	126		43 - 130	11/20/24 07:01	11/20/24 21:32	1
2-Fluorophenol (Surr)	67		19 - 120	11/20/24 07:01	11/20/24 21:32	1
Nitrobenzene-d5 (Surr)	100		37 - 133	11/20/24 07:01	11/20/24 21:32	1
Phenol-d5 (Surr)	45		8 - 124	11/20/24 07:01	11/20/24 21:32	1
p-Terphenyl-d14	99		47 - 130	11/20/24 07:01	11/20/24 21:32	1

Lab Sample ID: LCS 860-200832/2-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	2.86	1.141		ug/L		40	32 - 130
1,2-Dichlorobenzene	2.86	1.318		ug/L		46	32 - 130
1,3-Dichlorobenzene	2.86	1.186		ug/L		42	26 - 130
1,4-Dichlorobenzene	2.86	1.270		ug/L		44	28 - 130
2,2'-oxybis[1-chloropropane]	2.86	4.387	I	ug/L		154	10 - 173
2,4,5-Trichlorophenol	2.86	4.037	*+	ug/L		141	35 - 130
2,4,6-Trichlorophenol	2.86	3.947	*+	ug/L		138	52 - 129
2,4-Dichlorophenol	2.86	3.191		ug/L		112	53 - 122
2,4-Dimethylphenol	2.86	4.373	*+	ug/L		153	42 - 120
1,4-Dioxane	2.86	1.043		ug/L		37	27 - 130
2,4-Dinitrophenol	2.86	2.154	J	ug/L		75	12 - 173
2,4-Dinitrotoluene	2.86	3.795	*+	ug/L		133	48 - 127
2,6-Dinitrotoluene	2.86	3.187		ug/L		112	68 - 137
2-Chloronaphthalene	2.86	2.059		ug/L		72	10 - 130
2-Methylnaphthalene	2.86	1.663		ug/L		58	25 - 175
2-Methylphenol	2.86	3.159		ug/L		111	14 - 176
2-Nitroaniline	2.86	3.808	*+	ug/L		133	59 - 130
2-Nitrophenol	2.86	3.580		ug/L		125	45 - 167
3 & 4 Methylphenol	2.86	3.337	I	ug/L		117	22 - 130
3-Nitroaniline	2.86	2.510		ug/L		88	30 - 130
4,6-Dinitro-2-methylphenol	2.86	2.942		ug/L		103	10 - 130
4-Bromophenyl phenyl ether	2.86	3.852	*+	ug/L		135	65 - 120
4-Chloro-3-methylphenol	2.86	3.612		ug/L		126	41 - 128
4-Chloroaniline	2.86	2.017		ug/L		71	30 - 130
4-Chlorophenyl phenyl ether	2.86	3.848		ug/L		135	38 - 145
4-Nitroaniline	2.86	3.149		ug/L		110	42 - 125
Acenaphthene	2.86	2.911		ug/L		102	60 - 132
Acenaphthylene	2.86	3.018		ug/L		106	54 - 126
Aniline	2.86	1.871		ug/L		66	15 - 130
Anthracene	2.86	2.915		ug/L		102	43 - 135
Benzo[a]anthracene	2.86	4.117	*+	ug/L		144	42 - 133
Benzo[a]pyrene	2.86	3.876		ug/L		136	32 - 148
Benzo[b]fluoranthene	2.86	4.488	*+	ug/L		157	42 - 140
Benzo[g,h,i]perylene	2.86	3.536		ug/L		124	25 - 195
Benzo[k]fluoranthene	2.86	3.968		ug/L		139	25 - 146
Benzyl alcohol	2.86	2.313		ug/L		81	57 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-200832/2-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethoxy)methane	2.86	3.828		ug/L		134	49 - 165
Bis(2-chloroethyl)ether	2.86	4.823	*+	ug/L		169	43 - 126
Bis(2-ethylhexyl) phthalate	2.86	3.755		ug/L		131	29 - 137
Butyl benzyl phthalate	2.86	3.532		ug/L		124	28 - 130
Chrysene	2.86	3.814	*+	ug/L		133	47 - 130
Dibenz(a,h)anthracene	2.86	3.690		ug/L		129	32 - 200
Dibenzofuran	2.86	3.641		ug/L		127	48 - 130
Diethyl phthalate	2.86	3.315		ug/L		116	53 - 120
Dimethyl phthalate	2.86	3.255		ug/L		114	67 - 120
Di-n-butyl phthalate	2.86	3.408		ug/L		119	8 - 120
Di-n-octyl phthalate	2.86	4.608		ug/L		161	19 - 200
Fluoranthene	2.86	3.737	*+	ug/L		131	43 - 130
Fluorene	2.86	3.039		ug/L		106	70 - 130
Hexachlorobenzene	2.86	3.737		ug/L		131	8 - 142
Hexachlorobutadiene	2.86	0.6449		ug/L		23	10 - 130
Hexachlorocyclopentadiene	2.86	1.499		ug/L		52	10 - 130
Hexachloroethane	2.86	0.6096		ug/L		21	10 - 130
Indeno[1,2,3-cd]pyrene	2.86	3.618		ug/L		127	29 - 151
Isophorone	2.86	3.244		ug/L		114	47 - 180
Naphthalene	2.86	1.769		ug/L		62	36 - 120
Nitrobenzene	2.86	3.052		ug/L		107	54 - 130
N-Nitrosodi-n-propylamine	2.86	4.378		ug/L		153	14 - 198
N-Nitrosodiphenylamine	2.86	3.841	*+	ug/L		134	40 - 127
Pentachlorophenol	2.86	3.709		ug/L		130	38 - 152
Phenanthrene	2.86	3.306		ug/L		116	65 - 120
Phenol	2.86	1.412		ug/L		49	17 - 120
Pyrene	2.86	3.727		ug/L		130	70 - 130
Pyridine	2.86	1.980	J	ug/L		69	1 - 126
N-Nitro-o-toluidine	2.86	3.133		ug/L		110	47 - 130
2,3,4,6-Tetrachlorophenol	2.86	3.989	*+	ug/L		140	33 - 132
Acetophenone	2.86	4.378	*+	ug/L		153	58 - 130
N-Nitrosopiperidine	2.86	2.662		ug/L		93	54 - 130
Pentachlorobenzene	2.86	3.028		ug/L		106	47 - 130
Diphenyl ether	2.86	2.733		ug/L		96	61 - 130
1,1'-Biphenyl	2.86	2.791		ug/L		98	52 - 130
4-Aminobiphenyl	2.86	2.722		ug/L		95	35 - 130
1,2,4,5-Tetrachlorobenzene	2.86	1.829		ug/L		64	52 - 130
1,3,5-Trinitrobenzene	2.86	3.519		ug/L		123	42 - 130
1,3-Dinitrobenzene	2.86	3.248		ug/L		114	54 - 130
1,4-Naphthoquinone	2.86	2.845		ug/L		100	34 - 130
1-Naphthylamine	2.86	1.575		ug/L		55	40 - 130
2,6-Dichlorophenol	2.86	3.235		ug/L		113	40 - 130
2-Acetylaminofluorene	2.86	6.254	*+	ug/L		219	50 - 150
2-Chlorophenol	2.86	3.438		ug/L		120	36 - 120
2-Naphthylamine	2.86	2.085		ug/L		73	30 - 130
2-Picoline	2.86	1.030		ug/L		36	22 - 130
2-Toluidine	2.86	0.4979	J *-	ug/L		17	30 - 130
3,3'-Dichlorobenzidine	2.86	3.933		ug/L		138	20 - 150
3,3'-Dimethylbenzidine	2.86	1.783		ug/L		62	30 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-200832/2-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3-Methylcholanthrene	2.86	3.564		ug/L		125	53 - 130
4-Nitroquinoline-1-oxide	2.86	2.732		ug/L		96	39 - 130
7,12-Dimethylbenz(a)anthracene	2.86	4.151	*+	ug/L		145	63 - 130
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U *-	ug/L		0	20 - 130
Aramite Peak 1	1.43	2.093	*+	ug/L		147	69 - 130
Aramite Peak 2	1.43	2.224	*+	ug/L		156	65 - 130
Diallate Peak 1	2.11	2.876	*+	ug/L		136	69 - 130
Diallate Peak 2	0.743	0.8625		ug/L		116	67 - 130
Ethyl methanesulfonate	2.86	2.850		ug/L		100	54 - 130
Hexachloropropene	2.86	0.6494	*-	ug/L		23	37 - 130
Isosafrole Peak 1	0.457	0.4363	J	ug/L		95	54 - 130
Isosafrole Peak 2	2.40	2.377		ug/L		99	62 - 130
Methyl methanesulfonate	2.86	1.223		ug/L		43	30 - 130
N-Nitrosodiethylamine	2.86	3.716		ug/L		130	54 - 130
N-Nitrosodimethylamine	2.86	0.7050	*-	ug/L		25	28 - 126
N-Nitrosodi-n-butylamine	2.86	3.817	*+	ug/L		134	58 - 130
N-Nitrosomethylethylamine	2.86	2.103		ug/L		74	45 - 130
N-Nitrosomorpholine	2.86	1.562		ug/L		55	37 - 130
N-Nitrosopyrrolidine	2.86	1.756		ug/L		61	47 - 130
p-Dimethylamino azobenzene	2.86	3.323		ug/L		116	61 - 130
Pentachloronitrobenzene	2.86	3.640		ug/L		127	56 - 130
Phenacetin	2.86	4.187	*+	ug/L		147	70 - 130
p-Phenylene diamine	2.86	<0.500	U *-	ug/L		0	3 - 120
Pronamide	2.86	4.345	*+	ug/L		152	70 - 130
Safrole, Total	2.86	2.542		ug/L		89	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*133*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*113*		*43 - 130*
2-Fluorophenol (Surr)	*71*		*19 - 120*
Nitrobenzene-d5 (Surr)	*112*		*37 - 133*
Phenol-d5 (Surr)	*50*		*8 - 124*
p-Terphenyl-d14	*96*		*47 - 130*

Lab Sample ID: LCS 860-200832/4-A
Matrix: Water
Analysis Batch: 201887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethoate	2.86	11.17	*+	ug/L		391	45 - 138
Dinoseb	5.71	15.86	*+	ug/L		278	49 - 130
Disulfoton	5.71	10.32	*+	ug/L		181	38 - 134
Ethyl Parathion	2.86	15.16	*+	ug/L		531	25 - 173
Methapyrilene	5.71	23.18	E *+	ug/L		406	70 - 183
Methyl parathion	5.71	13.27	*+	ug/L		232	26 - 159
o,o',o''-Triethylphosphorothioate	2.86	4.381	*+	ug/L		153	43 - 130
Phorate	5.71	10.77	*+	ug/L		189	37 - 140
Sulfotepp	2.86	11.34	*+	ug/L		397	28 - 158

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-200832/4-A
Matrix: Water
Analysis Batch: 201887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200832

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Thionazin			2.86	5.930	*+	ug/L		208	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*133*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*101*		*43 - 130*
2-Fluorophenol (Surr)	*76*		*19 - 120*
Nitrobenzene-d5 (Surr)	*111*		*37 - 133*
Phenol-d5 (Surr)	*64*		*8 - 124*
p-Terphenyl-d14	*104*		*47 - 130*

Lab Sample ID: LCSD 860-200832/3-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200832

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			2.86	1.091		ug/L		38	32 - 130	4	30
1,2-Dichlorobenzene			2.86	1.280		ug/L		45	32 - 130	3	30
1,3-Dichlorobenzene			2.86	1.174		ug/L		41	26 - 130	1	30
1,4-Dichlorobenzene			2.86	1.222		ug/L		43	28 - 130	4	30
2,2'-oxybis[1-chloropropane]			2.86	3.657	I	ug/L		128	10 - 173	18	30
2,4,5-Trichlorophenol			2.86	3.941	*+	ug/L		138	35 - 130	2	30
2,4,6-Trichlorophenol			2.86	3.928	*+	ug/L		137	52 - 129	0	30
2,4-Dichlorophenol			2.86	3.031		ug/L		106	53 - 122	5	30
2,4-Dimethylphenol			2.86	4.217	*+	ug/L		148	42 - 120	4	30
1,4-Dioxane			2.86	0.9838		ug/L		34	27 - 130	6	30
2,4-Dinitrophenol			2.86	2.305	J	ug/L		81	12 - 173	7	30
2,4-Dinitrotoluene			2.86	3.922	*+	ug/L		137	48 - 127	3	30
2,6-Dinitrotoluene			2.86	3.202		ug/L		112	68 - 137	0	30
2-Chloronaphthalene			2.86	2.060		ug/L		72	10 - 130	0	30
2-Methylnaphthalene			2.86	1.583		ug/L		55	25 - 175	5	30
2-Methylphenol			2.86	3.101		ug/L		109	14 - 176	2	30
2-Nitroaniline			2.86	3.857	*+	ug/L		135	59 - 130	1	30
2-Nitrophenol			2.86	3.499		ug/L		122	45 - 167	2	30
3 & 4 Methylphenol			2.86	3.213	I	ug/L		112	22 - 130	4	30
3-Nitroaniline			2.86	2.746		ug/L		96	30 - 130	9	30
4,6-Dinitro-2-methylphenol			2.86	3.387		ug/L		119	10 - 130	14	30
4-Bromophenyl phenyl ether			2.86	3.948	*+	ug/L		138	65 - 120	2	30
4-Chloro-3-methylphenol			2.86	3.661		ug/L		128	41 - 128	1	30
4-Chloroaniline			2.86	2.007		ug/L		70	30 - 130	0	30
4-Chlorophenyl phenyl ether			2.86	4.005		ug/L		140	38 - 145	4	30
4-Nitroaniline			2.86	3.277		ug/L		115	42 - 125	4	30
Acenaphthene			2.86	3.083		ug/L		108	60 - 132	6	30
Acenaphthylene			2.86	2.996		ug/L		105	54 - 126	1	30
Aniline			2.86	1.807		ug/L		63	15 - 130	4	30
Anthracene			2.86	2.942		ug/L		103	43 - 135	1	30
Benzo[a]anthracene			2.86	4.247	*+	ug/L		149	42 - 133	3	30
Benzo[a]pyrene			2.86	3.785		ug/L		132	32 - 148	2	30
Benzo[b]fluoranthene			2.86	5.191	*+	ug/L		182	42 - 140	15	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-200832/3-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200832

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[g,h,i]perylene			2.86	3.182		ug/L		111	25 - 195	11	30
Benzo[k]fluoranthene			2.86	4.674	*+	ug/L		164	25 - 146	16	30
Benzyl alcohol			2.86	2.317		ug/L		81	57 - 130	0	30
Bis(2-chloroethoxy)methane			2.86	3.794		ug/L		133	49 - 165	1	30
Bis(2-chloroethyl)ether			2.86	4.660	*+	ug/L		163	43 - 126	3	30
Bis(2-ethylhexyl) phthalate			2.86	4.066	*+	ug/L		142	29 - 137	8	30
Butyl benzyl phthalate			2.86	3.683		ug/L		129	28 - 130	4	30
Chrysene			2.86	4.049	*+	ug/L		142	47 - 130	6	30
Dibenz(a,h)anthracene			2.86	3.269		ug/L		114	32 - 200	12	30
Dibenzofuran			2.86	3.809	*+	ug/L		133	48 - 130	4	30
Diethyl phthalate			2.86	3.456	*+	ug/L		121	53 - 120	4	30
Dimethyl phthalate			2.86	3.128		ug/L		109	67 - 120	4	30
Di-n-butyl phthalate			2.86	3.470	*+	ug/L		121	8 - 120	2	30
Di-n-octyl phthalate			2.86	21.73	*+ *1	ug/L		761	19 - 200	130	30
Fluoranthene			2.86	3.696		ug/L		129	43 - 130	1	30
Fluorene			2.86	3.203		ug/L		112	70 - 130	5	30
Hexachlorobenzene			2.86	3.840		ug/L		134	8 - 142	3	30
Hexachlorobutadiene			2.86	0.6160		ug/L		22	10 - 130	5	30
Hexachlorocyclopentadiene			2.86	1.515		ug/L		53	10 - 130	1	30
Hexachloroethane			2.86	0.5718		ug/L		20	10 - 130	6	30
Indeno[1,2,3-cd]pyrene			2.86	3.266		ug/L		114	29 - 151	10	30
Isophorone			2.86	3.225		ug/L		113	47 - 180	1	30
Naphthalene			2.86	1.767		ug/L		62	36 - 120	0	30
Nitrobenzene			2.86	2.883		ug/L		101	54 - 130	6	30
N-Nitrosodi-n-propylamine			2.86	4.280		ug/L		150	14 - 198	2	30
N-Nitrosodiphenylamine			2.86	4.085	*+	ug/L		143	40 - 127	6	30
Pentachlorophenol			2.86	3.871		ug/L		135	38 - 152	4	30
Phenanthrene			2.86	3.365		ug/L		118	65 - 120	2	30
Phenol			2.86	2.901	*1	ug/L		102	17 - 120	69	30
Pyrene			2.86	3.744	*+	ug/L		131	70 - 130	0	30
Pyridine			2.86	2.013	J	ug/L		70	1 - 126	2	30
N-Nitro-o-toluidine			2.86	2.951		ug/L		103	47 - 130	6	30
2,3,4,6-Tetrachlorophenol			2.86	4.120	*+	ug/L		144	33 - 132	3	30
Acetophenone			2.86	4.216	*+	ug/L		148	58 - 130	4	30
N-Nitrosopiperidine			2.86	2.568		ug/L		90	54 - 130	4	30
Pentachlorobenzene			2.86	3.157		ug/L		110	47 - 130	4	30
Diphenyl ether			2.86	2.723		ug/L		95	61 - 130	0	30
1,1'-Biphenyl			2.86	2.703		ug/L		95	52 - 130	3	30
4-Aminobiphenyl			2.86	2.883		ug/L		101	35 - 130	6	30
1,2,4,5-Tetrachlorobenzene			2.86	1.813		ug/L		63	52 - 130	1	30
1,3,5-Trinitrobenzene			2.86	3.727		ug/L		130	42 - 130	6	30
1,3-Dinitrobenzene			2.86	3.356		ug/L		117	54 - 130	3	30
1,4-Naphthoquinone			2.86	2.813		ug/L		98	34 - 130	1	30
1-Naphthylamine			2.86	1.575		ug/L		55	40 - 130	0	30
2,6-Dichlorophenol			2.86	3.119		ug/L		109	40 - 130	4	30
2-Acetylaminofluorene			2.86	6.220	*+	ug/L		218	50 - 150	1	30
2-Chlorophenol			2.86	3.313		ug/L		116	36 - 120	4	30
2-Naphthylamine			2.86	2.202		ug/L		77	30 - 130	5	30
2-Picoline			2.86	0.9857		ug/L		35	22 - 130	4	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-200832/3-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200832

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Toluidine			2.86	2.272	*1	ug/L		80	30 - 130	128	30
3,3'-Dichlorobenzidine			2.86	4.045		ug/L		142	20 - 150	3	30
3,3'-Dimethylbenzidine			2.86	1.786		ug/L		63	30 - 130	0	30
3-Methylcholanthrene			2.86	3.304		ug/L		116	53 - 130	8	30
4-Nitroquinoline-1-oxide			2.86	2.909		ug/L		102	39 - 130	6	30
7,12-Dimethylbenz(a)anthracene			2.86	4.915	*+	ug/L		172	63 - 130	17	30
alpha,alpha-Dimethyl phenethylamine			2.86	<3.67	U *-	ug/L		0	20 - 130	NC	30
Aramite Peak 1			1.43	2.196	*+	ug/L		154	69 - 130	5	30
Aramite Peak 2			1.43	2.286	*+	ug/L		160	65 - 130	3	30
Diallate Peak 1			2.11	2.748		ug/L		130	69 - 130	5	30
Diallate Peak 2			0.743	0.9309		ug/L		125	67 - 130	8	30
Ethyl methanesulfonate			2.86	2.707		ug/L		95	54 - 130	5	30
Hexachloropropene			2.86	0.6218	*-	ug/L		22	37 - 130	4	30
Isosafrole Peak 1			0.457	0.4192	J	ug/L		92	54 - 130	4	30
Isosafrole Peak 2			2.40	2.419		ug/L		101	62 - 130	2	30
Methyl methanesulfonate			2.86	1.220		ug/L		43	30 - 130	0	30
N-Nitrosodiethylamine			2.86	3.399		ug/L		119	54 - 130	9	30
N-Nitrosodimethylamine			2.86	0.6518	*-	ug/L		23	28 - 126	8	30
N-Nitrosodi-n-butylamine			2.86	3.833	*+	ug/L		134	58 - 130	0	30
N-Nitrosomethylethylamine			2.86	2.127		ug/L		74	45 - 130	1	30
N-Nitrosomorpholine			2.86	1.561		ug/L		55	37 - 130	0	30
N-Nitrosopyrrolidine			2.86	1.789		ug/L		63	47 - 130	2	30
p-Dimethylamino azobenzene			2.86	3.466		ug/L		121	61 - 130	4	30
Pentachloronitrobenzene			2.86	3.833	*+	ug/L		134	56 - 130	5	30
Phenacetin			2.86	4.233	*+	ug/L		148	70 - 130	1	30
p-Phenylene diamine			2.86	<0.500	U *-	ug/L		0	3 - 120	NC	30
Pronamide			2.86	4.462	*+	ug/L		156	70 - 130	3	30
Safrole, Total			2.86	2.494		ug/L		87	70 - 130	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*148*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*118*		*43 - 130*
2-Fluorophenol (Surr)	*68*		*19 - 120*
Nitrobenzene-d5 (Surr)	*109*		*37 - 133*
Phenol-d5 (Surr)	*46*		*8 - 124*
p-Terphenyl-d14	*96*		*47 - 130*

Lab Sample ID: LCSD 860-200832/5-A
Matrix: Water
Analysis Batch: 201887

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200832

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethoate			2.86	10.83	*+	ug/L		379	45 - 138	3	30
Dinoseb			5.71	14.93	*+	ug/L		261	49 - 130	6	30
Disulfoton			5.71	9.731	*+	ug/L		170	38 - 134	6	30
Ethyl Parathion			2.86	13.84	*+	ug/L		484	25 - 173	9	30
Methapyrilene			5.71	21.85	*+	ug/L		382	70 - 183	6	30
Methyl parathion			5.71	12.21	*+	ug/L		214	26 - 159	8	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-200832/5-A
Matrix: Water
Analysis Batch: 201887

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200832

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
o,o',o''-Triethylphosphorothioate			2.86	4.173	*+	ug/L		146	43 - 130	5	30
Phorate			5.71	10.31	*+	ug/L		180	37 - 140	4	30
Sulfotepp			2.86	11.03	*+	ug/L		386	28 - 158	3	30
Thionazin			2.86	5.719	*+	ug/L		200	50 - 150	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*127*		*35 - 130*
2-Fluorobiphenyl	*93*		*43 - 130*
2-Fluorophenol (Surr)	*72*		*19 - 120*
Nitrobenzene-d5 (Surr)	*112*		*37 - 133*
Phenol-d5 (Surr)	*53*		*8 - 124*
p-Terphenyl-d14	*94*		*47 - 130*

QC Association Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87121-1

GC/MS VOA

Analysis Batch: 200630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-87121-1	TB-08 (111324)	Total/NA	Water	8260D	
860-87121-3	MW-14	Total/NA	Water	8260D	
860-87121-4	MW-15	Total/NA	Water	8260D	
860-87121-5	MW-12	Total/NA	Water	8260D	
860-87121-6	MW-7	Total/NA	Water	8260D	
MB 860-200630/16	Method Blank	Total/NA	Water	8260D	
LCS 860-200630/1010	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-200630/11	Lab Control Sample Dup	Total/NA	Water	8260D	
860-87121-3 MS	MW-14	Total/NA	Water	8260D	

Analysis Batch: 200848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-87121-2	MW-16	Total/NA	Water	8260D	
MB 860-200848/17	Method Blank	Total/NA	Water	8260D	
LCS 860-200848/1011	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-200848/12	Lab Control Sample Dup	Total/NA	Water	8260D	
860-87323-E-1 MS	Matrix Spike	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 200196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-87121-2 - DL	MW-16	Total/NA	Water	3511	
860-87121-2	MW-16	Total/NA	Water	3511	
860-87121-3 - DL	MW-14	Total/NA	Water	3511	
860-87121-3	MW-14	Total/NA	Water	3511	
860-87121-4	MW-15	Total/NA	Water	3511	
860-87121-4 - DL	MW-15	Total/NA	Water	3511	
860-87121-5	MW-12	Total/NA	Water	3511	
860-87121-6	MW-7	Total/NA	Water	3511	
MB 860-200196/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-200196/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-200196/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-200196/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-200196/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 200203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-200196/1-A	Method Blank	Total/NA	Water	8270E	200196
LCS 860-200196/2-A	Lab Control Sample	Total/NA	Water	8270E	200196
LCS 860-200196/4-A	Lab Control Sample	Total/NA	Water	8270E	200196
LCSD 860-200196/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	200196
LCSD 860-200196/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	200196

Analysis Batch: 200208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-87121-2	MW-16	Total/NA	Water	8270E	200196
860-87121-3	MW-14	Total/NA	Water	8270E	200196
860-87121-4	MW-15	Total/NA	Water	8270E	200196
860-87121-5	MW-12	Total/NA	Water	8270E	200196
860-87121-6	MW-7	Total/NA	Water	8270E	200196

GC/MS Semi VOA

Prep Batch: 200832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-87121-2 - RE	MW-16	Total/NA	Water	3511	
860-87121-3 - RE	MW-14	Total/NA	Water	3511	
860-87121-4 - RE	MW-15	Total/NA	Water	3511	
860-87121-5 - RE	MW-12	Total/NA	Water	3511	
860-87121-6 - RE	MW-7	Total/NA	Water	3511	
MB 860-200832/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-200832/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-200832/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-200832/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-200832/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 200999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-200832/1-A	Method Blank	Total/NA	Water	8270E	200832
LCS 860-200832/2-A	Lab Control Sample	Total/NA	Water	8270E	200832
LCSD 860-200832/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	200832

Analysis Batch: 201887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-200832/4-A	Lab Control Sample	Total/NA	Water	8270E	200832
LCSD 860-200832/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	200832

Analysis Batch: 205458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-87121-2 - DL	MW-16	Total/NA	Water	8270E	200196
860-87121-2 - RE	MW-16	Total/NA	Water	8270E	200832
860-87121-3 - DL	MW-14	Total/NA	Water	8270E	200196
860-87121-3 - RE	MW-14	Total/NA	Water	8270E	200832
860-87121-4 - DL	MW-15	Total/NA	Water	8270E	200196
860-87121-4 - RE	MW-15	Total/NA	Water	8270E	200832
860-87121-5 - RE	MW-12	Total/NA	Water	8270E	200832
860-87121-6 - RE	MW-7	Total/NA	Water	8270E	200832

Lab Chronicle

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87121-1

Client Sample ID: TB-08 (111324)
Date Collected: 11/13/24 00:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200630	11/19/24 14:04	A1S	EET HOU

Client Sample ID: MW-16
Date Collected: 11/13/24 08:55
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200848	11/20/24 17:07	NA	EET HOU
Total/NA	Prep	3511			70.5 mL	4 mL	200196	11/16/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	200208	11/17/24 16:52	T1S	EET HOU
Total/NA	Prep	3511	DL		70.5 mL	4 mL	200196	11/16/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E	DL	100	1 mL	1 mL	205458	12/14/24 11:11	T1S	EET HOU
Total/NA	Prep	3511	RE		70.2 mL	4 mL	200832	11/20/24 07:01	DR	EET HOU
Total/NA	Analysis	8270E	RE	100	1 mL	1 mL	205458	12/14/24 14:13	T1S	EET HOU

Client Sample ID: MW-14
Date Collected: 11/13/24 10:03
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200630	11/19/24 15:26	A1S	EET HOU
Total/NA	Prep	3511			71 mL	4 mL	200196	11/16/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	200208	11/17/24 17:23	T1S	EET HOU
Total/NA	Prep	3511	DL		71 mL	4 mL	200196	11/16/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E	DL	50	1 mL	1 mL	205458	12/14/24 11:41	T1S	EET HOU
Total/NA	Prep	3511	RE		70 mL	4 mL	200832	11/20/24 07:01	DR	EET HOU
Total/NA	Analysis	8270E	RE	50	1 mL	1 mL	205458	12/14/24 14:43	T1S	EET HOU

Client Sample ID: MW-15
Date Collected: 11/13/24 11:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87121-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		10	5 mL	5 mL	200630	11/19/24 18:09	A1S	EET HOU
Total/NA	Prep	3511			70.7 mL	4 mL	200196	11/16/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	200208	11/17/24 17:53	T1S	EET HOU
Total/NA	Prep	3511	DL		70.7 mL	4 mL	200196	11/16/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E	DL	100	1 mL	1 mL	205458	12/14/24 12:11	T1S	EET HOU
Total/NA	Prep	3511	RE		70.9 mL	4 mL	200832	11/20/24 07:01	DR	EET HOU
Total/NA	Analysis	8270E	RE	100	1 mL	1 mL	205458	12/14/24 15:13	T1S	EET HOU

Lab Chronicle

Client: Ashland LLC
Job ID: 860-87121-1
Project/Site: Hercules Hattiesburg, MS

Client Sample ID: MW-12
Lab Sample ID: 860-87121-5
Date Collected: 11/14/24 07:17
Matrix: Water
Date Received: 11/15/24 09:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200630	11/19/24 15:46	A1S	EET HOU
Total/NA	Prep	3511			70.2 mL	4 mL	200196	11/16/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	200208	11/17/24 18:24	T1S	EET HOU
Total/NA	Prep	3511	RE		70.3 mL	4 mL	200832	11/20/24 07:01	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	205458	12/14/24 15:43	T1S	EET HOU

Client Sample ID: MW-7
Lab Sample ID: 860-87121-6
Date Collected: 11/14/24 08:19
Matrix: Water
Date Received: 11/15/24 09:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200630	11/19/24 16:07	A1S	EET HOU
Total/NA	Prep	3511			70.5 mL	4 mL	200196	11/16/24 05:06	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	200208	11/17/24 18:54	T1S	EET HOU
Total/NA	Prep	3511	RE		71 mL	4 mL	200832	11/20/24 07:01	DR	EET HOU
Total/NA	Analysis	8270E	RE	1	1 mL	1 mL	205458	12/14/24 16:14	T1S	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Ashland LLC
Job ID: 860-87121-1
Project/Site: Hercules Hattiesburg, MS

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-03-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	06-30-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	06-30-25
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87121-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87121-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-87121-1	TB-08 (111324)	Water	11/13/24 00:00	11/15/24 09:56
860-87121-2	MW-16	Water	11/13/24 08:55	11/15/24 09:56
860-87121-3	MW-14	Water	11/13/24 10:03	11/15/24 09:56
860-87121-4	MW-15	Water	11/13/24 11:00	11/15/24 09:56
860-87121-5	MW-12	Water	11/14/24 07:17	11/15/24 09:56
860-87121-6	MW-7	Water	11/14/24 08:19	11/15/24 09:56

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

Kurt Wells

eurofins | Environment Testing

Client Information	Sampler: K. Montgomery	Lab PM: Kudchadkar Sachin G	Carrier Tracking No(s):	COC No: 860-33465-10045.1
Client Contact: Mr Antonio Cardoso	Phone: 225-205-8246	E-Mail: Sachin.Kudchadkar@et.eurofinsus.com	State of Origin:	Page: Page 10f 1
Company: Arcadis US Inc.	PWSID:			Job #:
Address: 4300 West Cypress Street Suite 450	Due Date Requested:			
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33607	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 1095575			
Email: antonio.cardoso@arcadis.com	WO #:			
Project Name: Hercules Hattiesburg, MS	Project #: 86006085			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ (MOD) Appendix 9 SVOCs	8260D (MOD) Appendix 9 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
TB-08(111324)	11-13-24	—	G	Water	N	N	—	X	2	
MW-16	"	0855	G	Water	N	N	X	X	7	
MW-14	"	1003	G	Water	N	N	X	X	7	
MW-15	"	1100	G	Water	N	N	X	X	7	
MW-12	11-14-24	0717	G	Water	N	N	X	X	7	
MW-7	"	0819	G	Water	N	N	X	X	7	
				Water						
				Water						
				Water						
				Water						
				Water						

860-87121 Chain of Custody

Temp: 18 IR ID:HOU-368
C/F: -0.1
Corrected Temp: 17

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
K Montgomery	11-14-24 / 0936	Arcadis	Fedex		
Relinquished by: Fedex	Date/Time: /	Company	Received by:	Date/Time: 11/15/24 956	Company E
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

12/16/2024

Login Sample Receipt Checklist

Client: Ashland LLC

Job Number: 860-87121-1

Login Number: 87121
List Number: 1
Creator: Rubio, Yuri

List Source: Eurofins Houston

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Timothy Hassett
Ashland LLC
Ashland Hercules Research Center
500 Hercules Rd Bldg 8145
Wilmington, Delaware 19808

Generated 12/27/2024 1:19:20 PM

JOB DESCRIPTION

Hercules Hattiesburg, MS

JOB NUMBER

860-87137-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
12/27/2024 1:19:20 PM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Definitions/Glossary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87137-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 860-87137-1 — Eurofins Houston

Job Narrative
860-87137-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 11/15/2024 9:56 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.1°C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 860-200630 recovered outside control limits for the following analytes: Iodomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-23 (860-87137-2), MW-21 (860-87137-3), MW-17 (860-87137-4), MW-08 (860-87137-5), MW-13 (860-87137-6) and DUPE-01 (860-87137-7). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-200999 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-200999/2).

Method 8270E_QQQ: The surrogate recovery for the laboratory control sample and laboratory control sample duplicate associated with preparation batch 860-200553 and analytical batch 860-200999 was outside the upper control limits.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-201887 recovered above the upper control limit for multiple analytes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 860-201887/3).

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-200553 and analytical batch 860-200999 recovered outside control limits for multiple analytes. The associated sample was re-prepared and/or re-analyzed outside holding time.

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-200553 and analytical batch 860-201887 recovered outside control limits for multiple analytes. The associated sample(s) was re-prepared and re-analyzed outside holding time.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-205458 recovered above the upper control limit for p-Terphenyl-d14, Di-n-octyl phthalate, Benzo[b]fluoranthene, Benzo[a]anthracene, Phenanthrene and Anthracene.

Job ID: 860-87137-1 (Continued) Eurofins Houston

The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-205458/2).

Method 8270E_QQQ: The following samples required a dilution due to the nature of the sample matrix: MW-23 (860-87137-2), MW-21 (860-87137-3), MW-08 (860-87137-5), MW-13 (860-87137-6) and DUPE-01 (860-87137-7). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-23 (860-87137-2), MW-21 (860-87137-3), MW-17 (860-87137-4), MW-08 (860-87137-5), MW-13 (860-87137-6) and DUPE-01 (860-87137-7). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The laboratory control sample and laboratory control sample duplicate (LCS/LCSD) for preparation batch 860-205841 and analytical batch 860-206380 recovered outside control limits for multiple analytes. The associated sample was re-prepared and/or re-analyzed outside holding time.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The following samples were re-prepared outside of preparation holding time due to initial analysis LCS/LCSD recoveries outside control limits: MW-23 (860-87137-2), MW-21 (860-87137-3), MW-17 (860-87137-4), MW-08 (860-87137-5), MW-13 (860-87137-6) and DUPE-01 (860-87137-7).

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: MW-23 (860-87137-2), MW-17 (860-87137-4), MW-08 (860-87137-5), MW-13 (860-87137-6) and DUPE-01 (860-87137-7). These results have been reported and qualified.

Method 8270E_QQQ: Surrogate recovery for the following sample was outside control limits: MW-21 (860-87137-3). Re-extraction and re-analysis was performed and surrogate recovery was outside control limits.

Method 8270E_QQQ: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-23 (860-87137-2), MW-21 (860-87137-3) and MW-17 (860-87137-4). Elevated reporting limits (RLs) are provided.

Method 8270E_QQQ: The following samples required a dilution due to the nature of the sample matrix: MW-23 (860-87137-2), MW-21 (860-87137-3) and MW-17 (860-87137-4). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270E_QQQ: The following samples were re-prepared outside of preparation holding time due to initial analysis LCS/LCSD recoveries outside control limits: MW-23 (860-87137-2), MW-21 (860-87137-3) and MW-17 (860-87137-4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87137-1

Client Sample ID: TB-09(111324) — Lab Sample ID: 860-87137-1

No Detections.

Client Sample ID: MW-23 — Lab Sample ID: 860-87137-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	985		500	261	ug/L	50		8260D	Total/NA
Benzene	6870		50.0	23.0	ug/L	50		8260D	Total/NA
Chlorobenzene	190		50.0	22.8	ug/L	50		8260D	Total/NA
1,2-Dichlorobenzene	2.69		0.570	0.0938	ug/L	1		8270E	Total/NA
1,3-Dichlorobenzene	0.217	J	0.570	0.101	ug/L	1		8270E	Total/NA
1,4-Dichlorobenzene	3.15		0.570	0.0777	ug/L	1		8270E	Total/NA
2,4,5-Trichlorophenol	0.574	*+	0.570	0.143	ug/L	1		8270E	Total/NA
2,4-Dimethylphenol	16.4	*+	0.570	0.192	ug/L	1		8270E	Total/NA
2-Methylnaphthalene	1.02		0.570	0.0601	ug/L	1		8270E	Total/NA
2-Methylphenol	13.5		0.570	0.104	ug/L	1		8270E	Total/NA
Acenaphthene	1.73		0.570	0.107	ug/L	1		8270E	Total/NA
Bis(2-chloroethyl)ether	20.6	*+	0.570	0.214	ug/L	1		8270E	Total/NA
Dibenzofuran	1.52	*+	0.570	0.106	ug/L	1		8270E	Total/NA
Fluoranthene	0.388	J	0.570	0.0881	ug/L	1		8270E	Total/NA
Fluorene	2.05		0.570	0.0945	ug/L	1		8270E	Total/NA
Pentachlorophenol	1.25		1.14	1.04	ug/L	1		8270E	Total/NA
Pyrene	0.158	J	0.570	0.0846	ug/L	1		8270E	Total/NA
Pyridine	1.98	J	2.85	1.43	ug/L	1		8270E	Total/NA
2,3,4,6-Tetrachlorophenol	3.29		0.570	0.210	ug/L	1		8270E	Total/NA
Acetophenone	1.10	J *+	1.14	0.622	ug/L	1		8270E	Total/NA
2,6-Dichlorophenol	0.280	J	0.570	0.118	ug/L	1		8270E	Total/NA
2-Chlorophenol	0.803	*+	0.570	0.0754	ug/L	1		8270E	Total/NA
o,o',o''-Triethylphosphorothioate	9.31	*+	0.570	0.138	ug/L	1		8270E	Total/NA
Sulfotepp	0.292	J *+	0.570	0.146	ug/L	1		8270E	Total/NA
1,4-Dioxane - DL	261		57.0	8.87	ug/L	100		8270E	Total/NA
Naphthalene - DL	33.1	J	57.0	9.42	ug/L	100		8270E	Total/NA
1,1'-Biphenyl - DL	425		57.0	9.79	ug/L	100		8270E	Total/NA
Diphenyl ether - DL2	2300		570	90.7	ug/L	1000		8270E	Total/NA
Anthracene - RA	0.205	J	0.570	0.0935	ug/L	1		8270E	Total/NA
Phenanthrene - RA	2.71		0.570	0.134	ug/L	1		8270E	Total/NA
1,4-Dioxane - RE	259	H *-	56.9	8.86	ug/L	100		8270E	Total/NA
Naphthalene - RE	26.8	J H	56.9	9.40	ug/L	100		8270E	Total/NA
1,1'-Biphenyl - RE	332	H	56.9	9.77	ug/L	100		8270E	Total/NA
Diphenyl ether - REDL	2100	H	569	90.6	ug/L	1000		8270E	Total/NA

Client Sample ID: MW-21 — Lab Sample ID: 860-87137-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Propanol	669		500	261	ug/L	50		8260D	Total/NA
Benzene	3950		50.0	23.0	ug/L	50		8260D	Total/NA
Chlorobenzene	144		50.0	22.8	ug/L	50		8260D	Total/NA
Cumene (isopropylbenzene)	154		50.0	29.6	ug/L	50		8260D	Total/NA
Tetrahydrofuran	238	J	500	91.7	ug/L	50		8260D	Total/NA
Toluene	68.6		50.0	23.8	ug/L	50		8260D	Total/NA
1,2-Dichlorobenzene	2.41		0.570	0.0938	ug/L	1		8270E	Total/NA
1,3-Dichlorobenzene	0.229	J	0.570	0.101	ug/L	1		8270E	Total/NA
1,4-Dichlorobenzene	3.14		0.570	0.0777	ug/L	1		8270E	Total/NA
2,4,5-Trichlorophenol	0.397	J *+	0.570	0.143	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-21 (Continued)

Lab Sample ID: 860-87137-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,4-Dimethylphenol	17.9	*+	0.570	0.192	ug/L	1		8270E	Total/NA
2-Methylnaphthalene	0.890		0.570	0.0601	ug/L	1		8270E	Total/NA
3 & 4 Methylphenol	10.7		0.570	0.138	ug/L	1		8270E	Total/NA
Dibenzofuran	0.906	*+	0.570	0.106	ug/L	1		8270E	Total/NA
Fluorene	0.105	J	0.570	0.0945	ug/L	1		8270E	Total/NA
Pentachlorophenol	1.41		1.14	1.04	ug/L	1		8270E	Total/NA
2,3,4,6-Tetrachlorophenol	2.52		0.570	0.210	ug/L	1		8270E	Total/NA
Acetophenone	10.9	*+	1.14	0.622	ug/L	1		8270E	Total/NA
2,6-Dichlorophenol	0.356	J	0.570	0.118	ug/L	1		8270E	Total/NA
o,o',o''-Triethylphosphorothioate	6.32	*+	0.570	0.138	ug/L	1		8270E	Total/NA
Sulfotepp	6.34	*+	0.570	0.146	ug/L	1		8270E	Total/NA
1,4-Dioxane - DL	226		57.0	8.87	ug/L	100		8270E	Total/NA
Naphthalene - DL	28.6	J	57.0	9.42	ug/L	100		8270E	Total/NA
1,1'-Biphenyl - DL	432		57.0	9.79	ug/L	100		8270E	Total/NA
Diphenyl ether - DL2	2250		570	90.7	ug/L	1000		8270E	Total/NA
1,4-Dioxane - RE	267	H *-	57.0	8.87	ug/L	100		8270E	Total/NA
Naphthalene - RE	23.7	J H	57.0	9.42	ug/L	100		8270E	Total/NA
1,1'-Biphenyl - RE	424	H	57.0	9.79	ug/L	100		8270E	Total/NA
Diphenyl ether - REDL	2530	H	570	90.7	ug/L	1000		8270E	Total/NA

Client Sample ID: MW-17

Lab Sample ID: 860-87137-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	377	J	500	230	ug/L	500		8260D	Total/NA
Carbon tetrachloride	40800		2500	448	ug/L	500		8260D	Total/NA
Chlorobenzene	790		500	228	ug/L	500		8260D	Total/NA
Chloroform	2350		500	232	ug/L	500		8260D	Total/NA
1,2,4-Trichlorobenzene	1.07		0.576	0.0772	ug/L	1		8270E	Total/NA
1,2-Dichlorobenzene	13.7		0.576	0.0948	ug/L	1		8270E	Total/NA
1,3-Dichlorobenzene	2.20		0.576	0.102	ug/L	1		8270E	Total/NA
1,4-Dichlorobenzene	21.9		0.576	0.0785	ug/L	1		8270E	Total/NA
2,4,5-Trichlorophenol	0.147	J *+	0.576	0.144	ug/L	1		8270E	Total/NA
2-Methylnaphthalene	0.456	J I	0.576	0.0607	ug/L	1		8270E	Total/NA
3 & 4 Methylphenol	7.96		0.576	0.140	ug/L	1		8270E	Total/NA
Acenaphthene	0.738		0.576	0.108	ug/L	1		8270E	Total/NA
Dibenzofuran	0.236	J *+	0.576	0.107	ug/L	1		8270E	Total/NA
Diethyl phthalate	0.470	J	1.15	0.156	ug/L	1		8270E	Total/NA
Fluorene	0.109	J I	0.576	0.0955	ug/L	1		8270E	Total/NA
Hexachlorobutadiene	0.292	J	0.576	0.103	ug/L	1		8270E	Total/NA
Hexachloroethane	19.6		0.576	0.103	ug/L	1		8270E	Total/NA
Naphthalene	4.12		0.576	0.0951	ug/L	1		8270E	Total/NA
Diphenyl ether	1.95		0.576	0.0916	ug/L	1		8270E	Total/NA
1,1'-Biphenyl	0.422	J	0.576	0.0988	ug/L	1		8270E	Total/NA
2-Chlorophenol	1.33	*+	0.576	0.0762	ug/L	1		8270E	Total/NA
Disulfoton	3.51	*+	0.576	0.204	ug/L	1		8270E	Total/NA
Sulfotepp	0.531	J *+	0.576	0.148	ug/L	1		8270E	Total/NA
1,4-Dioxane - DL	57.6		11.5	1.79	ug/L	20		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - DL2	1600	*+	115	27.9	ug/L	200		8270E	Total/NA
1,2-Dichlorobenzene - RE	10.6	J H	11.4	1.87	ug/L	20		8270E	Total/NA
1,4-Dichlorobenzene - RE	16.8	H	11.4	1.55	ug/L	20		8270E	Total/NA
1,4-Dioxane - RE	67.1	H *-	11.4	1.77	ug/L	20		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-17 (Continued) — Lab Sample ID: 860-87137-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-chloroethoxy)methane - RE	173	H	11.4	1.94	ug/L	20		8270E	Total/NA
Hexachloroethane - RE	13.9	H	11.4	2.03	ug/L	20		8270E	Total/NA
Naphthalene - RE	2.71	J H	11.4	1.88	ug/L	20		8270E	Total/NA
Diphenyl ether - RE	8.72	J H	11.4	1.81	ug/L	20		8270E	Total/NA
2-Chlorophenol - RE	1.84	J H	11.4	1.50	ug/L	20		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - REDL	1560	H	114	27.5	ug/L	200		8270E	Total/NA

Client Sample ID: MW-08 — Lab Sample ID: 860-87137-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	481		100	46.0	ug/L	100		8260D	Total/NA
Carbon tetrachloride	1500		500	89.6	ug/L	100		8260D	Total/NA
Chlorobenzene	101		100	45.5	ug/L	100		8260D	Total/NA
Chloroform	221		100	46.4	ug/L	100		8260D	Total/NA
Methylene Chloride	192	J	500	173	ug/L	100		8260D	Total/NA
1,2,4-Trichlorobenzene	0.160	J	0.569	0.0763	ug/L	1		8270E	Total/NA
1,2-Dichlorobenzene	1.09		0.569	0.0937	ug/L	1		8270E	Total/NA
1,3-Dichlorobenzene	0.264	J	0.569	0.101	ug/L	1		8270E	Total/NA
1,4-Dichlorobenzene	1.62		0.569	0.0776	ug/L	1		8270E	Total/NA
2,4-Dimethylphenol	0.652	I *+	0.569	0.191	ug/L	1		8270E	Total/NA
3 & 4 Methylphenol	5.02		0.569	0.138	ug/L	1		8270E	Total/NA
Acenaphthene	0.111	J	0.569	0.107	ug/L	1		8270E	Total/NA
Benzyl alcohol	1.87	I	1.14	0.597	ug/L	1		8270E	Total/NA
Diethyl phthalate	0.546	J	1.14	0.154	ug/L	1		8270E	Total/NA
Hexachloroethane	0.308	J	0.569	0.101	ug/L	1		8270E	Total/NA
Naphthalene	0.363	J	0.569	0.0940	ug/L	1		8270E	Total/NA
Pentachlorophenol	5.40		1.14	1.03	ug/L	1		8270E	Total/NA
Phenol	2.86	I	1.14	1.14	ug/L	1		8270E	Total/NA
Diphenyl ether	0.365	J	0.569	0.0906	ug/L	1		8270E	Total/NA
2-Chlorophenol	0.240	J *+	0.569	0.0753	ug/L	1		8270E	Total/NA
1,4-Dioxane - DL	623		28.4	4.43	ug/L	50		8270E	Total/NA
Bis(2-chloroethoxy)methane - DL	81.2	I	28.4	4.85	ug/L	50		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - DL	662		28.4	6.88	ug/L	50		8270E	Total/NA
1,4-Dioxane - RE	637	H *-	28.3	4.41	ug/L	50		8270E	Total/NA
Bis(2-chloroethoxy)methane - RE	74.2	H I	28.3	4.83	ug/L	50		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - RE	591	H	28.3	6.85	ug/L	50		8270E	Total/NA

Client Sample ID: MW-13 — Lab Sample ID: 860-87137-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	327		20.0	9.19	ug/L	20		8260D	Total/NA
Carbon tetrachloride	1030		100	17.9	ug/L	20		8260D	Total/NA
Chlorobenzene	25.0		20.0	9.10	ug/L	20		8260D	Total/NA
Chloroform	288		20.0	9.28	ug/L	20		8260D	Total/NA
1,2,4-Trichlorobenzene	0.0957	J	0.571	0.0765	ug/L	1		8270E	Total/NA
1,2-Dichlorobenzene	0.930		0.571	0.0939	ug/L	1		8270E	Total/NA
1,3-Dichlorobenzene	0.118	J	0.571	0.102	ug/L	1		8270E	Total/NA
1,4-Dichlorobenzene	1.16		0.571	0.0778	ug/L	1		8270E	Total/NA
3 & 4 Methylphenol	0.754		0.571	0.139	ug/L	1		8270E	Total/NA
Benzyl alcohol	0.813	J	1.14	0.599	ug/L	1		8270E	Total/NA
Diethyl phthalate	0.186	J I	1.14	0.154	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-13 (Continued)
Lab Sample ID: 860-87137-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Hexachloroethane	0.134	J	0.571	0.102	ug/L	1		8270E	Total/NA
Phenol	1.91	I	1.14	1.14	ug/L	1		8270E	Total/NA
Diphenyl ether	0.208	J	0.571	0.0909	ug/L	1		8270E	Total/NA
1,4-Dioxane - DL	123		28.5	4.44	ug/L	50		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - DL	66.7		28.5	6.90	ug/L	50		8270E	Total/NA
1,4-Dioxane - RE	144	H *-	28.7	4.46	ug/L	50		8270E	Total/NA
Bis(2-chloroethoxy)methane - RE	6.82	J H I	28.7	4.89	ug/L	50		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - RE	54.6	H	28.7	6.93	ug/L	50		8270E	Total/NA

Client Sample ID: DUPE-01
Lab Sample ID: 860-87137-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	286		20.0	9.19	ug/L	20		8260D	Total/NA
Carbon tetrachloride	961		100	17.9	ug/L	20		8260D	Total/NA
Chlorobenzene	22.7		20.0	9.10	ug/L	20		8260D	Total/NA
Chloroform	255		20.0	9.28	ug/L	20		8260D	Total/NA
1,2,4-Trichlorobenzene	0.0898	J	0.573	0.0768	ug/L	1		8270E	Total/NA
1,2-Dichlorobenzene	0.870		0.573	0.0943	ug/L	1		8270E	Total/NA
1,3-Dichlorobenzene	0.112	J	0.573	0.102	ug/L	1		8270E	Total/NA
1,4-Dichlorobenzene	1.11		0.573	0.0781	ug/L	1		8270E	Total/NA
3 & 4 Methylphenol	0.608	I	0.573	0.139	ug/L	1		8270E	Total/NA
Diethyl phthalate	0.167	J I	1.15	0.155	ug/L	1		8270E	Total/NA
Hexachloroethane	0.141	J	0.573	0.102	ug/L	1		8270E	Total/NA
Phenol	1.48	I	1.15	1.15	ug/L	1		8270E	Total/NA
Diphenyl ether	0.237	J	0.573	0.0912	ug/L	1		8270E	Total/NA
1,4-Dioxane - DL	117		28.7	4.46	ug/L	50		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - DL	62.8		28.7	6.93	ug/L	50		8270E	Total/NA
1,4-Dioxane - RE	108	H *-	28.4	4.43	ug/L	50		8270E	Total/NA
Bis(2-chloroethoxy)methane - RE	7.75	J H	28.4	4.85	ug/L	50		8270E	Total/NA
o,o',o''-Triethylphosphorothioate - RE	63.2	H	28.4	6.88	ug/L	50		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87137-1

Client Sample ID: TB-09(111324)

Date Collected: 11/13/24 00:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-1

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/19/24 14:24	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/19/24 14:24	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/19/24 14:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/19/24 14:24	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/19/24 14:24	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/19/24 14:24	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/19/24 14:24	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/19/24 14:24	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/19/24 14:24	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/19/24 14:24	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/19/24 14:24	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/19/24 14:24	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/19/24 14:24	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/19/24 14:24	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/19/24 14:24	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/19/24 14:24	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/19/24 14:24	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/19/24 14:24	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/19/24 14:24	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/19/24 14:24	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/19/24 14:24	1
Acetone	<3.07	U	100	3.07	ug/L			11/19/24 14:24	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/19/24 14:24	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/19/24 14:24	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/19/24 14:24	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/19/24 14:24	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/19/24 14:24	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/19/24 14:24	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/19/24 14:24	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/19/24 14:24	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/19/24 14:24	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/19/24 14:24	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/19/24 14:24	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/19/24 14:24	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/19/24 14:24	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/19/24 14:24	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/19/24 14:24	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/19/24 14:24	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/19/24 14:24	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/19/24 14:24	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/19/24 14:24	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/19/24 14:24	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/19/24 14:24	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/19/24 14:24	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/19/24 14:24	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/19/24 14:24	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/19/24 14:24	1
Iodomethane	<5.00	U *+	20.0	5.00	ug/L			11/19/24 14:24	1
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/19/24 14:24	1

Client Sample ID: TB-09(111324)

Date Collected: 11/13/24 00:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/19/24 14:24	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/19/24 14:24	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/19/24 14:24	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/19/24 14:24	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/19/24 14:24	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/19/24 14:24	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/19/24 14:24	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/19/24 14:24	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/19/24 14:24	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/19/24 14:24	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/19/24 14:24	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/19/24 14:24	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/19/24 14:24	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/19/24 14:24	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/19/24 14:24	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/19/24 14:24	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/19/24 14:24	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/19/24 14:24	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/19/24 14:24	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/19/24 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*11/19/24 14:24*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*11/19/24 14:24*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*11/19/24 14:24*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/19/24 14:24*	*1*

Client Sample ID: MW-23

Date Collected: 11/13/24 08:42
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<32.2	U	50.0	32.2	ug/L			11/19/24 18:30	50
1,1,1-Trichloroethane	<29.3	U	250	29.3	ug/L			11/19/24 18:30	50
1,1,2,2-Tetrachloroethane	<23.5	U	50.0	23.5	ug/L			11/19/24 18:30	50
1,1,2-Trichloro-1,2,2-trifluoroethane	<55.5	U	500	55.5	ug/L			11/19/24 18:30	50
1,1,2-Trichloroethane	<20.6	U	50.0	20.6	ug/L			11/19/24 18:30	50
1,1-Dichloroethane	<31.8	U	50.0	31.8	ug/L			11/19/24 18:30	50
1,1-Dichloroethene	<36.9	U	50.0	36.9	ug/L			11/19/24 18:30	50
1,2,3-Trichloropropane	<23.5	U	50.0	23.5	ug/L			11/19/24 18:30	50
1,2,4-Trimethylbenzene	<20.9	U	50.0	20.9	ug/L			11/19/24 18:30	50
1,2-Dibromo-3-Chloropropane	<33.6	U	250	33.6	ug/L			11/19/24 18:30	50
1,2-Dibromoethane	<50.0	U	250	50.0	ug/L			11/19/24 18:30	50
1,2-Dichloroethane	<18.6	U	50.0	18.6	ug/L			11/19/24 18:30	50
1,2-Dichloropropane	<27.8	U	250	27.8	ug/L			11/19/24 18:30	50
1,3,5-Trimethylbenzene	<20.6	U	50.0	20.6	ug/L			11/19/24 18:30	50
1,3-Butadiene	<28.4	U	50.0	28.4	ug/L			11/19/24 18:30	50
2,2,4-Trimethylpentane	<25.0	U	250	25.0	ug/L			11/19/24 18:30	50
2-Butanone (MEK)	<414	U	2500	414	ug/L			11/19/24 18:30	50

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87137-1

Client Sample ID: MW-23
Date Collected: 11/13/24 08:42
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone (MBK)	<250	U	2500	250	ug/L			11/19/24 18:30	50
2-Propanol	**985**		500	261	ug/L			11/19/24 18:30	50
3-Chloropropene (Allyl Chloride)	<29.9	U	250	29.9	ug/L			11/19/24 18:30	50
4-Methyl-2-pentanone	<250	U	2500	250	ug/L			11/19/24 18:30	50
Acetone	<153	U	5000	153	ug/L			11/19/24 18:30	50
Acetonitrile	<730	U	5000	730	ug/L			11/19/24 18:30	50
Acrolein	<556	U	2500	556	ug/L			11/19/24 18:30	50
Acrylonitrile	<716	U	2500	716	ug/L			11/19/24 18:30	50
alpha-Chlorotoluene	<113	U	250	113	ug/L			11/19/24 18:30	50
Benzene	**6870**		50.0	23.0	ug/L			11/19/24 18:30	50
Bromodichloromethane	<27.6	U	50.0	27.6	ug/L			11/19/24 18:30	50
Bromoform	<31.7	U	250	31.7	ug/L			11/19/24 18:30	50
Bromomethane	<71.0	U	250	71.0	ug/L			11/19/24 18:30	50
Carbon disulfide	<82.5	U	250	82.5	ug/L			11/19/24 18:30	50
Carbon tetrachloride	<44.8	U	250	44.8	ug/L			11/19/24 18:30	50
Chlorobenzene	**190**		50.0	22.8	ug/L			11/19/24 18:30	50
Chlorodibromomethane	<27.4	U	250	27.4	ug/L			11/19/24 18:30	50
Chloroethane	<99.2	U	500	99.2	ug/L			11/19/24 18:30	50
Chloroform	<23.2	U	50.0	23.2	ug/L			11/19/24 18:30	50
Chloromethane	<102	U	500	102	ug/L			11/19/24 18:30	50
Chloroprene	<29.9	U	250	29.9	ug/L			11/19/24 18:30	50
cis-1,2-Dichloroethene	<22.9	U	50.0	22.9	ug/L			11/19/24 18:30	50
cis-1,3-Dichloropropene	<53.4	U	250	53.4	ug/L			11/19/24 18:30	50
Cumene (isopropylbenzene)	<29.6	U	50.0	29.6	ug/L			11/19/24 18:30	50
Cyclohexane	<64.3	U	250	64.3	ug/L			11/19/24 18:30	50
Dibromomethane	<17.9	U	50.0	17.9	ug/L			11/19/24 18:30	50
Dichlorodifluoromethane	<39.3	U	50.0	39.3	ug/L			11/19/24 18:30	50
Ethyl methacrylate	<55.9	U	250	55.9	ug/L			11/19/24 18:30	50
Ethylbenzene	<19.3	U	50.0	19.3	ug/L			11/19/24 18:30	50
Hexane	<25.9	U	250	25.9	ug/L			11/19/24 18:30	50
Iodomethane	<250	U *+	1000	250	ug/L			11/19/24 18:30	50
Isobutanol	<855	U	2500	855	ug/L			11/19/24 18:30	50
Methacrylonitrile	<136	U	500	136	ug/L			11/19/24 18:30	50
Methyl methacrylate	<113	U	500	113	ug/L			11/19/24 18:30	50
Methyl tert-butyl ether	<69.6	U	250	69.6	ug/L			11/19/24 18:30	50
Methylene Chloride	<86.3	U	250	86.3	ug/L			11/19/24 18:30	50
Propionitrile	<167	U	500	167	ug/L			11/19/24 18:30	50
Propylbenzene	<21.5	U	50.0	21.5	ug/L			11/19/24 18:30	50
Styrene	<31.0	U	50.0	31.0	ug/L			11/19/24 18:30	50
Tetrachloroethene	<32.8	U	50.0	32.8	ug/L			11/19/24 18:30	50
Tetrahydrofuran	<91.7	U	500	91.7	ug/L			11/19/24 18:30	50
Toluene	<23.8	U	50.0	23.8	ug/L			11/19/24 18:30	50
trans-1,2-Dichloroethene	<18.4	U	50.0	18.4	ug/L			11/19/24 18:30	50
trans-1,3-Dichloropropene	<63.4	U	250	63.4	ug/L			11/19/24 18:30	50
trans-1,4-Dichloro-2-butene	<67.5	U	500	67.5	ug/L			11/19/24 18:30	50
Trichloroethene	<75.0	U	250	75.0	ug/L			11/19/24 18:30	50
Trichlorofluoromethane	<28.0	U	50.0	28.0	ug/L			11/19/24 18:30	50
Vinyl acetate	<107	U	1000	107	ug/L			11/19/24 18:30	50
Vinyl chloride	<21.4	U	100	21.4	ug/L			11/19/24 18:30	50

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87137-1

Client Sample ID: MW-23

Date Collected: 11/13/24 08:42
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-2

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<62.0	U	500	62.0	ug/L			11/19/24 18:30	50
m,p-Xylenes	<0.0620	U	0.500	0.0620	mg/L			11/19/24 18:30	50
o-Xylene	<0.0251	U	0.0500	0.0251	mg/L			11/19/24 18:30	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*11/19/24 18:30*	*50*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*11/19/24 18:30*	*50*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*11/19/24 18:30*	*50*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/19/24 18:30*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0764	U	0.570	0.0764	ug/L		11/19/24 05:14	12/14/24 07:10	1
1,2-Dichlorobenzene	**2.69**		0.570	0.0938	ug/L		11/19/24 05:14	12/14/24 07:10	1
1,3-Dichlorobenzene	**0.217**	**J**	0.570	0.101	ug/L		11/19/24 05:14	12/14/24 07:10	1
1,4-Dichlorobenzene	**3.15**		0.570	0.0777	ug/L		11/19/24 05:14	12/14/24 07:10	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.85	1.42	ug/L		11/19/24 05:14	12/14/24 07:10	1
2,4,5-Trichlorophenol	**0.574**	***+**	0.570	0.143	ug/L		11/19/24 05:14	12/14/24 07:10	1
2,4,6-Trichlorophenol	<0.230	U *+	0.570	0.230	ug/L		11/19/24 05:14	12/14/24 07:10	1
2,4-Dichlorophenol	<0.140	U	0.570	0.140	ug/L		11/19/24 05:14	12/14/24 07:10	1
2,4-Dimethylphenol	**16.4**	***+**	0.570	0.192	ug/L		11/19/24 05:14	12/14/24 07:10	1
2,4-Dinitrophenol	<0.104	U	2.85	0.104	ug/L		11/19/24 05:14	12/14/24 07:10	1
2,4-Dinitrotoluene	<0.204	U	0.570	0.204	ug/L		11/19/24 05:14	12/14/24 07:10	1
2,6-Dinitrotoluene	<0.116	U	0.570	0.116	ug/L		11/19/24 05:14	12/14/24 07:10	1
2-Chloronaphthalene	<0.377	U	0.570	0.377	ug/L		11/19/24 05:14	12/14/24 07:10	1
2-Methylnaphthalene	**1.02**		0.570	0.0601	ug/L		11/19/24 05:14	12/14/24 07:10	1
2-Methylphenol	**13.5**		0.570	0.104	ug/L		11/19/24 05:14	12/14/24 07:10	1
2-Nitroaniline	<0.149	U *+	0.570	0.149	ug/L		11/19/24 05:14	12/14/24 07:10	1
2-Nitrophenol	<0.136	U	0.570	0.136	ug/L		11/19/24 05:14	12/14/24 07:10	1
3 & 4 Methylphenol	<0.138	U	0.570	0.138	ug/L		11/19/24 05:14	12/14/24 07:10	1
3-Nitroaniline	<0.0850	U	0.570	0.0850	ug/L		11/19/24 05:14	12/14/24 07:10	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/19/24 05:14	12/14/24 07:10	1
4-Bromophenyl phenyl ether	<0.100	U *+	0.570	0.100	ug/L		11/19/24 05:14	12/14/24 07:10	1
4-Chloro-3-methylphenol	<0.103	U	0.570	0.103	ug/L		11/19/24 05:14	12/14/24 07:10	1
4-Chloroaniline	<0.0384	U	0.570	0.0384	ug/L		11/19/24 05:14	12/14/24 07:10	1
4-Chlorophenyl phenyl ether	<0.130	U	0.570	0.130	ug/L		11/19/24 05:14	12/14/24 07:10	1
4-Nitroaniline	<0.108	U	0.570	0.108	ug/L		11/19/24 05:14	12/14/24 07:10	1
Acenaphthene	**1.73**		0.570	0.107	ug/L		11/19/24 05:14	12/14/24 07:10	1
Acenaphthylene	<0.0994	U	0.570	0.0994	ug/L		11/19/24 05:14	12/14/24 07:10	1
Aniline	<0.0578	U	0.570	0.0578	ug/L		11/19/24 05:14	12/14/24 07:10	1
Benzo[a]anthracene	<0.0285	U *+	0.0285	0.0285	ug/L		11/19/24 05:14	12/14/24 07:10	1
Benzo[a]pyrene	<0.0299	U	0.0570	0.0299	ug/L		11/19/24 05:14	12/14/24 07:10	1
Benzo[b]fluoranthene	<0.0662	U *+	0.570	0.0662	ug/L		11/19/24 05:14	12/14/24 07:10	1
Benzo[g,h,i]perylene	<0.0344	U	0.570	0.0344	ug/L		11/19/24 05:14	12/14/24 07:10	1
Benzo[k]fluoranthene	<0.0471	U	0.570	0.0471	ug/L		11/19/24 05:14	12/14/24 07:10	1
Benzyl alcohol	<0.598	U	1.14	0.598	ug/L		11/19/24 05:14	12/14/24 07:10	1
Bis(2-chloroethoxy)methane	<0.0972	U	0.570	0.0972	ug/L		11/19/24 05:14	12/14/24 07:10	1
Bis(2-chloroethyl)ether	**20.6**	***+**	0.570	0.214	ug/L		11/19/24 05:14	12/14/24 07:10	1
Bis(2-ethylhexyl) phthalate	<0.897	U	1.14	0.897	ug/L		11/19/24 05:14	12/14/24 07:10	1
Butyl benzyl phthalate	<0.499	U	1.14	0.499	ug/L		11/19/24 05:14	12/14/24 07:10	1

Client Sample ID: MW-23
Date Collected: 11/13/24 08:42
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	<0.0813	U *+	0.570	0.0813	ug/L		11/19/24 05:14	12/14/24 07:10	1
Dibenz(a,h)anthracene	<0.0507	U	0.114	0.0507	ug/L		11/19/24 05:14	12/14/24 07:10	1
Dibenzofuran	**1.52**	*+	0.570	0.106	ug/L		11/19/24 05:14	12/14/24 07:10	1
Diethyl phthalate	<0.154	U	1.14	0.154	ug/L		11/19/24 05:14	12/14/24 07:10	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/19/24 05:14	12/14/24 07:10	1
Di-n-butyl phthalate	<0.763	U	1.14	0.763	ug/L		11/19/24 05:14	12/14/24 07:10	1
Fluoranthene	**0.388**	J	0.570	0.0881	ug/L		11/19/24 05:14	12/14/24 07:10	1
Fluorene	**2.05**		0.570	0.0945	ug/L		11/19/24 05:14	12/14/24 07:10	1
Hexachlorobenzene	<0.0972	U	0.570	0.0972	ug/L		11/19/24 05:14	12/14/24 07:10	1
Hexachlorobutadiene	<0.102	U	0.570	0.102	ug/L		11/19/24 05:14	12/14/24 07:10	1
Hexachlorocyclopentadiene	<0.0511	U *+	0.570	0.0511	ug/L		11/19/24 05:14	12/14/24 07:10	1
Hexachloroethane	<0.102	U	0.570	0.102	ug/L		11/19/24 05:14	12/14/24 07:10	1
Indeno[1,2,3-cd]pyrene	<0.0997	U	0.570	0.0997	ug/L		11/19/24 05:14	12/14/24 07:10	1
Isophorone	<0.106	U	0.570	0.106	ug/L		11/19/24 05:14	12/14/24 07:10	1
Nitrobenzene	<0.0734	U	0.570	0.0734	ug/L		11/19/24 05:14	12/14/24 07:10	1
N-Nitrosodi-n-propylamine	<0.118	U	0.570	0.118	ug/L		11/19/24 05:14	12/14/24 07:10	1
N-Nitrosodiphenylamine	<0.144	U *+	0.570	0.144	ug/L		11/19/24 05:14	12/14/24 07:10	1
Pentachlorophenol	**1.25**		1.14	1.04	ug/L		11/19/24 05:14	12/14/24 07:10	1
Pyrene	**0.158**	J	0.570	0.0846	ug/L		11/19/24 05:14	12/14/24 07:10	1
Pyridine	**1.98**	J	2.85	1.43	ug/L		11/19/24 05:14	12/14/24 07:10	1
N-Nitro-o-toluidine	<0.519	U	1.14	0.519	ug/L		11/19/24 05:14	12/14/24 07:10	1
2,3,4,6-Tetrachlorophenol	**3.29**		0.570	0.210	ug/L		11/19/24 05:14	12/14/24 07:10	1
Acetophenone	**1.10**	J *+	1.14	0.622	ug/L		11/19/24 05:14	12/14/24 07:10	1
N-Nitrosopiperidine	<0.466	U	1.14	0.466	ug/L		11/19/24 05:14	12/14/24 07:10	1
Pentachlorobenzene	<0.265	U	0.570	0.265	ug/L		11/19/24 05:14	12/14/24 07:10	1
4-Aminobiphenyl	<0.393	U	0.570	0.393	ug/L		11/19/24 05:14	12/14/24 07:10	1
1,2,4,5-Tetrachlorobenzene	<0.0955	U	0.570	0.0955	ug/L		11/19/24 05:14	12/14/24 07:10	1
1,3,5-Trinitrobenzene	<0.118	U	0.570	0.118	ug/L		11/19/24 05:14	12/14/24 07:10	1
1,3-Dinitrobenzene	<0.0771	U	0.570	0.0771	ug/L		11/19/24 05:14	12/14/24 07:10	1
1,4-Naphthoquinone	<0.313	U	0.570	0.313	ug/L		11/19/24 05:14	12/14/24 07:10	1
1-Naphthylamine	<0.148	U	0.570	0.148	ug/L		11/19/24 05:14	12/14/24 07:10	1
2,6-Dichlorophenol	**0.280**	J	0.570	0.118	ug/L		11/19/24 05:14	12/14/24 07:10	1
2-Acetylaminofluorene	<1.26	U *+	2.85	1.26	ug/L		11/19/24 05:14	12/14/24 07:10	1
2-Chlorophenol	**0.803**	*+	0.570	0.0754	ug/L		11/19/24 05:14	12/14/24 07:10	1
2-Naphthylamine	<0.287	U	0.570	0.287	ug/L		11/19/24 05:14	12/14/24 07:10	1
2-Picoline	<0.122	U	0.570	0.122	ug/L		11/19/24 05:14	12/14/24 07:10	1
2-Toluidine	<0.305	U	0.570	0.305	ug/L		11/19/24 05:14	12/14/24 07:10	1
3,3'-Dichlorobenzidine	<0.183	U	0.570	0.183	ug/L		11/19/24 05:14	12/14/24 07:10	1
3,3'-Dimethylbenzidine	<0.141	U	0.570	0.141	ug/L		11/19/24 05:14	12/14/24 07:10	1
3-Methylcholanthrene	<0.104	U	0.570	0.104	ug/L		11/19/24 05:14	12/14/24 07:10	1
4-Nitroquinoline-1-oxide	<0.728	U	1.14	0.728	ug/L		11/19/24 05:14	12/14/24 07:10	1
7,12-Dimethylbenz(a)anthracene	<0.240	U *+	0.570	0.240	ug/L		11/19/24 05:14	12/14/24 07:10	1
alpha,alpha-Dimethyl phenethylamine	<3.66	U *-	5.70	3.66	ug/L		11/19/24 05:14	12/14/24 07:10	1
Aramite Peak 1	<0.0783	U *+	0.570	0.0783	ug/L		11/19/24 05:14	12/14/24 07:10	1
Aramite Peak 2	<0.0951	U *+	0.570	0.0951	ug/L		11/19/24 05:14	12/14/24 07:10	1
Aramite, Total	<0.0951	U	0.570	0.0951	ug/L		11/19/24 05:14	12/14/24 07:10	1
Diallate	<0.0832	U	0.570	0.0832	ug/L		11/19/24 05:14	12/14/24 07:10	1
Diallate Peak 1	<0.0832	U	0.570	0.0832	ug/L		11/19/24 05:14	12/14/24 07:10	1
Diallate Peak 2	<0.0384	U	0.570	0.0384	ug/L		11/19/24 05:14	12/14/24 07:10	1

Client Sample ID: MW-23
Date Collected: 11/13/24 08:42
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethoate	<0.121	U *+	0.570	0.121	ug/L		11/19/24 05:14	12/14/24 07:10	1
Dinoseb	<0.568	U *+	2.85	0.568	ug/L		11/19/24 05:14	12/14/24 07:10	1
Disulfoton	<0.202	U *+	0.570	0.202	ug/L		11/19/24 05:14	12/14/24 07:10	1
Ethyl methanesulfonate	<0.226	U	0.570	0.226	ug/L		11/19/24 05:14	12/14/24 07:10	1
Ethyl Parathion	<0.0501	U *+	0.228	0.0501	ug/L		11/19/24 05:14	12/14/24 07:10	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/19/24 05:14	12/14/24 07:10	1
Hexachloropropene	<0.299	U	0.570	0.299	ug/L		11/19/24 05:14	12/14/24 07:10	1
Isosafrole	<0.240	U	0.570	0.240	ug/L		11/19/24 05:14	12/14/24 07:10	1
Isosafrole Peak 1	<0.0462	U	0.570	0.0462	ug/L		11/19/24 05:14	12/14/24 07:10	1
Isosafrole Peak 2	<0.240	U	0.570	0.240	ug/L		11/19/24 05:14	12/14/24 07:10	1
Methapyrilene	<0.997	U *+	2.28	0.997	ug/L		11/19/24 05:14	12/14/24 07:10	1
Methyl methanesulfonate	<0.120	U	0.570	0.120	ug/L		11/19/24 05:14	12/14/24 07:10	1
Methyl parathion	<0.318	U *+	0.570	0.318	ug/L		11/19/24 05:14	12/14/24 07:10	1
N-Nitrosodiethylamine	<0.537	U	1.14	0.537	ug/L		11/19/24 05:14	12/14/24 07:10	1
N-Nitrosodimethylamine	<0.0997	U *-	0.570	0.0997	ug/L		11/19/24 05:14	12/14/24 07:10	1
N-Nitrosodi-n-butylamine	<0.514	U	1.14	0.514	ug/L		11/19/24 05:14	12/14/24 07:10	1
N-Nitrosomethylethylamine	<0.293	U	0.570	0.293	ug/L		11/19/24 05:14	12/14/24 07:10	1
N-Nitrosomorpholine	<0.220	U	0.570	0.220	ug/L		11/19/24 05:14	12/14/24 07:10	1
N-Nitrosopyrrolidine	<0.267	U	0.570	0.267	ug/L		11/19/24 05:14	12/14/24 07:10	1
o,o',o''-Triethylphosphorothioate	**9.31**	*+	0.570	0.138	ug/L		11/19/24 05:14	12/14/24 07:10	1
p-Dimethylamino azobenzene	<0.0237	U	0.570	0.0237	ug/L		11/19/24 05:14	12/14/24 07:10	1
Pentachloronitrobenzene	<0.0997	U	0.570	0.0997	ug/L		11/19/24 05:14	12/14/24 07:10	1
Phenacetin	<0.0997	U *+	0.570	0.0997	ug/L		11/19/24 05:14	12/14/24 07:10	1
Phorate	<0.221	U *+	0.570	0.221	ug/L		11/19/24 05:14	12/14/24 07:10	1
p-Phenylene diamine	<0.499	U *-	1.14	0.499	ug/L		11/19/24 05:14	12/14/24 07:10	1
Pronamide	<0.0997	U *+	0.570	0.0997	ug/L		11/19/24 05:14	12/14/24 07:10	1
Safrole, Total	<0.0569	U	0.570	0.0569	ug/L		11/19/24 05:14	12/14/24 07:10	1
Sulfotepp	**0.292**	J *+	0.570	0.146	ug/L		11/19/24 05:14	12/14/24 07:10	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/19/24 05:14	12/14/24 07:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*139*	*S1+*	*35 - 130*	*11/19/24 05:14*	*12/14/24 07:10*	*1*
2-Fluorobiphenyl	*76*		*43 - 130*	*11/19/24 05:14*	*12/14/24 07:10*	*1*
2-Fluorophenol (Surr)	*86*		*19 - 120*	*11/19/24 05:14*	*12/14/24 07:10*	*1*
Nitrobenzene-d5 (Surr)	*116*		*37 - 133*	*11/19/24 05:14*	*12/14/24 07:10*	*1*
Phenol-d5 (Surr)	*67*		*8 - 124*	*11/19/24 05:14*	*12/14/24 07:10*	*1*
p-Terphenyl-d14	*129*		*47 - 130*	*11/19/24 05:14*	*12/14/24 07:10*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**261**		57.0	8.87	ug/L		11/19/24 05:14	12/22/24 06:15	100
Di-n-octyl phthalate	<26.8	U	114	26.8	ug/L		11/19/24 05:14	12/22/24 06:15	100
Naphthalene	**33.1**	J	57.0	9.42	ug/L		11/19/24 05:14	12/22/24 06:15	100
Phenol	<114	U	114	114	ug/L		11/19/24 05:14	12/22/24 06:15	100
1,1'-Biphenyl	**425**		57.0	9.79	ug/L		11/19/24 05:14	12/22/24 06:15	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*375*	*I S1+*	*35 - 130*	*11/19/24 05:14*	*12/22/24 06:15*	*100*
2-Fluorobiphenyl	*88*	*I*	*43 - 130*	*11/19/24 05:14*	*12/22/24 06:15*	*100*
2-Fluorophenol (Surr)	*94*		*19 - 120*	*11/19/24 05:14*	*12/22/24 06:15*	*100*

Client Sample ID: MW-23

Date Collected: 11/13/24 08:42
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-2

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*109*		*37 - 133*	*11/19/24 05:14*	*12/22/24 06:15*	*100*
Phenol-d5 (Surr)	*91*		*8 - 124*	*11/19/24 05:14*	*12/22/24 06:15*	*100*
p-Terphenyl-d14	*115*		*47 - 130*	*11/19/24 05:14*	*12/22/24 06:15*	*100*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	**2300**		570	90.7	ug/L		11/19/24 05:14	12/25/24 12:17	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*278*	*I S1+*	*35 - 130*	*11/19/24 05:14*	*12/25/24 12:17*	*1000*
2-Fluorobiphenyl	*164*	*S1+*	*43 - 130*	*11/19/24 05:14*	*12/25/24 12:17*	*1000*
2-Fluorophenol (Surr)	*144*	*S1+*	*19 - 120*	*11/19/24 05:14*	*12/25/24 12:17*	*1000*
Nitrobenzene-d5 (Surr)	*137*	*I S1+*	*37 - 133*	*11/19/24 05:14*	*12/25/24 12:17*	*1000*
Phenol-d5 (Surr)	*244*	*I S1+*	*8 - 124*	*11/19/24 05:14*	*12/25/24 12:17*	*1000*
p-Terphenyl-d14	*195*	*S1+*	*47 - 130*	*11/19/24 05:14*	*12/25/24 12:17*	*1000*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.205**	**J**	0.570	0.0935	ug/L		11/19/24 05:14	12/27/24 02:40	1
Phenanthrene	**2.71**		0.570	0.134	ug/L		11/19/24 05:14	12/27/24 02:40	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<7.63	U H	56.9	7.63	ug/L		12/17/24 07:00	12/22/24 09:15	100
1,2-Dichlorobenzene	<9.37	U H	56.9	9.37	ug/L		12/17/24 07:00	12/22/24 09:15	100
1,3-Dichlorobenzene	<10.1	U H	56.9	10.1	ug/L		12/17/24 07:00	12/22/24 09:15	100
1,4-Dichlorobenzene	<7.76	U H	56.9	7.76	ug/L		12/17/24 07:00	12/22/24 09:15	100
2,2'-oxybis[1-chloropropane]	<142	U H	284	142	ug/L		12/17/24 07:00	12/22/24 09:15	100
2,4,5-Trichlorophenol	<14.3	U H	56.9	14.3	ug/L		12/17/24 07:00	12/22/24 09:15	100
2,4,6-Trichlorophenol	<23.0	U H	56.9	23.0	ug/L		12/17/24 07:00	12/22/24 09:15	100
2,4-Dichlorophenol	<13.9	U H	56.9	13.9	ug/L		12/17/24 07:00	12/22/24 09:15	100
2,4-Dimethylphenol	<19.1	U H *+	56.9	19.1	ug/L		12/17/24 07:00	12/22/24 09:15	100
1,4-Dioxane	**259**	**H *-**	56.9	8.86	ug/L		12/17/24 07:00	12/22/24 09:15	100
2,4-Dinitrophenol	<10.4	U H	284	10.4	ug/L		12/17/24 07:00	12/22/24 09:15	100
2,4-Dinitrotoluene	<20.4	U H	56.9	20.4	ug/L		12/17/24 07:00	12/22/24 09:15	100
2,6-Dinitrotoluene	<11.6	U H	56.9	11.6	ug/L		12/17/24 07:00	12/22/24 09:15	100
2-Chloronaphthalene	<37.7	U H	56.9	37.7	ug/L		12/17/24 07:00	12/22/24 09:15	100
2-Methylnaphthalene	<6.00	U H	56.9	6.00	ug/L		12/17/24 07:00	12/22/24 09:15	100
2-Methylphenol	<10.4	U H	56.9	10.4	ug/L		12/17/24 07:00	12/22/24 09:15	100
2-Nitroaniline	<14.8	U H	56.9	14.8	ug/L		12/17/24 07:00	12/22/24 09:15	100
2-Nitrophenol	<13.5	U H	56.9	13.5	ug/L		12/17/24 07:00	12/22/24 09:15	100
3 & 4 Methylphenol	<13.8	U H	56.9	13.8	ug/L		12/17/24 07:00	12/22/24 09:15	100
3-Nitroaniline	<8.49	U H	56.9	8.49	ug/L		12/17/24 07:00	12/22/24 09:15	100
4,6-Dinitro-2-methylphenol	<20.1	U H	114	20.1	ug/L		12/17/24 07:00	12/22/24 09:15	100
4-Bromophenyl phenyl ether	<9.99	U H	56.9	9.99	ug/L		12/17/24 07:00	12/22/24 09:15	100
4-Chloro-3-methylphenol	<10.3	U H	56.9	10.3	ug/L		12/17/24 07:00	12/22/24 09:15	100
4-Chloroaniline	<3.84	U H	56.9	3.84	ug/L		12/17/24 07:00	12/22/24 09:15	100
4-Chlorophenyl phenyl ether	<13.0	U H	56.9	13.0	ug/L		12/17/24 07:00	12/22/24 09:15	100
4-Nitroaniline	<10.8	U H	56.9	10.8	ug/L		12/17/24 07:00	12/22/24 09:15	100
Acenaphthene	<10.7	U H	56.9	10.7	ug/L		12/17/24 07:00	12/22/24 09:15	100

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87137-1

Client Sample ID: MW-23
Date Collected: 11/13/24 08:42
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	<9.92	U H	56.9	9.92	ug/L		12/17/24 07:00	12/22/24 09:15	100
Aniline	<5.77	U H	56.9	5.77	ug/L		12/17/24 07:00	12/22/24 09:15	100
Anthracene	<9.34	U H	56.9	9.34	ug/L		12/17/24 07:00	12/22/24 09:15	100
Benzo[a]anthracene	<2.84	U H	2.84	2.84	ug/L		12/17/24 07:00	12/22/24 09:15	100
Benzo[a]pyrene	<2.99	U H	5.69	2.99	ug/L		12/17/24 07:00	12/22/24 09:15	100
Benzo[b]fluoranthene	<6.61	U H	56.9	6.61	ug/L		12/17/24 07:00	12/22/24 09:15	100
Benzo[g,h,i]perylene	<3.44	U H	56.9	3.44	ug/L		12/17/24 07:00	12/22/24 09:15	100
Benzo[k]fluoranthene	<4.70	U H	56.9	4.70	ug/L		12/17/24 07:00	12/22/24 09:15	100
Benzyl alcohol	<59.7	U H *-	114	59.7	ug/L		12/17/24 07:00	12/22/24 09:15	100
Bis(2-chloroethoxy)methane	<9.70	U H	56.9	9.70	ug/L		12/17/24 07:00	12/22/24 09:15	100
Bis(2-chloroethyl)ether	<21.3	U H	56.9	21.3	ug/L		12/17/24 07:00	12/22/24 09:15	100
Bis(2-ethylhexyl) phthalate	<89.6	U H	114	89.6	ug/L		12/17/24 07:00	12/22/24 09:15	100
Butyl benzyl phthalate	<49.8	U H	114	49.8	ug/L		12/17/24 07:00	12/22/24 09:15	100
Chrysene	<8.12	U H	56.9	8.12	ug/L		12/17/24 07:00	12/22/24 09:15	100
Dibenz(a,h)anthracene	<5.07	U H	11.4	5.07	ug/L		12/17/24 07:00	12/22/24 09:15	100
Dibenzofuran	<10.6	U H	56.9	10.6	ug/L		12/17/24 07:00	12/22/24 09:15	100
Diethyl phthalate	<15.4	U H	114	15.4	ug/L		12/17/24 07:00	12/22/24 09:15	100
Dimethyl phthalate	<10.8	U H	114	10.8	ug/L		12/17/24 07:00	12/22/24 09:15	100
Di-n-butyl phthalate	<76.2	U H	114	76.2	ug/L		12/17/24 07:00	12/22/24 09:15	100
Di-n-octyl phthalate	<26.8	U H	114	26.8	ug/L		12/17/24 07:00	12/22/24 09:15	100
Fluoranthene	<8.79	U H	56.9	8.79	ug/L		12/17/24 07:00	12/22/24 09:15	100
Fluorene	<9.44	U H	56.9	9.44	ug/L		12/17/24 07:00	12/22/24 09:15	100
Hexachlorobenzene	<9.71	U H	56.9	9.71	ug/L		12/17/24 07:00	12/22/24 09:15	100
Hexachlorobutadiene	<10.2	U H	56.9	10.2	ug/L		12/17/24 07:00	12/22/24 09:15	100
Hexachlorocyclopentadiene	<5.10	U H *+	56.9	5.10	ug/L		12/17/24 07:00	12/22/24 09:15	100
Hexachloroethane	<10.1	U H	56.9	10.1	ug/L		12/17/24 07:00	12/22/24 09:15	100
Indeno[1,2,3-cd]pyrene	<9.96	U H	56.9	9.96	ug/L		12/17/24 07:00	12/22/24 09:15	100
Isophorone	<10.6	U H	56.9	10.6	ug/L		12/17/24 07:00	12/22/24 09:15	100
Naphthalene	**26.8**	**J H**	56.9	9.40	ug/L		12/17/24 07:00	12/22/24 09:15	100
Nitrobenzene	<7.33	U H	56.9	7.33	ug/L		12/17/24 07:00	12/22/24 09:15	100
N-Nitrosodi-n-propylamine	<11.8	U H	56.9	11.8	ug/L		12/17/24 07:00	12/22/24 09:15	100
N-Nitrosodiphenylamine	<14.4	U H	56.9	14.4	ug/L		12/17/24 07:00	12/22/24 09:15	100
Pentachlorophenol	<103	U H	114	103	ug/L		12/17/24 07:00	12/22/24 09:15	100
Phenanthrene	<13.3	U H	56.9	13.3	ug/L		12/17/24 07:00	12/22/24 09:15	100
Phenol	<114	U H	114	114	ug/L		12/17/24 07:00	12/22/24 09:15	100
Pyrene	<8.45	U H	56.9	8.45	ug/L		12/17/24 07:00	12/22/24 09:15	100
Pyridine	<143	U H	284	143	ug/L		12/17/24 07:00	12/22/24 09:15	100
N-Nitro-o-toluidine	<51.8	U H	114	51.8	ug/L		12/17/24 07:00	12/22/24 09:15	100
2,3,4,6-Tetrachlorophenol	<21.0	U H	56.9	21.0	ug/L		12/17/24 07:00	12/22/24 09:15	100
Acetophenone	<62.1	U H	114	62.1	ug/L		12/17/24 07:00	12/22/24 09:15	100
N-Nitrosopiperidine	<46.5	U H	114	46.5	ug/L		12/17/24 07:00	12/22/24 09:15	100
Pentachlorobenzene	<26.5	U H	56.9	26.5	ug/L		12/17/24 07:00	12/22/24 09:15	100
1,1'-Biphenyl	**332**	**H**	56.9	9.77	ug/L		12/17/24 07:00	12/22/24 09:15	100
4-Aminobiphenyl	<39.2	U H	56.9	39.2	ug/L		12/17/24 07:00	12/22/24 09:15	100
1,2,4,5-Tetrachlorobenzene	<9.53	U H	56.9	9.53	ug/L		12/17/24 07:00	12/22/24 09:15	100
1,3,5-Trinitrobenzene	<11.8	U H	56.9	11.8	ug/L		12/17/24 07:00	12/22/24 09:15	100
1,3-Dinitrobenzene	<7.70	U H	56.9	7.70	ug/L		12/17/24 07:00	12/22/24 09:15	100
1,4-Naphthoquinone	<31.3	U H	56.9	31.3	ug/L		12/17/24 07:00	12/22/24 09:15	100
1-Naphthylamine	<14.8	U H *-	56.9	14.8	ug/L		12/17/24 07:00	12/22/24 09:15	100

Client Sample ID: MW-23
Date Collected: 11/13/24 08:42
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dichlorophenol	<11.8	U H	56.9	11.8	ug/L		12/17/24 07:00	12/22/24 09:15	100
2-Acetylaminofluorene	<126	U H *+	284	126	ug/L		12/17/24 07:00	12/22/24 09:15	100
2-Chlorophenol	<7.53	U H	56.9	7.53	ug/L		12/17/24 07:00	12/22/24 09:15	100
2-Naphthylamine	<28.7	U H	56.9	28.7	ug/L		12/17/24 07:00	12/22/24 09:15	100
2-Picoline	<12.2	U H	56.9	12.2	ug/L		12/17/24 07:00	12/22/24 09:15	100
2-Toluidine	<30.5	U H	56.9	30.5	ug/L		12/17/24 07:00	12/22/24 09:15	100
3,3'-Dichlorobenzidine	<18.2	U H	56.9	18.2	ug/L		12/17/24 07:00	12/22/24 09:15	100
3,3'-Dimethylbenzidine	<14.1	U H	56.9	14.1	ug/L		12/17/24 07:00	12/22/24 09:15	100
3-Methylcholanthrene	<10.4	U H	56.9	10.4	ug/L		12/17/24 07:00	12/22/24 09:15	100
4-Nitroquinoline-1-oxide	<72.7	U H	114	72.7	ug/L		12/17/24 07:00	12/22/24 09:15	100
7,12-Dimethylbenz(a)anthracene	<24.0	U H	56.9	24.0	ug/L		12/17/24 07:00	12/22/24 09:15	100
alpha,alpha-Dimethyl phenethylamine	<365	U H *-	569	365	ug/L		12/17/24 07:00	12/22/24 09:15	100
Aramite Peak 1	<7.82	U H	56.9	7.82	ug/L		12/17/24 07:00	12/22/24 09:15	100
Aramite Peak 2	<9.50	U H	56.9	9.50	ug/L		12/17/24 07:00	12/22/24 09:15	100
Aramite, Total	<9.50	U H	56.9	9.50	ug/L		12/17/24 07:00	12/22/24 09:15	100
Diallate	<8.31	U H	56.9	8.31	ug/L		12/17/24 07:00	12/22/24 09:15	100
Diallate Peak 1	<8.31	U H	56.9	8.31	ug/L		12/17/24 07:00	12/22/24 09:15	100
Diallate Peak 2	<3.84	U H	56.9	3.84	ug/L		12/17/24 07:00	12/22/24 09:15	100
Dimethoate	<12.1	U H *+	56.9	12.1	ug/L		12/17/24 07:00	12/22/24 09:15	100
Dinoseb	<56.7	U H *+	284	56.7	ug/L		12/17/24 07:00	12/22/24 09:15	100
Disulfoton	<20.2	U H	56.9	20.2	ug/L		12/17/24 07:00	12/22/24 09:15	100
Ethyl methanesulfonate	<22.6	U H	56.9	22.6	ug/L		12/17/24 07:00	12/22/24 09:15	100
Ethyl Parathion	<5.00	U H *+	22.8	5.00	ug/L		12/17/24 07:00	12/22/24 09:15	100
Famphur	<15.0	U H	114	15.0	ug/L		12/17/24 07:00	12/22/24 09:15	100
Hexachloropropene	<29.8	U H	56.9	29.8	ug/L		12/17/24 07:00	12/22/24 09:15	100
Isosafrole	<24.0	U H	56.9	24.0	ug/L		12/17/24 07:00	12/22/24 09:15	100
Isosafrole Peak 1	<4.61	U H	56.9	4.61	ug/L		12/17/24 07:00	12/22/24 09:15	100
Isosafrole Peak 2	<24.0	U H	56.9	24.0	ug/L		12/17/24 07:00	12/22/24 09:15	100
Methapyrilene	<99.5	U H *+	228	99.5	ug/L		12/17/24 07:00	12/22/24 09:15	100
Methyl methanesulfonate	<11.9	U H	56.9	11.9	ug/L		12/17/24 07:00	12/22/24 09:15	100
Methyl parathion	<31.8	U H	56.9	31.8	ug/L		12/17/24 07:00	12/22/24 09:15	100
N-Nitrosodiethylamine	<53.6	U H	114	53.6	ug/L		12/17/24 07:00	12/22/24 09:15	100
N-Nitrosodimethylamine	<9.96	U H *-	56.9	9.96	ug/L		12/17/24 07:00	12/22/24 09:15	100
N-Nitrosodi-n-butylamine	<51.3	U H	114	51.3	ug/L		12/17/24 07:00	12/22/24 09:15	100
N-Nitrosomethylethylamine	<29.3	U H	56.9	29.3	ug/L		12/17/24 07:00	12/22/24 09:15	100
N-Nitrosomorpholine	<21.9	U H	56.9	21.9	ug/L		12/17/24 07:00	12/22/24 09:15	100
N-Nitrosopyrrolidine	<26.7	U H *-	56.9	26.7	ug/L		12/17/24 07:00	12/22/24 09:15	100
o,o',o''-Triethylphosphorothioate	<13.8	U H	56.9	13.8	ug/L		12/17/24 07:00	12/22/24 09:15	100
p-Dimethylamino azobenzene	<2.37	U H	56.9	2.37	ug/L		12/17/24 07:00	12/22/24 09:15	100
Pentachloronitrobenzene	<9.96	U H	56.9	9.96	ug/L		12/17/24 07:00	12/22/24 09:15	100
Phenacetin	<9.96	U H	56.9	9.96	ug/L		12/17/24 07:00	12/22/24 09:15	100
Phorate	<22.0	U H	56.9	22.0	ug/L		12/17/24 07:00	12/22/24 09:15	100
p-Phenylene diamine	<49.8	U H *- *1	114	49.8	ug/L		12/17/24 07:00	12/22/24 09:15	100
Pronamide	<9.96	U H	56.9	9.96	ug/L		12/17/24 07:00	12/22/24 09:15	100
Safrole, Total	<5.69	U H	56.9	5.69	ug/L		12/17/24 07:00	12/22/24 09:15	100
Sulfotepp	<14.6	U H *+	56.9	14.6	ug/L		12/17/24 07:00	12/22/24 09:15	100
Thionazin	<20.7	U H	114	20.7	ug/L		12/17/24 07:00	12/22/24 09:15	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*S1-*	*35 - 130*	*12/17/24 07:00*	*12/22/24 09:15*	*100*

Client Sample ID: MW-23

Date Collected: 11/13/24 08:42
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*73*		*43 - 130*	*12/17/24 07:00*	*12/22/24 09:15*	*100*
2-Fluorophenol (Surr)	*73*		*19 - 120*	*12/17/24 07:00*	*12/22/24 09:15*	*100*
Nitrobenzene-d5 (Surr)	*90*		*37 - 133*	*12/17/24 07:00*	*12/22/24 09:15*	*100*
Phenol-d5 (Surr)	*52*		*8 - 124*	*12/17/24 07:00*	*12/22/24 09:15*	*100*
p-Terphenyl-d14	*104*		*47 - 130*	*12/17/24 07:00*	*12/22/24 09:15*	*100*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	**2100**	**H**	569	90.6	ug/L		12/17/24 07:00	12/25/24 13:45	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*S1-*	*35 - 130*	*12/17/24 07:00*	*12/25/24 13:45*	*1000*
2-Fluorobiphenyl	*46*	*I*	*43 - 130*	*12/17/24 07:00*	*12/25/24 13:45*	*1000*
2-Fluorophenol (Surr)	*121*	*I S1+*	*19 - 120*	*12/17/24 07:00*	*12/25/24 13:45*	*1000*
Nitrobenzene-d5 (Surr)	*70*	*I*	*37 - 133*	*12/17/24 07:00*	*12/25/24 13:45*	*1000*
Phenol-d5 (Surr)	*134*	*I S1+*	*8 - 124*	*12/17/24 07:00*	*12/25/24 13:45*	*1000*
p-Terphenyl-d14	*93*		*47 - 130*	*12/17/24 07:00*	*12/25/24 13:45*	*1000*

Client Sample ID: MW-21

Date Collected: 11/13/24 09:40
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<32.2	U	50.0	32.2	ug/L			11/19/24 18:50	50
1,1,1-Trichloroethane	<29.3	U	250	29.3	ug/L			11/19/24 18:50	50
1,1,2,2-Tetrachloroethane	<23.5	U	50.0	23.5	ug/L			11/19/24 18:50	50
1,1,2-Trichloro-1,2,2-trifluoroethane	<55.5	U	500	55.5	ug/L			11/19/24 18:50	50
1,1,2-Trichloroethane	<20.6	U	50.0	20.6	ug/L			11/19/24 18:50	50
1,1-Dichloroethane	<31.8	U	50.0	31.8	ug/L			11/19/24 18:50	50
1,1-Dichloroethene	<36.9	U	50.0	36.9	ug/L			11/19/24 18:50	50
1,2,3-Trichloropropane	<23.5	U	50.0	23.5	ug/L			11/19/24 18:50	50
1,2,4-Trimethylbenzene	<20.9	U	50.0	20.9	ug/L			11/19/24 18:50	50
1,2-Dibromo-3-Chloropropane	<33.6	U	250	33.6	ug/L			11/19/24 18:50	50
1,2-Dibromoethane	<50.0	U	250	50.0	ug/L			11/19/24 18:50	50
1,2-Dichloroethane	<18.6	U	50.0	18.6	ug/L			11/19/24 18:50	50
1,2-Dichloropropane	<27.8	U	250	27.8	ug/L			11/19/24 18:50	50
1,3,5-Trimethylbenzene	<20.6	U	50.0	20.6	ug/L			11/19/24 18:50	50
1,3-Butadiene	<28.4	U	50.0	28.4	ug/L			11/19/24 18:50	50
2,2,4-Trimethylpentane	<25.0	U	250	25.0	ug/L			11/19/24 18:50	50
2-Butanone (MEK)	<414	U	2500	414	ug/L			11/19/24 18:50	50
2-Hexanone (MBK)	<250	U	2500	250	ug/L			11/19/24 18:50	50
2-Propanol	**669**		500	261	ug/L			11/19/24 18:50	50
3-Chloropropene (Allyl Chloride)	<29.9	U	250	29.9	ug/L			11/19/24 18:50	50
4-Methyl-2-pentanone	<250	U	2500	250	ug/L			11/19/24 18:50	50
Acetone	<153	U	5000	153	ug/L			11/19/24 18:50	50
Acetonitrile	<730	U	5000	730	ug/L			11/19/24 18:50	50
Acrolein	<556	U	2500	556	ug/L			11/19/24 18:50	50
Acrylonitrile	<716	U	2500	716	ug/L			11/19/24 18:50	50
alpha-Chlorotoluene	<113	U	250	113	ug/L			11/19/24 18:50	50

Client Sample ID: MW-21

Date Collected: 11/13/24 09:40
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**3950**		50.0	23.0	ug/L			11/19/24 18:50	50
Bromodichloromethane	<27.6	U	50.0	27.6	ug/L			11/19/24 18:50	50
Bromoform	<31.7	U	250	31.7	ug/L			11/19/24 18:50	50
Bromomethane	<71.0	U	250	71.0	ug/L			11/19/24 18:50	50
Carbon disulfide	<82.5	U	250	82.5	ug/L			11/19/24 18:50	50
Carbon tetrachloride	<44.8	U	250	44.8	ug/L			11/19/24 18:50	50
Chlorobenzene	**144**		50.0	22.8	ug/L			11/19/24 18:50	50
Chlorodibromomethane	<27.4	U	250	27.4	ug/L			11/19/24 18:50	50
Chloroethane	<99.2	U	500	99.2	ug/L			11/19/24 18:50	50
Chloroform	<23.2	U	50.0	23.2	ug/L			11/19/24 18:50	50
Chloromethane	<102	U	500	102	ug/L			11/19/24 18:50	50
Chloroprene	<29.9	U	250	29.9	ug/L			11/19/24 18:50	50
cis-1,2-Dichloroethene	<22.9	U	50.0	22.9	ug/L			11/19/24 18:50	50
cis-1,3-Dichloropropene	<53.4	U	250	53.4	ug/L			11/19/24 18:50	50
Cumene (isopropylbenzene)	**154**		50.0	29.6	ug/L			11/19/24 18:50	50
Cyclohexane	<64.3	U	250	64.3	ug/L			11/19/24 18:50	50
Dibromomethane	<17.9	U	50.0	17.9	ug/L			11/19/24 18:50	50
Dichlorodifluoromethane	<39.3	U	50.0	39.3	ug/L			11/19/24 18:50	50
Ethyl methacrylate	<55.9	U	250	55.9	ug/L			11/19/24 18:50	50
Ethylbenzene	<19.3	U	50.0	19.3	ug/L			11/19/24 18:50	50
Hexane	<25.9	U	250	25.9	ug/L			11/19/24 18:50	50
Iodomethane	<250	U *+	1000	250	ug/L			11/19/24 18:50	50
Isobutanol	<855	U	2500	855	ug/L			11/19/24 18:50	50
Methacrylonitrile	<136	U	500	136	ug/L			11/19/24 18:50	50
Methyl methacrylate	<113	U	500	113	ug/L			11/19/24 18:50	50
Methyl tert-butyl ether	<69.6	U	250	69.6	ug/L			11/19/24 18:50	50
Methylene Chloride	<86.3	U	250	86.3	ug/L			11/19/24 18:50	50
Propionitrile	<167	U	500	167	ug/L			11/19/24 18:50	50
Propylbenzene	<21.5	U	50.0	21.5	ug/L			11/19/24 18:50	50
Styrene	<31.0	U	50.0	31.0	ug/L			11/19/24 18:50	50
Tetrachloroethene	<32.8	U	50.0	32.8	ug/L			11/19/24 18:50	50
Tetrahydrofuran	**238**	**J**	500	91.7	ug/L			11/19/24 18:50	50
Toluene	**68.6**		50.0	23.8	ug/L			11/19/24 18:50	50
trans-1,2-Dichloroethene	<18.4	U	50.0	18.4	ug/L			11/19/24 18:50	50
trans-1,3-Dichloropropene	<63.4	U	250	63.4	ug/L			11/19/24 18:50	50
trans-1,4-Dichloro-2-butene	<67.5	U	500	67.5	ug/L			11/19/24 18:50	50
Trichloroethene	<75.0	U	250	75.0	ug/L			11/19/24 18:50	50
Trichlorofluoromethane	<28.0	U	50.0	28.0	ug/L			11/19/24 18:50	50
Vinyl acetate	<107	U	1000	107	ug/L			11/19/24 18:50	50
Vinyl chloride	<21.4	U	100	21.4	ug/L			11/19/24 18:50	50
Xylenes, Total	<62.0	U	500	62.0	ug/L			11/19/24 18:50	50
m,p-Xylenes	<0.0620	U	0.500	0.0620	mg/L			11/19/24 18:50	50
o-Xylene	<0.0251	U	0.0500	0.0251	mg/L			11/19/24 18:50	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*11/19/24 18:50*	*50*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*11/19/24 18:50*	*50*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*11/19/24 18:50*	*50*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/19/24 18:50*	*50*

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87137-1

Client Sample ID: MW-21

Date Collected: 11/13/24 09:40
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-3

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0764	U	0.570	0.0764	ug/L		11/19/24 05:14	12/14/24 07:40	1
1,2-Dichlorobenzene	**2.41**		0.570	0.0938	ug/L		11/19/24 05:14	12/14/24 07:40	1
1,3-Dichlorobenzene	**0.229**	**J**	0.570	0.101	ug/L		11/19/24 05:14	12/14/24 07:40	1
1,4-Dichlorobenzene	**3.14**		0.570	0.0777	ug/L		11/19/24 05:14	12/14/24 07:40	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.85	1.42	ug/L		11/19/24 05:14	12/14/24 07:40	1
2,4,5-Trichlorophenol	**0.397**	**J *+**	0.570	0.143	ug/L		11/19/24 05:14	12/14/24 07:40	1
2,4,6-Trichlorophenol	<0.230	U *+	0.570	0.230	ug/L		11/19/24 05:14	12/14/24 07:40	1
2,4-Dichlorophenol	<0.140	U	0.570	0.140	ug/L		11/19/24 05:14	12/14/24 07:40	1
2,4-Dimethylphenol	**17.9**	***+**	0.570	0.192	ug/L		11/19/24 05:14	12/14/24 07:40	1
2,4-Dinitrophenol	<0.104	U	2.85	0.104	ug/L		11/19/24 05:14	12/14/24 07:40	1
2,4-Dinitrotoluene	<0.204	U	0.570	0.204	ug/L		11/19/24 05:14	12/14/24 07:40	1
2,6-Dinitrotoluene	<0.116	U	0.570	0.116	ug/L		11/19/24 05:14	12/14/24 07:40	1
2-Chloronaphthalene	<0.377	U	0.570	0.377	ug/L		11/19/24 05:14	12/14/24 07:40	1
2-Methylnaphthalene	**0.890**		0.570	0.0601	ug/L		11/19/24 05:14	12/14/24 07:40	1
2-Methylphenol	<0.104	U	0.570	0.104	ug/L		11/19/24 05:14	12/14/24 07:40	1
2-Nitroaniline	<0.149	U *+	0.570	0.149	ug/L		11/19/24 05:14	12/14/24 07:40	1
2-Nitrophenol	<0.136	U	0.570	0.136	ug/L		11/19/24 05:14	12/14/24 07:40	1
3 & 4 Methylphenol	**10.7**		0.570	0.138	ug/L		11/19/24 05:14	12/14/24 07:40	1
3-Nitroaniline	<0.0850	U	0.570	0.0850	ug/L		11/19/24 05:14	12/14/24 07:40	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/19/24 05:14	12/14/24 07:40	1
4-Bromophenyl phenyl ether	<0.100	U *+	0.570	0.100	ug/L		11/19/24 05:14	12/14/24 07:40	1
4-Chloro-3-methylphenol	<0.103	U	0.570	0.103	ug/L		11/19/24 05:14	12/14/24 07:40	1
4-Chloroaniline	<0.0384	U	0.570	0.0384	ug/L		11/19/24 05:14	12/14/24 07:40	1
4-Chlorophenyl phenyl ether	<0.130	U	0.570	0.130	ug/L		11/19/24 05:14	12/14/24 07:40	1
4-Nitroaniline	<0.108	U	0.570	0.108	ug/L		11/19/24 05:14	12/14/24 07:40	1
Acenaphthene	<0.107	U	0.570	0.107	ug/L		11/19/24 05:14	12/14/24 07:40	1
Acenaphthylene	<0.0994	U	0.570	0.0994	ug/L		11/19/24 05:14	12/14/24 07:40	1
Aniline	<0.0578	U	0.570	0.0578	ug/L		11/19/24 05:14	12/14/24 07:40	1
Anthracene	<0.0935	U	0.570	0.0935	ug/L		11/19/24 05:14	12/14/24 07:40	1
Benzo[a]anthracene	<0.0285	U *+	0.0285	0.0285	ug/L		11/19/24 05:14	12/14/24 07:40	1
Benzo[a]pyrene	<0.0299	U	0.0570	0.0299	ug/L		11/19/24 05:14	12/14/24 07:40	1
Benzo[b]fluoranthene	<0.0662	U *+	0.570	0.0662	ug/L		11/19/24 05:14	12/14/24 07:40	1
Benzo[g,h,i]perylene	<0.0344	U	0.570	0.0344	ug/L		11/19/24 05:14	12/14/24 07:40	1
Benzo[k]fluoranthene	<0.0471	U	0.570	0.0471	ug/L		11/19/24 05:14	12/14/24 07:40	1
Benzyl alcohol	<0.598	U	1.14	0.598	ug/L		11/19/24 05:14	12/14/24 07:40	1
Bis(2-chloroethoxy)methane	<0.0972	U	0.570	0.0972	ug/L		11/19/24 05:14	12/14/24 07:40	1
Bis(2-chloroethyl)ether	<0.214	U *+	0.570	0.214	ug/L		11/19/24 05:14	12/14/24 07:40	1
Bis(2-ethylhexyl) phthalate	<0.897	U	1.14	0.897	ug/L		11/19/24 05:14	12/14/24 07:40	1
Butyl benzyl phthalate	<0.499	U	1.14	0.499	ug/L		11/19/24 05:14	12/14/24 07:40	1
Chrysene	<0.0813	U *+	0.570	0.0813	ug/L		11/19/24 05:14	12/14/24 07:40	1
Dibenz(a,h)anthracene	<0.0507	U	0.114	0.0507	ug/L		11/19/24 05:14	12/14/24 07:40	1
Dibenzofuran	**0.906**	***+**	0.570	0.106	ug/L		11/19/24 05:14	12/14/24 07:40	1
Diethyl phthalate	<0.154	U	1.14	0.154	ug/L		11/19/24 05:14	12/14/24 07:40	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/19/24 05:14	12/14/24 07:40	1
Di-n-butyl phthalate	<0.763	U	1.14	0.763	ug/L		11/19/24 05:14	12/14/24 07:40	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/19/24 05:14	12/14/24 07:40	1
Fluoranthene	<0.0881	U	0.570	0.0881	ug/L		11/19/24 05:14	12/14/24 07:40	1
Fluorene	**0.105**	**J**	0.570	0.0945	ug/L		11/19/24 05:14	12/14/24 07:40	1
Hexachlorobenzene	<0.0972	U	0.570	0.0972	ug/L		11/19/24 05:14	12/14/24 07:40	1

Client Sample ID: MW-21
Date Collected: 11/13/24 09:40
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.102	U	0.570	0.102	ug/L		11/19/24 05:14	12/14/24 07:40	1
Hexachlorocyclopentadiene	<0.0511	U *+	0.570	0.0511	ug/L		11/19/24 05:14	12/14/24 07:40	1
Hexachloroethane	<0.102	U	0.570	0.102	ug/L		11/19/24 05:14	12/14/24 07:40	1
Indeno[1,2,3-cd]pyrene	<0.0997	U	0.570	0.0997	ug/L		11/19/24 05:14	12/14/24 07:40	1
Isophorone	<0.106	U	0.570	0.106	ug/L		11/19/24 05:14	12/14/24 07:40	1
Nitrobenzene	<0.0734	U	0.570	0.0734	ug/L		11/19/24 05:14	12/14/24 07:40	1
N-Nitrosodi-n-propylamine	<0.118	U	0.570	0.118	ug/L		11/19/24 05:14	12/14/24 07:40	1
N-Nitrosodiphenylamine	<0.144	U *+	0.570	0.144	ug/L		11/19/24 05:14	12/14/24 07:40	1
Pentachlorophenol	**1.41**		1.14	1.04	ug/L		11/19/24 05:14	12/14/24 07:40	1
Phenanthrene	<0.134	U	0.570	0.134	ug/L		11/19/24 05:14	12/14/24 07:40	1
Pyrene	<0.0846	U	0.570	0.0846	ug/L		11/19/24 05:14	12/14/24 07:40	1
Pyridine	<1.43	U	2.85	1.43	ug/L		11/19/24 05:14	12/14/24 07:40	1
N-Nitro-o-toluidine	<0.519	U	1.14	0.519	ug/L		11/19/24 05:14	12/14/24 07:40	1
2,3,4,6-Tetrachlorophenol	**2.52**		0.570	0.210	ug/L		11/19/24 05:14	12/14/24 07:40	1
Acetophenone	**10.9**	*+	1.14	0.622	ug/L		11/19/24 05:14	12/14/24 07:40	1
N-Nitrosopiperidine	<0.466	U	1.14	0.466	ug/L		11/19/24 05:14	12/14/24 07:40	1
Pentachlorobenzene	<0.265	U	0.570	0.265	ug/L		11/19/24 05:14	12/14/24 07:40	1
4-Aminobiphenyl	<0.393	U	0.570	0.393	ug/L		11/19/24 05:14	12/14/24 07:40	1
1,2,4,5-Tetrachlorobenzene	<0.0955	U	0.570	0.0955	ug/L		11/19/24 05:14	12/14/24 07:40	1
1,3,5-Trinitrobenzene	<0.118	U	0.570	0.118	ug/L		11/19/24 05:14	12/14/24 07:40	1
1,3-Dinitrobenzene	<0.0771	U	0.570	0.0771	ug/L		11/19/24 05:14	12/14/24 07:40	1
1,4-Naphthoquinone	<0.313	U	0.570	0.313	ug/L		11/19/24 05:14	12/14/24 07:40	1
1-Naphthylamine	<0.148	U	0.570	0.148	ug/L		11/19/24 05:14	12/14/24 07:40	1
2,6-Dichlorophenol	**0.356**	**J**	0.570	0.118	ug/L		11/19/24 05:14	12/14/24 07:40	1
2-Acetylaminofluorene	<1.26	U *+	2.85	1.26	ug/L		11/19/24 05:14	12/14/24 07:40	1
2-Chlorophenol	<0.0754	U *+	0.570	0.0754	ug/L		11/19/24 05:14	12/14/24 07:40	1
2-Naphthylamine	<0.287	U	0.570	0.287	ug/L		11/19/24 05:14	12/14/24 07:40	1
2-Picoline	<0.122	U	0.570	0.122	ug/L		11/19/24 05:14	12/14/24 07:40	1
2-Toluidine	<0.305	U	0.570	0.305	ug/L		11/19/24 05:14	12/14/24 07:40	1
3,3'-Dichlorobenzidine	<0.183	U	0.570	0.183	ug/L		11/19/24 05:14	12/14/24 07:40	1
3,3'-Dimethylbenzidine	<0.141	U	0.570	0.141	ug/L		11/19/24 05:14	12/14/24 07:40	1
3-Methylcholanthrene	<0.104	U	0.570	0.104	ug/L		11/19/24 05:14	12/14/24 07:40	1
4-Nitroquinoline-1-oxide	<0.728	U	1.14	0.728	ug/L		11/19/24 05:14	12/14/24 07:40	1
7,12-Dimethylbenz(a)anthracene	<0.240	U *+	0.570	0.240	ug/L		11/19/24 05:14	12/14/24 07:40	1
alpha,alpha-Dimethyl phenethylamine	<3.66	U *-	5.70	3.66	ug/L		11/19/24 05:14	12/14/24 07:40	1
Aramite Peak 1	<0.0783	U *+	0.570	0.0783	ug/L		11/19/24 05:14	12/14/24 07:40	1
Aramite Peak 2	<0.0951	U *+	0.570	0.0951	ug/L		11/19/24 05:14	12/14/24 07:40	1
Aramite, Total	<0.0951	U	0.570	0.0951	ug/L		11/19/24 05:14	12/14/24 07:40	1
Diallate	<0.0832	U	0.570	0.0832	ug/L		11/19/24 05:14	12/14/24 07:40	1
Diallate Peak 1	<0.0832	U	0.570	0.0832	ug/L		11/19/24 05:14	12/14/24 07:40	1
Diallate Peak 2	<0.0384	U	0.570	0.0384	ug/L		11/19/24 05:14	12/14/24 07:40	1
Dimethoate	<0.121	U *+	0.570	0.121	ug/L		11/19/24 05:14	12/14/24 07:40	1
Dinoseb	<0.568	U *+	2.85	0.568	ug/L		11/19/24 05:14	12/14/24 07:40	1
Disulfoton	<0.202	U *+	0.570	0.202	ug/L		11/19/24 05:14	12/14/24 07:40	1
Ethyl methanesulfonate	<0.226	U	0.570	0.226	ug/L		11/19/24 05:14	12/14/24 07:40	1
Ethyl Parathion	<0.0501	U *+	0.228	0.0501	ug/L		11/19/24 05:14	12/14/24 07:40	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/19/24 05:14	12/14/24 07:40	1
Hexachloropropene	<0.299	U	0.570	0.299	ug/L		11/19/24 05:14	12/14/24 07:40	1
Isosafrole	<0.240	U	0.570	0.240	ug/L		11/19/24 05:14	12/14/24 07:40	1

Client Sample ID: MW-21
Date Collected: 11/13/24 09:40
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isosafrole Peak 1	<0.0462	U	0.570	0.0462	ug/L		11/19/24 05:14	12/14/24 07:40	1
Isosafrole Peak 2	<0.240	U	0.570	0.240	ug/L		11/19/24 05:14	12/14/24 07:40	1
Methapyrilene	<0.997	U *+	2.28	0.997	ug/L		11/19/24 05:14	12/14/24 07:40	1
Methyl methanesulfonate	<0.120	U	0.570	0.120	ug/L		11/19/24 05:14	12/14/24 07:40	1
Methyl parathion	<0.318	U *+	0.570	0.318	ug/L		11/19/24 05:14	12/14/24 07:40	1
N-Nitrosodiethylamine	<0.537	U	1.14	0.537	ug/L		11/19/24 05:14	12/14/24 07:40	1
N-Nitrosodimethylamine	<0.0997	U *-	0.570	0.0997	ug/L		11/19/24 05:14	12/14/24 07:40	1
N-Nitrosodi-n-butylamine	<0.514	U	1.14	0.514	ug/L		11/19/24 05:14	12/14/24 07:40	1
N-Nitrosomethylethylamine	<0.293	U	0.570	0.293	ug/L		11/19/24 05:14	12/14/24 07:40	1
N-Nitrosomorpholine	<0.220	U	0.570	0.220	ug/L		11/19/24 05:14	12/14/24 07:40	1
N-Nitrosopyrrolidine	<0.267	U	0.570	0.267	ug/L		11/19/24 05:14	12/14/24 07:40	1
o,o',o''-Triethylphosphorothioate	**6.32**	***+**	0.570	0.138	ug/L		11/19/24 05:14	12/14/24 07:40	1
p-Dimethylamino azobenzene	<0.0237	U	0.570	0.0237	ug/L		11/19/24 05:14	12/14/24 07:40	1
Pentachloronitrobenzene	<0.0997	U	0.570	0.0997	ug/L		11/19/24 05:14	12/14/24 07:40	1
Phenacetin	<0.0997	U *+	0.570	0.0997	ug/L		11/19/24 05:14	12/14/24 07:40	1
Phorate	<0.221	U *+	0.570	0.221	ug/L		11/19/24 05:14	12/14/24 07:40	1
p-Phenylene diamine	<0.499	U *-	1.14	0.499	ug/L		11/19/24 05:14	12/14/24 07:40	1
Pronamide	<0.0997	U *+	0.570	0.0997	ug/L		11/19/24 05:14	12/14/24 07:40	1
Safrole, Total	<0.0569	U	0.570	0.0569	ug/L		11/19/24 05:14	12/14/24 07:40	1
Sulfotepp	**6.34**	***+**	0.570	0.146	ug/L		11/19/24 05:14	12/14/24 07:40	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/19/24 05:14	12/14/24 07:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*168*	*S1+*	*35 - 130*	*11/19/24 05:14*	*12/14/24 07:40*	*1*
2-Fluorobiphenyl	*72*		*43 - 130*	*11/19/24 05:14*	*12/14/24 07:40*	*1*
2-Fluorophenol (Surr)	*86*		*19 - 120*	*11/19/24 05:14*	*12/14/24 07:40*	*1*
Nitrobenzene-d5 (Surr)	*139*	*S1+*	*37 - 133*	*11/19/24 05:14*	*12/14/24 07:40*	*1*
Phenol-d5 (Surr)	*67*		*8 - 124*	*11/19/24 05:14*	*12/14/24 07:40*	*1*
p-Terphenyl-d14	*139*	*S1+*	*47 - 130*	*11/19/24 05:14*	*12/14/24 07:40*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**226**		57.0	8.87	ug/L		11/19/24 05:14	12/22/24 06:45	100
Naphthalene	**28.6**	**J**	57.0	9.42	ug/L		11/19/24 05:14	12/22/24 06:45	100
Phenol	<114	U	114	114	ug/L		11/19/24 05:14	12/22/24 06:45	100
1,1'-Biphenyl	**432**		57.0	9.79	ug/L		11/19/24 05:14	12/22/24 06:45	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*290*	*S1+*	*35 - 130*	*11/19/24 05:14*	*12/22/24 06:45*	*100*
2-Fluorobiphenyl	*76*	*I*	*43 - 130*	*11/19/24 05:14*	*12/22/24 06:45*	*100*
2-Fluorophenol (Surr)	*81*	*I*	*19 - 120*	*11/19/24 05:14*	*12/22/24 06:45*	*100*
Nitrobenzene-d5 (Surr)	*73*		*37 - 133*	*11/19/24 05:14*	*12/22/24 06:45*	*100*
Phenol-d5 (Surr)	*81*		*8 - 124*	*11/19/24 05:14*	*12/22/24 06:45*	*100*
p-Terphenyl-d14	*96*	*I*	*47 - 130*	*11/19/24 05:14*	*12/22/24 06:45*	*100*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	**2250**		570	90.7	ug/L		11/19/24 05:14	12/25/24 12:46	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*S1-*	*35 - 130*	*11/19/24 05:14*	*12/25/24 12:46*	*1000*

Client Sample ID: MW-21

Date Collected: 11/13/24 09:40
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-3

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2 (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*122*	*I*	*43 - 130*	*11/19/24 05:14*	*12/25/24 12:46*	*1000*
2-Fluorophenol (Surr)	*107*	*I*	*19 - 120*	*11/19/24 05:14*	*12/25/24 12:46*	*1000*
Nitrobenzene-d5 (Surr)	*88*	*I*	*37 - 133*	*11/19/24 05:14*	*12/25/24 12:46*	*1000*
Phenol-d5 (Surr)	*63*		*8 - 124*	*11/19/24 05:14*	*12/25/24 12:46*	*1000*
p-Terphenyl-d14	*89*		*47 - 130*	*11/19/24 05:14*	*12/25/24 12:46*	*1000*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<7.64	U H	57.0	7.64	ug/L		12/17/24 07:00	12/22/24 09:45	100
1,2-Dichlorobenzene	<9.38	U H	57.0	9.38	ug/L		12/17/24 07:00	12/22/24 09:45	100
1,3-Dichlorobenzene	<10.1	U H	57.0	10.1	ug/L		12/17/24 07:00	12/22/24 09:45	100
1,4-Dichlorobenzene	<7.77	U H	57.0	7.77	ug/L		12/17/24 07:00	12/22/24 09:45	100
2,2'-oxybis[1-chloropropane]	<142	U H	285	142	ug/L		12/17/24 07:00	12/22/24 09:45	100
2,4,5-Trichlorophenol	<14.3	U H	57.0	14.3	ug/L		12/17/24 07:00	12/22/24 09:45	100
2,4,6-Trichlorophenol	<23.0	U H	57.0	23.0	ug/L		12/17/24 07:00	12/22/24 09:45	100
2,4-Dichlorophenol	<14.0	U H	57.0	14.0	ug/L		12/17/24 07:00	12/22/24 09:45	100
2,4-Dimethylphenol	<19.2	U H *+	57.0	19.2	ug/L		12/17/24 07:00	12/22/24 09:45	100
1,4-Dioxane	**267**	**H *-**	57.0	8.87	ug/L		12/17/24 07:00	12/22/24 09:45	100
2,4-Dinitrophenol	<10.4	U H	285	10.4	ug/L		12/17/24 07:00	12/22/24 09:45	100
2,4-Dinitrotoluene	<20.4	U H	57.0	20.4	ug/L		12/17/24 07:00	12/22/24 09:45	100
2,6-Dinitrotoluene	<11.6	U H	57.0	11.6	ug/L		12/17/24 07:00	12/22/24 09:45	100
2-Chloronaphthalene	<37.7	U H	57.0	37.7	ug/L		12/17/24 07:00	12/22/24 09:45	100
2-Methylnaphthalene	<6.01	U H	57.0	6.01	ug/L		12/17/24 07:00	12/22/24 09:45	100
2-Methylphenol	<10.4	U H	57.0	10.4	ug/L		12/17/24 07:00	12/22/24 09:45	100
2-Nitroaniline	<14.9	U H	57.0	14.9	ug/L		12/17/24 07:00	12/22/24 09:45	100
2-Nitrophenol	<13.6	U H	57.0	13.6	ug/L		12/17/24 07:00	12/22/24 09:45	100
3 & 4 Methylphenol	<13.8	U H	57.0	13.8	ug/L		12/17/24 07:00	12/22/24 09:45	100
3-Nitroaniline	<8.50	U H	57.0	8.50	ug/L		12/17/24 07:00	12/22/24 09:45	100
4,6-Dinitro-2-methylphenol	<20.1	U H	114	20.1	ug/L		12/17/24 07:00	12/22/24 09:45	100
4-Bromophenyl phenyl ether	<10.0	U H	57.0	10.0	ug/L		12/17/24 07:00	12/22/24 09:45	100
4-Chloro-3-methylphenol	<10.3	U H	57.0	10.3	ug/L		12/17/24 07:00	12/22/24 09:45	100
4-Chloroaniline	<3.84	U H	57.0	3.84	ug/L		12/17/24 07:00	12/22/24 09:45	100
4-Chlorophenyl phenyl ether	<13.0	U H	57.0	13.0	ug/L		12/17/24 07:00	12/22/24 09:45	100
4-Nitroaniline	<10.8	U H	57.0	10.8	ug/L		12/17/24 07:00	12/22/24 09:45	100
Acenaphthene	<10.7	U H	57.0	10.7	ug/L		12/17/24 07:00	12/22/24 09:45	100
Acenaphthylene	<9.94	U H	57.0	9.94	ug/L		12/17/24 07:00	12/22/24 09:45	100
Aniline	<5.78	U H	57.0	5.78	ug/L		12/17/24 07:00	12/22/24 09:45	100
Anthracene	<9.35	U H	57.0	9.35	ug/L		12/17/24 07:00	12/22/24 09:45	100
Benzo[a]anthracene	<2.85	U H	2.85	2.85	ug/L		12/17/24 07:00	12/22/24 09:45	100
Benzo[a]pyrene	<2.99	U H	5.70	2.99	ug/L		12/17/24 07:00	12/22/24 09:45	100
Benzo[b]fluoranthene	<6.62	U H	57.0	6.62	ug/L		12/17/24 07:00	12/22/24 09:45	100
Benzo[g,h,i]perylene	<3.44	U H	57.0	3.44	ug/L		12/17/24 07:00	12/22/24 09:45	100
Benzo[k]fluoranthene	<4.71	U H	57.0	4.71	ug/L		12/17/24 07:00	12/22/24 09:45	100
Benzyl alcohol	<59.8	U H *-	114	59.8	ug/L		12/17/24 07:00	12/22/24 09:45	100
Bis(2-chloroethoxy)methane	<9.72	U H	57.0	9.72	ug/L		12/17/24 07:00	12/22/24 09:45	100
Bis(2-chloroethyl)ether	<21.4	U H	57.0	21.4	ug/L		12/17/24 07:00	12/22/24 09:45	100
Bis(2-ethylhexyl) phthalate	<89.7	U H	114	89.7	ug/L		12/17/24 07:00	12/22/24 09:45	100
Butyl benzyl phthalate	<49.9	U H	114	49.9	ug/L		12/17/24 07:00	12/22/24 09:45	100
Chrysene	<8.13	U H	57.0	8.13	ug/L		12/17/24 07:00	12/22/24 09:45	100

Client Sample ID: MW-21
Date Collected: 11/13/24 09:40
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	<5.07	U H	11.4	5.07	ug/L		12/17/24 07:00	12/22/24 09:45	100
Dibenzofuran	<10.6	U H	57.0	10.6	ug/L		12/17/24 07:00	12/22/24 09:45	100
Diethyl phthalate	<15.4	U H	114	15.4	ug/L		12/17/24 07:00	12/22/24 09:45	100
Dimethyl phthalate	<10.8	U H	114	10.8	ug/L		12/17/24 07:00	12/22/24 09:45	100
Di-n-butyl phthalate	<76.3	U H	114	76.3	ug/L		12/17/24 07:00	12/22/24 09:45	100
Di-n-octyl phthalate	<26.8	U H	114	26.8	ug/L		12/17/24 07:00	12/22/24 09:45	100
Fluoranthene	<8.81	U H	57.0	8.81	ug/L		12/17/24 07:00	12/22/24 09:45	100
Fluorene	<9.45	U H	57.0	9.45	ug/L		12/17/24 07:00	12/22/24 09:45	100
Hexachlorobenzene	<9.72	U H	57.0	9.72	ug/L		12/17/24 07:00	12/22/24 09:45	100
Hexachlorobutadiene	<10.2	U H	57.0	10.2	ug/L		12/17/24 07:00	12/22/24 09:45	100
Hexachlorocyclopentadiene	<5.11	U H *+	57.0	5.11	ug/L		12/17/24 07:00	12/22/24 09:45	100
Hexachloroethane	<10.2	U H	57.0	10.2	ug/L		12/17/24 07:00	12/22/24 09:45	100
Indeno[1,2,3-cd]pyrene	<9.97	U H	57.0	9.97	ug/L		12/17/24 07:00	12/22/24 09:45	100
Isophorone	<10.6	U H	57.0	10.6	ug/L		12/17/24 07:00	12/22/24 09:45	100
Naphthalene	**23.7**	**J H**	57.0	9.42	ug/L		12/17/24 07:00	12/22/24 09:45	100
Nitrobenzene	<7.34	U H	57.0	7.34	ug/L		12/17/24 07:00	12/22/24 09:45	100
N-Nitrosodi-n-propylamine	<11.8	U H	57.0	11.8	ug/L		12/17/24 07:00	12/22/24 09:45	100
N-Nitrosodiphenylamine	<14.4	U H	57.0	14.4	ug/L		12/17/24 07:00	12/22/24 09:45	100
Pentachlorophenol	<104	U H	114	104	ug/L		12/17/24 07:00	12/22/24 09:45	100
Phenanthrene	<13.4	U H	57.0	13.4	ug/L		12/17/24 07:00	12/22/24 09:45	100
Phenol	<114	U H	114	114	ug/L		12/17/24 07:00	12/22/24 09:45	100
Pyrene	<8.46	U H	57.0	8.46	ug/L		12/17/24 07:00	12/22/24 09:45	100
Pyridine	<143	U H	285	143	ug/L		12/17/24 07:00	12/22/24 09:45	100
N-Nitro-o-toluidine	<51.9	U H	114	51.9	ug/L		12/17/24 07:00	12/22/24 09:45	100
2,3,4,6-Tetrachlorophenol	<21.0	U H	57.0	21.0	ug/L		12/17/24 07:00	12/22/24 09:45	100
Acetophenone	<62.2	U H	114	62.2	ug/L		12/17/24 07:00	12/22/24 09:45	100
N-Nitrosopiperidine	<46.6	U H	114	46.6	ug/L		12/17/24 07:00	12/22/24 09:45	100
Pentachlorobenzene	<26.5	U H	57.0	26.5	ug/L		12/17/24 07:00	12/22/24 09:45	100
1,1'-Biphenyl	**424**	**H**	57.0	9.79	ug/L		12/17/24 07:00	12/22/24 09:45	100
4-Aminobiphenyl	<39.3	U H	57.0	39.3	ug/L		12/17/24 07:00	12/22/24 09:45	100
1,2,4,5-Tetrachlorobenzene	<9.55	U H	57.0	9.55	ug/L		12/17/24 07:00	12/22/24 09:45	100
1,3,5-Trinitrobenzene	<11.8	U H	57.0	11.8	ug/L		12/17/24 07:00	12/22/24 09:45	100
1,3-Dinitrobenzene	<7.71	U H	57.0	7.71	ug/L		12/17/24 07:00	12/22/24 09:45	100
1,4-Naphthoquinone	<31.3	U H	57.0	31.3	ug/L		12/17/24 07:00	12/22/24 09:45	100
1-Naphthylamine	<14.8	U H *-	57.0	14.8	ug/L		12/17/24 07:00	12/22/24 09:45	100
2,6-Dichlorophenol	<11.8	U H	57.0	11.8	ug/L		12/17/24 07:00	12/22/24 09:45	100
2-Acetylaminofluorene	<126	U H *+	285	126	ug/L		12/17/24 07:00	12/22/24 09:45	100
2-Chlorophenol	<7.54	U H	57.0	7.54	ug/L		12/17/24 07:00	12/22/24 09:45	100
2-Naphthylamine	<28.7	U H	57.0	28.7	ug/L		12/17/24 07:00	12/22/24 09:45	100
2-Picoline	<12.2	U H	57.0	12.2	ug/L		12/17/24 07:00	12/22/24 09:45	100
2-Toluidine	<30.5	U H	57.0	30.5	ug/L		12/17/24 07:00	12/22/24 09:45	100
3,3'-Dichlorobenzidine	<18.3	U H	57.0	18.3	ug/L		12/17/24 07:00	12/22/24 09:45	100
3,3'-Dimethylbenzidine	<14.1	U H	57.0	14.1	ug/L		12/17/24 07:00	12/22/24 09:45	100
3-Methylcholanthrene	<10.4	U H	57.0	10.4	ug/L		12/17/24 07:00	12/22/24 09:45	100
4-Nitroquinoline-1-oxide	<72.8	U H	114	72.8	ug/L		12/17/24 07:00	12/22/24 09:45	100
7,12-Dimethylbenz(a)anthracene	<24.0	U H	57.0	24.0	ug/L		12/17/24 07:00	12/22/24 09:45	100
alpha,alpha-Dimethyl phenethylamine	<366	U H *-	570	366	ug/L		12/17/24 07:00	12/22/24 09:45	100
Aramite Peak 1	<7.83	U H	57.0	7.83	ug/L		12/17/24 07:00	12/22/24 09:45	100
Aramite Peak 2	<9.51	U H	57.0	9.51	ug/L		12/17/24 07:00	12/22/24 09:45	100

Client Sample ID: MW-21
Date Collected: 11/13/24 09:40
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aramite, Total	<9.51	U H	57.0	9.51	ug/L		12/17/24 07:00	12/22/24 09:45	100
Diallate	<8.32	U H	57.0	8.32	ug/L		12/17/24 07:00	12/22/24 09:45	100
Diallate Peak 1	<8.32	U H	57.0	8.32	ug/L		12/17/24 07:00	12/22/24 09:45	100
Diallate Peak 2	<3.84	U H	57.0	3.84	ug/L		12/17/24 07:00	12/22/24 09:45	100
Dimethoate	<12.1	U H *+	57.0	12.1	ug/L		12/17/24 07:00	12/22/24 09:45	100
Dinoseb	<56.8	U H *+	285	56.8	ug/L		12/17/24 07:00	12/22/24 09:45	100
Disulfoton	<20.2	U H	57.0	20.2	ug/L		12/17/24 07:00	12/22/24 09:45	100
Ethyl methanesulfonate	<22.6	U H	57.0	22.6	ug/L		12/17/24 07:00	12/22/24 09:45	100
Ethyl Parathion	<5.01	U H *+	22.8	5.01	ug/L		12/17/24 07:00	12/22/24 09:45	100
Famphur	<15.0	U H	114	15.0	ug/L		12/17/24 07:00	12/22/24 09:45	100
Hexachloropropene	<29.9	U H	57.0	29.9	ug/L		12/17/24 07:00	12/22/24 09:45	100
Isosafrole	<24.0	U H	57.0	24.0	ug/L		12/17/24 07:00	12/22/24 09:45	100
Isosafrole Peak 1	<4.62	U H	57.0	4.62	ug/L		12/17/24 07:00	12/22/24 09:45	100
Isosafrole Peak 2	<24.0	U H	57.0	24.0	ug/L		12/17/24 07:00	12/22/24 09:45	100
Methapyrilene	<99.7	U H *+	228	99.7	ug/L		12/17/24 07:00	12/22/24 09:45	100
Methyl methanesulfonate	<12.0	U H	57.0	12.0	ug/L		12/17/24 07:00	12/22/24 09:45	100
Methyl parathion	<31.8	U H	57.0	31.8	ug/L		12/17/24 07:00	12/22/24 09:45	100
N-Nitrosodiethylamine	<53.7	U H	114	53.7	ug/L		12/17/24 07:00	12/22/24 09:45	100
N-Nitrosodimethylamine	<9.97	U H *-	57.0	9.97	ug/L		12/17/24 07:00	12/22/24 09:45	100
N-Nitrosodi-n-butylamine	<51.4	U H	114	51.4	ug/L		12/17/24 07:00	12/22/24 09:45	100
N-Nitrosomethylethylamine	<29.3	U H	57.0	29.3	ug/L		12/17/24 07:00	12/22/24 09:45	100
N-Nitrosomorpholine	<22.0	U H	57.0	22.0	ug/L		12/17/24 07:00	12/22/24 09:45	100
N-Nitrosopyrrolidine	<26.7	U H *-	57.0	26.7	ug/L		12/17/24 07:00	12/22/24 09:45	100
o,o',o''-Triethylphosphorothioate	<13.8	U H	57.0	13.8	ug/L		12/17/24 07:00	12/22/24 09:45	100
p-Dimethylamino azobenzene	<2.37	U H	57.0	2.37	ug/L		12/17/24 07:00	12/22/24 09:45	100
Pentachloronitrobenzene	<9.97	U H	57.0	9.97	ug/L		12/17/24 07:00	12/22/24 09:45	100
Phenacetin	<9.97	U H	57.0	9.97	ug/L		12/17/24 07:00	12/22/24 09:45	100
Phorate	<22.1	U H	57.0	22.1	ug/L		12/17/24 07:00	12/22/24 09:45	100
p-Phenylene diamine	<49.9	U H *- *1	114	49.9	ug/L		12/17/24 07:00	12/22/24 09:45	100
Pronamide	<9.97	U H	57.0	9.97	ug/L		12/17/24 07:00	12/22/24 09:45	100
Safrole, Total	<5.69	U H	57.0	5.69	ug/L		12/17/24 07:00	12/22/24 09:45	100
Sulfotepp	<14.6	U H *+	57.0	14.6	ug/L		12/17/24 07:00	12/22/24 09:45	100
Thionazin	<20.8	U H	114	20.8	ug/L		12/17/24 07:00	12/22/24 09:45	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*238*	*I S1+*	*35 - 130*	*12/17/24 07:00*	*12/22/24 09:45*	*100*
2-Fluorobiphenyl	*72*		*43 - 130*	*12/17/24 07:00*	*12/22/24 09:45*	*100*
2-Fluorophenol (Surr)	*68*	*I*	*19 - 120*	*12/17/24 07:00*	*12/22/24 09:45*	*100*
Nitrobenzene-d5 (Surr)	*81*		*37 - 133*	*12/17/24 07:00*	*12/22/24 09:45*	*100*
Phenol-d5 (Surr)	*63*		*8 - 124*	*12/17/24 07:00*	*12/22/24 09:45*	*100*
p-Terphenyl-d14	*103*		*47 - 130*	*12/17/24 07:00*	*12/22/24 09:45*	*100*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diphenyl ether	**2530**	**H**	570	90.7	ug/L		12/17/24 07:00	12/25/24 14:14	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*S1-*	*35 - 130*	*12/17/24 07:00*	*12/25/24 14:14*	*1000*
2-Fluorobiphenyl	*138*	*I S1+*	*43 - 130*	*12/17/24 07:00*	*12/25/24 14:14*	*1000*
2-Fluorophenol (Surr)	*85*	*I*	*19 - 120*	*12/17/24 07:00*	*12/25/24 14:14*	*1000*

Client Sample ID: MW-21

Date Collected: 11/13/24 09:40
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*97*		*37 - 133*	*12/17/24 07:00*	*12/25/24 14:14*	*1000*
Phenol-d5 (Surr)	*134*	*S1+*	*8 - 124*	*12/17/24 07:00*	*12/25/24 14:14*	*1000*
p-Terphenyl-d14	*107*	*I*	*47 - 130*	*12/17/24 07:00*	*12/25/24 14:14*	*1000*

Client Sample ID: MW-17

Date Collected: 11/13/24 10:50
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<322	U	500	322	ug/L			11/19/24 19:11	500
1,1,1-Trichloroethane	<293	U	2500	293	ug/L			11/19/24 19:11	500
1,1,2,2-Tetrachloroethane	<235	U	500	235	ug/L			11/19/24 19:11	500
1,1,2-Trichloro-1,2,2-trifluoroethane	<555	U	5000	555	ug/L			11/19/24 19:11	500
1,1,2-Trichloroethane	<206	U	500	206	ug/L			11/19/24 19:11	500
1,1-Dichloroethane	<318	U	500	318	ug/L			11/19/24 19:11	500
1,1-Dichloroethene	<369	U	500	369	ug/L			11/19/24 19:11	500
1,2,3-Trichloropropane	<235	U	500	235	ug/L			11/19/24 19:11	500
1,2,4-Trimethylbenzene	<209	U	500	209	ug/L			11/19/24 19:11	500
1,2-Dibromo-3-Chloropropane	<336	U	2500	336	ug/L			11/19/24 19:11	500
1,2-Dibromoethane	<500	U	2500	500	ug/L			11/19/24 19:11	500
1,2-Dichloroethane	<186	U	500	186	ug/L			11/19/24 19:11	500
1,2-Dichloropropane	<278	U	2500	278	ug/L			11/19/24 19:11	500
1,3,5-Trimethylbenzene	<206	U	500	206	ug/L			11/19/24 19:11	500
1,3-Butadiene	<284	U	500	284	ug/L			11/19/24 19:11	500
2,2,4-Trimethylpentane	<250	U	2500	250	ug/L			11/19/24 19:11	500
2-Butanone (MEK)	<4140	U	25000	4140	ug/L			11/19/24 19:11	500
2-Hexanone (MBK)	<2500	U	25000	2500	ug/L			11/19/24 19:11	500
2-Propanol	<2610	U	5000	2610	ug/L			11/19/24 19:11	500
3-Chloropropene (Allyl Chloride)	<299	U	2500	299	ug/L			11/19/24 19:11	500
4-Methyl-2-pentanone	<2500	U	25000	2500	ug/L			11/19/24 19:11	500
Acetone	<1530	U	50000	1530	ug/L			11/19/24 19:11	500
Acetonitrile	<7300	U	50000	7300	ug/L			11/19/24 19:11	500
Acrolein	<5560	U	25000	5560	ug/L			11/19/24 19:11	500
Acrylonitrile	<7160	U	25000	7160	ug/L			11/19/24 19:11	500
alpha-Chlorotoluene	<1130	U	2500	1130	ug/L			11/19/24 19:11	500
Benzene	**377**	**J**	500	230	ug/L			11/19/24 19:11	500
Bromodichloromethane	<276	U	500	276	ug/L			11/19/24 19:11	500
Bromoform	<317	U	2500	317	ug/L			11/19/24 19:11	500
Bromomethane	<710	U	2500	710	ug/L			11/19/24 19:11	500
Carbon disulfide	<825	U	2500	825	ug/L			11/19/24 19:11	500
Carbon tetrachloride	**40800**		2500	448	ug/L			11/19/24 19:11	500
Chlorobenzene	**790**		500	228	ug/L			11/19/24 19:11	500
Chlorodibromomethane	<274	U	2500	274	ug/L			11/19/24 19:11	500
Chloroethane	<992	U	5000	992	ug/L			11/19/24 19:11	500
Chloroform	**2350**		500	232	ug/L			11/19/24 19:11	500
Chloromethane	<1020	U	5000	1020	ug/L			11/19/24 19:11	500
Chloroprene	<299	U	2500	299	ug/L			11/19/24 19:11	500
cis-1,2-Dichloroethene	<229	U	500	229	ug/L			11/19/24 19:11	500

Client Sample ID: MW-17

Date Collected: 11/13/24 10:50
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-4

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<534	U	2500	534	ug/L			11/19/24 19:11	500
Cumene (isopropylbenzene)	<296	U	500	296	ug/L			11/19/24 19:11	500
Cyclohexane	<643	U	2500	643	ug/L			11/19/24 19:11	500
Dibromomethane	<179	U	500	179	ug/L			11/19/24 19:11	500
Dichlorodifluoromethane	<393	U	500	393	ug/L			11/19/24 19:11	500
Ethyl methacrylate	<559	U	2500	559	ug/L			11/19/24 19:11	500
Ethylbenzene	<193	U	500	193	ug/L			11/19/24 19:11	500
Hexane	<259	U	2500	259	ug/L			11/19/24 19:11	500
Iodomethane	<2500	U *+	10000	2500	ug/L			11/19/24 19:11	500
Isobutanol	<8550	U	25000	8550	ug/L			11/19/24 19:11	500
Methacrylonitrile	<1360	U	5000	1360	ug/L			11/19/24 19:11	500
Methyl methacrylate	<1130	U	5000	1130	ug/L			11/19/24 19:11	500
Methyl tert-butyl ether	<696	U	2500	696	ug/L			11/19/24 19:11	500
Methylene Chloride	<863	U	2500	863	ug/L			11/19/24 19:11	500
Propionitrile	<1670	U	5000	1670	ug/L			11/19/24 19:11	500
Propylbenzene	<215	U	500	215	ug/L			11/19/24 19:11	500
Styrene	<310	U	500	310	ug/L			11/19/24 19:11	500
Tetrachloroethene	<328	U	500	328	ug/L			11/19/24 19:11	500
Tetrahydrofuran	<917	U	5000	917	ug/L			11/19/24 19:11	500
Toluene	<238	U	500	238	ug/L			11/19/24 19:11	500
trans-1,2-Dichloroethene	<184	U	500	184	ug/L			11/19/24 19:11	500
trans-1,3-Dichloropropene	<634	U	2500	634	ug/L			11/19/24 19:11	500
trans-1,4-Dichloro-2-butene	<675	U	5000	675	ug/L			11/19/24 19:11	500
Trichloroethene	<750	U	2500	750	ug/L			11/19/24 19:11	500
Trichlorofluoromethane	<280	U	500	280	ug/L			11/19/24 19:11	500
Vinyl acetate	<1070	U	10000	1070	ug/L			11/19/24 19:11	500
Vinyl chloride	<214	U	1000	214	ug/L			11/19/24 19:11	500
Xylenes, Total	<620	U	5000	620	ug/L			11/19/24 19:11	500
m,p-Xylenes	<0.620	U	5.00	0.620	mg/L			11/19/24 19:11	500
o-Xylene	<0.251	U	0.500	0.251	mg/L			11/19/24 19:11	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*11/19/24 19:11*	*500*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*11/19/24 19:11*	*500*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/19/24 19:11*	*500*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/19/24 19:11*	*500*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	**1.07**		0.576	0.0772	ug/L		11/19/24 05:14	12/14/24 08:10	1
1,2-Dichlorobenzene	**13.7**		0.576	0.0948	ug/L		11/19/24 05:14	12/14/24 08:10	1
1,3-Dichlorobenzene	**2.20**		0.576	0.102	ug/L		11/19/24 05:14	12/14/24 08:10	1
1,4-Dichlorobenzene	**21.9**		0.576	0.0785	ug/L		11/19/24 05:14	12/14/24 08:10	1
2,2'-oxybis[1-chloropropane]	<1.44	U	2.88	1.44	ug/L		11/19/24 05:14	12/14/24 08:10	1
2,4,5-Trichlorophenol	**0.147**	**J *+**	0.576	0.144	ug/L		11/19/24 05:14	12/14/24 08:10	1
2,4,6-Trichlorophenol	<0.232	U *+	0.576	0.232	ug/L		11/19/24 05:14	12/14/24 08:10	1
2,4-Dichlorophenol	<0.141	U	0.576	0.141	ug/L		11/19/24 05:14	12/14/24 08:10	1
2,4-Dimethylphenol	<0.194	U *+	0.576	0.194	ug/L		11/19/24 05:14	12/14/24 08:10	1
2,4-Dinitrophenol	<0.105	U	2.88	0.105	ug/L		11/19/24 05:14	12/14/24 08:10	1
2,4-Dinitrotoluene	<0.206	U	0.576	0.206	ug/L		11/19/24 05:14	12/14/24 08:10	1

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87137-1

Client Sample ID: MW-17
Date Collected: 11/13/24 10:50
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	<0.117	U	0.576	0.117	ug/L		11/19/24 05:14	12/14/24 08:10	1
2-Chloronaphthalene	<0.381	U	0.576	0.381	ug/L		11/19/24 05:14	12/14/24 08:10	1
2-Methylnaphthalene	**0.456**	**J I**	0.576	0.0607	ug/L		11/19/24 05:14	12/14/24 08:10	1
2-Methylphenol	<0.106	U	0.576	0.106	ug/L		11/19/24 05:14	12/14/24 08:10	1
2-Nitroaniline	<0.150	U *+	0.576	0.150	ug/L		11/19/24 05:14	12/14/24 08:10	1
2-Nitrophenol	<0.137	U	0.576	0.137	ug/L		11/19/24 05:14	12/14/24 08:10	1
3 & 4 Methylphenol	**7.96**		0.576	0.140	ug/L		11/19/24 05:14	12/14/24 08:10	1
3-Nitroaniline	<0.0859	U	0.576	0.0859	ug/L		11/19/24 05:14	12/14/24 08:10	1
4,6-Dinitro-2-methylphenol	<0.203	U	1.15	0.203	ug/L		11/19/24 05:14	12/14/24 08:10	1
4-Bromophenyl phenyl ether	<0.101	U *+	0.576	0.101	ug/L		11/19/24 05:14	12/14/24 08:10	1
4-Chloro-3-methylphenol	<0.104	U	0.576	0.104	ug/L		11/19/24 05:14	12/14/24 08:10	1
4-Chloroaniline	<0.0388	U	0.576	0.0388	ug/L		11/19/24 05:14	12/14/24 08:10	1
4-Chlorophenyl phenyl ether	<0.131	U	0.576	0.131	ug/L		11/19/24 05:14	12/14/24 08:10	1
4-Nitroaniline	<0.109	U	0.576	0.109	ug/L		11/19/24 05:14	12/14/24 08:10	1
Acenaphthene	**0.738**		0.576	0.108	ug/L		11/19/24 05:14	12/14/24 08:10	1
Acenaphthylene	<0.100	U	0.576	0.100	ug/L		11/19/24 05:14	12/14/24 08:10	1
Aniline	<0.0584	U	0.576	0.0584	ug/L		11/19/24 05:14	12/14/24 08:10	1
Anthracene	<0.0945	U	0.576	0.0945	ug/L		11/19/24 05:14	12/14/24 08:10	1
Benzo[a]anthracene	<0.0288	U *+	0.0288	0.0288	ug/L		11/19/24 05:14	12/14/24 08:10	1
Benzo[a]pyrene	<0.0302	U	0.0576	0.0302	ug/L		11/19/24 05:14	12/14/24 08:10	1
Benzo[b]fluoranthene	<0.0669	U *+	0.576	0.0669	ug/L		11/19/24 05:14	12/14/24 08:10	1
Benzo[g,h,i]perylene	<0.0348	U	0.576	0.0348	ug/L		11/19/24 05:14	12/14/24 08:10	1
Benzo[k]fluoranthene	<0.0476	U	0.576	0.0476	ug/L		11/19/24 05:14	12/14/24 08:10	1
Benzyl alcohol	<0.604	U	1.15	0.604	ug/L		11/19/24 05:14	12/14/24 08:10	1
Bis(2-chloroethoxy)methane	<0.0981	U	0.576	0.0981	ug/L		11/19/24 05:14	12/14/24 08:10	1
Bis(2-chloroethyl)ether	<0.216	U *+	0.576	0.216	ug/L		11/19/24 05:14	12/14/24 08:10	1
Bis(2-ethylhexyl) phthalate	<0.906	U	1.15	0.906	ug/L		11/19/24 05:14	12/14/24 08:10	1
Butyl benzyl phthalate	<0.504	U	1.15	0.504	ug/L		11/19/24 05:14	12/14/24 08:10	1
Chrysene	<0.0821	U *+	0.576	0.0821	ug/L		11/19/24 05:14	12/14/24 08:10	1
Dibenz(a,h)anthracene	<0.0513	U	0.115	0.0513	ug/L		11/19/24 05:14	12/14/24 08:10	1
Dibenzofuran	**0.236**	**J *+**	0.576	0.107	ug/L		11/19/24 05:14	12/14/24 08:10	1
Diethyl phthalate	**0.470**	**J**	1.15	0.156	ug/L		11/19/24 05:14	12/14/24 08:10	1
Dimethyl phthalate	<0.109	U	1.15	0.109	ug/L		11/19/24 05:14	12/14/24 08:10	1
Di-n-butyl phthalate	<0.771	U	1.15	0.771	ug/L		11/19/24 05:14	12/14/24 08:10	1
Di-n-octyl phthalate	<0.271	U	1.15	0.271	ug/L		11/19/24 05:14	12/14/24 08:10	1
Fluoranthene	<0.0889	U	0.576	0.0889	ug/L		11/19/24 05:14	12/14/24 08:10	1
Fluorene	**0.109**	**J I**	0.576	0.0955	ug/L		11/19/24 05:14	12/14/24 08:10	1
Hexachlorobenzene	<0.0982	U	0.576	0.0982	ug/L		11/19/24 05:14	12/14/24 08:10	1
Hexachlorobutadiene	**0.292**	**J**	0.576	0.103	ug/L		11/19/24 05:14	12/14/24 08:10	1
Hexachlorocyclopentadiene	<0.0516	U *+	0.576	0.0516	ug/L		11/19/24 05:14	12/14/24 08:10	1
Hexachloroethane	**19.6**		0.576	0.103	ug/L		11/19/24 05:14	12/14/24 08:10	1
Indeno[1,2,3-cd]pyrene	<0.101	U	0.576	0.101	ug/L		11/19/24 05:14	12/14/24 08:10	1
Isophorone	<0.107	U	0.576	0.107	ug/L		11/19/24 05:14	12/14/24 08:10	1
Naphthalene	**4.12**		0.576	0.0951	ug/L		11/19/24 05:14	12/14/24 08:10	1
Nitrobenzene	<0.0742	U	0.576	0.0742	ug/L		11/19/24 05:14	12/14/24 08:10	1
N-Nitrosodi-n-propylamine	<0.119	U	0.576	0.119	ug/L		11/19/24 05:14	12/14/24 08:10	1
N-Nitrosodiphenylamine	<0.146	U *+	0.576	0.146	ug/L		11/19/24 05:14	12/14/24 08:10	1
Pentachlorophenol	<1.05	U	1.15	1.05	ug/L		11/19/24 05:14	12/14/24 08:10	1
Phenanthrene	<0.135	U	0.576	0.135	ug/L		11/19/24 05:14	12/14/24 08:10	1

Client Sample ID: MW-17
Lab Sample ID: 860-87137-4
Date Collected: 11/13/24 10:50
Matrix: Water
Date Received: 11/15/24 09:56

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<1.15	U	1.15	1.15	ug/L		11/19/24 05:14	12/14/24 08:10	1
Pyrene	<0.0855	U	0.576	0.0855	ug/L		11/19/24 05:14	12/14/24 08:10	1
Pyridine	<1.45	U	2.88	1.45	ug/L		11/19/24 05:14	12/14/24 08:10	1
N-Nitro-o-toluidine	<0.524	U	1.15	0.524	ug/L		11/19/24 05:14	12/14/24 08:10	1
2,3,4,6-Tetrachlorophenol	<0.212	U	0.576	0.212	ug/L		11/19/24 05:14	12/14/24 08:10	1
Acetophenone	<0.628	U *+	1.15	0.628	ug/L		11/19/24 05:14	12/14/24 08:10	1
N-Nitrosopiperidine	<0.471	U	1.15	0.471	ug/L		11/19/24 05:14	12/14/24 08:10	1
Pentachlorobenzene	<0.268	U	0.576	0.268	ug/L		11/19/24 05:14	12/14/24 08:10	1
Diphenyl ether	**1.95**		0.576	0.0916	ug/L		11/19/24 05:14	12/14/24 08:10	1
1,1'-Biphenyl	**0.422**	**J**	0.576	0.0988	ug/L		11/19/24 05:14	12/14/24 08:10	1
4-Aminobiphenyl	<0.397	U	0.576	0.397	ug/L		11/19/24 05:14	12/14/24 08:10	1
1,2,4,5-Tetrachlorobenzene	<0.0964	U	0.576	0.0964	ug/L		11/19/24 05:14	12/14/24 08:10	1
1,3,5-Trinitrobenzene	<0.120	U	0.576	0.120	ug/L		11/19/24 05:14	12/14/24 08:10	1
1,3-Dinitrobenzene	<0.0778	U	0.576	0.0778	ug/L		11/19/24 05:14	12/14/24 08:10	1
1,4-Naphthoquinone	<0.317	U	0.576	0.317	ug/L		11/19/24 05:14	12/14/24 08:10	1
1-Naphthylamine	<0.150	U	0.576	0.150	ug/L		11/19/24 05:14	12/14/24 08:10	1
2,6-Dichlorophenol	<0.119	U	0.576	0.119	ug/L		11/19/24 05:14	12/14/24 08:10	1
2-Acetylaminofluorene	<1.27	U *+	2.88	1.27	ug/L		11/19/24 05:14	12/14/24 08:10	1
2-Chlorophenol	**1.33**	***+**	0.576	0.0762	ug/L		11/19/24 05:14	12/14/24 08:10	1
2-Naphthylamine	<0.290	U	0.576	0.290	ug/L		11/19/24 05:14	12/14/24 08:10	1
2-Picoline	<0.124	U	0.576	0.124	ug/L		11/19/24 05:14	12/14/24 08:10	1
2-Toluidine	<0.308	U	0.576	0.308	ug/L		11/19/24 05:14	12/14/24 08:10	1
3,3'-Dichlorobenzidine	<0.184	U	0.576	0.184	ug/L		11/19/24 05:14	12/14/24 08:10	1
3,3'-Dimethylbenzidine	<0.143	U	0.576	0.143	ug/L		11/19/24 05:14	12/14/24 08:10	1
3-Methylcholanthrene	<0.105	U	0.576	0.105	ug/L		11/19/24 05:14	12/14/24 08:10	1
4-Nitroquinoline-1-oxide	<0.735	U	1.15	0.735	ug/L		11/19/24 05:14	12/14/24 08:10	1
7,12-Dimethylbenz(a)anthracene	<0.243	U *+	0.576	0.243	ug/L		11/19/24 05:14	12/14/24 08:10	1
alpha,alpha-Dimethyl phenethylamine	<3.70	U *-	5.76	3.70	ug/L		11/19/24 05:14	12/14/24 08:10	1
Aramite Peak 1	<0.0791	U *+	0.576	0.0791	ug/L		11/19/24 05:14	12/14/24 08:10	1
Aramite Peak 2	<0.0960	U *+	0.576	0.0960	ug/L		11/19/24 05:14	12/14/24 08:10	1
Aramite, Total	<0.0960	U	0.576	0.0960	ug/L		11/19/24 05:14	12/14/24 08:10	1
Diallate	<0.0841	U	0.576	0.0841	ug/L		11/19/24 05:14	12/14/24 08:10	1
Diallate Peak 1	<0.0841	U	0.576	0.0841	ug/L		11/19/24 05:14	12/14/24 08:10	1
Diallate Peak 2	<0.0388	U	0.576	0.0388	ug/L		11/19/24 05:14	12/14/24 08:10	1
Dimethoate	<0.122	U *+	0.576	0.122	ug/L		11/19/24 05:14	12/14/24 08:10	1
Dinoseb	<0.574	U *+	2.88	0.574	ug/L		11/19/24 05:14	12/14/24 08:10	1
Disulfoton	**3.51**	***+**	0.576	0.204	ug/L		11/19/24 05:14	12/14/24 08:10	1
Ethyl methanesulfonate	<0.228	U	0.576	0.228	ug/L		11/19/24 05:14	12/14/24 08:10	1
Ethyl Parathion	<0.0506	U *+	0.230	0.0506	ug/L		11/19/24 05:14	12/14/24 08:10	1
Famphur	<0.152	U *+	1.15	0.152	ug/L		11/19/24 05:14	12/14/24 08:10	1
Hexachloropropene	<0.302	U	0.576	0.302	ug/L		11/19/24 05:14	12/14/24 08:10	1
Isosafrole	<0.243	U	0.576	0.243	ug/L		11/19/24 05:14	12/14/24 08:10	1
Isosafrole Peak 1	<0.0467	U	0.576	0.0467	ug/L		11/19/24 05:14	12/14/24 08:10	1
Isosafrole Peak 2	<0.243	U	0.576	0.243	ug/L		11/19/24 05:14	12/14/24 08:10	1
Methapyrilene	<1.01	U *+	2.30	1.01	ug/L		11/19/24 05:14	12/14/24 08:10	1
Methyl methanesulfonate	<0.121	U	0.576	0.121	ug/L		11/19/24 05:14	12/14/24 08:10	1
Methyl parathion	<0.322	U *+	0.576	0.322	ug/L		11/19/24 05:14	12/14/24 08:10	1
N-Nitrosodiethylamine	<0.542	U	1.15	0.542	ug/L		11/19/24 05:14	12/14/24 08:10	1
N-Nitrosodimethylamine	<0.101	U *-	0.576	0.101	ug/L		11/19/24 05:14	12/14/24 08:10	1

Client Sample ID: MW-17
Date Collected: 11/13/24 10:50
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-butylamine	<0.519	U	1.15	0.519	ug/L		11/19/24 05:14	12/14/24 08:10	1
N-Nitrosomethylethylamine	<0.296	U	0.576	0.296	ug/L		11/19/24 05:14	12/14/24 08:10	1
N-Nitrosomorpholine	<0.222	U	0.576	0.222	ug/L		11/19/24 05:14	12/14/24 08:10	1
N-Nitrosopyrrolidine	<0.270	U	0.576	0.270	ug/L		11/19/24 05:14	12/14/24 08:10	1
p-Dimethylamino azobenzene	<0.0240	U	0.576	0.0240	ug/L		11/19/24 05:14	12/14/24 08:10	1
Pentachloronitrobenzene	<0.101	U	0.576	0.101	ug/L		11/19/24 05:14	12/14/24 08:10	1
Phenacetin	<0.101	U *+	0.576	0.101	ug/L		11/19/24 05:14	12/14/24 08:10	1
Phorate	<0.223	U *+	0.576	0.223	ug/L		11/19/24 05:14	12/14/24 08:10	1
p-Phenylene diamine	<0.504	U *-	1.15	0.504	ug/L		11/19/24 05:14	12/14/24 08:10	1
Pronamide	<0.101	U *+	0.576	0.101	ug/L		11/19/24 05:14	12/14/24 08:10	1
Safrole, Total	<0.0575	U	0.576	0.0575	ug/L		11/19/24 05:14	12/14/24 08:10	1
Sulfotepp	**0.531**	**J *+**	0.576	0.148	ug/L		11/19/24 05:14	12/14/24 08:10	1
Thionazin	<0.210	U *+	1.15	0.210	ug/L		11/19/24 05:14	12/14/24 08:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*162*	*S1+*	*35 - 130*	*11/19/24 05:14*	*12/14/24 08:10*	*1*
2-Fluorobiphenyl	*92*		*43 - 130*	*11/19/24 05:14*	*12/14/24 08:10*	*1*
2-Fluorophenol (Surr)	*96*		*19 - 120*	*11/19/24 05:14*	*12/14/24 08:10*	*1*
Nitrobenzene-d5 (Surr)	*124*		*37 - 133*	*11/19/24 05:14*	*12/14/24 08:10*	*1*
Phenol-d5 (Surr)	*64*		*8 - 124*	*11/19/24 05:14*	*12/14/24 08:10*	*1*
p-Terphenyl-d14	*171*	*S1+*	*47 - 130*	*11/19/24 05:14*	*12/14/24 08:10*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**57.6**		11.5	1.79	ug/L		11/19/24 05:14	12/22/24 07:15	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*119*		*35 - 130*	*11/19/24 05:14*	*12/22/24 07:15*	*20*
2-Fluorobiphenyl	*70*		*43 - 130*	*11/19/24 05:14*	*12/22/24 07:15*	*20*
2-Fluorophenol (Surr)	*69*		*19 - 120*	*11/19/24 05:14*	*12/22/24 07:15*	*20*
Nitrobenzene-d5 (Surr)	*68*		*37 - 133*	*11/19/24 05:14*	*12/22/24 07:15*	*20*
Phenol-d5 (Surr)	*50*		*8 - 124*	*11/19/24 05:14*	*12/22/24 07:15*	*20*
p-Terphenyl-d14	*87*		*47 - 130*	*11/19/24 05:14*	*12/22/24 07:15*	*20*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o,o',o''-Triethylphosphorothioate	**1600**	***+**	115	27.9	ug/L		11/19/24 05:14	12/25/24 13:16	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*S1-*	*35 - 130*	*11/19/24 05:14*	*12/25/24 13:16*	*200*
2-Fluorobiphenyl	*76*	*I*	*43 - 130*	*11/19/24 05:14*	*12/25/24 13:16*	*200*
2-Fluorophenol (Surr)	*70*		*19 - 120*	*11/19/24 05:14*	*12/25/24 13:16*	*200*
Nitrobenzene-d5 (Surr)	*97*		*37 - 133*	*11/19/24 05:14*	*12/25/24 13:16*	*200*
Phenol-d5 (Surr)	*73*	*I*	*8 - 124*	*11/19/24 05:14*	*12/25/24 13:16*	*200*
p-Terphenyl-d14	*113*	*I*	*47 - 130*	*11/19/24 05:14*	*12/25/24 13:16*	*200*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<1.52	U H	11.4	1.52	ug/L		12/17/24 07:00	12/22/24 10:15	20
1,2-Dichlorobenzene	**10.6**	**J H**	11.4	1.87	ug/L		12/17/24 07:00	12/22/24 10:15	20
1,3-Dichlorobenzene	<2.02	U H	11.4	2.02	ug/L		12/17/24 07:00	12/22/24 10:15	20

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87137-1

Client Sample ID: MW-17
Date Collected: 11/13/24 10:50
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	**16.8**	**H**	11.4	1.55	ug/L		12/17/24 07:00	12/22/24 10:15	20
2,2'-oxybis[1-chloropropane]	<28.4	U H	56.8	28.4	ug/L		12/17/24 07:00	12/22/24 10:15	20
2,4,5-Trichlorophenol	<2.85	U H	11.4	2.85	ug/L		12/17/24 07:00	12/22/24 10:15	20
2,4,6-Trichlorophenol	<4.59	U H	11.4	4.59	ug/L		12/17/24 07:00	12/22/24 10:15	20
2,4-Dichlorophenol	<2.78	U H	11.4	2.78	ug/L		12/17/24 07:00	12/22/24 10:15	20
2,4-Dimethylphenol	<3.82	U H *+	11.4	3.82	ug/L		12/17/24 07:00	12/22/24 10:15	20
1,4-Dioxane	**67.1**	**H *-**	11.4	1.77	ug/L		12/17/24 07:00	12/22/24 10:15	20
2,4-Dinitrophenol	<2.07	U H	56.8	2.07	ug/L		12/17/24 07:00	12/22/24 10:15	20
2,4-Dinitrotoluene	<4.07	U H	11.4	4.07	ug/L		12/17/24 07:00	12/22/24 10:15	20
2,6-Dinitrotoluene	<2.31	U H	11.4	2.31	ug/L		12/17/24 07:00	12/22/24 10:15	20
2-Chloronaphthalene	<7.52	U H	11.4	7.52	ug/L		12/17/24 07:00	12/22/24 10:15	20
2-Methylnaphthalene	<1.20	U H	11.4	1.20	ug/L		12/17/24 07:00	12/22/24 10:15	20
2-Methylphenol	<2.08	U H	11.4	2.08	ug/L		12/17/24 07:00	12/22/24 10:15	20
2-Nitroaniline	<2.96	U H	11.4	2.96	ug/L		12/17/24 07:00	12/22/24 10:15	20
2-Nitrophenol	<2.71	U H	11.4	2.71	ug/L		12/17/24 07:00	12/22/24 10:15	20
3 & 4 Methylphenol	<2.76	U H	11.4	2.76	ug/L		12/17/24 07:00	12/22/24 10:15	20
3-Nitroaniline	<1.70	U H	11.4	1.70	ug/L		12/17/24 07:00	12/22/24 10:15	20
4,6-Dinitro-2-methylphenol	<4.00	U H	22.7	4.00	ug/L		12/17/24 07:00	12/22/24 10:15	20
4-Bromophenyl phenyl ether	<1.99	U H	11.4	1.99	ug/L		12/17/24 07:00	12/22/24 10:15	20
4-Chloro-3-methylphenol	<2.06	U H	11.4	2.06	ug/L		12/17/24 07:00	12/22/24 10:15	20
4-Chloroaniline	<0.766	U H	11.4	0.766	ug/L		12/17/24 07:00	12/22/24 10:15	20
4-Chlorophenyl phenyl ether	<2.59	U H	11.4	2.59	ug/L		12/17/24 07:00	12/22/24 10:15	20
4-Nitroaniline	<2.16	U H	11.4	2.16	ug/L		12/17/24 07:00	12/22/24 10:15	20
Acenaphthene	<2.14	U H	11.4	2.14	ug/L		12/17/24 07:00	12/22/24 10:15	20
Acenaphthylene	<1.98	U H	11.4	1.98	ug/L		12/17/24 07:00	12/22/24 10:15	20
Aniline	<1.15	U H	11.4	1.15	ug/L		12/17/24 07:00	12/22/24 10:15	20
Anthracene	<1.87	U H	11.4	1.87	ug/L		12/17/24 07:00	12/22/24 10:15	20
Benzo[a]anthracene	<0.568	U H	0.568	0.568	ug/L		12/17/24 07:00	12/22/24 10:15	20
Benzo[a]pyrene	<0.597	U H	1.14	0.597	ug/L		12/17/24 07:00	12/22/24 10:15	20
Benzo[b]fluoranthene	<1.32	U H	11.4	1.32	ug/L		12/17/24 07:00	12/22/24 10:15	20
Benzo[g,h,i]perylene	<0.686	U H	11.4	0.686	ug/L		12/17/24 07:00	12/22/24 10:15	20
Benzo[k]fluoranthene	<0.940	U H	11.4	0.940	ug/L		12/17/24 07:00	12/22/24 10:15	20
Benzyl alcohol	<11.9	U H *-	22.7	11.9	ug/L		12/17/24 07:00	12/22/24 10:15	20
Bis(2-chloroethoxy)methane	**173**	**H**	11.4	1.94	ug/L		12/17/24 07:00	12/22/24 10:15	20
Bis(2-chloroethyl)ether	<4.26	U H	11.4	4.26	ug/L		12/17/24 07:00	12/22/24 10:15	20
Bis(2-ethylhexyl) phthalate	<17.9	U H	22.7	17.9	ug/L		12/17/24 07:00	12/22/24 10:15	20
Butyl benzyl phthalate	<9.94	U H	22.7	9.94	ug/L		12/17/24 07:00	12/22/24 10:15	20
Chrysene	<1.62	U H	11.4	1.62	ug/L		12/17/24 07:00	12/22/24 10:15	20
Dibenz(a,h)anthracene	<1.01	U H	2.27	1.01	ug/L		12/17/24 07:00	12/22/24 10:15	20
Dibenzofuran	<2.12	U H	11.4	2.12	ug/L		12/17/24 07:00	12/22/24 10:15	20
Diethyl phthalate	<3.08	U H	22.7	3.08	ug/L		12/17/24 07:00	12/22/24 10:15	20
Dimethyl phthalate	<2.15	U H	22.7	2.15	ug/L		12/17/24 07:00	12/22/24 10:15	20
Di-n-butyl phthalate	<15.2	U H	22.7	15.2	ug/L		12/17/24 07:00	12/22/24 10:15	20
Di-n-octyl phthalate	<5.35	U H	22.7	5.35	ug/L		12/17/24 07:00	12/22/24 10:15	20
Fluoranthene	<1.76	U H	11.4	1.76	ug/L		12/17/24 07:00	12/22/24 10:15	20
Fluorene	<1.89	U H	11.4	1.89	ug/L		12/17/24 07:00	12/22/24 10:15	20
Hexachlorobenzene	<1.94	U H	11.4	1.94	ug/L		12/17/24 07:00	12/22/24 10:15	20
Hexachlorobutadiene	<2.04	U H	11.4	2.04	ug/L		12/17/24 07:00	12/22/24 10:15	20
Hexachlorocyclopentadiene	<1.02	U H *+	11.4	1.02	ug/L		12/17/24 07:00	12/22/24 10:15	20

Client Sample ID: MW-17
Date Collected: 11/13/24 10:50
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	**13.9**	**H**	11.4	2.03	ug/L		12/17/24 07:00	12/22/24 10:15	20
Indeno[1,2,3-cd]pyrene	<1.99	U H	11.4	1.99	ug/L		12/17/24 07:00	12/22/24 10:15	20
Isophorone	<2.12	U H	11.4	2.12	ug/L		12/17/24 07:00	12/22/24 10:15	20
Naphthalene	**2.71**	**J H**	11.4	1.88	ug/L		12/17/24 07:00	12/22/24 10:15	20
Nitrobenzene	<1.46	U H	11.4	1.46	ug/L		12/17/24 07:00	12/22/24 10:15	20
N-Nitrosodi-n-propylamine	<2.36	U H	11.4	2.36	ug/L		12/17/24 07:00	12/22/24 10:15	20
N-Nitrosodiphenylamine	<2.87	U H	11.4	2.87	ug/L		12/17/24 07:00	12/22/24 10:15	20
Pentachlorophenol	<20.7	U H	22.7	20.7	ug/L		12/17/24 07:00	12/22/24 10:15	20
Phenanthrene	<2.66	U H	11.4	2.66	ug/L		12/17/24 07:00	12/22/24 10:15	20
Phenol	<22.7	U H	22.7	22.7	ug/L		12/17/24 07:00	12/22/24 10:15	20
Pyrene	<1.69	U H	11.4	1.69	ug/L		12/17/24 07:00	12/22/24 10:15	20
Pyridine	<28.6	U H	56.8	28.6	ug/L		12/17/24 07:00	12/22/24 10:15	20
N-Nitro-o-toluidine	<10.3	U H	22.7	10.3	ug/L		12/17/24 07:00	12/22/24 10:15	20
2,3,4,6-Tetrachlorophenol	<4.19	U H	11.4	4.19	ug/L		12/17/24 07:00	12/22/24 10:15	20
Acetophenone	<12.4	U H	22.7	12.4	ug/L		12/17/24 07:00	12/22/24 10:15	20
N-Nitrosopiperidine	<9.29	U H	22.7	9.29	ug/L		12/17/24 07:00	12/22/24 10:15	20
Pentachlorobenzene	<5.29	U H	11.4	5.29	ug/L		12/17/24 07:00	12/22/24 10:15	20
Diphenyl ether	**8.72**	**J H**	11.4	1.81	ug/L		12/17/24 07:00	12/22/24 10:15	20
1,1'-Biphenyl	<1.95	U H	11.4	1.95	ug/L		12/17/24 07:00	12/22/24 10:15	20
4-Aminobiphenyl	<7.83	U H	11.4	7.83	ug/L		12/17/24 07:00	12/22/24 10:15	20
1,2,4,5-Tetrachlorobenzene	<1.90	U H	11.4	1.90	ug/L		12/17/24 07:00	12/22/24 10:15	20
1,3,5-Trinitrobenzene	<2.36	U H	11.4	2.36	ug/L		12/17/24 07:00	12/22/24 10:15	20
1,3-Dinitrobenzene	<1.54	U H	11.4	1.54	ug/L		12/17/24 07:00	12/22/24 10:15	20
1,4-Naphthoquinone	<6.25	U H	11.4	6.25	ug/L		12/17/24 07:00	12/22/24 10:15	20
1-Naphthylamine	<2.96	U H *-	11.4	2.96	ug/L		12/17/24 07:00	12/22/24 10:15	20
2,6-Dichlorophenol	<2.35	U H	11.4	2.35	ug/L		12/17/24 07:00	12/22/24 10:15	20
2-Acetylaminofluorene	<25.1	U H *+	56.8	25.1	ug/L		12/17/24 07:00	12/22/24 10:15	20
2-Chlorophenol	**1.84**	**J H**	11.4	1.50	ug/L		12/17/24 07:00	12/22/24 10:15	20
2-Naphthylamine	<5.73	U H	11.4	5.73	ug/L		12/17/24 07:00	12/22/24 10:15	20
2-Picoline	<2.44	U H	11.4	2.44	ug/L		12/17/24 07:00	12/22/24 10:15	20
2-Toluidine	<6.09	U H	11.4	6.09	ug/L		12/17/24 07:00	12/22/24 10:15	20
3,3'-Dichlorobenzidine	<3.64	U H	11.4	3.64	ug/L		12/17/24 07:00	12/22/24 10:15	20
3,3'-Dimethylbenzidine	<2.82	U H	11.4	2.82	ug/L		12/17/24 07:00	12/22/24 10:15	20
3-Methylcholanthrene	<2.07	U H	11.4	2.07	ug/L		12/17/24 07:00	12/22/24 10:15	20
4-Nitroquinoline-1-oxide	<14.5	U H	22.7	14.5	ug/L		12/17/24 07:00	12/22/24 10:15	20
7,12-Dimethylbenz(a)anthracene	<4.79	U H	11.4	4.79	ug/L		12/17/24 07:00	12/22/24 10:15	20
alpha,alpha-Dimethyl phenethylamine	<73.0	U H *-	114	73.0	ug/L		12/17/24 07:00	12/22/24 10:15	20
Aramite Peak 1	<1.56	U H	11.4	1.56	ug/L		12/17/24 07:00	12/22/24 10:15	20
Aramite Peak 2	<1.90	U H	11.4	1.90	ug/L		12/17/24 07:00	12/22/24 10:15	20
Aramite, Total	<1.90	U H	11.4	1.90	ug/L		12/17/24 07:00	12/22/24 10:15	20
Diallate	<1.66	U H	11.4	1.66	ug/L		12/17/24 07:00	12/22/24 10:15	20
Diallate Peak 1	<1.66	U H	11.4	1.66	ug/L		12/17/24 07:00	12/22/24 10:15	20
Diallate Peak 2	<0.766	U H	11.4	0.766	ug/L		12/17/24 07:00	12/22/24 10:15	20
Dimethoate	<2.42	U H *+	11.4	2.42	ug/L		12/17/24 07:00	12/22/24 10:15	20
Dinoseb	<11.3	U H *+	56.8	11.3	ug/L		12/17/24 07:00	12/22/24 10:15	20
Disulfoton	<4.03	U H	11.4	4.03	ug/L		12/17/24 07:00	12/22/24 10:15	20
Ethyl methanesulfonate	<4.51	U H	11.4	4.51	ug/L		12/17/24 07:00	12/22/24 10:15	20
Ethyl Parathion	<0.998	U H *+	4.55	0.998	ug/L		12/17/24 07:00	12/22/24 10:15	20
Famphur	<3.00	U H	22.7	3.00	ug/L		12/17/24 07:00	12/22/24 10:15	20

Client Sample ID: MW-17

Date Collected: 11/13/24 10:50
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloropropene	<5.96	U H	11.4	5.96	ug/L		12/17/24 07:00	12/22/24 10:15	20
Isosafrole	<4.79	U H	11.4	4.79	ug/L		12/17/24 07:00	12/22/24 10:15	20
Isosafrole Peak 1	<0.922	U H	11.4	0.922	ug/L		12/17/24 07:00	12/22/24 10:15	20
Isosafrole Peak 2	<4.79	U H	11.4	4.79	ug/L		12/17/24 07:00	12/22/24 10:15	20
Methapyrilene	<19.9	U H *+	45.5	19.9	ug/L		12/17/24 07:00	12/22/24 10:15	20
Methyl methanesulfonate	<2.38	U H	11.4	2.38	ug/L		12/17/24 07:00	12/22/24 10:15	20
Methyl parathion	<6.35	U H	11.4	6.35	ug/L		12/17/24 07:00	12/22/24 10:15	20
N-Nitrosodiethylamine	<10.7	U H	22.7	10.7	ug/L		12/17/24 07:00	12/22/24 10:15	20
N-Nitrosodimethylamine	<1.99	U H *-	11.4	1.99	ug/L		12/17/24 07:00	12/22/24 10:15	20
N-Nitrosodi-n-butylamine	<10.3	U H	22.7	10.3	ug/L		12/17/24 07:00	12/22/24 10:15	20
N-Nitrosomethylethylamine	<5.84	U H	11.4	5.84	ug/L		12/17/24 07:00	12/22/24 10:15	20
N-Nitrosomorpholine	<4.38	U H	11.4	4.38	ug/L		12/17/24 07:00	12/22/24 10:15	20
N-Nitrosopyrrolidine	<5.32	U H *-	11.4	5.32	ug/L		12/17/24 07:00	12/22/24 10:15	20
p-Dimethylamino azobenzene	<0.473	U H	11.4	0.473	ug/L		12/17/24 07:00	12/22/24 10:15	20
Pentachloronitrobenzene	<1.99	U H	11.4	1.99	ug/L		12/17/24 07:00	12/22/24 10:15	20
Phenacetin	<1.99	U H	11.4	1.99	ug/L		12/17/24 07:00	12/22/24 10:15	20
Phorate	<4.40	U H	11.4	4.40	ug/L		12/17/24 07:00	12/22/24 10:15	20
p-Phenylene diamine	<9.94	U H *- *1	22.7	9.94	ug/L		12/17/24 07:00	12/22/24 10:15	20
Pronamide	<1.99	U H	11.4	1.99	ug/L		12/17/24 07:00	12/22/24 10:15	20
Safrole, Total	<1.14	U H	11.4	1.14	ug/L		12/17/24 07:00	12/22/24 10:15	20
Sulfotepp	<2.91	U H *+	11.4	2.91	ug/L		12/17/24 07:00	12/22/24 10:15	20
Thionazin	<4.14	U H	22.7	4.14	ug/L		12/17/24 07:00	12/22/24 10:15	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*	*I*	*35 - 130*	*12/17/24 07:00*	*12/22/24 10:15*	*20*
2-Fluorobiphenyl	*72*		*43 - 130*	*12/17/24 07:00*	*12/22/24 10:15*	*20*
2-Fluorophenol (Surr)	*67*		*19 - 120*	*12/17/24 07:00*	*12/22/24 10:15*	*20*
Nitrobenzene-d5 (Surr)	*66*		*37 - 133*	*12/17/24 07:00*	*12/22/24 10:15*	*20*
Phenol-d5 (Surr)	*42*		*8 - 124*	*12/17/24 07:00*	*12/22/24 10:15*	*20*
p-Terphenyl-d14	*85*		*47 - 130*	*12/17/24 07:00*	*12/22/24 10:15*	*20*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - REDL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o,o',o''-Triethylphosphorothioate	**1560**	**H**	114	27.5	ug/L		12/17/24 07:00	12/25/24 14:43	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*S1-*	*35 - 130*	*12/17/24 07:00*	*12/25/24 14:43*	*200*
2-Fluorobiphenyl	*81*		*43 - 130*	*12/17/24 07:00*	*12/25/24 14:43*	*200*
2-Fluorophenol (Surr)	*71*	*I*	*19 - 120*	*12/17/24 07:00*	*12/25/24 14:43*	*200*
Nitrobenzene-d5 (Surr)	*77*		*37 - 133*	*12/17/24 07:00*	*12/25/24 14:43*	*200*
Phenol-d5 (Surr)	*45*		*8 - 124*	*12/17/24 07:00*	*12/25/24 14:43*	*200*
p-Terphenyl-d14	*105*		*47 - 130*	*12/17/24 07:00*	*12/25/24 14:43*	*200*

Client Sample ID: MW-08

Date Collected: 11/14/24 07:48
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<64.4	U	100	64.4	ug/L			11/19/24 19:31	100
1,1,1-Trichloroethane	<58.5	U	500	58.5	ug/L			11/19/24 19:31	100

Client Sample ID: MW-08
Date Collected: 11/14/24 07:48
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	<47.0	U	100	47.0	ug/L			11/19/24 19:31	100
1,1,2-Trichloro-1,2,2-trifluoroethane	<111	U	1000	111	ug/L			11/19/24 19:31	100
1,1,2-Trichloroethane	<41.1	U	100	41.1	ug/L			11/19/24 19:31	100
1,1-Dichloroethane	<63.5	U	100	63.5	ug/L			11/19/24 19:31	100
1,1-Dichloroethene	<73.8	U	100	73.8	ug/L			11/19/24 19:31	100
1,2,3-Trichloropropane	<47.0	U	100	47.0	ug/L			11/19/24 19:31	100
1,2,4-Trimethylbenzene	<41.7	U	100	41.7	ug/L			11/19/24 19:31	100
1,2-Dibromo-3-Chloropropane	<67.1	U	500	67.1	ug/L			11/19/24 19:31	100
1,2-Dibromoethane	<99.9	U	500	99.9	ug/L			11/19/24 19:31	100
1,2-Dichloroethane	<37.2	U	100	37.2	ug/L			11/19/24 19:31	100
1,2-Dichloropropane	<55.6	U	500	55.6	ug/L			11/19/24 19:31	100
1,3,5-Trimethylbenzene	<41.1	U	100	41.1	ug/L			11/19/24 19:31	100
1,3-Butadiene	<56.8	U	100	56.8	ug/L			11/19/24 19:31	100
2,2,4-Trimethylpentane	<50.0	U	500	50.0	ug/L			11/19/24 19:31	100
2-Butanone (MEK)	<828	U	5000	828	ug/L			11/19/24 19:31	100
2-Hexanone (MBK)	<500	U	5000	500	ug/L			11/19/24 19:31	100
2-Propanol	<523	U	1000	523	ug/L			11/19/24 19:31	100
3-Chloropropene (Allyl Chloride)	<59.7	U	500	59.7	ug/L			11/19/24 19:31	100
4-Methyl-2-pentanone	<500	U	5000	500	ug/L			11/19/24 19:31	100
Acetone	<307	U	10000	307	ug/L			11/19/24 19:31	100
Acetonitrile	<1460	U	10000	1460	ug/L			11/19/24 19:31	100
Acrolein	<1110	U	5000	1110	ug/L			11/19/24 19:31	100
Acrylonitrile	<1430	U	5000	1430	ug/L			11/19/24 19:31	100
alpha-Chlorotoluene	<226	U	500	226	ug/L			11/19/24 19:31	100
Benzene	**481**		100	46.0	ug/L			11/19/24 19:31	100
Bromodichloromethane	<55.2	U	100	55.2	ug/L			11/19/24 19:31	100
Bromoform	<63.3	U	500	63.3	ug/L			11/19/24 19:31	100
Bromomethane	<142	U	500	142	ug/L			11/19/24 19:31	100
Carbon disulfide	<165	U	500	165	ug/L			11/19/24 19:31	100
Carbon tetrachloride	**1500**		500	89.6	ug/L			11/19/24 19:31	100
Chlorobenzene	**101**		100	45.5	ug/L			11/19/24 19:31	100
Chlorodibromomethane	<54.7	U	500	54.7	ug/L			11/19/24 19:31	100
Chloroethane	<198	U	1000	198	ug/L			11/19/24 19:31	100
Chloroform	**221**		100	46.4	ug/L			11/19/24 19:31	100
Chloromethane	<204	U	1000	204	ug/L			11/19/24 19:31	100
Chloroprene	<59.8	U	500	59.8	ug/L			11/19/24 19:31	100
cis-1,2-Dichloroethene	<45.7	U	100	45.7	ug/L			11/19/24 19:31	100
cis-1,3-Dichloropropene	<107	U	500	107	ug/L			11/19/24 19:31	100
Cumene (isopropylbenzene)	<59.2	U	100	59.2	ug/L			11/19/24 19:31	100
Cyclohexane	<129	U	500	129	ug/L			11/19/24 19:31	100
Dibromomethane	<35.7	U	100	35.7	ug/L			11/19/24 19:31	100
Dichlorodifluoromethane	<78.5	U	100	78.5	ug/L			11/19/24 19:31	100
Ethyl methacrylate	<112	U	500	112	ug/L			11/19/24 19:31	100
Ethylbenzene	<38.5	U	100	38.5	ug/L			11/19/24 19:31	100
Hexane	<51.7	U	500	51.7	ug/L			11/19/24 19:31	100
Iodomethane	<500	U *+	2000	500	ug/L			11/19/24 19:31	100
Isobutanol	<1710	U	5000	1710	ug/L			11/19/24 19:31	100
Methacrylonitrile	<272	U	1000	272	ug/L			11/19/24 19:31	100
Methyl methacrylate	<225	U	1000	225	ug/L			11/19/24 19:31	100

Client Sample ID: MW-08
Date Collected: 11/14/24 07:48
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<139	U	500	139	ug/L			11/19/24 19:31	100
Methylene Chloride	**192**	**J**	500	173	ug/L			11/19/24 19:31	100
Propionitrile	<334	U	1000	334	ug/L			11/19/24 19:31	100
Propylbenzene	<42.9	U	100	42.9	ug/L			11/19/24 19:31	100
Styrene	<61.9	U	100	61.9	ug/L			11/19/24 19:31	100
Tetrachloroethene	<65.5	U	100	65.5	ug/L			11/19/24 19:31	100
Tetrahydrofuran	<183	U	1000	183	ug/L			11/19/24 19:31	100
Toluene	<47.5	U	100	47.5	ug/L			11/19/24 19:31	100
trans-1,2-Dichloroethene	<36.8	U	100	36.8	ug/L			11/19/24 19:31	100
trans-1,3-Dichloropropene	<127	U	500	127	ug/L			11/19/24 19:31	100
trans-1,4-Dichloro-2-butene	<135	U	1000	135	ug/L			11/19/24 19:31	100
Trichloroethene	<150	U	500	150	ug/L			11/19/24 19:31	100
Trichlorofluoromethane	<56.0	U	100	56.0	ug/L			11/19/24 19:31	100
Vinyl acetate	<214	U	2000	214	ug/L			11/19/24 19:31	100
Vinyl chloride	<42.8	U	200	42.8	ug/L			11/19/24 19:31	100
Xylenes, Total	<124	U	1000	124	ug/L			11/19/24 19:31	100
m,p-Xylenes	<0.124	U	1.00	0.124	mg/L			11/19/24 19:31	100
o-Xylene	<0.0502	U	0.100	0.0502	mg/L			11/19/24 19:31	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*11/19/24 19:31*	*100*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*11/19/24 19:31*	*100*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*11/19/24 19:31*	*100*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/19/24 19:31*	*100*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	**0.160**	**J**	0.569	0.0763	ug/L		11/19/24 05:14	12/14/24 08:40	1
1,2-Dichlorobenzene	**1.09**		0.569	0.0937	ug/L		11/19/24 05:14	12/14/24 08:40	1
1,3-Dichlorobenzene	**0.264**	**J**	0.569	0.101	ug/L		11/19/24 05:14	12/14/24 08:40	1
1,4-Dichlorobenzene	**1.62**		0.569	0.0776	ug/L		11/19/24 05:14	12/14/24 08:40	1
2,2'-oxybis[1-chloropropane]	<1.42	U	2.84	1.42	ug/L		11/19/24 05:14	12/14/24 08:40	1
2,4,5-Trichlorophenol	<0.143	U *+	0.569	0.143	ug/L		11/19/24 05:14	12/14/24 08:40	1
2,4,6-Trichlorophenol	<0.230	U *+	0.569	0.230	ug/L		11/19/24 05:14	12/14/24 08:40	1
2,4-Dichlorophenol	<0.139	U	0.569	0.139	ug/L		11/19/24 05:14	12/14/24 08:40	1
2,4-Dimethylphenol	**0.652**	**I *+**	0.569	0.191	ug/L		11/19/24 05:14	12/14/24 08:40	1
2,4-Dinitrophenol	<0.104	U	2.84	0.104	ug/L		11/19/24 05:14	12/14/24 08:40	1
2,4-Dinitrotoluene	<0.204	U	0.569	0.204	ug/L		11/19/24 05:14	12/14/24 08:40	1
2,6-Dinitrotoluene	<0.116	U	0.569	0.116	ug/L		11/19/24 05:14	12/14/24 08:40	1
2-Chloronaphthalene	<0.377	U	0.569	0.377	ug/L		11/19/24 05:14	12/14/24 08:40	1
2-Methylnaphthalene	<0.0600	U	0.569	0.0600	ug/L		11/19/24 05:14	12/14/24 08:40	1
2-Methylphenol	<0.104	U	0.569	0.104	ug/L		11/19/24 05:14	12/14/24 08:40	1
2-Nitroaniline	<0.148	U *+	0.569	0.148	ug/L		11/19/24 05:14	12/14/24 08:40	1
2-Nitrophenol	<0.135	U	0.569	0.135	ug/L		11/19/24 05:14	12/14/24 08:40	1
3 & 4 Methylphenol	**5.02**		0.569	0.138	ug/L		11/19/24 05:14	12/14/24 08:40	1
3-Nitroaniline	<0.0849	U	0.569	0.0849	ug/L		11/19/24 05:14	12/14/24 08:40	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/19/24 05:14	12/14/24 08:40	1
4-Bromophenyl phenyl ether	<0.0999	U *+	0.569	0.0999	ug/L		11/19/24 05:14	12/14/24 08:40	1
4-Chloro-3-methylphenol	<0.103	U	0.569	0.103	ug/L		11/19/24 05:14	12/14/24 08:40	1
4-Chloroaniline	<0.0384	U	0.569	0.0384	ug/L		11/19/24 05:14	12/14/24 08:40	1

Client Sample ID: MW-08
Date Collected: 11/14/24 07:48
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	<0.130	U	0.569	0.130	ug/L		11/19/24 05:14	12/14/24 08:40	1
4-Nitroaniline	<0.108	U	0.569	0.108	ug/L		11/19/24 05:14	12/14/24 08:40	1
Acenaphthene	**0.111**	**J**	0.569	0.107	ug/L		11/19/24 05:14	12/14/24 08:40	1
Acenaphthylene	<0.0992	U	0.569	0.0992	ug/L		11/19/24 05:14	12/14/24 08:40	1
Aniline	<0.0577	U	0.569	0.0577	ug/L		11/19/24 05:14	12/14/24 08:40	1
Anthracene	<0.0934	U	0.569	0.0934	ug/L		11/19/24 05:14	12/14/24 08:40	1
Benzo[a]anthracene	<0.0284	U *+	0.0284	0.0284	ug/L		11/19/24 05:14	12/14/24 08:40	1
Benzo[a]pyrene	<0.0299	U	0.0569	0.0299	ug/L		11/19/24 05:14	12/14/24 08:40	1
Benzo[b]fluoranthene	<0.0661	U *+	0.569	0.0661	ug/L		11/19/24 05:14	12/14/24 08:40	1
Benzo[g,h,i]perylene	<0.0344	U	0.569	0.0344	ug/L		11/19/24 05:14	12/14/24 08:40	1
Benzo[k]fluoranthene	<0.0470	U	0.569	0.0470	ug/L		11/19/24 05:14	12/14/24 08:40	1
Benzyl alcohol	**1.87**	**I**	1.14	0.597	ug/L		11/19/24 05:14	12/14/24 08:40	1
Bis(2-chloroethyl)ether	<0.213	U *+	0.569	0.213	ug/L		11/19/24 05:14	12/14/24 08:40	1
Bis(2-ethylhexyl) phthalate	<0.896	U	1.14	0.896	ug/L		11/19/24 05:14	12/14/24 08:40	1
Butyl benzyl phthalate	<0.498	U	1.14	0.498	ug/L		11/19/24 05:14	12/14/24 08:40	1
Chrysene	<0.0812	U *+	0.569	0.0812	ug/L		11/19/24 05:14	12/14/24 08:40	1
Dibenz(a,h)anthracene	<0.0507	U	0.114	0.0507	ug/L		11/19/24 05:14	12/14/24 08:40	1
Dibenzofuran	<0.106	U *+	0.569	0.106	ug/L		11/19/24 05:14	12/14/24 08:40	1
Diethyl phthalate	**0.546**	**J**	1.14	0.154	ug/L		11/19/24 05:14	12/14/24 08:40	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/19/24 05:14	12/14/24 08:40	1
Di-n-butyl phthalate	<0.762	U	1.14	0.762	ug/L		11/19/24 05:14	12/14/24 08:40	1
Di-n-octyl phthalate	<0.268	U	1.14	0.268	ug/L		11/19/24 05:14	12/14/24 08:40	1
Fluoranthene	<0.0879	U	0.569	0.0879	ug/L		11/19/24 05:14	12/14/24 08:40	1
Fluorene	<0.0944	U	0.569	0.0944	ug/L		11/19/24 05:14	12/14/24 08:40	1
Hexachlorobenzene	<0.0971	U	0.569	0.0971	ug/L		11/19/24 05:14	12/14/24 08:40	1
Hexachlorobutadiene	<0.102	U	0.569	0.102	ug/L		11/19/24 05:14	12/14/24 08:40	1
Hexachlorocyclopentadiene	<0.0510	U *+	0.569	0.0510	ug/L		11/19/24 05:14	12/14/24 08:40	1
Hexachloroethane	**0.308**	**J**	0.569	0.101	ug/L		11/19/24 05:14	12/14/24 08:40	1
Indeno[1,2,3-cd]pyrene	<0.0996	U	0.569	0.0996	ug/L		11/19/24 05:14	12/14/24 08:40	1
Isophorone	<0.106	U	0.569	0.106	ug/L		11/19/24 05:14	12/14/24 08:40	1
Naphthalene	**0.363**	**J**	0.569	0.0940	ug/L		11/19/24 05:14	12/14/24 08:40	1
Nitrobenzene	<0.0733	U	0.569	0.0733	ug/L		11/19/24 05:14	12/14/24 08:40	1
N-Nitrosodi-n-propylamine	<0.118	U	0.569	0.118	ug/L		11/19/24 05:14	12/14/24 08:40	1
N-Nitrosodiphenylamine	<0.144	U *+	0.569	0.144	ug/L		11/19/24 05:14	12/14/24 08:40	1
Pentachlorophenol	**5.40**		1.14	1.03	ug/L		11/19/24 05:14	12/14/24 08:40	1
Phenanthrene	<0.133	U	0.569	0.133	ug/L		11/19/24 05:14	12/14/24 08:40	1
Phenol	**2.86**	**I**	1.14	1.14	ug/L		11/19/24 05:14	12/14/24 08:40	1
Pyrene	<0.0845	U	0.569	0.0845	ug/L		11/19/24 05:14	12/14/24 08:40	1
Pyridine	<1.43	U	2.84	1.43	ug/L		11/19/24 05:14	12/14/24 08:40	1
N-Nitro-o-toluidine	<0.518	U	1.14	0.518	ug/L		11/19/24 05:14	12/14/24 08:40	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.569	0.210	ug/L		11/19/24 05:14	12/14/24 08:40	1
Acetophenone	<0.621	U *+	1.14	0.621	ug/L		11/19/24 05:14	12/14/24 08:40	1
N-Nitrosopiperidine	<0.465	U	1.14	0.465	ug/L		11/19/24 05:14	12/14/24 08:40	1
Pentachlorobenzene	<0.265	U	0.569	0.265	ug/L		11/19/24 05:14	12/14/24 08:40	1
Diphenyl ether	**0.365**	**J**	0.569	0.0906	ug/L		11/19/24 05:14	12/14/24 08:40	1
1,1'-Biphenyl	<0.0977	U	0.569	0.0977	ug/L		11/19/24 05:14	12/14/24 08:40	1
4-Aminobiphenyl	<0.392	U	0.569	0.392	ug/L		11/19/24 05:14	12/14/24 08:40	1
1,2,4,5-Tetrachlorobenzene	<0.0953	U	0.569	0.0953	ug/L		11/19/24 05:14	12/14/24 08:40	1
1,3,5-Trinitrobenzene	<0.118	U	0.569	0.118	ug/L		11/19/24 05:14	12/14/24 08:40	1

Client Sample ID: MW-08
Date Collected: 11/14/24 07:48
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dinitrobenzene	<0.0770	U	0.569	0.0770	ug/L		11/19/24 05:14	12/14/24 08:40	1
1,4-Naphthoquinone	<0.313	U	0.569	0.313	ug/L		11/19/24 05:14	12/14/24 08:40	1
1-Naphthylamine	<0.148	U	0.569	0.148	ug/L		11/19/24 05:14	12/14/24 08:40	1
2,6-Dichlorophenol	<0.118	U	0.569	0.118	ug/L		11/19/24 05:14	12/14/24 08:40	1
2-Acetylaminofluorene	<1.26	U *+	2.84	1.26	ug/L		11/19/24 05:14	12/14/24 08:40	1
2-Chlorophenol	**0.240**	**J *+**	0.569	0.0753	ug/L		11/19/24 05:14	12/14/24 08:40	1
2-Naphthylamine	<0.287	U	0.569	0.287	ug/L		11/19/24 05:14	12/14/24 08:40	1
2-Picoline	<0.122	U	0.569	0.122	ug/L		11/19/24 05:14	12/14/24 08:40	1
2-Toluidine	<0.305	U	0.569	0.305	ug/L		11/19/24 05:14	12/14/24 08:40	1
3,3'-Dichlorobenzidine	<0.182	U	0.569	0.182	ug/L		11/19/24 05:14	12/14/24 08:40	1
3,3'-Dimethylbenzidine	<0.141	U	0.569	0.141	ug/L		11/19/24 05:14	12/14/24 08:40	1
3-Methylcholanthrene	<0.104	U	0.569	0.104	ug/L		11/19/24 05:14	12/14/24 08:40	1
4-Nitroquinoline-1-oxide	<0.727	U	1.14	0.727	ug/L		11/19/24 05:14	12/14/24 08:40	1
7,12-Dimethylbenz(a)anthracene	<0.240	U *+	0.569	0.240	ug/L		11/19/24 05:14	12/14/24 08:40	1
alpha,alpha-Dimethyl phenethylamine	<3.65	U *-	5.69	3.65	ug/L		11/19/24 05:14	12/14/24 08:40	1
Aramite Peak 1	<0.0782	U *+	0.569	0.0782	ug/L		11/19/24 05:14	12/14/24 08:40	1
Aramite Peak 2	<0.0950	U *+	0.569	0.0950	ug/L		11/19/24 05:14	12/14/24 08:40	1
Aramite, Total	<0.0950	U	0.569	0.0950	ug/L		11/19/24 05:14	12/14/24 08:40	1
Diallate	<0.0831	U	0.569	0.0831	ug/L		11/19/24 05:14	12/14/24 08:40	1
Diallate Peak 1	<0.0831	U	0.569	0.0831	ug/L		11/19/24 05:14	12/14/24 08:40	1
Diallate Peak 2	<0.0384	U	0.569	0.0384	ug/L		11/19/24 05:14	12/14/24 08:40	1
Dimethoate	<0.121	U *+	0.569	0.121	ug/L		11/19/24 05:14	12/14/24 08:40	1
Dinoseb	<0.567	U *+	2.84	0.567	ug/L		11/19/24 05:14	12/14/24 08:40	1
Disulfoton	<0.202	U *+	0.569	0.202	ug/L		11/19/24 05:14	12/14/24 08:40	1
Ethyl methanesulfonate	<0.226	U	0.569	0.226	ug/L		11/19/24 05:14	12/14/24 08:40	1
Ethyl Parathion	<0.0500	U *+	0.228	0.0500	ug/L		11/19/24 05:14	12/14/24 08:40	1
Famphur	<0.150	U *+	1.14	0.150	ug/L		11/19/24 05:14	12/14/24 08:40	1
Hexachloropropene	<0.298	U	0.569	0.298	ug/L		11/19/24 05:14	12/14/24 08:40	1
Isosafrole	<0.240	U	0.569	0.240	ug/L		11/19/24 05:14	12/14/24 08:40	1
Isosafrole Peak 1	<0.0461	U	0.569	0.0461	ug/L		11/19/24 05:14	12/14/24 08:40	1
Isosafrole Peak 2	<0.240	U	0.569	0.240	ug/L		11/19/24 05:14	12/14/24 08:40	1
Methapyrilene	<0.995	U *+	2.28	0.995	ug/L		11/19/24 05:14	12/14/24 08:40	1
Methyl methanesulfonate	<0.119	U	0.569	0.119	ug/L		11/19/24 05:14	12/14/24 08:40	1
Methyl parathion	<0.318	U *+	0.569	0.318	ug/L		11/19/24 05:14	12/14/24 08:40	1
N-Nitrosodiethylamine	<0.536	U	1.14	0.536	ug/L		11/19/24 05:14	12/14/24 08:40	1
N-Nitrosodimethylamine	<0.0996	U *-	0.569	0.0996	ug/L		11/19/24 05:14	12/14/24 08:40	1
N-Nitrosodi-n-butylamine	<0.513	U	1.14	0.513	ug/L		11/19/24 05:14	12/14/24 08:40	1
N-Nitrosomethylethylamine	<0.293	U	0.569	0.293	ug/L		11/19/24 05:14	12/14/24 08:40	1
N-Nitrosomorpholine	<0.219	U	0.569	0.219	ug/L		11/19/24 05:14	12/14/24 08:40	1
N-Nitrosopyrrolidine	<0.267	U	0.569	0.267	ug/L		11/19/24 05:14	12/14/24 08:40	1
p-Dimethylamino azobenzene	<0.0237	U	0.569	0.0237	ug/L		11/19/24 05:14	12/14/24 08:40	1
Pentachloronitrobenzene	<0.0996	U	0.569	0.0996	ug/L		11/19/24 05:14	12/14/24 08:40	1
Phenacetin	<0.0996	U *+	0.569	0.0996	ug/L		11/19/24 05:14	12/14/24 08:40	1
Phorate	<0.220	U *+	0.569	0.220	ug/L		11/19/24 05:14	12/14/24 08:40	1
p-Phenylene diamine	<0.498	U *-	1.14	0.498	ug/L		11/19/24 05:14	12/14/24 08:40	1
Pronamide	<0.0996	U *+	0.569	0.0996	ug/L		11/19/24 05:14	12/14/24 08:40	1
Safrole, Total	<0.0569	U	0.569	0.0569	ug/L		11/19/24 05:14	12/14/24 08:40	1
Sulfotepp	<0.146	U *+	0.569	0.146	ug/L		11/19/24 05:14	12/14/24 08:40	1
Thionazin	<0.207	U *+	1.14	0.207	ug/L		11/19/24 05:14	12/14/24 08:40	1

Client Sample ID: MW-08
Date Collected: 11/14/24 07:48
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	146	S1+	35 - 130	11/19/24 05:14	12/14/24 08:40	1
2-Fluorobiphenyl	87		43 - 130	11/19/24 05:14	12/14/24 08:40	1
2-Fluorophenol (Surr)	110		19 - 120	11/19/24 05:14	12/14/24 08:40	1
Nitrobenzene-d5 (Surr)	119		37 - 133	11/19/24 05:14	12/14/24 08:40	1
Phenol-d5 (Surr)	77		8 - 124	11/19/24 05:14	12/14/24 08:40	1
p-Terphenyl-d14	158	S1+	47 - 130	11/19/24 05:14	12/14/24 08:40	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	623		28.4	4.43	ug/L		11/19/24 05:14	12/22/24 07:45	50
Bis(2-chloroethoxy)methane	81.2	I	28.4	4.85	ug/L		11/19/24 05:14	12/22/24 07:45	50
o,o',o''-Triethylphosphorothioate	662		28.4	6.88	ug/L		11/19/24 05:14	12/22/24 07:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	127	I	35 - 130	11/19/24 05:14	12/22/24 07:45	50
2-Fluorobiphenyl	73		43 - 130	11/19/24 05:14	12/22/24 07:45	50
2-Fluorophenol (Surr)	84		19 - 120	11/19/24 05:14	12/22/24 07:45	50
Nitrobenzene-d5 (Surr)	67	I	37 - 133	11/19/24 05:14	12/22/24 07:45	50
Phenol-d5 (Surr)	85	I	8 - 124	11/19/24 05:14	12/22/24 07:45	50
p-Terphenyl-d14	105		47 - 130	11/19/24 05:14	12/22/24 07:45	50

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<3.80	U H	28.3	3.80	ug/L		12/17/24 07:00	12/22/24 10:45	50
1,2-Dichlorobenzene	<4.66	U H	28.3	4.66	ug/L		12/17/24 07:00	12/22/24 10:45	50
1,3-Dichlorobenzene	<5.04	U H	28.3	5.04	ug/L		12/17/24 07:00	12/22/24 10:45	50
1,4-Dichlorobenzene	<3.86	U H	28.3	3.86	ug/L		12/17/24 07:00	12/22/24 10:45	50
2,2'-oxybis[1-chloropropane]	<70.8	U H	142	70.8	ug/L		12/17/24 07:00	12/22/24 10:45	50
2,4,5-Trichlorophenol	<7.10	U H	28.3	7.10	ug/L		12/17/24 07:00	12/22/24 10:45	50
2,4,6-Trichlorophenol	<11.4	U H	28.3	11.4	ug/L		12/17/24 07:00	12/22/24 10:45	50
2,4-Dichlorophenol	<6.94	U H	28.3	6.94	ug/L		12/17/24 07:00	12/22/24 10:45	50
2,4-Dimethylphenol	<9.53	U H *+	28.3	9.53	ug/L		12/17/24 07:00	12/22/24 10:45	50
1,4-Dioxane	637	H *-	28.3	4.41	ug/L		12/17/24 07:00	12/22/24 10:45	50
2,4-Dinitrophenol	<5.16	U H	142	5.16	ug/L		12/17/24 07:00	12/22/24 10:45	50
2,4-Dinitrotoluene	<10.1	U H	28.3	10.1	ug/L		12/17/24 07:00	12/22/24 10:45	50
2,6-Dinitrotoluene	<5.76	U H	28.3	5.76	ug/L		12/17/24 07:00	12/22/24 10:45	50
2-Chloronaphthalene	<18.8	U H	28.3	18.8	ug/L		12/17/24 07:00	12/22/24 10:45	50
2-Methylnaphthalene	<2.99	U H	28.3	2.99	ug/L		12/17/24 07:00	12/22/24 10:45	50
2-Methylphenol	<5.19	U H	28.3	5.19	ug/L		12/17/24 07:00	12/22/24 10:45	50
2-Nitroaniline	<7.38	U H	28.3	7.38	ug/L		12/17/24 07:00	12/22/24 10:45	50
2-Nitrophenol	<6.74	U H	28.3	6.74	ug/L		12/17/24 07:00	12/22/24 10:45	50
3 & 4 Methylphenol	<6.88	U H	28.3	6.88	ug/L		12/17/24 07:00	12/22/24 10:45	50
3-Nitroaniline	<4.23	U H	28.3	4.23	ug/L		12/17/24 07:00	12/22/24 10:45	50
4,6-Dinitro-2-methylphenol	<9.98	U H	56.7	9.98	ug/L		12/17/24 07:00	12/22/24 10:45	50
4-Bromophenyl phenyl ether	<4.97	U H	28.3	4.97	ug/L		12/17/24 07:00	12/22/24 10:45	50
4-Chloro-3-methylphenol	<5.14	U H	28.3	5.14	ug/L		12/17/24 07:00	12/22/24 10:45	50
4-Chloroaniline	<1.91	U H	28.3	1.91	ug/L		12/17/24 07:00	12/22/24 10:45	50
4-Chlorophenyl phenyl ether	<6.46	U H	28.3	6.46	ug/L		12/17/24 07:00	12/22/24 10:45	50
4-Nitroaniline	<5.39	U H	28.3	5.39	ug/L		12/17/24 07:00	12/22/24 10:45	50
Acenaphthene	<5.33	U H	28.3	5.33	ug/L		12/17/24 07:00	12/22/24 10:45	50
Acenaphthylene	<4.94	U H	28.3	4.94	ug/L		12/17/24 07:00	12/22/24 10:45	50

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87137-1

Client Sample ID: MW-08
Date Collected: 11/14/24 07:48
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aniline	<2.87	U H	28.3	2.87	ug/L		12/17/24 07:00	12/22/24 10:45	50
Anthracene	<4.65	U H	28.3	4.65	ug/L		12/17/24 07:00	12/22/24 10:45	50
Benzo[a]anthracene	<1.42	U H	1.42	1.42	ug/L		12/17/24 07:00	12/22/24 10:45	50
Benzo[a]pyrene	<1.49	U H	2.83	1.49	ug/L		12/17/24 07:00	12/22/24 10:45	50
Benzo[b]fluoranthene	<3.29	U H	28.3	3.29	ug/L		12/17/24 07:00	12/22/24 10:45	50
Benzo[g,h,i]perylene	<1.71	U H	28.3	1.71	ug/L		12/17/24 07:00	12/22/24 10:45	50
Benzo[k]fluoranthene	<2.34	U H	28.3	2.34	ug/L		12/17/24 07:00	12/22/24 10:45	50
Benzyl alcohol	<29.7	U H *-	56.7	29.7	ug/L		12/17/24 07:00	12/22/24 10:45	50
Bis(2-chloroethoxy)methane	**74.2**	**H I**	28.3	4.83	ug/L		12/17/24 07:00	12/22/24 10:45	50
Bis(2-chloroethyl)ether	<10.6	U H	28.3	10.6	ug/L		12/17/24 07:00	12/22/24 10:45	50
Bis(2-ethylhexyl) phthalate	<44.6	U H	56.7	44.6	ug/L		12/17/24 07:00	12/22/24 10:45	50
Butyl benzyl phthalate	<24.8	U H	56.7	24.8	ug/L		12/17/24 07:00	12/22/24 10:45	50
Chrysene	<4.04	U H	28.3	4.04	ug/L		12/17/24 07:00	12/22/24 10:45	50
Dibenz(a,h)anthracene	<2.52	U H	5.67	2.52	ug/L		12/17/24 07:00	12/22/24 10:45	50
Dibenzofuran	<5.28	U H	28.3	5.28	ug/L		12/17/24 07:00	12/22/24 10:45	50
Diethyl phthalate	<7.67	U H	56.7	7.67	ug/L		12/17/24 07:00	12/22/24 10:45	50
Dimethyl phthalate	<5.36	U H	56.7	5.36	ug/L		12/17/24 07:00	12/22/24 10:45	50
Di-n-butyl phthalate	<37.9	U H	56.7	37.9	ug/L		12/17/24 07:00	12/22/24 10:45	50
Di-n-octyl phthalate	<13.3	U H	56.7	13.3	ug/L		12/17/24 07:00	12/22/24 10:45	50
Fluoranthene	<4.38	U H	28.3	4.38	ug/L		12/17/24 07:00	12/22/24 10:45	50
Fluorene	<4.70	U H	28.3	4.70	ug/L		12/17/24 07:00	12/22/24 10:45	50
Hexachlorobenzene	<4.83	U H	28.3	4.83	ug/L		12/17/24 07:00	12/22/24 10:45	50
Hexachlorobutadiene	<5.09	U H	28.3	5.09	ug/L		12/17/24 07:00	12/22/24 10:45	50
Hexachlorocyclopentadiene	<2.54	U H *+	28.3	2.54	ug/L		12/17/24 07:00	12/22/24 10:45	50
Hexachloroethane	<5.05	U H	28.3	5.05	ug/L		12/17/24 07:00	12/22/24 10:45	50
Indeno[1,2,3-cd]pyrene	<4.96	U H	28.3	4.96	ug/L		12/17/24 07:00	12/22/24 10:45	50
Isophorone	<5.28	U H	28.3	5.28	ug/L		12/17/24 07:00	12/22/24 10:45	50
Naphthalene	<4.68	U H	28.3	4.68	ug/L		12/17/24 07:00	12/22/24 10:45	50
Nitrobenzene	<3.65	U H	28.3	3.65	ug/L		12/17/24 07:00	12/22/24 10:45	50
N-Nitrosodi-n-propylamine	<5.88	U H	28.3	5.88	ug/L		12/17/24 07:00	12/22/24 10:45	50
N-Nitrosodiphenylamine	<7.17	U H	28.3	7.17	ug/L		12/17/24 07:00	12/22/24 10:45	50
Pentachlorophenol	<51.5	U H	56.7	51.5	ug/L		12/17/24 07:00	12/22/24 10:45	50
Phenanthrene	<6.64	U H	28.3	6.64	ug/L		12/17/24 07:00	12/22/24 10:45	50
Phenol	<56.7	U H	56.7	56.7	ug/L		12/17/24 07:00	12/22/24 10:45	50
Pyrene	<4.21	U H	28.3	4.21	ug/L		12/17/24 07:00	12/22/24 10:45	50
Pyridine	<71.2	U H	142	71.2	ug/L		12/17/24 07:00	12/22/24 10:45	50
N-Nitro-o-toluidine	<25.8	U H	56.7	25.8	ug/L		12/17/24 07:00	12/22/24 10:45	50
2,3,4,6-Tetrachlorophenol	<10.4	U H	28.3	10.4	ug/L		12/17/24 07:00	12/22/24 10:45	50
Acetophenone	<30.9	U H	56.7	30.9	ug/L		12/17/24 07:00	12/22/24 10:45	50
N-Nitrosopiperidine	<23.2	U H	56.7	23.2	ug/L		12/17/24 07:00	12/22/24 10:45	50
Pentachlorobenzene	<13.2	U H	28.3	13.2	ug/L		12/17/24 07:00	12/22/24 10:45	50
Diphenyl ether	<4.51	U H	28.3	4.51	ug/L		12/17/24 07:00	12/22/24 10:45	50
1,1'-Biphenyl	<4.86	U H	28.3	4.86	ug/L		12/17/24 07:00	12/22/24 10:45	50
4-Aminobiphenyl	<19.5	U H	28.3	19.5	ug/L		12/17/24 07:00	12/22/24 10:45	50
1,2,4,5-Tetrachlorobenzene	<4.75	U H	28.3	4.75	ug/L		12/17/24 07:00	12/22/24 10:45	50
1,3,5-Trinitrobenzene	<5.89	U H	28.3	5.89	ug/L		12/17/24 07:00	12/22/24 10:45	50
1,3-Dinitrobenzene	<3.83	U H	28.3	3.83	ug/L		12/17/24 07:00	12/22/24 10:45	50
1,4-Naphthoquinone	<15.6	U H	28.3	15.6	ug/L		12/17/24 07:00	12/22/24 10:45	50
1-Naphthylamine	<7.37	U H *-	28.3	7.37	ug/L		12/17/24 07:00	12/22/24 10:45	50

Client Sample ID: MW-08
Date Collected: 11/14/24 07:48
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dichlorophenol	<5.86	U H	28.3	5.86	ug/L		12/17/24 07:00	12/22/24 10:45	50
2-Acetylaminofluorene	<62.7	U H *+	142	62.7	ug/L		12/17/24 07:00	12/22/24 10:45	50
2-Chlorophenol	<3.75	U H	28.3	3.75	ug/L		12/17/24 07:00	12/22/24 10:45	50
2-Naphthylamine	<14.3	U H	28.3	14.3	ug/L		12/17/24 07:00	12/22/24 10:45	50
2-Picoline	<6.08	U H	28.3	6.08	ug/L		12/17/24 07:00	12/22/24 10:45	50
2-Toluidine	<15.2	U H	28.3	15.2	ug/L		12/17/24 07:00	12/22/24 10:45	50
3,3'-Dichlorobenzidine	<9.08	U H	28.3	9.08	ug/L		12/17/24 07:00	12/22/24 10:45	50
3,3'-Dimethylbenzidine	<7.03	U H	28.3	7.03	ug/L		12/17/24 07:00	12/22/24 10:45	50
3-Methylcholanthrene	<5.17	U H	28.3	5.17	ug/L		12/17/24 07:00	12/22/24 10:45	50
4-Nitroquinoline-1-oxide	<36.2	U H	56.7	36.2	ug/L		12/17/24 07:00	12/22/24 10:45	50
7,12-Dimethylbenz(a)anthracene	<12.0	U H	28.3	12.0	ug/L		12/17/24 07:00	12/22/24 10:45	50
alpha,alpha-Dimethyl phenethylamine	<182	U H *-	283	182	ug/L		12/17/24 07:00	12/22/24 10:45	50
Aramite Peak 1	<3.89	U H	28.3	3.89	ug/L		12/17/24 07:00	12/22/24 10:45	50
Aramite Peak 2	<4.73	U H	28.3	4.73	ug/L		12/17/24 07:00	12/22/24 10:45	50
Aramite, Total	<4.73	U H	28.3	4.73	ug/L		12/17/24 07:00	12/22/24 10:45	50
Diallate	<4.14	U H	28.3	4.14	ug/L		12/17/24 07:00	12/22/24 10:45	50
Diallate Peak 1	<4.14	U H	28.3	4.14	ug/L		12/17/24 07:00	12/22/24 10:45	50
Diallate Peak 2	<1.91	U H	28.3	1.91	ug/L		12/17/24 07:00	12/22/24 10:45	50
Dimethoate	<6.03	U H *+	28.3	6.03	ug/L		12/17/24 07:00	12/22/24 10:45	50
Dinoseb	<28.2	U H *+	142	28.2	ug/L		12/17/24 07:00	12/22/24 10:45	50
Disulfoton	<10.0	U H	28.3	10.0	ug/L		12/17/24 07:00	12/22/24 10:45	50
Ethyl methanesulfonate	<11.2	U H	28.3	11.2	ug/L		12/17/24 07:00	12/22/24 10:45	50
Ethyl Parathion	<2.49	U H *+	11.3	2.49	ug/L		12/17/24 07:00	12/22/24 10:45	50
Famphur	<7.47	U H	56.7	7.47	ug/L		12/17/24 07:00	12/22/24 10:45	50
Hexachloropropene	<14.9	U H	28.3	14.9	ug/L		12/17/24 07:00	12/22/24 10:45	50
Isosafrole	<11.9	U H	28.3	11.9	ug/L		12/17/24 07:00	12/22/24 10:45	50
Isosafrole Peak 1	<2.30	U H	28.3	2.30	ug/L		12/17/24 07:00	12/22/24 10:45	50
Isosafrole Peak 2	<11.9	U H	28.3	11.9	ug/L		12/17/24 07:00	12/22/24 10:45	50
Methapyrilene	<49.6	U H *+	113	49.6	ug/L		12/17/24 07:00	12/22/24 10:45	50
Methyl methanesulfonate	<5.94	U H	28.3	5.94	ug/L		12/17/24 07:00	12/22/24 10:45	50
Methyl parathion	<15.8	U H	28.3	15.8	ug/L		12/17/24 07:00	12/22/24 10:45	50
N-Nitrosodiethylamine	<26.7	U H	56.7	26.7	ug/L		12/17/24 07:00	12/22/24 10:45	50
N-Nitrosodimethylamine	<4.96	U H *-	28.3	4.96	ug/L		12/17/24 07:00	12/22/24 10:45	50
N-Nitrosodi-n-butylamine	<25.6	U H	56.7	25.6	ug/L		12/17/24 07:00	12/22/24 10:45	50
N-Nitrosomethylethylamine	<14.6	U H	28.3	14.6	ug/L		12/17/24 07:00	12/22/24 10:45	50
N-Nitrosomorpholine	<10.9	U H	28.3	10.9	ug/L		12/17/24 07:00	12/22/24 10:45	50
N-Nitrosopyrrolidine	<13.3	U H *-	28.3	13.3	ug/L		12/17/24 07:00	12/22/24 10:45	50
o,o',o''-Triethylphosphorothioate	**591**	**H**	28.3	6.85	ug/L		12/17/24 07:00	12/22/24 10:45	50
p-Dimethylamino azobenzene	<1.18	U H	28.3	1.18	ug/L		12/17/24 07:00	12/22/24 10:45	50
Pentachloronitrobenzene	<4.96	U H	28.3	4.96	ug/L		12/17/24 07:00	12/22/24 10:45	50
Phenacetin	<4.96	U H	28.3	4.96	ug/L		12/17/24 07:00	12/22/24 10:45	50
Phorate	<11.0	U H	28.3	11.0	ug/L		12/17/24 07:00	12/22/24 10:45	50
p-Phenylene diamine	<24.8	U H *- *1	56.7	24.8	ug/L		12/17/24 07:00	12/22/24 10:45	50
Pronamide	<4.96	U H	28.3	4.96	ug/L		12/17/24 07:00	12/22/24 10:45	50
Safrole, Total	<2.83	U H	28.3	2.83	ug/L		12/17/24 07:00	12/22/24 10:45	50
Sulfotepp	<7.27	U H *+	28.3	7.27	ug/L		12/17/24 07:00	12/22/24 10:45	50
Thionazin	<10.3	U H	56.7	10.3	ug/L		12/17/24 07:00	12/22/24 10:45	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*154*	*I S1+*	*35 - 130*	*12/17/24 07:00*	*12/22/24 10:45*	*50*

Client Sample ID: MW-08
Lab Sample ID: 860-87137-5
Date Collected: 11/14/24 07:48
Matrix: Water
Date Received: 11/15/24 09:56

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*62*		*43 - 130*	*12/17/24 07:00*	*12/22/24 10:45*	*50*
2-Fluorophenol (Surr)	*73*		*19 - 120*	*12/17/24 07:00*	*12/22/24 10:45*	*50*
Nitrobenzene-d5 (Surr)	*89*		*37 - 133*	*12/17/24 07:00*	*12/22/24 10:45*	*50*
Phenol-d5 (Surr)	*64*		*8 - 124*	*12/17/24 07:00*	*12/22/24 10:45*	*50*
p-Terphenyl-d14	*84*		*47 - 130*	*12/17/24 07:00*	*12/22/24 10:45*	*50*

Client Sample ID: MW-13
Lab Sample ID: 860-87137-6
Date Collected: 11/14/24 08:44
Matrix: Water
Date Received: 11/15/24 09:56

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<12.9	U	20.0	12.9	ug/L			11/19/24 19:52	20
1,1,1-Trichloroethane	<11.7	U	100	11.7	ug/L			11/19/24 19:52	20
1,1,2,2-Tetrachloroethane	<9.40	U	20.0	9.40	ug/L			11/19/24 19:52	20
1,1,2-Trichloro-1,2,2-trifluoroethane	<22.2	U	200	22.2	ug/L			11/19/24 19:52	20
1,1,2-Trichloroethane	<8.22	U	20.0	8.22	ug/L			11/19/24 19:52	20
1,1-Dichloroethane	<12.7	U	20.0	12.7	ug/L			11/19/24 19:52	20
1,1-Dichloroethene	<14.8	U	20.0	14.8	ug/L			11/19/24 19:52	20
1,2,3-Trichloropropane	<9.40	U	20.0	9.40	ug/L			11/19/24 19:52	20
1,2,4-Trimethylbenzene	<8.34	U	20.0	8.34	ug/L			11/19/24 19:52	20
1,2-Dibromo-3-Chloropropane	<13.4	U	100	13.4	ug/L			11/19/24 19:52	20
1,2-Dibromoethane	<20.0	U	100	20.0	ug/L			11/19/24 19:52	20
1,2-Dichloroethane	<7.44	U	20.0	7.44	ug/L			11/19/24 19:52	20
1,2-Dichloropropane	<11.1	U	100	11.1	ug/L			11/19/24 19:52	20
1,3,5-Trimethylbenzene	<8.22	U	20.0	8.22	ug/L			11/19/24 19:52	20
1,3-Butadiene	<11.4	U	20.0	11.4	ug/L			11/19/24 19:52	20
2,2,4-Trimethylpentane	<10.0	U	100	10.0	ug/L			11/19/24 19:52	20
2-Butanone (MEK)	<166	U	1000	166	ug/L			11/19/24 19:52	20
2-Hexanone (MBK)	<100	U	1000	100	ug/L			11/19/24 19:52	20
2-Propanol	<105	U	200	105	ug/L			11/19/24 19:52	20
3-Chloropropene (Allyl Chloride)	<11.9	U	100	11.9	ug/L			11/19/24 19:52	20
4-Methyl-2-pentanone	<100	U	1000	100	ug/L			11/19/24 19:52	20
Acetone	<61.3	U	2000	61.3	ug/L			11/19/24 19:52	20
Acetonitrile	<292	U	2000	292	ug/L			11/19/24 19:52	20
Acrolein	<222	U	1000	222	ug/L			11/19/24 19:52	20
Acrylonitrile	<286	U	1000	286	ug/L			11/19/24 19:52	20
alpha-Chlorotoluene	<45.1	U	100	45.1	ug/L			11/19/24 19:52	20
Benzene	**327**		20.0	9.19	ug/L			11/19/24 19:52	20
Bromodichloromethane	<11.0	U	20.0	11.0	ug/L			11/19/24 19:52	20
Bromoform	<12.7	U	100	12.7	ug/L			11/19/24 19:52	20
Bromomethane	<28.4	U	100	28.4	ug/L			11/19/24 19:52	20
Carbon disulfide	<33.0	U	100	33.0	ug/L			11/19/24 19:52	20
Carbon tetrachloride	**1030**		100	17.9	ug/L			11/19/24 19:52	20
Chlorobenzene	**25.0**		20.0	9.10	ug/L			11/19/24 19:52	20
Chlorodibromomethane	<10.9	U	100	10.9	ug/L			11/19/24 19:52	20
Chloroethane	<39.7	U	200	39.7	ug/L			11/19/24 19:52	20
Chloroform	**288**		20.0	9.28	ug/L			11/19/24 19:52	20
Chloromethane	<40.7	U	200	40.7	ug/L			11/19/24 19:52	20

Client Sample ID: MW-13
Date Collected: 11/14/24 08:44
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroprene	<12.0	U	100	12.0	ug/L			11/19/24 19:52	20
cis-1,2-Dichloroethene	<9.14	U	20.0	9.14	ug/L			11/19/24 19:52	20
cis-1,3-Dichloropropene	<21.3	U	100	21.3	ug/L			11/19/24 19:52	20
Cumene (isopropylbenzene)	<11.8	U	20.0	11.8	ug/L			11/19/24 19:52	20
Cyclohexane	<25.7	U	100	25.7	ug/L			11/19/24 19:52	20
Dibromomethane	<7.14	U	20.0	7.14	ug/L			11/19/24 19:52	20
Dichlorodifluoromethane	<15.7	U	20.0	15.7	ug/L			11/19/24 19:52	20
Ethyl methacrylate	<22.4	U	100	22.4	ug/L			11/19/24 19:52	20
Ethylbenzene	<7.70	U	20.0	7.70	ug/L			11/19/24 19:52	20
Hexane	<10.3	U	100	10.3	ug/L			11/19/24 19:52	20
Iodomethane	<100	U *+	400	100	ug/L			11/19/24 19:52	20
Isobutanol	<342	U	1000	342	ug/L			11/19/24 19:52	20
Methacrylonitrile	<54.3	U	200	54.3	ug/L			11/19/24 19:52	20
Methyl methacrylate	<45.0	U	200	45.0	ug/L			11/19/24 19:52	20
Methyl tert-butyl ether	<27.8	U	100	27.8	ug/L			11/19/24 19:52	20
Methylene Chloride	<34.5	U	100	34.5	ug/L			11/19/24 19:52	20
Propionitrile	<66.8	U	200	66.8	ug/L			11/19/24 19:52	20
Propylbenzene	<8.58	U	20.0	8.58	ug/L			11/19/24 19:52	20
Styrene	<12.4	U	20.0	12.4	ug/L			11/19/24 19:52	20
Tetrachloroethene	<13.1	U	20.0	13.1	ug/L			11/19/24 19:52	20
Tetrahydrofuran	<36.7	U	200	36.7	ug/L			11/19/24 19:52	20
Toluene	<9.50	U	20.0	9.50	ug/L			11/19/24 19:52	20
trans-1,2-Dichloroethene	<7.36	U	20.0	7.36	ug/L			11/19/24 19:52	20
trans-1,3-Dichloropropene	<25.3	U	100	25.3	ug/L			11/19/24 19:52	20
trans-1,4-Dichloro-2-butene	<27.0	U	200	27.0	ug/L			11/19/24 19:52	20
Trichloroethene	<30.0	U	100	30.0	ug/L			11/19/24 19:52	20
Trichlorofluoromethane	<11.2	U	20.0	11.2	ug/L			11/19/24 19:52	20
Vinyl acetate	<42.8	U	400	42.8	ug/L			11/19/24 19:52	20
Vinyl chloride	<8.56	U	40.0	8.56	ug/L			11/19/24 19:52	20
Xylenes, Total	<24.8	U	200	24.8	ug/L			11/19/24 19:52	20
m,p-Xylenes	<0.0248	U	0.200	0.0248	mg/L			11/19/24 19:52	20
o-Xylene	<0.0100	U	0.0200	0.0100	mg/L			11/19/24 19:52	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*11/19/24 19:52*	*20*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*11/19/24 19:52*	*20*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*11/19/24 19:52*	*20*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/19/24 19:52*	*20*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	**0.0957**	**J**	0.571	0.0765	ug/L		11/19/24 05:14	12/14/24 09:10	1
1,2-Dichlorobenzene	**0.930**		0.571	0.0939	ug/L		11/19/24 05:14	12/14/24 09:10	1
1,3-Dichlorobenzene	**0.118**	**J**	0.571	0.102	ug/L		11/19/24 05:14	12/14/24 09:10	1
1,4-Dichlorobenzene	**1.16**		0.571	0.0778	ug/L		11/19/24 05:14	12/14/24 09:10	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.85	1.43	ug/L		11/19/24 05:14	12/14/24 09:10	1
2,4,5-Trichlorophenol	<0.143	U *+	0.571	0.143	ug/L		11/19/24 05:14	12/14/24 09:10	1
2,4,6-Trichlorophenol	<0.230	U *+	0.571	0.230	ug/L		11/19/24 05:14	12/14/24 09:10	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/19/24 05:14	12/14/24 09:10	1
2,4-Dimethylphenol	<0.192	U *+	0.571	0.192	ug/L		11/19/24 05:14	12/14/24 09:10	1

Client Sample ID: MW-13
Date Collected: 11/14/24 08:44
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	<0.104	U	2.85	0.104	ug/L		11/19/24 05:14	12/14/24 09:10	1
2,4-Dinitrotoluene	<0.204	U	0.571	0.204	ug/L		11/19/24 05:14	12/14/24 09:10	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/19/24 05:14	12/14/24 09:10	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/19/24 05:14	12/14/24 09:10	1
2-Methylnaphthalene	<0.0602	U	0.571	0.0602	ug/L		11/19/24 05:14	12/14/24 09:10	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/19/24 05:14	12/14/24 09:10	1
2-Nitroaniline	<0.149	U *+	0.571	0.149	ug/L		11/19/24 05:14	12/14/24 09:10	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/19/24 05:14	12/14/24 09:10	1
3 & 4 Methylphenol	**0.754**		0.571	0.139	ug/L		11/19/24 05:14	12/14/24 09:10	1
3-Nitroaniline	<0.0851	U	0.571	0.0851	ug/L		11/19/24 05:14	12/14/24 09:10	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/19/24 05:14	12/14/24 09:10	1
4-Bromophenyl phenyl ether	<0.100	U *+	0.571	0.100	ug/L		11/19/24 05:14	12/14/24 09:10	1
4-Chloro-3-methylphenol	<0.103	U	0.571	0.103	ug/L		11/19/24 05:14	12/14/24 09:10	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/19/24 05:14	12/14/24 09:10	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/19/24 05:14	12/14/24 09:10	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/19/24 05:14	12/14/24 09:10	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/19/24 05:14	12/14/24 09:10	1
Acenaphthylene	<0.0995	U	0.571	0.0995	ug/L		11/19/24 05:14	12/14/24 09:10	1
Aniline	<0.0579	U	0.571	0.0579	ug/L		11/19/24 05:14	12/14/24 09:10	1
Anthracene	<0.0937	U	0.571	0.0937	ug/L		11/19/24 05:14	12/14/24 09:10	1
Benzo[a]anthracene	<0.0285	U *+	0.0285	0.0285	ug/L		11/19/24 05:14	12/14/24 09:10	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/19/24 05:14	12/14/24 09:10	1
Benzo[b]fluoranthene	<0.0663	U *+	0.571	0.0663	ug/L		11/19/24 05:14	12/14/24 09:10	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/19/24 05:14	12/14/24 09:10	1
Benzo[k]fluoranthene	<0.0472	U	0.571	0.0472	ug/L		11/19/24 05:14	12/14/24 09:10	1
Benzyl alcohol	**0.813**	**J**	1.14	0.599	ug/L		11/19/24 05:14	12/14/24 09:10	1
Bis(2-chloroethoxy)methane	<0.0973	U	0.571	0.0973	ug/L		11/19/24 05:14	12/14/24 09:10	1
Bis(2-chloroethyl)ether	<0.214	U *+	0.571	0.214	ug/L		11/19/24 05:14	12/14/24 09:10	1
Bis(2-ethylhexyl) phthalate	<0.899	U	1.14	0.899	ug/L		11/19/24 05:14	12/14/24 09:10	1
Butyl benzyl phthalate	<0.499	U	1.14	0.499	ug/L		11/19/24 05:14	12/14/24 09:10	1
Chrysene	<0.0814	U *+	0.571	0.0814	ug/L		11/19/24 05:14	12/14/24 09:10	1
Dibenz(a,h)anthracene	<0.0508	U	0.114	0.0508	ug/L		11/19/24 05:14	12/14/24 09:10	1
Dibenzofuran	<0.106	U *+	0.571	0.106	ug/L		11/19/24 05:14	12/14/24 09:10	1
Diethyl phthalate	**0.186**	**J I**	1.14	0.154	ug/L		11/19/24 05:14	12/14/24 09:10	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/19/24 05:14	12/14/24 09:10	1
Di-n-butyl phthalate	<0.764	U	1.14	0.764	ug/L		11/19/24 05:14	12/14/24 09:10	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/19/24 05:14	12/14/24 09:10	1
Fluoranthene	<0.0882	U	0.571	0.0882	ug/L		11/19/24 05:14	12/14/24 09:10	1
Fluorene	<0.0947	U	0.571	0.0947	ug/L		11/19/24 05:14	12/14/24 09:10	1
Hexachlorobenzene	<0.0973	U	0.571	0.0973	ug/L		11/19/24 05:14	12/14/24 09:10	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/19/24 05:14	12/14/24 09:10	1
Hexachlorocyclopentadiene	<0.0511	U *+	0.571	0.0511	ug/L		11/19/24 05:14	12/14/24 09:10	1
Hexachloroethane	**0.134**	**J**	0.571	0.102	ug/L		11/19/24 05:14	12/14/24 09:10	1
Indeno[1,2,3-cd]pyrene	<0.0999	U	0.571	0.0999	ug/L		11/19/24 05:14	12/14/24 09:10	1
Isophorone	<0.106	U	0.571	0.106	ug/L		11/19/24 05:14	12/14/24 09:10	1
Naphthalene	<0.0943	U	0.571	0.0943	ug/L		11/19/24 05:14	12/14/24 09:10	1
Nitrobenzene	<0.0735	U	0.571	0.0735	ug/L		11/19/24 05:14	12/14/24 09:10	1
N-Nitrosodi-n-propylamine	<0.118	U	0.571	0.118	ug/L		11/19/24 05:14	12/14/24 09:10	1
N-Nitrosodiphenylamine	<0.144	U *+	0.571	0.144	ug/L		11/19/24 05:14	12/14/24 09:10	1

Client Sample ID: MW-13
Date Collected: 11/14/24 08:44
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/19/24 05:14	12/14/24 09:10	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/19/24 05:14	12/14/24 09:10	1
Phenol	**1.91**	**I**	1.14	1.14	ug/L		11/19/24 05:14	12/14/24 09:10	1
Pyrene	<0.0847	U	0.571	0.0847	ug/L		11/19/24 05:14	12/14/24 09:10	1
Pyridine	<1.44	U	2.85	1.44	ug/L		11/19/24 05:14	12/14/24 09:10	1
N-Nitro-o-toluidine	<0.519	U	1.14	0.519	ug/L		11/19/24 05:14	12/14/24 09:10	1
2,3,4,6-Tetrachlorophenol	<0.210	U	0.571	0.210	ug/L		11/19/24 05:14	12/14/24 09:10	1
Acetophenone	<0.623	U *+	1.14	0.623	ug/L		11/19/24 05:14	12/14/24 09:10	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/19/24 05:14	12/14/24 09:10	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/19/24 05:14	12/14/24 09:10	1
Diphenyl ether	**0.208**	**J**	0.571	0.0909	ug/L		11/19/24 05:14	12/14/24 09:10	1
1,1'-Biphenyl	<0.0980	U	0.571	0.0980	ug/L		11/19/24 05:14	12/14/24 09:10	1
4-Aminobiphenyl	<0.393	U	0.571	0.393	ug/L		11/19/24 05:14	12/14/24 09:10	1
1,2,4,5-Tetrachlorobenzene	<0.0956	U	0.571	0.0956	ug/L		11/19/24 05:14	12/14/24 09:10	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/19/24 05:14	12/14/24 09:10	1
1,3-Dinitrobenzene	<0.0772	U	0.571	0.0772	ug/L		11/19/24 05:14	12/14/24 09:10	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/19/24 05:14	12/14/24 09:10	1
1-Naphthylamine	<0.148	U	0.571	0.148	ug/L		11/19/24 05:14	12/14/24 09:10	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/19/24 05:14	12/14/24 09:10	1
2-Acetylaminofluorene	<1.26	U *+	2.85	1.26	ug/L		11/19/24 05:14	12/14/24 09:10	1
2-Chlorophenol	<0.0755	U *+	0.571	0.0755	ug/L		11/19/24 05:14	12/14/24 09:10	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/19/24 05:14	12/14/24 09:10	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/19/24 05:14	12/14/24 09:10	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/19/24 05:14	12/14/24 09:10	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/19/24 05:14	12/14/24 09:10	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/19/24 05:14	12/14/24 09:10	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/19/24 05:14	12/14/24 09:10	1
4-Nitroquinoline-1-oxide	<0.729	U	1.14	0.729	ug/L		11/19/24 05:14	12/14/24 09:10	1
7,12-Dimethylbenz(a)anthracene	<0.241	U *+	0.571	0.241	ug/L		11/19/24 05:14	12/14/24 09:10	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U *-	5.71	3.67	ug/L		11/19/24 05:14	12/14/24 09:10	1
Aramite Peak 1	<0.0784	U *+	0.571	0.0784	ug/L		11/19/24 05:14	12/14/24 09:10	1
Aramite Peak 2	<0.0952	U *+	0.571	0.0952	ug/L		11/19/24 05:14	12/14/24 09:10	1
Aramite, Total	<0.0952	U	0.571	0.0952	ug/L		11/19/24 05:14	12/14/24 09:10	1
Diallate	<0.0834	U	0.571	0.0834	ug/L		11/19/24 05:14	12/14/24 09:10	1
Diallate Peak 1	<0.0834	U	0.571	0.0834	ug/L		11/19/24 05:14	12/14/24 09:10	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/19/24 05:14	12/14/24 09:10	1
Dimethoate	<0.121	U *+	0.571	0.121	ug/L		11/19/24 05:14	12/14/24 09:10	1
Dinoseb	<0.569	U *+	2.85	0.569	ug/L		11/19/24 05:14	12/14/24 09:10	1
Disulfoton	<0.202	U *+	0.571	0.202	ug/L		11/19/24 05:14	12/14/24 09:10	1
Ethyl methanesulfonate	<0.226	U	0.571	0.226	ug/L		11/19/24 05:14	12/14/24 09:10	1
Ethyl Parathion	<0.0501	U *+	0.228	0.0501	ug/L		11/19/24 05:14	12/14/24 09:10	1
Famphur	<0.151	U *+	1.14	0.151	ug/L		11/19/24 05:14	12/14/24 09:10	1
Hexachloropropene	<0.299	U	0.571	0.299	ug/L		11/19/24 05:14	12/14/24 09:10	1
Isosafrole	<0.240	U	0.571	0.240	ug/L		11/19/24 05:14	12/14/24 09:10	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/19/24 05:14	12/14/24 09:10	1
Isosafrole Peak 2	<0.240	U	0.571	0.240	ug/L		11/19/24 05:14	12/14/24 09:10	1
Methapyrilene	<0.998	U *+	2.28	0.998	ug/L		11/19/24 05:14	12/14/24 09:10	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/19/24 05:14	12/14/24 09:10	1
Methyl parathion	<0.319	U *+	0.571	0.319	ug/L		11/19/24 05:14	12/14/24 09:10	1

Client Sample ID: MW-13

Date Collected: 11/14/24 08:44
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-6

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/19/24 05:14	12/14/24 09:10	1
N-Nitrosodimethylamine	<0.0999	U *-	0.571	0.0999	ug/L		11/19/24 05:14	12/14/24 09:10	1
N-Nitrosodi-n-butylamine	<0.515	U	1.14	0.515	ug/L		11/19/24 05:14	12/14/24 09:10	1
N-Nitrosomethylethylamine	<0.293	U	0.571	0.293	ug/L		11/19/24 05:14	12/14/24 09:10	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/19/24 05:14	12/14/24 09:10	1
N-Nitrosopyrrolidine	<0.267	U	0.571	0.267	ug/L		11/19/24 05:14	12/14/24 09:10	1
p-Dimethylamino azobenzene	<0.0237	U	0.571	0.0237	ug/L		11/19/24 05:14	12/14/24 09:10	1
Pentachloronitrobenzene	<0.0999	U	0.571	0.0999	ug/L		11/19/24 05:14	12/14/24 09:10	1
Phenacetin	<0.0999	U *+	0.571	0.0999	ug/L		11/19/24 05:14	12/14/24 09:10	1
Phorate	<0.221	U *+	0.571	0.221	ug/L		11/19/24 05:14	12/14/24 09:10	1
p-Phenylene diamine	<0.499	U *-	1.14	0.499	ug/L		11/19/24 05:14	12/14/24 09:10	1
Pronamide	<0.0999	U *+	0.571	0.0999	ug/L		11/19/24 05:14	12/14/24 09:10	1
Safrole, Total	<0.0570	U	0.571	0.0570	ug/L		11/19/24 05:14	12/14/24 09:10	1
Sulfotepp	<0.146	U *+	0.571	0.146	ug/L		11/19/24 05:14	12/14/24 09:10	1
Thionazin	<0.208	U *+	1.14	0.208	ug/L		11/19/24 05:14	12/14/24 09:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*149*	*S1+*	*35 - 130*	*11/19/24 05:14*	*12/14/24 09:10*	*1*
2-Fluorobiphenyl	*104*		*43 - 130*	*11/19/24 05:14*	*12/14/24 09:10*	*1*
2-Fluorophenol (Surr)	*106*		*19 - 120*	*11/19/24 05:14*	*12/14/24 09:10*	*1*
Nitrobenzene-d5 (Surr)	*122*		*37 - 133*	*11/19/24 05:14*	*12/14/24 09:10*	*1*
Phenol-d5 (Surr)	*68*		*8 - 124*	*11/19/24 05:14*	*12/14/24 09:10*	*1*
p-Terphenyl-d14	*145*	*S1+*	*47 - 130*	*11/19/24 05:14*	*12/14/24 09:10*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**123**		28.5	4.44	ug/L		11/19/24 05:14	12/22/24 08:15	50
o,o',o''-Triethylphosphorothioate	**66.7**		28.5	6.90	ug/L		11/19/24 05:14	12/22/24 08:15	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*176*	*S1+*	*35 - 130*	*11/19/24 05:14*	*12/22/24 08:15*	*50*
2-Fluorobiphenyl	*69*		*43 - 130*	*11/19/24 05:14*	*12/22/24 08:15*	*50*
2-Fluorophenol (Surr)	*70*		*19 - 120*	*11/19/24 05:14*	*12/22/24 08:15*	*50*
Nitrobenzene-d5 (Surr)	*71*		*37 - 133*	*11/19/24 05:14*	*12/22/24 08:15*	*50*
Phenol-d5 (Surr)	*52*		*8 - 124*	*11/19/24 05:14*	*12/22/24 08:15*	*50*
p-Terphenyl-d14	*89*		*47 - 130*	*11/19/24 05:14*	*12/22/24 08:15*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<3.84	U H	28.7	3.84	ug/L		12/17/24 07:00	12/22/24 11:15	50
1,2-Dichlorobenzene	<4.72	U H	28.7	4.72	ug/L		12/17/24 07:00	12/22/24 11:15	50
1,3-Dichlorobenzene	<5.10	U H	28.7	5.10	ug/L		12/17/24 07:00	12/22/24 11:15	50
1,4-Dichlorobenzene	<3.91	U H	28.7	3.91	ug/L		12/17/24 07:00	12/22/24 11:15	50
2,2'-oxybis[1-chloropropane]	<71.6	U H	143	71.6	ug/L		12/17/24 07:00	12/22/24 11:15	50
2,4,5-Trichlorophenol	<7.18	U H	28.7	7.18	ug/L		12/17/24 07:00	12/22/24 11:15	50
2,4,6-Trichlorophenol	<11.6	U H	28.7	11.6	ug/L		12/17/24 07:00	12/22/24 11:15	50
2,4-Dichlorophenol	<7.02	U H	28.7	7.02	ug/L		12/17/24 07:00	12/22/24 11:15	50
2,4-Dimethylphenol	<9.64	U H *+	28.7	9.64	ug/L		12/17/24 07:00	12/22/24 11:15	50
1,4-Dioxane	**144**	**H *-**	28.7	4.46	ug/L		12/17/24 07:00	12/22/24 11:15	50
2,4-Dinitrophenol	<5.22	U H	143	5.22	ug/L		12/17/24 07:00	12/22/24 11:15	50

Client Sample ID: MW-13
Date Collected: 11/14/24 08:44
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	<10.3	U H	28.7	10.3	ug/L		12/17/24 07:00	12/22/24 11:15	50
2,6-Dinitrotoluene	<5.83	U H	28.7	5.83	ug/L		12/17/24 07:00	12/22/24 11:15	50
2-Chloronaphthalene	<19.0	U H	28.7	19.0	ug/L		12/17/24 07:00	12/22/24 11:15	50
2-Methylnaphthalene	<3.02	U H	28.7	3.02	ug/L		12/17/24 07:00	12/22/24 11:15	50
2-Methylphenol	<5.25	U H	28.7	5.25	ug/L		12/17/24 07:00	12/22/24 11:15	50
2-Nitroaniline	<7.47	U H	28.7	7.47	ug/L		12/17/24 07:00	12/22/24 11:15	50
2-Nitrophenol	<6.82	U H	28.7	6.82	ug/L		12/17/24 07:00	12/22/24 11:15	50
3 & 4 Methylphenol	<6.96	U H	28.7	6.96	ug/L		12/17/24 07:00	12/22/24 11:15	50
3-Nitroaniline	<4.27	U H	28.7	4.27	ug/L		12/17/24 07:00	12/22/24 11:15	50
4,6-Dinitro-2-methylphenol	<10.1	U H	57.3	10.1	ug/L		12/17/24 07:00	12/22/24 11:15	50
4-Bromophenyl phenyl ether	<5.03	U H	28.7	5.03	ug/L		12/17/24 07:00	12/22/24 11:15	50
4-Chloro-3-methylphenol	<5.20	U H	28.7	5.20	ug/L		12/17/24 07:00	12/22/24 11:15	50
4-Chloroaniline	<1.93	U H	28.7	1.93	ug/L		12/17/24 07:00	12/22/24 11:15	50
4-Chlorophenyl phenyl ether	<6.54	U H	28.7	6.54	ug/L		12/17/24 07:00	12/22/24 11:15	50
4-Nitroaniline	<5.45	U H	28.7	5.45	ug/L		12/17/24 07:00	12/22/24 11:15	50
Acenaphthene	<5.39	U H	28.7	5.39	ug/L		12/17/24 07:00	12/22/24 11:15	50
Acenaphthylene	<5.00	U H	28.7	5.00	ug/L		12/17/24 07:00	12/22/24 11:15	50
Aniline	<2.91	U H	28.7	2.91	ug/L		12/17/24 07:00	12/22/24 11:15	50
Anthracene	<4.70	U H	28.7	4.70	ug/L		12/17/24 07:00	12/22/24 11:15	50
Benzo[a]anthracene	<1.43	U H	1.43	1.43	ug/L		12/17/24 07:00	12/22/24 11:15	50
Benzo[a]pyrene	<1.50	U H	2.87	1.50	ug/L		12/17/24 07:00	12/22/24 11:15	50
Benzo[b]fluoranthene	<3.33	U H	28.7	3.33	ug/L		12/17/24 07:00	12/22/24 11:15	50
Benzo[g,h,i]perylene	<1.73	U H	28.7	1.73	ug/L		12/17/24 07:00	12/22/24 11:15	50
Benzo[k]fluoranthene	<2.37	U H	28.7	2.37	ug/L		12/17/24 07:00	12/22/24 11:15	50
Benzyl alcohol	<30.1	U H *-	57.3	30.1	ug/L		12/17/24 07:00	12/22/24 11:15	50
Bis(2-chloroethoxy)methane	**6.82**	**J H I**	28.7	4.89	ug/L		12/17/24 07:00	12/22/24 11:15	50
Bis(2-chloroethyl)ether	<10.7	U H	28.7	10.7	ug/L		12/17/24 07:00	12/22/24 11:15	50
Bis(2-ethylhexyl) phthalate	<45.1	U H	57.3	45.1	ug/L		12/17/24 07:00	12/22/24 11:15	50
Butyl benzyl phthalate	<25.1	U H	57.3	25.1	ug/L		12/17/24 07:00	12/22/24 11:15	50
Chrysene	<4.09	U H	28.7	4.09	ug/L		12/17/24 07:00	12/22/24 11:15	50
Dibenz(a,h)anthracene	<2.55	U H	5.73	2.55	ug/L		12/17/24 07:00	12/22/24 11:15	50
Dibenzofuran	<5.34	U H	28.7	5.34	ug/L		12/17/24 07:00	12/22/24 11:15	50
Diethyl phthalate	<7.76	U H	57.3	7.76	ug/L		12/17/24 07:00	12/22/24 11:15	50
Dimethyl phthalate	<5.43	U H	57.3	5.43	ug/L		12/17/24 07:00	12/22/24 11:15	50
Di-n-butyl phthalate	<38.4	U H	57.3	38.4	ug/L		12/17/24 07:00	12/22/24 11:15	50
Di-n-octyl phthalate	<13.5	U H	57.3	13.5	ug/L		12/17/24 07:00	12/22/24 11:15	50
Fluoranthene	<4.43	U H	28.7	4.43	ug/L		12/17/24 07:00	12/22/24 11:15	50
Fluorene	<4.75	U H	28.7	4.75	ug/L		12/17/24 07:00	12/22/24 11:15	50
Hexachlorobenzene	<4.89	U H	28.7	4.89	ug/L		12/17/24 07:00	12/22/24 11:15	50
Hexachlorobutadiene	<5.15	U H	28.7	5.15	ug/L		12/17/24 07:00	12/22/24 11:15	50
Hexachlorocyclopentadiene	<2.57	U H *+	28.7	2.57	ug/L		12/17/24 07:00	12/22/24 11:15	50
Hexachloroethane	<5.11	U H	28.7	5.11	ug/L		12/17/24 07:00	12/22/24 11:15	50
Indeno[1,2,3-cd]pyrene	<5.01	U H	28.7	5.01	ug/L		12/17/24 07:00	12/22/24 11:15	50
Isophorone	<5.34	U H	28.7	5.34	ug/L		12/17/24 07:00	12/22/24 11:15	50
Naphthalene	<4.74	U H	28.7	4.74	ug/L		12/17/24 07:00	12/22/24 11:15	50
Nitrobenzene	<3.69	U H	28.7	3.69	ug/L		12/17/24 07:00	12/22/24 11:15	50
N-Nitrosodi-n-propylamine	<5.95	U H	28.7	5.95	ug/L		12/17/24 07:00	12/22/24 11:15	50
N-Nitrosodiphenylamine	<7.25	U H	28.7	7.25	ug/L		12/17/24 07:00	12/22/24 11:15	50
Pentachlorophenol	<52.1	U H	57.3	52.1	ug/L		12/17/24 07:00	12/22/24 11:15	50

Client Sample ID: MW-13
Lab Sample ID: 860-87137-6
Date Collected: 11/14/24 08:44
Matrix: Water
Date Received: 11/15/24 09:56

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<6.72	U H	28.7	6.72	ug/L		12/17/24 07:00	12/22/24 11:15	50
Phenol	<57.3	U H	57.3	57.3	ug/L		12/17/24 07:00	12/22/24 11:15	50
Pyrene	<4.26	U H	28.7	4.26	ug/L		12/17/24 07:00	12/22/24 11:15	50
Pyridine	<72.1	U H	143	72.1	ug/L		12/17/24 07:00	12/22/24 11:15	50
N-Nitro-o-toluidine	<26.1	U H	57.3	26.1	ug/L		12/17/24 07:00	12/22/24 11:15	50
2,3,4,6-Tetrachlorophenol	<10.6	U H	28.7	10.6	ug/L		12/17/24 07:00	12/22/24 11:15	50
Acetophenone	<31.3	U H	57.3	31.3	ug/L		12/17/24 07:00	12/22/24 11:15	50
N-Nitrosopiperidine	<23.4	U H	57.3	23.4	ug/L		12/17/24 07:00	12/22/24 11:15	50
Pentachlorobenzene	<13.3	U H	28.7	13.3	ug/L		12/17/24 07:00	12/22/24 11:15	50
Diphenyl ether	<4.56	U H	28.7	4.56	ug/L		12/17/24 07:00	12/22/24 11:15	50
1,1'-Biphenyl	<4.92	U H	28.7	4.92	ug/L		12/17/24 07:00	12/22/24 11:15	50
4-Aminobiphenyl	<19.8	U H	28.7	19.8	ug/L		12/17/24 07:00	12/22/24 11:15	50
1,2,4,5-Tetrachlorobenzene	<4.80	U H	28.7	4.80	ug/L		12/17/24 07:00	12/22/24 11:15	50
1,3,5-Trinitrobenzene	<5.95	U H	28.7	5.95	ug/L		12/17/24 07:00	12/22/24 11:15	50
1,3-Dinitrobenzene	<3.88	U H	28.7	3.88	ug/L		12/17/24 07:00	12/22/24 11:15	50
1,4-Naphthoquinone	<15.8	U H	28.7	15.8	ug/L		12/17/24 07:00	12/22/24 11:15	50
1-Naphthylamine	<7.45	U H *-	28.7	7.45	ug/L		12/17/24 07:00	12/22/24 11:15	50
2,6-Dichlorophenol	<5.93	U H	28.7	5.93	ug/L		12/17/24 07:00	12/22/24 11:15	50
2-Acetylaminofluorene	<63.4	U H *+	143	63.4	ug/L		12/17/24 07:00	12/22/24 11:15	50
2-Chlorophenol	<3.79	U H	28.7	3.79	ug/L		12/17/24 07:00	12/22/24 11:15	50
2-Naphthylamine	<14.4	U H	28.7	14.4	ug/L		12/17/24 07:00	12/22/24 11:15	50
2-Picoline	<6.15	U H	28.7	6.15	ug/L		12/17/24 07:00	12/22/24 11:15	50
2-Toluidine	<15.3	U H	28.7	15.3	ug/L		12/17/24 07:00	12/22/24 11:15	50
3,3'-Dichlorobenzidine	<9.18	U H	28.7	9.18	ug/L		12/17/24 07:00	12/22/24 11:15	50
3,3'-Dimethylbenzidine	<7.11	U H	28.7	7.11	ug/L		12/17/24 07:00	12/22/24 11:15	50
3-Methylcholanthrene	<5.23	U H	28.7	5.23	ug/L		12/17/24 07:00	12/22/24 11:15	50
4-Nitroquinoline-1-oxide	<36.6	U H	57.3	36.6	ug/L		12/17/24 07:00	12/22/24 11:15	50
7,12-Dimethylbenz(a)anthracene	<12.1	U H	28.7	12.1	ug/L		12/17/24 07:00	12/22/24 11:15	50
alpha,alpha-Dimethyl phenethylamine	<184	U H *-	287	184	ug/L		12/17/24 07:00	12/22/24 11:15	50
Aramite Peak 1	<3.94	U H	28.7	3.94	ug/L		12/17/24 07:00	12/22/24 11:15	50
Aramite Peak 2	<4.78	U H	28.7	4.78	ug/L		12/17/24 07:00	12/22/24 11:15	50
Aramite, Total	<4.78	U H	28.7	4.78	ug/L		12/17/24 07:00	12/22/24 11:15	50
Diallate	<4.19	U H	28.7	4.19	ug/L		12/17/24 07:00	12/22/24 11:15	50
Diallate Peak 1	<4.19	U H	28.7	4.19	ug/L		12/17/24 07:00	12/22/24 11:15	50
Diallate Peak 2	<1.93	U H	28.7	1.93	ug/L		12/17/24 07:00	12/22/24 11:15	50
Dimethoate	<6.09	U H *+	28.7	6.09	ug/L		12/17/24 07:00	12/22/24 11:15	50
Dinoseb	<28.6	U H *+	143	28.6	ug/L		12/17/24 07:00	12/22/24 11:15	50
Disulfoton	<10.2	U H	28.7	10.2	ug/L		12/17/24 07:00	12/22/24 11:15	50
Ethyl methanesulfonate	<11.4	U H	28.7	11.4	ug/L		12/17/24 07:00	12/22/24 11:15	50
Ethyl Parathion	<2.52	U H *+	11.5	2.52	ug/L		12/17/24 07:00	12/22/24 11:15	50
Famphur	<7.56	U H	57.3	7.56	ug/L		12/17/24 07:00	12/22/24 11:15	50
Hexachloropropene	<15.0	U H	28.7	15.0	ug/L		12/17/24 07:00	12/22/24 11:15	50
Isosafrole	<12.1	U H	28.7	12.1	ug/L		12/17/24 07:00	12/22/24 11:15	50
Isosafrole Peak 1	<2.32	U H	28.7	2.32	ug/L		12/17/24 07:00	12/22/24 11:15	50
Isosafrole Peak 2	<12.1	U H	28.7	12.1	ug/L		12/17/24 07:00	12/22/24 11:15	50
Methapyrilene	<50.1	U H *+	115	50.1	ug/L		12/17/24 07:00	12/22/24 11:15	50
Methyl methanesulfonate	<6.01	U H	28.7	6.01	ug/L		12/17/24 07:00	12/22/24 11:15	50
Methyl parathion	<16.0	U H	28.7	16.0	ug/L		12/17/24 07:00	12/22/24 11:15	50
N-Nitrosodiethylamine	<27.0	U H	57.3	27.0	ug/L		12/17/24 07:00	12/22/24 11:15	50

Client Sample ID: MW-13

Date Collected: 11/14/24 08:44
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodimethylamine	<5.01	U H *-	28.7	5.01	ug/L		12/17/24 07:00	12/22/24 11:15	50
N-Nitrosodi-n-butylamine	<25.9	U H	57.3	25.9	ug/L		12/17/24 07:00	12/22/24 11:15	50
N-Nitrosomethylethylamine	<14.7	U H	28.7	14.7	ug/L		12/17/24 07:00	12/22/24 11:15	50
N-Nitrosomorpholine	<11.0	U H	28.7	11.0	ug/L		12/17/24 07:00	12/22/24 11:15	50
N-Nitrosopyrrolidine	<13.4	U H *-	28.7	13.4	ug/L		12/17/24 07:00	12/22/24 11:15	50
o,o',o''-Triethylphosphorothioate	**54.6**	**H**	28.7	6.93	ug/L		12/17/24 07:00	12/22/24 11:15	50
p-Dimethylamino azobenzene	<1.19	U H	28.7	1.19	ug/L		12/17/24 07:00	12/22/24 11:15	50
Pentachloronitrobenzene	<5.01	U H	28.7	5.01	ug/L		12/17/24 07:00	12/22/24 11:15	50
Phenacetin	<5.01	U H	28.7	5.01	ug/L		12/17/24 07:00	12/22/24 11:15	50
Phorate	<11.1	U H	28.7	11.1	ug/L		12/17/24 07:00	12/22/24 11:15	50
p-Phenylene diamine	<25.1	U H *- *1	57.3	25.1	ug/L		12/17/24 07:00	12/22/24 11:15	50
Pronamide	<5.01	U H	28.7	5.01	ug/L		12/17/24 07:00	12/22/24 11:15	50
Safrole, Total	<2.86	U H	28.7	2.86	ug/L		12/17/24 07:00	12/22/24 11:15	50
Sulfotepp	<7.35	U H *+	28.7	7.35	ug/L		12/17/24 07:00	12/22/24 11:15	50
Thionazin	<10.4	U H	57.3	10.4	ug/L		12/17/24 07:00	12/22/24 11:15	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*185*	*I S1+*	*35 - 130*	*12/17/24 07:00*	*12/22/24 11:15*	*50*
2-Fluorobiphenyl	*69*		*43 - 130*	*12/17/24 07:00*	*12/22/24 11:15*	*50*
2-Fluorophenol (Surr)	*65*		*19 - 120*	*12/17/24 07:00*	*12/22/24 11:15*	*50*
Nitrobenzene-d5 (Surr)	*82*		*37 - 133*	*12/17/24 07:00*	*12/22/24 11:15*	*50*
Phenol-d5 (Surr)	*60*		*8 - 124*	*12/17/24 07:00*	*12/22/24 11:15*	*50*
p-Terphenyl-d14	*89*	*I*	*47 - 130*	*12/17/24 07:00*	*12/22/24 11:15*	*50*

Client Sample ID: DUPE-01

Date Collected: 11/14/24 00:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<12.9	U	20.0	12.9	ug/L			11/19/24 20:12	20
1,1,1-Trichloroethane	<11.7	U	100	11.7	ug/L			11/19/24 20:12	20
1,1,2,2-Tetrachloroethane	<9.40	U	20.0	9.40	ug/L			11/19/24 20:12	20
1,1,2-Trichloro-1,2,2-trifluoroethane	<22.2	U	200	22.2	ug/L			11/19/24 20:12	20
1,1,2-Trichloroethane	<8.22	U	20.0	8.22	ug/L			11/19/24 20:12	20
1,1-Dichloroethane	<12.7	U	20.0	12.7	ug/L			11/19/24 20:12	20
1,1-Dichloroethene	<14.8	U	20.0	14.8	ug/L			11/19/24 20:12	20
1,2,3-Trichloropropane	<9.40	U	20.0	9.40	ug/L			11/19/24 20:12	20
1,2,4-Trimethylbenzene	<8.34	U	20.0	8.34	ug/L			11/19/24 20:12	20
1,2-Dibromo-3-Chloropropane	<13.4	U	100	13.4	ug/L			11/19/24 20:12	20
1,2-Dibromoethane	<20.0	U	100	20.0	ug/L			11/19/24 20:12	20
1,2-Dichloroethane	<7.44	U	20.0	7.44	ug/L			11/19/24 20:12	20
1,2-Dichloropropane	<11.1	U	100	11.1	ug/L			11/19/24 20:12	20
1,3,5-Trimethylbenzene	<8.22	U	20.0	8.22	ug/L			11/19/24 20:12	20
1,3-Butadiene	<11.4	U	20.0	11.4	ug/L			11/19/24 20:12	20
2,2,4-Trimethylpentane	<10.0	U	100	10.0	ug/L			11/19/24 20:12	20
2-Butanone (MEK)	<166	U	1000	166	ug/L			11/19/24 20:12	20
2-Hexanone (MBK)	<100	U	1000	100	ug/L			11/19/24 20:12	20
2-Propanol	<105	U	200	105	ug/L			11/19/24 20:12	20
3-Chloropropene (Allyl Chloride)	<11.9	U	100	11.9	ug/L			11/19/24 20:12	20

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87137-1

Client Sample ID: DUPE-01
Date Collected: 11/14/24 00:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	<100	U	1000	100	ug/L			11/19/24 20:12	20
Acetone	<61.3	U	2000	61.3	ug/L			11/19/24 20:12	20
Acetonitrile	<292	U	2000	292	ug/L			11/19/24 20:12	20
Acrolein	<222	U	1000	222	ug/L			11/19/24 20:12	20
Acrylonitrile	<286	U	1000	286	ug/L			11/19/24 20:12	20
alpha-Chlorotoluene	<45.1	U	100	45.1	ug/L			11/19/24 20:12	20
Benzene	**286**		20.0	9.19	ug/L			11/19/24 20:12	20
Bromodichloromethane	<11.0	U	20.0	11.0	ug/L			11/19/24 20:12	20
Bromoform	<12.7	U	100	12.7	ug/L			11/19/24 20:12	20
Bromomethane	<28.4	U	100	28.4	ug/L			11/19/24 20:12	20
Carbon disulfide	<33.0	U	100	33.0	ug/L			11/19/24 20:12	20
Carbon tetrachloride	**961**		100	17.9	ug/L			11/19/24 20:12	20
Chlorobenzene	**22.7**		20.0	9.10	ug/L			11/19/24 20:12	20
Chlorodibromomethane	<10.9	U	100	10.9	ug/L			11/19/24 20:12	20
Chloroethane	<39.7	U	200	39.7	ug/L			11/19/24 20:12	20
Chloroform	**255**		20.0	9.28	ug/L			11/19/24 20:12	20
Chloromethane	<40.7	U	200	40.7	ug/L			11/19/24 20:12	20
Chloroprene	<12.0	U	100	12.0	ug/L			11/19/24 20:12	20
cis-1,2-Dichloroethene	<9.14	U	20.0	9.14	ug/L			11/19/24 20:12	20
cis-1,3-Dichloropropene	<21.3	U	100	21.3	ug/L			11/19/24 20:12	20
Cumene (isopropylbenzene)	<11.8	U	20.0	11.8	ug/L			11/19/24 20:12	20
Cyclohexane	<25.7	U	100	25.7	ug/L			11/19/24 20:12	20
Dibromomethane	<7.14	U	20.0	7.14	ug/L			11/19/24 20:12	20
Dichlorodifluoromethane	<15.7	U	20.0	15.7	ug/L			11/19/24 20:12	20
Ethyl methacrylate	<22.4	U	100	22.4	ug/L			11/19/24 20:12	20
Ethylbenzene	<7.70	U	20.0	7.70	ug/L			11/19/24 20:12	20
Hexane	<10.3	U	100	10.3	ug/L			11/19/24 20:12	20
Iodomethane	<100	U *+	400	100	ug/L			11/19/24 20:12	20
Isobutanol	<342	U	1000	342	ug/L			11/19/24 20:12	20
Methacrylonitrile	<54.3	U	200	54.3	ug/L			11/19/24 20:12	20
Methyl methacrylate	<45.0	U	200	45.0	ug/L			11/19/24 20:12	20
Methyl tert-butyl ether	<27.8	U	100	27.8	ug/L			11/19/24 20:12	20
Methylene Chloride	<34.5	U	100	34.5	ug/L			11/19/24 20:12	20
Propionitrile	<66.8	U	200	66.8	ug/L			11/19/24 20:12	20
Propylbenzene	<8.58	U	20.0	8.58	ug/L			11/19/24 20:12	20
Styrene	<12.4	U	20.0	12.4	ug/L			11/19/24 20:12	20
Tetrachloroethene	<13.1	U	20.0	13.1	ug/L			11/19/24 20:12	20
Tetrahydrofuran	<36.7	U	200	36.7	ug/L			11/19/24 20:12	20
Toluene	<9.50	U	20.0	9.50	ug/L			11/19/24 20:12	20
trans-1,2-Dichloroethene	<7.36	U	20.0	7.36	ug/L			11/19/24 20:12	20
trans-1,3-Dichloropropene	<25.3	U	100	25.3	ug/L			11/19/24 20:12	20
trans-1,4-Dichloro-2-butene	<27.0	U	200	27.0	ug/L			11/19/24 20:12	20
Trichloroethene	<30.0	U	100	30.0	ug/L			11/19/24 20:12	20
Trichlorofluoromethane	<11.2	U	20.0	11.2	ug/L			11/19/24 20:12	20
Vinyl acetate	<42.8	U	400	42.8	ug/L			11/19/24 20:12	20
Vinyl chloride	<8.56	U	40.0	8.56	ug/L			11/19/24 20:12	20
Xylenes, Total	<24.8	U	200	24.8	ug/L			11/19/24 20:12	20
m,p-Xylenes	<0.0248	U	0.200	0.0248	mg/L			11/19/24 20:12	20
o-Xylene	<0.0100	U	0.0200	0.0100	mg/L			11/19/24 20:12	20

Client Sample ID: DUPE-01

Date Collected: 11/14/24 00:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-7

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*11/19/24 20:12*	*20*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*11/19/24 20:12*	*20*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/19/24 20:12*	*20*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/19/24 20:12*	*20*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	**0.0898**	**J**	0.573	0.0768	ug/L		11/19/24 05:14	12/14/24 09:40	1
1,2-Dichlorobenzene	**0.870**		0.573	0.0943	ug/L		11/19/24 05:14	12/14/24 09:40	1
1,3-Dichlorobenzene	**0.112**	**J**	0.573	0.102	ug/L		11/19/24 05:14	12/14/24 09:40	1
1,4-Dichlorobenzene	**1.11**		0.573	0.0781	ug/L		11/19/24 05:14	12/14/24 09:40	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.87	1.43	ug/L		11/19/24 05:14	12/14/24 09:40	1
2,4,5-Trichlorophenol	<0.144	U *+	0.573	0.144	ug/L		11/19/24 05:14	12/14/24 09:40	1
2,4,6-Trichlorophenol	<0.231	U *+	0.573	0.231	ug/L		11/19/24 05:14	12/14/24 09:40	1
2,4-Dichlorophenol	<0.140	U	0.573	0.140	ug/L		11/19/24 05:14	12/14/24 09:40	1
2,4-Dimethylphenol	<0.193	U *+	0.573	0.193	ug/L		11/19/24 05:14	12/14/24 09:40	1
2,4-Dinitrophenol	<0.104	U	2.87	0.104	ug/L		11/19/24 05:14	12/14/24 09:40	1
2,4-Dinitrotoluene	<0.205	U	0.573	0.205	ug/L		11/19/24 05:14	12/14/24 09:40	1
2,6-Dinitrotoluene	<0.117	U	0.573	0.117	ug/L		11/19/24 05:14	12/14/24 09:40	1
2-Chloronaphthalene	<0.379	U	0.573	0.379	ug/L		11/19/24 05:14	12/14/24 09:40	1
2-Methylnaphthalene	<0.0604	U	0.573	0.0604	ug/L		11/19/24 05:14	12/14/24 09:40	1
2-Methylphenol	<0.105	U	0.573	0.105	ug/L		11/19/24 05:14	12/14/24 09:40	1
2-Nitroaniline	<0.149	U *+	0.573	0.149	ug/L		11/19/24 05:14	12/14/24 09:40	1
2-Nitrophenol	<0.136	U	0.573	0.136	ug/L		11/19/24 05:14	12/14/24 09:40	1
3 & 4 Methylphenol	**0.608**	**I**	0.573	0.139	ug/L		11/19/24 05:14	12/14/24 09:40	1
3-Nitroaniline	<0.0855	U	0.573	0.0855	ug/L		11/19/24 05:14	12/14/24 09:40	1
4,6-Dinitro-2-methylphenol	<0.202	U	1.15	0.202	ug/L		11/19/24 05:14	12/14/24 09:40	1
4-Bromophenyl phenyl ether	<0.101	U *+	0.573	0.101	ug/L		11/19/24 05:14	12/14/24 09:40	1
4-Chloro-3-methylphenol	<0.104	U	0.573	0.104	ug/L		11/19/24 05:14	12/14/24 09:40	1
4-Chloroaniline	<0.0387	U	0.573	0.0387	ug/L		11/19/24 05:14	12/14/24 09:40	1
4-Chlorophenyl phenyl ether	<0.131	U	0.573	0.131	ug/L		11/19/24 05:14	12/14/24 09:40	1
4-Nitroaniline	<0.109	U	0.573	0.109	ug/L		11/19/24 05:14	12/14/24 09:40	1
Acenaphthene	<0.108	U	0.573	0.108	ug/L		11/19/24 05:14	12/14/24 09:40	1
Acenaphthylene	<0.0999	U	0.573	0.0999	ug/L		11/19/24 05:14	12/14/24 09:40	1
Aniline	<0.0581	U	0.573	0.0581	ug/L		11/19/24 05:14	12/14/24 09:40	1
Anthracene	<0.0941	U	0.573	0.0941	ug/L		11/19/24 05:14	12/14/24 09:40	1
Benzo[a]anthracene	<0.0287	U *+	0.0287	0.0287	ug/L		11/19/24 05:14	12/14/24 09:40	1
Benzo[a]pyrene	<0.0301	U	0.0573	0.0301	ug/L		11/19/24 05:14	12/14/24 09:40	1
Benzo[b]fluoranthene	<0.0666	U *+	0.573	0.0666	ug/L		11/19/24 05:14	12/14/24 09:40	1
Benzo[g,h,i]perylene	<0.0346	U	0.573	0.0346	ug/L		11/19/24 05:14	12/14/24 09:40	1
Benzo[k]fluoranthene	<0.0474	U	0.573	0.0474	ug/L		11/19/24 05:14	12/14/24 09:40	1
Benzyl alcohol	<0.602	U	1.15	0.602	ug/L		11/19/24 05:14	12/14/24 09:40	1
Bis(2-chloroethoxy)methane	<0.0977	U	0.573	0.0977	ug/L		11/19/24 05:14	12/14/24 09:40	1
Bis(2-chloroethyl)ether	<0.215	U *+	0.573	0.215	ug/L		11/19/24 05:14	12/14/24 09:40	1
Bis(2-ethylhexyl) phthalate	<0.903	U	1.15	0.903	ug/L		11/19/24 05:14	12/14/24 09:40	1
Butyl benzyl phthalate	<0.501	U	1.15	0.501	ug/L		11/19/24 05:14	12/14/24 09:40	1
Chrysene	<0.0818	U *+	0.573	0.0818	ug/L		11/19/24 05:14	12/14/24 09:40	1
Dibenz(a,h)anthracene	<0.0510	U	0.115	0.0510	ug/L		11/19/24 05:14	12/14/24 09:40	1
Dibenzofuran	<0.107	U *+	0.573	0.107	ug/L		11/19/24 05:14	12/14/24 09:40	1
Diethyl phthalate	**0.167**	**J I**	1.15	0.155	ug/L		11/19/24 05:14	12/14/24 09:40	1

Client Sample ID: DUPE-01
Date Collected: 11/14/24 00:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-7
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	<0.109	U	1.15	0.109	ug/L		11/19/24 05:14	12/14/24 09:40	1
Di-n-butyl phthalate	<0.767	U	1.15	0.767	ug/L		11/19/24 05:14	12/14/24 09:40	1
Di-n-octyl phthalate	<0.270	U	1.15	0.270	ug/L		11/19/24 05:14	12/14/24 09:40	1
Fluoranthene	<0.0886	U	0.573	0.0886	ug/L		11/19/24 05:14	12/14/24 09:40	1
Fluorene	<0.0951	U	0.573	0.0951	ug/L		11/19/24 05:14	12/14/24 09:40	1
Hexachlorobenzene	<0.0978	U	0.573	0.0978	ug/L		11/19/24 05:14	12/14/24 09:40	1
Hexachlorobutadiene	<0.103	U	0.573	0.103	ug/L		11/19/24 05:14	12/14/24 09:40	1
Hexachlorocyclopentadiene	<0.0513	U *+	0.573	0.0513	ug/L		11/19/24 05:14	12/14/24 09:40	1
Hexachloroethane	**0.141**	**J**	0.573	0.102	ug/L		11/19/24 05:14	12/14/24 09:40	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.573	0.100	ug/L		11/19/24 05:14	12/14/24 09:40	1
Isophorone	<0.107	U	0.573	0.107	ug/L		11/19/24 05:14	12/14/24 09:40	1
Naphthalene	<0.0947	U	0.573	0.0947	ug/L		11/19/24 05:14	12/14/24 09:40	1
Nitrobenzene	<0.0739	U	0.573	0.0739	ug/L		11/19/24 05:14	12/14/24 09:40	1
N-Nitrosodi-n-propylamine	<0.119	U	0.573	0.119	ug/L		11/19/24 05:14	12/14/24 09:40	1
N-Nitrosodiphenylamine	<0.145	U *+	0.573	0.145	ug/L		11/19/24 05:14	12/14/24 09:40	1
Pentachlorophenol	<1.04	U	1.15	1.04	ug/L		11/19/24 05:14	12/14/24 09:40	1
Phenanthrene	<0.134	U	0.573	0.134	ug/L		11/19/24 05:14	12/14/24 09:40	1
Phenol	**1.48**	**I**	1.15	1.15	ug/L		11/19/24 05:14	12/14/24 09:40	1
Pyrene	<0.0851	U	0.573	0.0851	ug/L		11/19/24 05:14	12/14/24 09:40	1
Pyridine	<1.44	U	2.87	1.44	ug/L		11/19/24 05:14	12/14/24 09:40	1
N-Nitro-o-toluidine	<0.522	U	1.15	0.522	ug/L		11/19/24 05:14	12/14/24 09:40	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.573	0.211	ug/L		11/19/24 05:14	12/14/24 09:40	1
Acetophenone	<0.626	U *+	1.15	0.626	ug/L		11/19/24 05:14	12/14/24 09:40	1
N-Nitrosopiperidine	<0.469	U	1.15	0.469	ug/L		11/19/24 05:14	12/14/24 09:40	1
Pentachlorobenzene	<0.267	U	0.573	0.267	ug/L		11/19/24 05:14	12/14/24 09:40	1
Diphenyl ether	**0.237**	**J**	0.573	0.0912	ug/L		11/19/24 05:14	12/14/24 09:40	1
1,1'-Biphenyl	<0.0984	U	0.573	0.0984	ug/L		11/19/24 05:14	12/14/24 09:40	1
4-Aminobiphenyl	<0.395	U	0.573	0.395	ug/L		11/19/24 05:14	12/14/24 09:40	1
1,2,4,5-Tetrachlorobenzene	<0.0960	U	0.573	0.0960	ug/L		11/19/24 05:14	12/14/24 09:40	1
1,3,5-Trinitrobenzene	<0.119	U	0.573	0.119	ug/L		11/19/24 05:14	12/14/24 09:40	1
1,3-Dinitrobenzene	<0.0775	U	0.573	0.0775	ug/L		11/19/24 05:14	12/14/24 09:40	1
1,4-Naphthoquinone	<0.315	U	0.573	0.315	ug/L		11/19/24 05:14	12/14/24 09:40	1
1-Naphthylamine	<0.149	U	0.573	0.149	ug/L		11/19/24 05:14	12/14/24 09:40	1
2,6-Dichlorophenol	<0.119	U	0.573	0.119	ug/L		11/19/24 05:14	12/14/24 09:40	1
2-Acetylaminofluorene	<1.27	U *+	2.87	1.27	ug/L		11/19/24 05:14	12/14/24 09:40	1
2-Chlorophenol	<0.0758	U *+	0.573	0.0758	ug/L		11/19/24 05:14	12/14/24 09:40	1
2-Naphthylamine	<0.289	U	0.573	0.289	ug/L		11/19/24 05:14	12/14/24 09:40	1
2-Picoline	<0.123	U	0.573	0.123	ug/L		11/19/24 05:14	12/14/24 09:40	1
2-Toluidine	<0.307	U	0.573	0.307	ug/L		11/19/24 05:14	12/14/24 09:40	1
3,3'-Dichlorobenzidine	<0.184	U	0.573	0.184	ug/L		11/19/24 05:14	12/14/24 09:40	1
3,3'-Dimethylbenzidine	<0.142	U	0.573	0.142	ug/L		11/19/24 05:14	12/14/24 09:40	1
3-Methylcholanthrene	<0.105	U	0.573	0.105	ug/L		11/19/24 05:14	12/14/24 09:40	1
4-Nitroquinoline-1-oxide	<0.732	U	1.15	0.732	ug/L		11/19/24 05:14	12/14/24 09:40	1
7,12-Dimethylbenz(a)anthracene	<0.242	U *+	0.573	0.242	ug/L		11/19/24 05:14	12/14/24 09:40	1
alpha,alpha-Dimethyl phenethylamine	<3.68	U *-	5.73	3.68	ug/L		11/19/24 05:14	12/14/24 09:40	1
Aramite Peak 1	<0.0787	U *+	0.573	0.0787	ug/L		11/19/24 05:14	12/14/24 09:40	1
Aramite Peak 2	<0.0956	U *+	0.573	0.0956	ug/L		11/19/24 05:14	12/14/24 09:40	1
Aramite, Total	<0.0956	U	0.573	0.0956	ug/L		11/19/24 05:14	12/14/24 09:40	1
Diallate	<0.0837	U	0.573	0.0837	ug/L		11/19/24 05:14	12/14/24 09:40	1

Client Sample ID: DUPE-01
Date Collected: 11/14/24 00:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-7
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diallate Peak 1	<0.0837	U	0.573	0.0837	ug/L		11/19/24 05:14	12/14/24 09:40	1
Diallate Peak 2	<0.0386	U	0.573	0.0386	ug/L		11/19/24 05:14	12/14/24 09:40	1
Dimethoate	<0.122	U *+	0.573	0.122	ug/L		11/19/24 05:14	12/14/24 09:40	1
Dinoseb	<0.571	U *+	2.87	0.571	ug/L		11/19/24 05:14	12/14/24 09:40	1
Disulfoton	<0.203	U *+	0.573	0.203	ug/L		11/19/24 05:14	12/14/24 09:40	1
Ethyl methanesulfonate	<0.227	U	0.573	0.227	ug/L		11/19/24 05:14	12/14/24 09:40	1
Ethyl Parathion	<0.0503	U *+	0.229	0.0503	ug/L		11/19/24 05:14	12/14/24 09:40	1
Famphur	<0.151	U *+	1.15	0.151	ug/L		11/19/24 05:14	12/14/24 09:40	1
Hexachloropropene	<0.301	U	0.573	0.301	ug/L		11/19/24 05:14	12/14/24 09:40	1
Isosafrole	<0.241	U	0.573	0.241	ug/L		11/19/24 05:14	12/14/24 09:40	1
Isosafrole Peak 1	<0.0465	U	0.573	0.0465	ug/L		11/19/24 05:14	12/14/24 09:40	1
Isosafrole Peak 2	<0.241	U	0.573	0.241	ug/L		11/19/24 05:14	12/14/24 09:40	1
Methapyrilene	<1.00	U *+	2.29	1.00	ug/L		11/19/24 05:14	12/14/24 09:40	1
Methyl methanesulfonate	<0.120	U	0.573	0.120	ug/L		11/19/24 05:14	12/14/24 09:40	1
Methyl parathion	<0.320	U *+	0.573	0.320	ug/L		11/19/24 05:14	12/14/24 09:40	1
N-Nitrosodiethylamine	<0.540	U	1.15	0.540	ug/L		11/19/24 05:14	12/14/24 09:40	1
N-Nitrosodimethylamine	<0.100	U *-	0.573	0.100	ug/L		11/19/24 05:14	12/14/24 09:40	1
N-Nitrosodi-n-butylamine	<0.517	U	1.15	0.517	ug/L		11/19/24 05:14	12/14/24 09:40	1
N-Nitrosomethylethylamine	<0.295	U	0.573	0.295	ug/L		11/19/24 05:14	12/14/24 09:40	1
N-Nitrosomorpholine	<0.221	U	0.573	0.221	ug/L		11/19/24 05:14	12/14/24 09:40	1
N-Nitrosopyrrolidine	<0.268	U	0.573	0.268	ug/L		11/19/24 05:14	12/14/24 09:40	1
p-Dimethylamino azobenzene	<0.0238	U	0.573	0.0238	ug/L		11/19/24 05:14	12/14/24 09:40	1
Pentachloronitrobenzene	<0.100	U	0.573	0.100	ug/L		11/19/24 05:14	12/14/24 09:40	1
Phenacetin	<0.100	U *+	0.573	0.100	ug/L		11/19/24 05:14	12/14/24 09:40	1
Phorate	<0.222	U *+	0.573	0.222	ug/L		11/19/24 05:14	12/14/24 09:40	1
p-Phenylene diamine	<0.501	U *-	1.15	0.501	ug/L		11/19/24 05:14	12/14/24 09:40	1
Pronamide	<0.100	U *+	0.573	0.100	ug/L		11/19/24 05:14	12/14/24 09:40	1
Safrole, Total	<0.0573	U	0.573	0.0573	ug/L		11/19/24 05:14	12/14/24 09:40	1
Sulfotepp	<0.147	U *+	0.573	0.147	ug/L		11/19/24 05:14	12/14/24 09:40	1
Thionazin	<0.209	U *+	1.15	0.209	ug/L		11/19/24 05:14	12/14/24 09:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*140*	*S1+*	*35 - 130*	*11/19/24 05:14*	*12/14/24 09:40*	*1*
2-Fluorobiphenyl	*95*		*43 - 130*	*11/19/24 05:14*	*12/14/24 09:40*	*1*
2-Fluorophenol (Surr)	*83*		*19 - 120*	*11/19/24 05:14*	*12/14/24 09:40*	*1*
Nitrobenzene-d5 (Surr)	*116*		*37 - 133*	*11/19/24 05:14*	*12/14/24 09:40*	*1*
Phenol-d5 (Surr)	*49*		*8 - 124*	*11/19/24 05:14*	*12/14/24 09:40*	*1*
p-Terphenyl-d14	*131*	*S1+*	*47 - 130*	*11/19/24 05:14*	*12/14/24 09:40*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**117**		28.7	4.46	ug/L		11/19/24 05:14	12/22/24 08:45	50
o,o',o''-Triethylphosphorothioate	**62.8**		28.7	6.93	ug/L		11/19/24 05:14	12/22/24 08:45	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*207*	*I S1+*	*35 - 130*	*11/19/24 05:14*	*12/22/24 08:45*	*50*
2-Fluorobiphenyl	*65*		*43 - 130*	*11/19/24 05:14*	*12/22/24 08:45*	*50*
2-Fluorophenol (Surr)	*67*		*19 - 120*	*11/19/24 05:14*	*12/22/24 08:45*	*50*
Nitrobenzene-d5 (Surr)	*75*		*37 - 133*	*11/19/24 05:14*	*12/22/24 08:45*	*50*
Phenol-d5 (Surr)	*46*		*8 - 124*	*11/19/24 05:14*	*12/22/24 08:45*	*50*

Client Sample ID: DUPE-01

Date Collected: 11/14/24 00:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-7

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - DL (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14	*83*	*I*	*47 - 130*	*11/19/24 05:14*	*12/22/24 08:45*	*50*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<3.82	U H	28.4	3.82	ug/L		12/17/24 07:00	12/22/24 11:45	50
1,2-Dichlorobenzene	<4.68	U H	28.4	4.68	ug/L		12/17/24 07:00	12/22/24 11:45	50
1,3-Dichlorobenzene	<5.06	U H	28.4	5.06	ug/L		12/17/24 07:00	12/22/24 11:45	50
1,4-Dichlorobenzene	<3.88	U H	28.4	3.88	ug/L		12/17/24 07:00	12/22/24 11:45	50
2,2'-oxybis[1-chloropropane]	<71.1	U H	142	71.1	ug/L		12/17/24 07:00	12/22/24 11:45	50
2,4,5-Trichlorophenol	<7.13	U H	28.4	7.13	ug/L		12/17/24 07:00	12/22/24 11:45	50
2,4,6-Trichlorophenol	<11.5	U H	28.4	11.5	ug/L		12/17/24 07:00	12/22/24 11:45	50
2,4-Dichlorophenol	<6.97	U H	28.4	6.97	ug/L		12/17/24 07:00	12/22/24 11:45	50
2,4-Dimethylphenol	<9.57	U H *+	28.4	9.57	ug/L		12/17/24 07:00	12/22/24 11:45	50
1,4-Dioxane	**108**	**H *-**	28.4	4.43	ug/L		12/17/24 07:00	12/22/24 11:45	50
2,4-Dinitrophenol	<5.18	U H	142	5.18	ug/L		12/17/24 07:00	12/22/24 11:45	50
2,4-Dinitrotoluene	<10.2	U H	28.4	10.2	ug/L		12/17/24 07:00	12/22/24 11:45	50
2,6-Dinitrotoluene	<5.79	U H	28.4	5.79	ug/L		12/17/24 07:00	12/22/24 11:45	50
2-Chloronaphthalene	<18.8	U H	28.4	18.8	ug/L		12/17/24 07:00	12/22/24 11:45	50
2-Methylnaphthalene	<3.00	U H	28.4	3.00	ug/L		12/17/24 07:00	12/22/24 11:45	50
2-Methylphenol	<5.22	U H	28.4	5.22	ug/L		12/17/24 07:00	12/22/24 11:45	50
2-Nitroaniline	<7.42	U H	28.4	7.42	ug/L		12/17/24 07:00	12/22/24 11:45	50
2-Nitrophenol	<6.77	U H	28.4	6.77	ug/L		12/17/24 07:00	12/22/24 11:45	50
3 & 4 Methylphenol	<6.91	U H	28.4	6.91	ug/L		12/17/24 07:00	12/22/24 11:45	50
3-Nitroaniline	<4.24	U H	28.4	4.24	ug/L		12/17/24 07:00	12/22/24 11:45	50
4,6-Dinitro-2-methylphenol	<10.0	U H	56.9	10.0	ug/L		12/17/24 07:00	12/22/24 11:45	50
4-Bromophenyl phenyl ether	<4.99	U H	28.4	4.99	ug/L		12/17/24 07:00	12/22/24 11:45	50
4-Chloro-3-methylphenol	<5.16	U H	28.4	5.16	ug/L		12/17/24 07:00	12/22/24 11:45	50
4-Chloroaniline	<1.92	U H	28.4	1.92	ug/L		12/17/24 07:00	12/22/24 11:45	50
4-Chlorophenyl phenyl ether	<6.49	U H	28.4	6.49	ug/L		12/17/24 07:00	12/22/24 11:45	50
4-Nitroaniline	<5.41	U H	28.4	5.41	ug/L		12/17/24 07:00	12/22/24 11:45	50
Acenaphthene	<5.35	U H	28.4	5.35	ug/L		12/17/24 07:00	12/22/24 11:45	50
Acenaphthylene	<4.96	U H	28.4	4.96	ug/L		12/17/24 07:00	12/22/24 11:45	50
Aniline	<2.89	U H	28.4	2.89	ug/L		12/17/24 07:00	12/22/24 11:45	50
Anthracene	<4.67	U H	28.4	4.67	ug/L		12/17/24 07:00	12/22/24 11:45	50
Benzo[a]anthracene	<1.42	U H	1.42	1.42	ug/L		12/17/24 07:00	12/22/24 11:45	50
Benzo[a]pyrene	<1.49	U H	2.84	1.49	ug/L		12/17/24 07:00	12/22/24 11:45	50
Benzo[b]fluoranthene	<3.31	U H	28.4	3.31	ug/L		12/17/24 07:00	12/22/24 11:45	50
Benzo[g,h,i]perylene	<1.72	U H	28.4	1.72	ug/L		12/17/24 07:00	12/22/24 11:45	50
Benzo[k]fluoranthene	<2.35	U H	28.4	2.35	ug/L		12/17/24 07:00	12/22/24 11:45	50
Benzyl alcohol	<29.9	U H *-	56.9	29.9	ug/L		12/17/24 07:00	12/22/24 11:45	50
Bis(2-chloroethoxy)methane	**7.75**	**J H**	28.4	4.85	ug/L		12/17/24 07:00	12/22/24 11:45	50
Bis(2-chloroethyl)ether	<10.7	U H	28.4	10.7	ug/L		12/17/24 07:00	12/22/24 11:45	50
Bis(2-ethylhexyl) phthalate	<44.8	U H	56.9	44.8	ug/L		12/17/24 07:00	12/22/24 11:45	50
Butyl benzyl phthalate	<24.9	U H	56.9	24.9	ug/L		12/17/24 07:00	12/22/24 11:45	50
Chrysene	<4.06	U H	28.4	4.06	ug/L		12/17/24 07:00	12/22/24 11:45	50
Dibenz(a,h)anthracene	<2.53	U H	5.69	2.53	ug/L		12/17/24 07:00	12/22/24 11:45	50
Dibenzofuran	<5.30	U H	28.4	5.30	ug/L		12/17/24 07:00	12/22/24 11:45	50
Diethyl phthalate	<7.70	U H	56.9	7.70	ug/L		12/17/24 07:00	12/22/24 11:45	50
Dimethyl phthalate	<5.39	U H	56.9	5.39	ug/L		12/17/24 07:00	12/22/24 11:45	50

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87137-1

Client Sample ID: DUPE-01
Date Collected: 11/14/24 00:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-7
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	<38.1	U H	56.9	38.1	ug/L		12/17/24 07:00	12/22/24 11:45	50
Di-n-octyl phthalate	<13.4	U H	56.9	13.4	ug/L		12/17/24 07:00	12/22/24 11:45	50
Fluoranthene	<4.40	U H	28.4	4.40	ug/L		12/17/24 07:00	12/22/24 11:45	50
Fluorene	<4.72	U H	28.4	4.72	ug/L		12/17/24 07:00	12/22/24 11:45	50
Hexachlorobenzene	<4.85	U H	28.4	4.85	ug/L		12/17/24 07:00	12/22/24 11:45	50
Hexachlorobutadiene	<5.11	U H	28.4	5.11	ug/L		12/17/24 07:00	12/22/24 11:45	50
Hexachlorocyclopentadiene	<2.55	U H *+	28.4	2.55	ug/L		12/17/24 07:00	12/22/24 11:45	50
Hexachloroethane	<5.07	U H	28.4	5.07	ug/L		12/17/24 07:00	12/22/24 11:45	50
Indeno[1,2,3-cd]pyrene	<4.98	U H	28.4	4.98	ug/L		12/17/24 07:00	12/22/24 11:45	50
Isophorone	<5.30	U H	28.4	5.30	ug/L		12/17/24 07:00	12/22/24 11:45	50
Naphthalene	<4.70	U H	28.4	4.70	ug/L		12/17/24 07:00	12/22/24 11:45	50
Nitrobenzene	<3.67	U H	28.4	3.67	ug/L		12/17/24 07:00	12/22/24 11:45	50
N-Nitrosodi-n-propylamine	<5.90	U H	28.4	5.90	ug/L		12/17/24 07:00	12/22/24 11:45	50
N-Nitrosodiphenylamine	<7.20	U H	28.4	7.20	ug/L		12/17/24 07:00	12/22/24 11:45	50
Pentachlorophenol	<51.7	U H	56.9	51.7	ug/L		12/17/24 07:00	12/22/24 11:45	50
Phenanthrene	<6.67	U H	28.4	6.67	ug/L		12/17/24 07:00	12/22/24 11:45	50
Phenol	<56.9	U H	56.9	56.9	ug/L		12/17/24 07:00	12/22/24 11:45	50
Pyrene	<4.23	U H	28.4	4.23	ug/L		12/17/24 07:00	12/22/24 11:45	50
Pyridine	<71.6	U H	142	71.6	ug/L		12/17/24 07:00	12/22/24 11:45	50
N-Nitro-o-toluidine	<25.9	U H	56.9	25.9	ug/L		12/17/24 07:00	12/22/24 11:45	50
2,3,4,6-Tetrachlorophenol	<10.5	U H	28.4	10.5	ug/L		12/17/24 07:00	12/22/24 11:45	50
Acetophenone	<31.1	U H	56.9	31.1	ug/L		12/17/24 07:00	12/22/24 11:45	50
N-Nitrosopiperidine	<23.3	U H	56.9	23.3	ug/L		12/17/24 07:00	12/22/24 11:45	50
Pentachlorobenzene	<13.2	U H	28.4	13.2	ug/L		12/17/24 07:00	12/22/24 11:45	50
Diphenyl ether	<4.53	U H	28.4	4.53	ug/L		12/17/24 07:00	12/22/24 11:45	50
1,1'-Biphenyl	<4.89	U H	28.4	4.89	ug/L		12/17/24 07:00	12/22/24 11:45	50
4-Aminobiphenyl	<19.6	U H	28.4	19.6	ug/L		12/17/24 07:00	12/22/24 11:45	50
1,2,4,5-Tetrachlorobenzene	<4.77	U H	28.4	4.77	ug/L		12/17/24 07:00	12/22/24 11:45	50
1,3,5-Trinitrobenzene	<5.91	U H	28.4	5.91	ug/L		12/17/24 07:00	12/22/24 11:45	50
1,3-Dinitrobenzene	<3.85	U H	28.4	3.85	ug/L		12/17/24 07:00	12/22/24 11:45	50
1,4-Naphthoquinone	<15.6	U H	28.4	15.6	ug/L		12/17/24 07:00	12/22/24 11:45	50
1-Naphthylamine	<7.40	U H *-	28.4	7.40	ug/L		12/17/24 07:00	12/22/24 11:45	50
2,6-Dichlorophenol	<5.88	U H	28.4	5.88	ug/L		12/17/24 07:00	12/22/24 11:45	50
2-Acetylaminofluorene	<62.9	U H *+	142	62.9	ug/L		12/17/24 07:00	12/22/24 11:45	50
2-Chlorophenol	<3.77	U H	28.4	3.77	ug/L		12/17/24 07:00	12/22/24 11:45	50
2-Naphthylamine	<14.3	U H	28.4	14.3	ug/L		12/17/24 07:00	12/22/24 11:45	50
2-Picoline	<6.11	U H	28.4	6.11	ug/L		12/17/24 07:00	12/22/24 11:45	50
2-Toluidine	<15.2	U H	28.4	15.2	ug/L		12/17/24 07:00	12/22/24 11:45	50
3,3'-Dichlorobenzidine	<9.12	U H	28.4	9.12	ug/L		12/17/24 07:00	12/22/24 11:45	50
3,3'-Dimethylbenzidine	<7.06	U H	28.4	7.06	ug/L		12/17/24 07:00	12/22/24 11:45	50
3-Methylcholanthrene	<5.19	U H	28.4	5.19	ug/L		12/17/24 07:00	12/22/24 11:45	50
4-Nitroquinoline-1-oxide	<36.4	U H	56.9	36.4	ug/L		12/17/24 07:00	12/22/24 11:45	50
7,12-Dimethylbenz(a)anthracene	<12.0	U H	28.4	12.0	ug/L		12/17/24 07:00	12/22/24 11:45	50
alpha,alpha-Dimethyl phenethylamine	<183	U H *-	284	183	ug/L		12/17/24 07:00	12/22/24 11:45	50
Aramite Peak 1	<3.91	U H	28.4	3.91	ug/L		12/17/24 07:00	12/22/24 11:45	50
Aramite Peak 2	<4.75	U H	28.4	4.75	ug/L		12/17/24 07:00	12/22/24 11:45	50
Aramite, Total	<4.75	U H	28.4	4.75	ug/L		12/17/24 07:00	12/22/24 11:45	50
Diallate	<4.16	U H	28.4	4.16	ug/L		12/17/24 07:00	12/22/24 11:45	50
Diallate Peak 1	<4.16	U H	28.4	4.16	ug/L		12/17/24 07:00	12/22/24 11:45	50

Client Sample ID: DUPE-01
Lab Sample ID: 860-87137-7

Date Collected: 11/14/24 00:00
Matrix: Water

Date Received: 11/15/24 09:56

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diallate Peak 2	<1.92	U H	28.4	1.92	ug/L		12/17/24 07:00	12/22/24 11:45	50
Dimethoate	<6.05	U H *+	28.4	6.05	ug/L		12/17/24 07:00	12/22/24 11:45	50
Dinoseb	<28.4	U H *+	142	28.4	ug/L		12/17/24 07:00	12/22/24 11:45	50
Disulfoton	<10.1	U H	28.4	10.1	ug/L		12/17/24 07:00	12/22/24 11:45	50
Ethyl methanesulfonate	<11.3	U H	28.4	11.3	ug/L		12/17/24 07:00	12/22/24 11:45	50
Ethyl Parathion	<2.50	U H *+	11.4	2.50	ug/L		12/17/24 07:00	12/22/24 11:45	50
Famphur	<7.51	U H	56.9	7.51	ug/L		12/17/24 07:00	12/22/24 11:45	50
Hexachloropropene	<14.9	U H	28.4	14.9	ug/L		12/17/24 07:00	12/22/24 11:45	50
Isosafrole	<12.0	U H	28.4	12.0	ug/L		12/17/24 07:00	12/22/24 11:45	50
Isosafrole Peak 1	<2.31	U H	28.4	2.31	ug/L		12/17/24 07:00	12/22/24 11:45	50
Isosafrole Peak 2	<12.0	U H	28.4	12.0	ug/L		12/17/24 07:00	12/22/24 11:45	50
Methapyrilene	<49.8	U H *+	114	49.8	ug/L		12/17/24 07:00	12/22/24 11:45	50
Methyl methanesulfonate	<5.97	U H	28.4	5.97	ug/L		12/17/24 07:00	12/22/24 11:45	50
Methyl parathion	<15.9	U H	28.4	15.9	ug/L		12/17/24 07:00	12/22/24 11:45	50
N-Nitrosodiethylamine	<26.8	U H	56.9	26.8	ug/L		12/17/24 07:00	12/22/24 11:45	50
N-Nitrosodimethylamine	<4.98	U H *-	28.4	4.98	ug/L		12/17/24 07:00	12/22/24 11:45	50
N-Nitrosodi-n-butylamine	<25.7	U H	56.9	25.7	ug/L		12/17/24 07:00	12/22/24 11:45	50
N-Nitrosomethylethylamine	<14.6	U H	28.4	14.6	ug/L		12/17/24 07:00	12/22/24 11:45	50
N-Nitrosomorpholine	<11.0	U H	28.4	11.0	ug/L		12/17/24 07:00	12/22/24 11:45	50
N-Nitrosopyrrolidine	<13.3	U H *-	28.4	13.3	ug/L		12/17/24 07:00	12/22/24 11:45	50
o,o',o''-Triethylphosphorothioate	**63.2**	**H**	28.4	6.88	ug/L		12/17/24 07:00	12/22/24 11:45	50
p-Dimethylamino azobenzene	<1.18	U H	28.4	1.18	ug/L		12/17/24 07:00	12/22/24 11:45	50
Pentachloronitrobenzene	<4.98	U H	28.4	4.98	ug/L		12/17/24 07:00	12/22/24 11:45	50
Phenacetin	<4.98	U H	28.4	4.98	ug/L		12/17/24 07:00	12/22/24 11:45	50
Phorate	<11.0	U H	28.4	11.0	ug/L		12/17/24 07:00	12/22/24 11:45	50
p-Phenylene diamine	<24.9	U H *- *1	56.9	24.9	ug/L		12/17/24 07:00	12/22/24 11:45	50
Pronamide	<4.98	U H	28.4	4.98	ug/L		12/17/24 07:00	12/22/24 11:45	50
Safrole, Total	<2.84	U H	28.4	2.84	ug/L		12/17/24 07:00	12/22/24 11:45	50
Sulfotepp	<7.30	U H *+	28.4	7.30	ug/L		12/17/24 07:00	12/22/24 11:45	50
Thionazin	<10.4	U H	56.9	10.4	ug/L		12/17/24 07:00	12/22/24 11:45	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*118*	*I*	*35 - 130*	*12/17/24 07:00*	*12/22/24 11:45*	*50*
2-Fluorobiphenyl	*81*		*43 - 130*	*12/17/24 07:00*	*12/22/24 11:45*	*50*
2-Fluorophenol (Surr)	*53*	*I*	*19 - 120*	*12/17/24 07:00*	*12/22/24 11:45*	*50*
Nitrobenzene-d5 (Surr)	*68*		*37 - 133*	*12/17/24 07:00*	*12/22/24 11:45*	*50*
Phenol-d5 (Surr)	*38*	*I*	*8 - 124*	*12/17/24 07:00*	*12/22/24 11:45*	*50*
p-Terphenyl-d14	*54*		*47 - 130*	*12/17/24 07:00*	*12/22/24 11:45*	*50*

Surrogate Summary

Client: Ashland LLC
Job ID: 860-87137-1
Project/Site: Hercules Hattiesburg, MS

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
860-87121-G-3 MS	Matrix Spike	97	103	99	100
860-87137-1	TB-09(111324)	101	101	99	101
860-87137-2	MW-23	103	102	100	101
860-87137-3	MW-21	102	101	103	100
860-87137-4	MW-17	104	99	101	101
860-87137-5	MW-08	104	101	100	101
860-87137-6	MW-13	104	100	100	100
860-87137-7	DUPE-01	102	101	101	101
LCS 860-200630/1010	Lab Control Sample	100	102	99	100
LCSD 860-200630/11	Lab Control Sample Dup	98	102	99	100
MB 860-200630/16	Method Blank	102	99	101	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(35-130)	(43-130)	(19-120)	(37-133)	(8-124)	(47-130)
860-87137-2	MW-23	139 S1+	76	86	116	67	129
860-87137-2 - DL	MW-23	375 I S1+	88 I	94	109	91	115
860-87137-2 - RE	MW-23	0 S1-	73	73	90	52	104
860-87137-2 - DL2	MW-23	278 I S1+	164 S1+	144 S1+	137 I S1+	244 I S1+	195 S1+
860-87137-2 - REDL	MW-23	0 S1-	46 I	121 I S1+	70 I	134 I S1+	93
860-87137-3	MW-21	168 S1+	72	86	139 S1+	67	139 S1+
860-87137-3 - DL	MW-21	290 S1+	76 I	81 I	73	81	96 I
860-87137-3 - RE	MW-21	238 I S1+	72	68 I	81	63	103
860-87137-3 - DL2	MW-21	0 S1-	122 I	107 I	88 I	63	89
860-87137-3 - REDL	MW-21	0 S1-	138 I S1+	85 I	97	134 S1+	107 I
860-87137-4	MW-17	162 S1+	92	96	124	64	171 S1+
860-87137-4 - DL	MW-17	119	70	69	68	50	87
860-87137-4 - RE	MW-17	81 I	72	67	66	42	85
860-87137-4 - DL2	MW-17	0 S1-	76 I	70	97	73 I	113 I
860-87137-4 - REDL	MW-17	0 S1-	81	71 I	77	45	105
860-87137-5	MW-08	146 S1+	87	110	119	77	158 S1+
860-87137-5 - DL	MW-08	127 I	73	84	67 I	85 I	105
860-87137-5 - RE	MW-08	154 I S1+	62	73	89	64	84
860-87137-6	MW-13	149 S1+	104	106	122	68	145 S1+
860-87137-6 - DL	MW-13	176 S1+	69	70	71	52	89
860-87137-6 - RE	MW-13	185 I S1+	69	65	82	60	89 I
860-87137-7	DUPE-01	140 S1+	95	83	116	49	131 S1+
860-87137-7 - DL	DUPE-01	207 I S1+	65	67	75	46	83 I
860-87137-7 - RE	DUPE-01	118 I	81	53 I	68	38 I	54
LCS 860-200553/2-A	Lab Control Sample	139 S1+	121	71	113	48	97
LCS 860-200553/4-A	Lab Control Sample	121	110	71	111	63	99

Surrogate Summary

Client: Ashland LLC
Job ID: 860-87137-1
Project/Site: Hercules Hattiesburg, MS

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TBP (35-130)	FBP (43-130)	2FP (19-120)	NBZ (37-133)	PHL (8-124)	TPHd14 (47-130)		
LCS 860-205841/2-A	Lab Control Sample	98	87	49	97	33	105		
LCS 860-205841/4-A	Lab Control Sample	93	84	54	99	34	100		
LCSD 860-200553/3-A	Lab Control Sample Dup	131 S1+	119	62	108	44	94		
LCSD 860-200553/5-A	Lab Control Sample Dup	116	106	71	105	61	93		
LCSD 860-205841/3-A	Lab Control Sample Dup	87	84	52	98	34	108		
LCSD 860-205841/5-A	Lab Control Sample Dup	88	81	58	93	42	87		
MB 860-200553/1-A	Method Blank	114	98	56	89	37	78		
MB 860-205841/1-A	Method Blank	74	84	55	95	33	112		

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-200630/16
Matrix: Water
Analysis Batch: 200630

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.644	U	1.00	0.644	ug/L			11/19/24 13:43	1
1,1,1-Trichloroethane	<0.585	U	5.00	0.585	ug/L			11/19/24 13:43	1
1,1,2,2-Tetrachloroethane	<0.470	U	1.00	0.470	ug/L			11/19/24 13:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	10.0	1.11	ug/L			11/19/24 13:43	1
1,1,2-Trichloroethane	<0.411	U	1.00	0.411	ug/L			11/19/24 13:43	1
1,1-Dichloroethane	<0.635	U	1.00	0.635	ug/L			11/19/24 13:43	1
1,1-Dichloroethene	<0.738	U	1.00	0.738	ug/L			11/19/24 13:43	1
1,2,3-Trichloropropane	<0.470	U	1.00	0.470	ug/L			11/19/24 13:43	1
1,2,4-Trimethylbenzene	<0.417	U	1.00	0.417	ug/L			11/19/24 13:43	1
1,2-Dibromo-3-Chloropropane	<0.671	U	5.00	0.671	ug/L			11/19/24 13:43	1
1,2-Dibromoethane	<0.999	U	5.00	0.999	ug/L			11/19/24 13:43	1
1,2-Dichloroethane	<0.372	U	1.00	0.372	ug/L			11/19/24 13:43	1
1,2-Dichloropropane	<0.556	U	5.00	0.556	ug/L			11/19/24 13:43	1
1,3,5-Trimethylbenzene	<0.411	U	1.00	0.411	ug/L			11/19/24 13:43	1
1,3-Butadiene	<0.568	U	1.00	0.568	ug/L			11/19/24 13:43	1
2,2,4-Trimethylpentane	<0.500	U	5.00	0.500	ug/L			11/19/24 13:43	1
2-Butanone (MEK)	<8.28	U	50.0	8.28	ug/L			11/19/24 13:43	1
2-Hexanone (MBK)	<5.00	U	50.0	5.00	ug/L			11/19/24 13:43	1
2-Propanol	<5.23	U	10.0	5.23	ug/L			11/19/24 13:43	1
3-Chloropropene (Allyl Chloride)	<0.597	U	5.00	0.597	ug/L			11/19/24 13:43	1
4-Methyl-2-pentanone	<5.00	U	50.0	5.00	ug/L			11/19/24 13:43	1
Acetone	<3.07	U	100	3.07	ug/L			11/19/24 13:43	1
Acetonitrile	<14.6	U	100	14.6	ug/L			11/19/24 13:43	1
Acrolein	<11.1	U	50.0	11.1	ug/L			11/19/24 13:43	1
Acrylonitrile	<14.3	U	50.0	14.3	ug/L			11/19/24 13:43	1
alpha-Chlorotoluene	<2.26	U	5.00	2.26	ug/L			11/19/24 13:43	1
Benzene	<0.460	U	1.00	0.460	ug/L			11/19/24 13:43	1
Bromodichloromethane	<0.552	U	1.00	0.552	ug/L			11/19/24 13:43	1
Bromoform	<0.633	U	5.00	0.633	ug/L			11/19/24 13:43	1
Bromomethane	<1.42	U	5.00	1.42	ug/L			11/19/24 13:43	1
Carbon disulfide	<1.65	U	5.00	1.65	ug/L			11/19/24 13:43	1
Carbon tetrachloride	<0.896	U	5.00	0.896	ug/L			11/19/24 13:43	1
Chlorobenzene	<0.455	U	1.00	0.455	ug/L			11/19/24 13:43	1
Chlorodibromomethane	<0.547	U	5.00	0.547	ug/L			11/19/24 13:43	1
Chloroethane	<1.98	U	10.0	1.98	ug/L			11/19/24 13:43	1
Chloroform	<0.464	U	1.00	0.464	ug/L			11/19/24 13:43	1
Chloromethane	<2.04	U	10.0	2.04	ug/L			11/19/24 13:43	1
Chloroprene	<0.598	U	5.00	0.598	ug/L			11/19/24 13:43	1
cis-1,2-Dichloroethene	<0.457	U	1.00	0.457	ug/L			11/19/24 13:43	1
cis-1,3-Dichloropropene	<1.07	U	5.00	1.07	ug/L			11/19/24 13:43	1
Cumene (isopropylbenzene)	<0.592	U	1.00	0.592	ug/L			11/19/24 13:43	1
Cyclohexane	<1.29	U	5.00	1.29	ug/L			11/19/24 13:43	1
Dibromomethane	<0.357	U	1.00	0.357	ug/L			11/19/24 13:43	1
Dichlorodifluoromethane	<0.785	U	1.00	0.785	ug/L			11/19/24 13:43	1
Ethyl methacrylate	<1.12	U	5.00	1.12	ug/L			11/19/24 13:43	1
Ethylbenzene	<0.385	U	1.00	0.385	ug/L			11/19/24 13:43	1
Hexane	<0.517	U	5.00	0.517	ug/L			11/19/24 13:43	1
Iodomethane	<5.00	U	20.0	5.00	ug/L			11/19/24 13:43	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-200630/16
Matrix: Water
Analysis Batch: 200630

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isobutanol	<17.1	U	50.0	17.1	ug/L			11/19/24 13:43	1
Methacrylonitrile	<2.72	U	10.0	2.72	ug/L			11/19/24 13:43	1
Methyl methacrylate	<2.25	U	10.0	2.25	ug/L			11/19/24 13:43	1
Methyl tert-butyl ether	<1.39	U	5.00	1.39	ug/L			11/19/24 13:43	1
Methylene Chloride	<1.73	U	5.00	1.73	ug/L			11/19/24 13:43	1
Propionitrile	<3.34	U	10.0	3.34	ug/L			11/19/24 13:43	1
Propylbenzene	<0.429	U	1.00	0.429	ug/L			11/19/24 13:43	1
Styrene	<0.619	U	1.00	0.619	ug/L			11/19/24 13:43	1
Tetrachloroethene	<0.655	U	1.00	0.655	ug/L			11/19/24 13:43	1
Tetrahydrofuran	<1.83	U	10.0	1.83	ug/L			11/19/24 13:43	1
Toluene	<0.475	U	1.00	0.475	ug/L			11/19/24 13:43	1
trans-1,2-Dichloroethene	<0.368	U	1.00	0.368	ug/L			11/19/24 13:43	1
trans-1,3-Dichloropropene	<1.27	U	5.00	1.27	ug/L			11/19/24 13:43	1
trans-1,4-Dichloro-2-butene	<1.35	U	10.0	1.35	ug/L			11/19/24 13:43	1
Trichloroethene	<1.50	U	5.00	1.50	ug/L			11/19/24 13:43	1
Trichlorofluoromethane	<0.560	U	1.00	0.560	ug/L			11/19/24 13:43	1
Vinyl acetate	<2.14	U	20.0	2.14	ug/L			11/19/24 13:43	1
Vinyl chloride	<0.428	U	2.00	0.428	ug/L			11/19/24 13:43	1
Xylenes, Total	<1.24	U	10.0	1.24	ug/L			11/19/24 13:43	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			11/19/24 13:43	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			11/19/24 13:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*11/19/24 13:43*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*11/19/24 13:43*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*11/19/24 13:43*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/19/24 13:43*	*1*

Lab Sample ID: LCS 860-200630/1010
Matrix: Water
Analysis Batch: 200630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	57.85		ug/L		116	72 - 125
1,1,1-Trichloroethane	50.0	58.72		ug/L		117	70 - 130
1,1,2,2-Tetrachloroethane	50.0	54.35		ug/L		109	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	55.28		ug/L		111	60 - 140
1,1,2-Trichloroethane	50.0	56.75		ug/L		114	75 - 130
1,1-Dichloroethane	50.0	59.60		ug/L		119	71 - 130
1,1-Dichloroethene	50.0	55.93		ug/L		112	50 - 150
1,2,3-Trichloropropane	50.0	57.22		ug/L		114	75 - 125
1,2,4-Trimethylbenzene	50.0	56.72		ug/L		113	75 - 125
1,2-Dibromo-3-Chloropropane	50.0	55.94		ug/L		112	59 - 125
1,2-Dibromoethane	50.0	56.26		ug/L		113	73 - 125
1,2-Dichloroethane	50.0	55.56		ug/L		111	72 - 130
1,2-Dichloropropane	50.0	57.15		ug/L		114	74 - 125
1,3,5-Trimethylbenzene	50.0	56.84		ug/L		114	60 - 140
1,3-Butadiene	50.0	52.70		ug/L		105	60 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-200630/1010
Matrix: Water
Analysis Batch: 200630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,2,4-Trimethylpentane	50.0	53.19		ug/L		106	70 - 130
2-Butanone (MEK)	250	260.6		ug/L		104	60 - 140
2-Hexanone (MBK)	250	272.1		ug/L		109	60 - 140
2-Propanol	500	535.3		ug/L		107	70 - 120
3-Chloropropene (Allyl Chloride)	50.0	54.97		ug/L		110	70 - 130
4-Methyl-2-pentanone	250	271.3		ug/L		109	60 - 140
Acetone	250	265.5		ug/L		106	60 - 140
Acetonitrile	500	549.7		ug/L		110	60 - 140
Acrolein	250	274.0		ug/L		110	60 - 140
Acrylonitrile	500	543.9		ug/L		109	60 - 140
alpha-Chlorotoluene	50.0	56.15		ug/L		112	75 - 125
Benzene	50.0	57.32		ug/L		115	75 - 125
Bromodichloromethane	50.0	58.23		ug/L		116	75 - 125
Bromoform	50.0	54.94		ug/L		110	70 - 130
Bromomethane	50.0	44.31		ug/L		89	60 - 140
Carbon disulfide	50.0	60.01		ug/L		120	60 - 140
Carbon tetrachloride	50.0	56.34		ug/L		113	70 - 125
Chlorobenzene	50.0	56.38		ug/L		113	82 - 135
Chlorodibromomethane	50.0	58.19		ug/L		116	73 - 125
Chloroethane	50.0	53.36		ug/L		107	60 - 140
Chloroform	50.0	57.45		ug/L		115	70 - 121
Chloromethane	50.0	52.26		ug/L		105	60 - 140
Chloroprene	50.0	58.02		ug/L		116	70 - 130
cis-1,2-Dichloroethene	50.0	56.82		ug/L		114	75 - 125
cis-1,3-Dichloropropene	50.0	57.17		ug/L		114	74 - 125
Cumene (isopropylbenzene)	50.0	57.27		ug/L		115	75 - 125
Cyclohexane	50.0	54.09		ug/L		108	70 - 130
Dibromomethane	50.0	58.07		ug/L		116	69 - 127
Dichlorodifluoromethane	50.0	51.80		ug/L		104	50 - 150
Ethyl methacrylate	50.0	56.39		ug/L		113	70 - 130
Ethylbenzene	50.0	57.70		ug/L		115	75 - 125
Hexane	50.0	54.97		ug/L		110	72 - 125
Iodomethane	50.0	71.98	*+	ug/L		144	75 - 125
Isobutanol	1240	1358		ug/L		110	60 - 140
Methacrylonitrile	500	542.6		ug/L		109	70 - 130
Methyl methacrylate	100	109.8		ug/L		110	70 - 130
Methyl tert-butyl ether	50.0	56.13		ug/L		112	65 - 135
Methylene Chloride	50.0	55.94		ug/L		112	71 - 125
Propionitrile	500	535.8		ug/L		107	70 - 130
Propylbenzene	50.0	57.21		ug/L		114	75 - 125
Styrene	50.0	57.45		ug/L		115	75 - 125
Tetrachloroethene	50.0	58.25		ug/L		117	71 - 125
Tetrahydrofuran	100	103.5		ug/L		103	75 - 125
Toluene	50.0	57.15		ug/L		114	75 - 130
trans-1,2-Dichloroethene	50.0	55.73		ug/L		111	75 - 125
trans-1,3-Dichloropropene	50.0	56.82		ug/L		114	66 - 125
trans-1,4-Dichloro-2-butene	50.0	54.86		ug/L		110	70 - 130
Trichloroethene	50.0	59.54		ug/L		119	75 - 135
Trichlorofluoromethane	50.0	54.02		ug/L		108	60 - 140

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-200630/1010
Matrix: Water
Analysis Batch: 200630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Vinyl acetate			250	258.5		ug/L		103	60 - 140		
Vinyl chloride			50.0	52.33		ug/L		105	60 - 140		
Xylenes, Total			100	113.6		ug/L		114	75 - 125		
m,p-Xylenes			0.0500	0.05673		mg/L		113	75 - 125		
o-Xylene			0.0500	0.05690		mg/L		114	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 860-200630/11
Matrix: Water
Analysis Batch: 200630

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	54.22		ug/L		108	72 - 125	6	25
1,1,1-Trichloroethane			50.0	53.34		ug/L		107	70 - 130	10	25
1,1,2,2-Tetrachloroethane			50.0	52.93		ug/L		106	74 - 125	3	25
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	50.00		ug/L		100	60 - 140	10	25
1,1,2-Trichloroethane			50.0	53.20		ug/L		106	75 - 130	6	25
1,1-Dichloroethane			50.0	54.23		ug/L		108	71 - 130	9	25
1,1-Dichloroethene			50.0	49.55		ug/L		99	50 - 150	12	25
1,2,3-Trichloropropane			50.0	54.93		ug/L		110	75 - 125	4	25
1,2,4-Trimethylbenzene			50.0	54.47		ug/L		109	75 - 125	4	25
1,2-Dibromo-3-Chloropropane			50.0	53.95		ug/L		108	59 - 125	4	25
1,2-Dibromoethane			50.0	53.07		ug/L		106	73 - 125	6	25
1,2-Dichloroethane			50.0	52.14		ug/L		104	72 - 130	6	25
1,2-Dichloropropane			50.0	53.47		ug/L		107	74 - 125	7	25
1,3,5-Trimethylbenzene			50.0	54.46		ug/L		109	60 - 140	4	25
1,3-Butadiene			50.0	50.56		ug/L		101	60 - 150	4	25
2,2,4-Trimethylpentane			50.0	50.53		ug/L		101	70 - 130	5	25
2-Butanone (MEK)			250	246.5		ug/L		99	60 - 140	6	25
2-Hexanone (MBK)			250	254.8		ug/L		102	60 - 140	7	25
2-Propanol			500	501.7		ug/L		100	70 - 120	6	25
3-Chloropropene (Allyl Chloride)			50.0	51.91		ug/L		104	70 - 130	6	25
4-Methyl-2-pentanone			250	256.2		ug/L		102	60 - 140	6	25
Acetone			250	249.2		ug/L		100	60 - 140	6	25
Acetonitrile			500	519.1		ug/L		104	60 - 140	6	25
Acrolein			250	262.7		ug/L		105	60 - 140	4	25
Acrylonitrile			500	519.8		ug/L		104	60 - 140	5	25
alpha-Chlorotoluene			50.0	53.17		ug/L		106	75 - 125	5	25
Benzene			50.0	52.16		ug/L		104	75 - 125	9	25
Bromodichloromethane			50.0	54.63		ug/L		109	75 - 125	6	25
Bromoform			50.0	52.30		ug/L		105	70 - 130	5	25
Bromomethane			50.0	42.75		ug/L		85	60 - 140	4	25
Carbon disulfide			50.0	53.99		ug/L		108	60 - 140	11	25

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-200630/11
Matrix: Water
Analysis Batch: 200630

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Carbon tetrachloride			50.0	51.29		ug/L		103	70 - 125	9	25
Chlorobenzene			50.0	52.39		ug/L		105	82 - 135	7	25
Chlorodibromomethane			50.0	55.15		ug/L		110	73 - 125	5	25
Chloroethane			50.0	51.64		ug/L		103	60 - 140	3	25
Chloroform			50.0	53.09		ug/L		106	70 - 121	8	25
Chloromethane			50.0	50.15		ug/L		100	60 - 140	4	25
Chloroprene			50.0	53.49		ug/L		107	70 - 130	8	25
cis-1,2-Dichloroethene			50.0	51.88		ug/L		104	75 - 125	9	25
cis-1,3-Dichloropropene			50.0	52.88		ug/L		106	74 - 125	8	25
Cumene (isopropylbenzene)			50.0	53.84		ug/L		108	75 - 125	6	25
Cyclohexane			50.0	49.87		ug/L		100	70 - 130	8	25
Dibromomethane			50.0	54.30		ug/L		109	69 - 127	7	25
Dichlorodifluoromethane			50.0	50.36		ug/L		101	50 - 150	3	25
Ethyl methacrylate			50.0	53.28		ug/L		107	70 - 130	6	25
Ethylbenzene			50.0	53.17		ug/L		106	75 - 125	8	25
Hexane			50.0	50.95		ug/L		102	72 - 125	8	25
Iodomethane			50.0	68.22	*+	ug/L		136	75 - 125	5	25
Isobutanol			1240	1258		ug/L		101	60 - 140	8	25
Methacrylonitrile			500	516.4		ug/L		103	70 - 130	5	25
Methyl methacrylate			100	103.9		ug/L		104	70 - 130	5	25
Methyl tert-butyl ether			50.0	53.18		ug/L		106	65 - 135	5	25
Methylene Chloride			50.0	50.39		ug/L		101	71 - 125	10	25
Propionitrile			500	515.5		ug/L		103	70 - 130	4	25
Propylbenzene			50.0	54.45		ug/L		109	75 - 125	5	25
Styrene			50.0	54.13		ug/L		108	75 - 125	6	25
Tetrachloroethene			50.0	53.83		ug/L		108	71 - 125	8	25
Tetrahydrofuran			100	100.8		ug/L		101	75 - 125	3	25
Toluene			50.0	52.51		ug/L		105	75 - 130	8	25
trans-1,2-Dichloroethene			50.0	50.54		ug/L		101	75 - 125	10	25
trans-1,3-Dichloropropene			50.0	53.20		ug/L		106	66 - 125	7	25
trans-1,4-Dichloro-2-butene			50.0	52.09		ug/L		104	70 - 130	5	25
Trichloroethene			50.0	54.92		ug/L		110	75 - 135	8	25
Trichlorofluoromethane			50.0	50.61		ug/L		101	60 - 140	7	25
Vinyl acetate			250	248.1		ug/L		99	60 - 140	4	25
Vinyl chloride			50.0	51.65		ug/L		103	60 - 140	1	25
Xylenes, Total			100	105.8		ug/L		106	75 - 125	7	25
m,p-Xylenes			0.0500	0.05322		mg/L		106	75 - 125	6	25
o-Xylene			0.0500	0.05262		mg/L		105	75 - 125	8	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-87121-G-3 MS
Matrix: Water
Analysis Batch: 200630

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.644	U	50.0	57.69		ug/L		115	72 - 125
1,1,1-Trichloroethane	<0.585	U	50.0	60.18		ug/L		120	75 - 125
1,1,2,2-Tetrachloroethane	<0.470	U	50.0	54.88		ug/L		110	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.11	U	50.0	59.16		ug/L		118	60 - 140
1,1,2-Trichloroethane	<0.411	U	50.0	55.28		ug/L		111	75 - 127
1,1-Dichloroethane	<0.635	U	50.0	58.74		ug/L		117	72 - 125
1,1-Dichloroethene	<0.738	U	50.0	55.92		ug/L		112	59 - 172
1,2,3-Trichloropropane	<0.470	U	50.0	55.79		ug/L		112	75 - 125
1,2,4-Trimethylbenzene	<0.417	U	50.0	57.85		ug/L		116	75 - 125
1,2-Dibromo-3-Chloropropane	<0.671	U	50.0	52.71		ug/L		105	59 - 125
1,2-Dibromoethane	<0.999	U	50.0	54.59		ug/L		109	73 - 125
1,2-Dichloroethane	<0.372	U	50.0	54.02		ug/L		108	68 - 127
1,2-Dichloropropane	<0.556	U	50.0	57.16		ug/L		114	74 - 125
1,3,5-Trimethylbenzene	<0.411	U	50.0	58.54		ug/L		117	70 - 125
1,3-Butadiene	<0.568	U	50.0	53.19		ug/L		106	70 - 150
2,2,4-Trimethylpentane	<0.500	U	50.0	57.47		ug/L		115	70 - 130
2-Butanone (MEK)	<8.28	U	250	234.8		ug/L		94	60 - 140
2-Hexanone (MBK)	<5.00	U	250	256.4		ug/L		103	60 - 140
2-Propanol	<5.23	U	500	518.1		ug/L		104	70 - 120
3-Chloropropene (Allyl Chloride)	<0.597	U	50.0	53.63		ug/L		107	70 - 130
4-Methyl-2-pentanone	<5.00	U	250	261.0		ug/L		104	60 - 140
Acetone	35.6	J	250	259.5		ug/L		90	60 - 140
Acetonitrile	<14.6	U	500	536.3		ug/L		107	60 - 140
Acrolein	<11.1	U	250	265.4		ug/L		106	50 - 150
Acrylonitrile	<14.3	U	500	505.3		ug/L		101	50 - 150
alpha-Chlorotoluene	<2.26	U	50.0	61.94		ug/L		124	70 - 130
Benzene	<0.460	U	50.0	56.59		ug/L		113	66 - 142
Bromodichloromethane	<0.552	U	50.0	58.16		ug/L		116	75 - 125
Bromoform	<0.633	U	50.0	53.35		ug/L		107	75 - 125
Bromomethane	<1.42	U	50.0	42.70		ug/L		85	60 - 140
Carbon disulfide	<1.65	U	50.0	58.88		ug/L		118	60 - 140
Carbon tetrachloride	<0.896	U	50.0	58.87		ug/L		118	62 - 125
Chlorobenzene	<0.455	U	50.0	55.82		ug/L		112	60 - 133
Chlorodibromomethane	<0.547	U	50.0	58.18		ug/L		116	73 - 125
Chloroethane	<1.98	U	50.0	52.97		ug/L		106	60 - 140
Chloroform	<0.464	U	50.0	57.79		ug/L		116	70 - 130
Chloromethane	<2.04	U	50.0	48.52		ug/L		97	60 - 140
Chloroprene	<0.598	U	50.0	60.66		ug/L		121	70 - 130
cis-1,2-Dichloroethene	<0.457	U	50.0	57.30		ug/L		115	75 - 125
cis-1,3-Dichloropropene	<1.07	U	50.0	57.85		ug/L		116	74 - 125
Cumene (isopropylbenzene)	<0.592	U	50.0	58.13		ug/L		116	75 - 125
Cyclohexane	<1.29	U	50.0	57.97		ug/L		116	70 - 130
Dibromomethane	<0.357	U	50.0	56.24		ug/L		112	69 - 127
Dichlorodifluoromethane	<0.785	U	50.0	50.96		ug/L		102	70 - 130
Ethyl methacrylate	<1.12	U	50.0	55.76		ug/L		112	70 - 130
Ethylbenzene	<0.385	U	50.0	57.24		ug/L		114	75 - 125
Hexane	<0.517	U	50.0	58.82		ug/L		118	72 - 125
Iodomethane	<5.00	U F1 *+	50.0	73.26	F1	ug/L		147	75 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-87121-G-3 MS
Matrix: Water
Analysis Batch: 200630

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Isobutanol	<17.1	U	1240	1158		ug/L		93	60 - 140
Methacrylonitrile	<2.72	U	500	512.1		ug/L		102	70 - 130
Methyl methacrylate	<2.25	U	100	106.2		ug/L		106	70 - 130
Methyl tert-butyl ether	<1.39	U	50.0	55.76		ug/L		112	65 - 135
Methylene Chloride	<1.73	U	50.0	53.90		ug/L		108	75 - 125
Propionitrile	<3.34	U	500	498.4		ug/L		100	70 - 130
Propylbenzene	<0.429	U	50.0	58.85		ug/L		118	75 - 125
Styrene	<0.619	U	50.0	57.13		ug/L		114	75 - 125
Tetrachloroethene	<0.655	U	50.0	59.31		ug/L		119	71 - 125
Tetrahydrofuran	<1.83	U	100	96.61		ug/L		97	75 - 125
Toluene	<0.475	U	50.0	56.15		ug/L		112	59 - 139
trans-1,2-Dichloroethene	<0.368	U	50.0	55.62		ug/L		111	75 - 125
trans-1,3-Dichloropropene	<1.27	U	50.0	56.84		ug/L		114	66 - 125
trans-1,4-Dichloro-2-butene	<1.35	U	50.0	50.25		ug/L		101	70 - 130
Trichloroethene	<1.50	U	50.0	58.70		ug/L		117	62 - 137
Trichlorofluoromethane	<0.560	U	50.0	56.26		ug/L		113	60 - 140
Vinyl acetate	<2.14	U	250	283.0		ug/L		113	60 - 140
Vinyl chloride	<0.428	U	50.0	52.49		ug/L		105	60 - 140
Xylenes, Total	<1.24	U	100	113.1		ug/L		113	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.05675		mg/L		114	75 - 125
o-Xylene	<0.000502	U	0.0500	0.05630		mg/L		113	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-200553/1-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		11/19/24 05:14	11/21/24 00:07	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		11/19/24 05:14	11/21/24 00:07	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		11/19/24 05:14	11/21/24 00:07	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		11/19/24 05:14	11/21/24 00:07	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		11/19/24 05:14	11/21/24 00:07	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		11/19/24 05:14	11/21/24 00:07	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		11/19/24 05:14	11/21/24 00:07	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		11/19/24 05:14	11/21/24 00:07	1
2,4-Dimethylphenol	<0.192	U	0.571	0.192	ug/L		11/19/24 05:14	11/21/24 00:07	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		11/19/24 05:14	11/21/24 00:07	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		11/19/24 05:14	11/21/24 00:07	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		11/19/24 05:14	11/21/24 00:07	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		11/19/24 05:14	11/21/24 00:07	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		11/19/24 05:14	11/21/24 00:07	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-200553/1-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		11/19/24 05:14	11/21/24 00:07	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		11/19/24 05:14	11/21/24 00:07	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		11/19/24 05:14	11/21/24 00:07	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		11/19/24 05:14	11/21/24 00:07	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		11/19/24 05:14	11/21/24 00:07	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		11/19/24 05:14	11/21/24 00:07	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		11/19/24 05:14	11/21/24 00:07	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		11/19/24 05:14	11/21/24 00:07	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		11/19/24 05:14	11/21/24 00:07	1
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		11/19/24 05:14	11/21/24 00:07	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		11/19/24 05:14	11/21/24 00:07	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		11/19/24 05:14	11/21/24 00:07	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		11/19/24 05:14	11/21/24 00:07	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		11/19/24 05:14	11/21/24 00:07	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		11/19/24 05:14	11/21/24 00:07	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		11/19/24 05:14	11/21/24 00:07	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		11/19/24 05:14	11/21/24 00:07	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		11/19/24 05:14	11/21/24 00:07	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		11/19/24 05:14	11/21/24 00:07	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		11/19/24 05:14	11/21/24 00:07	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		11/19/24 05:14	11/21/24 00:07	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		11/19/24 05:14	11/21/24 00:07	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		11/19/24 05:14	11/21/24 00:07	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		11/19/24 05:14	11/21/24 00:07	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		11/19/24 05:14	11/21/24 00:07	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		11/19/24 05:14	11/21/24 00:07	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		11/19/24 05:14	11/21/24 00:07	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		11/19/24 05:14	11/21/24 00:07	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		11/19/24 05:14	11/21/24 00:07	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		11/19/24 05:14	11/21/24 00:07	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		11/19/24 05:14	11/21/24 00:07	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		11/19/24 05:14	11/21/24 00:07	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		11/19/24 05:14	11/21/24 00:07	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		11/19/24 05:14	11/21/24 00:07	1
Fluorene	<0.0948	U	0.571	0.0948	ug/L		11/19/24 05:14	11/21/24 00:07	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		11/19/24 05:14	11/21/24 00:07	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		11/19/24 05:14	11/21/24 00:07	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		11/19/24 05:14	11/21/24 00:07	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		11/19/24 05:14	11/21/24 00:07	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		11/19/24 05:14	11/21/24 00:07	1
Isophorone	<0.107	U	0.571	0.107	ug/L		11/19/24 05:14	11/21/24 00:07	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		11/19/24 05:14	11/21/24 00:07	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		11/19/24 05:14	11/21/24 00:07	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		11/19/24 05:14	11/21/24 00:07	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		11/19/24 05:14	11/21/24 00:07	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		11/19/24 05:14	11/21/24 00:07	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		11/19/24 05:14	11/21/24 00:07	1
Phenol	<1.14	U	1.14	1.14	ug/L		11/19/24 05:14	11/21/24 00:07	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		11/19/24 05:14	11/21/24 00:07	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-200553/1-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	<1.44	U	2.86	1.44	ug/L		11/19/24 05:14	11/21/24 00:07	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		11/19/24 05:14	11/21/24 00:07	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		11/19/24 05:14	11/21/24 00:07	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		11/19/24 05:14	11/21/24 00:07	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		11/19/24 05:14	11/21/24 00:07	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		11/19/24 05:14	11/21/24 00:07	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		11/19/24 05:14	11/21/24 00:07	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		11/19/24 05:14	11/21/24 00:07	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		11/19/24 05:14	11/21/24 00:07	1
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		11/19/24 05:14	11/21/24 00:07	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		11/19/24 05:14	11/21/24 00:07	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		11/19/24 05:14	11/21/24 00:07	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		11/19/24 05:14	11/21/24 00:07	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		11/19/24 05:14	11/21/24 00:07	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		11/19/24 05:14	11/21/24 00:07	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		11/19/24 05:14	11/21/24 00:07	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		11/19/24 05:14	11/21/24 00:07	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		11/19/24 05:14	11/21/24 00:07	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		11/19/24 05:14	11/21/24 00:07	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		11/19/24 05:14	11/21/24 00:07	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		11/19/24 05:14	11/21/24 00:07	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		11/19/24 05:14	11/21/24 00:07	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		11/19/24 05:14	11/21/24 00:07	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		11/19/24 05:14	11/21/24 00:07	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		11/19/24 05:14	11/21/24 00:07	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		11/19/24 05:14	11/21/24 00:07	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		11/19/24 05:14	11/21/24 00:07	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		11/19/24 05:14	11/21/24 00:07	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		11/19/24 05:14	11/21/24 00:07	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		11/19/24 05:14	11/21/24 00:07	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		11/19/24 05:14	11/21/24 00:07	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		11/19/24 05:14	11/21/24 00:07	1
Dimethoate	<0.122	U	0.571	0.122	ug/L		11/19/24 05:14	11/21/24 00:07	1
Dinoseb	<0.570	U	2.86	0.570	ug/L		11/19/24 05:14	11/21/24 00:07	1
Disulfoton	<0.203	U	0.571	0.203	ug/L		11/19/24 05:14	11/21/24 00:07	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		11/19/24 05:14	11/21/24 00:07	1
Ethyl Parathion	<0.0502	U	0.229	0.0502	ug/L		11/19/24 05:14	11/21/24 00:07	1
Famphur	<0.151	U	1.14	0.151	ug/L		11/19/24 05:14	11/21/24 00:07	1
Hexachloropropene	<0.300	U	0.571	0.300	ug/L		11/19/24 05:14	11/21/24 00:07	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		11/19/24 05:14	11/21/24 00:07	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		11/19/24 05:14	11/21/24 00:07	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		11/19/24 05:14	11/21/24 00:07	1
Methapyrilene	<1.00	U	2.29	1.00	ug/L		11/19/24 05:14	11/21/24 00:07	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		11/19/24 05:14	11/21/24 00:07	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		11/19/24 05:14	11/21/24 00:07	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		11/19/24 05:14	11/21/24 00:07	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		11/19/24 05:14	11/21/24 00:07	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		11/19/24 05:14	11/21/24 00:07	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		11/19/24 05:14	11/21/24 00:07	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-200553/1-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		11/19/24 05:14	11/21/24 00:07	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		11/19/24 05:14	11/21/24 00:07	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		11/19/24 05:14	11/21/24 00:07	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		11/19/24 05:14	11/21/24 00:07	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		11/19/24 05:14	11/21/24 00:07	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		11/19/24 05:14	11/21/24 00:07	1
Phorate	<0.221	U	0.571	0.221	ug/L		11/19/24 05:14	11/21/24 00:07	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		11/19/24 05:14	11/21/24 00:07	1
Pronamide	<0.100	U	0.571	0.100	ug/L		11/19/24 05:14	11/21/24 00:07	1
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		11/19/24 05:14	11/21/24 00:07	1
Sulfotepp	<0.147	U	0.571	0.147	ug/L		11/19/24 05:14	11/21/24 00:07	1
Thionazin	<0.208	U	1.14	0.208	ug/L		11/19/24 05:14	11/21/24 00:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*114*		*35 - 130*	*11/19/24 05:14*	*11/21/24 00:07*	*1*
2-Fluorobiphenyl	*98*		*43 - 130*	*11/19/24 05:14*	*11/21/24 00:07*	*1*
2-Fluorophenol (Surr)	*56*		*19 - 120*	*11/19/24 05:14*	*11/21/24 00:07*	*1*
Nitrobenzene-d5 (Surr)	*89*		*37 - 133*	*11/19/24 05:14*	*11/21/24 00:07*	*1*
Phenol-d5 (Surr)	*37*		*8 - 124*	*11/19/24 05:14*	*11/21/24 00:07*	*1*
p-Terphenyl-d14	*78*		*47 - 130*	*11/19/24 05:14*	*11/21/24 00:07*	*1*

Lab Sample ID: LCS 860-200553/2-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200553

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	2.86	2.914		ug/L		102	32 - 130
1,2-Dichlorobenzene	2.86	3.408		ug/L		119	32 - 130
1,3-Dichlorobenzene	2.86	3.475		ug/L		122	26 - 130
1,4-Dichlorobenzene	2.86	3.456		ug/L		121	28 - 130
2,2'-oxybis[1-chloropropane]	2.86	4.041	I	ug/L		141	10 - 173
2,4,5-Trichlorophenol	2.86	3.905	*+	ug/L		137	35 - 130
2,4,6-Trichlorophenol	2.86	3.809	*+	ug/L		133	52 - 129
2,4-Dichlorophenol	2.86	3.059		ug/L		107	53 - 122
2,4-Dimethylphenol	2.86	4.184	*+	ug/L		146	42 - 120
1,4-Dioxane	2.86	1.040		ug/L		36	27 - 130
2,4-Dinitrophenol	2.86	1.513	J	ug/L		53	12 - 173
2,4-Dinitrotoluene	2.86	3.519		ug/L		123	48 - 127
2,6-Dinitrotoluene	2.86	3.082		ug/L		108	68 - 137
2-Chloronaphthalene	2.86	2.690		ug/L		94	10 - 130
2-Methylnaphthalene	2.86	2.497		ug/L		87	25 - 175
2-Methylphenol	2.86	3.109		ug/L		109	14 - 176
2-Nitroaniline	2.86	3.713		ug/L		130	59 - 130
2-Nitrophenol	2.86	3.502		ug/L		123	45 - 167
3 & 4 Methylphenol	2.86	3.087	I	ug/L		108	22 - 130
3-Nitroaniline	2.86	2.292		ug/L		80	30 - 130
4,6-Dinitro-2-methylphenol	2.86	2.620		ug/L		92	10 - 130
4-Bromophenyl phenyl ether	2.86	3.696	*+	ug/L		129	65 - 120

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-200553/2-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200553

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chloro-3-methylphenol	2.86	3.550		ug/L		124	41 - 128
4-Chloroaniline	2.86	1.647		ug/L		58	30 - 130
4-Chlorophenyl phenyl ether	2.86	3.911		ug/L		137	38 - 145
4-Nitroaniline	2.86	3.205		ug/L		112	42 - 125
Acenaphthene	2.86	3.277		ug/L		115	60 - 132
Acenaphthylene	2.86	3.300		ug/L		115	54 - 126
Aniline	2.86	1.548		ug/L		54	15 - 130
Anthracene	2.86	2.787		ug/L		98	43 - 135
Benzo[a]anthracene	2.86	3.825	*+	ug/L		134	42 - 133
Benzo[a]pyrene	2.86	3.443		ug/L		121	32 - 148
Benzo[b]fluoranthene	2.86	4.155	*+	ug/L		145	42 - 140
Benzo[g,h,i]perylene	2.86	3.277		ug/L		115	25 - 195
Benzo[k]fluoranthene	2.86	3.729		ug/L		131	25 - 146
Benzyl alcohol	2.86	2.281		ug/L		80	57 - 130
Bis(2-chloroethoxy)methane	2.86	3.727		ug/L		130	49 - 165
Bis(2-chloroethyl)ether	2.86	4.839	*+	ug/L		169	43 - 126
Bis(2-ethylhexyl) phthalate	2.86	3.482		ug/L		122	29 - 137
Butyl benzyl phthalate	2.86	3.171		ug/L		111	28 - 130
Chrysene	2.86	3.699		ug/L		129	47 - 130
Dibenz(a,h)anthracene	2.86	3.347		ug/L		117	32 - 200
Dibenzofuran	2.86	3.783	*+	ug/L		132	48 - 130
Diethyl phthalate	2.86	3.171		ug/L		111	53 - 120
Dimethyl phthalate	2.86	3.080		ug/L		108	67 - 120
Di-n-butyl phthalate	2.86	3.302		ug/L		116	8 - 120
Di-n-octyl phthalate	2.86	3.752		ug/L		131	19 - 200
Fluoranthene	2.86	3.590		ug/L		126	43 - 130
Fluorene	2.86	3.116		ug/L		109	70 - 130
Hexachlorobenzene	2.86	3.563		ug/L		125	8 - 142
Hexachlorobutadiene	2.86	2.323		ug/L		81	10 - 130
Hexachlorocyclopentadiene	2.86	4.583	*+	ug/L		160	10 - 130
Hexachloroethane	2.86	2.106		ug/L		74	10 - 130
Indeno[1,2,3-cd]pyrene	2.86	3.311		ug/L		116	29 - 151
Isophorone	2.86	3.222		ug/L		113	47 - 180
Naphthalene	2.86	3.047		ug/L		107	36 - 120
Nitrobenzene	2.86	2.975		ug/L		104	54 - 130
N-Nitrosodi-n-propylamine	2.86	4.075		ug/L		143	14 - 198
N-Nitrosodiphenylamine	2.86	3.739	*+	ug/L		131	40 - 127
Pentachlorophenol	2.86	3.097		ug/L		108	38 - 152
Phenanthrene	2.86	3.139		ug/L		110	65 - 120
Phenol	2.86	1.311		ug/L		46	17 - 120
Pyrene	2.86	3.549		ug/L		124	70 - 130
Pyridine	2.86	<1.44	U	ug/L		39	1 - 126
N-Nitro-o-toluidine	2.86	2.594		ug/L		91	47 - 130
2,3,4,6-Tetrachlorophenol	2.86	3.753		ug/L		131	33 - 132
Acetophenone	2.86	4.382	*+	ug/L		153	58 - 130
N-Nitrosopiperidine	2.86	2.515		ug/L		88	54 - 130
Pentachlorobenzene	2.86	2.863		ug/L		100	47 - 130
Diphenyl ether	2.86	3.319		ug/L		116	61 - 130
1,1'-Biphenyl	2.86	3.464		ug/L		121	52 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-200553/2-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200553

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Aminobiphenyl	2.86	2.227		ug/L		78	35 - 130
1,2,4,5-Tetrachlorobenzene	2.86	2.984		ug/L		104	52 - 130
1,3,5-Trinitrobenzene	2.86	3.323		ug/L		116	42 - 130
1,3-Dinitrobenzene	2.86	2.945		ug/L		103	54 - 130
1,4-Naphthoquinone	2.86	2.429		ug/L		85	34 - 130
1-Naphthylamine	2.86	1.325		ug/L		46	40 - 130
2,6-Dichlorophenol	2.86	3.091		ug/L		108	40 - 130
2-Acetylaminofluorene	2.86	4.886	*+	ug/L		171	50 - 150
2-Chlorophenol	2.86	3.449	*+	ug/L		121	36 - 120
2-Naphthylamine	2.86	1.569		ug/L		55	30 - 130
2-Picoline	2.86	1.309		ug/L		46	22 - 130
2-Toluidine	2.86	1.890		ug/L		66	30 - 130
3,3'-Dichlorobenzidine	2.86	3.580		ug/L		125	20 - 150
3,3'-Dimethylbenzidine	2.86	1.010		ug/L		35	30 - 130
3-Methylcholanthrene	2.86	3.208		ug/L		112	53 - 130
4-Nitroquinoline-1-oxide	2.86	2.425		ug/L		85	39 - 130
7,12-Dimethylbenz(a)anthracene	2.86	3.787	*+	ug/L		133	63 - 130
alpha,alpha-Dimethyl phenethylamine	2.86	<3.67	U *-	ug/L		0	20 - 130
Aramite Peak 1	1.43	2.057	*+	ug/L		144	69 - 130
Aramite Peak 2	1.43	2.067	*+	ug/L		145	65 - 130
Diallate Peak 1	2.11	2.631		ug/L		124	69 - 130
Diallate Peak 2	0.743	0.8510		ug/L		115	67 - 130
Ethyl methanesulfonate	2.86	2.743		ug/L		96	54 - 130
Hexachloropropene	2.86	2.116		ug/L		74	37 - 130
Isosafrole Peak 1	0.457	0.4948	J	ug/L		108	54 - 130
Isosafrole Peak 2	2.40	2.611		ug/L		109	62 - 130
Methyl methanesulfonate	2.86	1.246		ug/L		44	30 - 130
N-Nitrosodiethylamine	2.86	3.482		ug/L		122	54 - 130
N-Nitrosodimethylamine	2.86	0.6844	*-	ug/L		24	28 - 126
N-Nitrosodi-n-butylamine	2.86	3.692		ug/L		129	58 - 130
N-Nitrosomethylethylamine	2.86	2.101		ug/L		74	45 - 130
N-Nitrosomorpholine	2.86	1.541		ug/L		54	37 - 130
N-Nitrosopyrrolidine	2.86	1.603		ug/L		56	47 - 130
p-Dimethylamino azobenzene	2.86	3.096		ug/L		108	61 - 130
Pentachloronitrobenzene	2.86	3.290		ug/L		115	56 - 130
Phenacetin	2.86	3.767	*+	ug/L		132	70 - 130
p-Phenylene diamine	2.86	<0.500	U *-	ug/L		0	3 - 120
Pronamide	2.86	4.211	*+	ug/L		147	70 - 130
Safrole, Total	2.86	3.021		ug/L		106	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*139*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*121*		*43 - 130*
2-Fluorophenol (Surr)	*71*		*19 - 120*
Nitrobenzene-d5 (Surr)	*113*		*37 - 133*
Phenol-d5 (Surr)	*48*		*8 - 124*
p-Terphenyl-d14	*97*		*47 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-200553/4-A
Matrix: Water
Analysis Batch: 201887

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200553

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Dimethoate			2.86	10.97	*+	ug/L		384	45 - 138		
Dinoseb			5.71	15.13	*+	ug/L		265	49 - 130		
Disulfoton			5.71	9.987	*+	ug/L		175	38 - 134		
Ethyl Parathion			2.86	14.18	*+	ug/L		496	25 - 173		
Famphur			2.86	6.635	*+	ug/L		232	43 - 142		
Methyl parathion			5.71	13.08	*+	ug/L		229	26 - 159		
o,o',o''-Triethylphosphorothioate			2.86	4.144	*+	ug/L		145	43 - 130		
Phorate			5.71	10.40	*+	ug/L		182	37 - 140		
Sulfotepp			2.86	10.67	*+	ug/L		374	28 - 158		
Thionazin			2.86	5.883	*+	ug/L		206	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*121*		*35 - 130*
2-Fluorobiphenyl	*110*		*43 - 130*
2-Fluorophenol (Surr)	*71*		*19 - 120*
Nitrobenzene-d5 (Surr)	*111*		*37 - 133*
Phenol-d5 (Surr)	*63*		*8 - 124*
p-Terphenyl-d14	*99*		*47 - 130*

Lab Sample ID: LCSD 860-200553/3-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200553

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			2.86	2.729		ug/L		96	32 - 130	7	30
1,2-Dichlorobenzene			2.86	2.999		ug/L		105	32 - 130	13	30
1,3-Dichlorobenzene			2.86	3.080		ug/L		108	26 - 130	12	30
1,4-Dichlorobenzene			2.86	3.108		ug/L		109	28 - 130	11	30
2,2'-oxybis[1-chloropropane]			2.86	4.509	I	ug/L		158	10 - 173	11	30
2,4,5-Trichlorophenol			2.86	3.686		ug/L		129	35 - 130	6	30
2,4,6-Trichlorophenol			2.86	3.626		ug/L		127	52 - 129	5	30
2,4-Dichlorophenol			2.86	2.918		ug/L		102	53 - 122	5	30
2,4-Dimethylphenol			2.86	4.106	*+	ug/L		144	42 - 120	2	30
1,4-Dioxane			2.86	0.9070		ug/L		32	27 - 130	14	30
2,4-Dinitrophenol			2.86	1.706	J	ug/L		60	12 - 173	12	30
2,4-Dinitrotoluene			2.86	3.514		ug/L		123	48 - 127	0	30
2,6-Dinitrotoluene			2.86	2.891		ug/L		101	68 - 137	6	30
2-Chloronaphthalene			2.86	2.620		ug/L		92	10 - 130	3	30
2-Methylnaphthalene			2.86	2.442		ug/L		85	25 - 175	2	30
2-Methylphenol			2.86	2.671		ug/L		93	14 - 176	15	30
2-Nitroaniline			2.86	3.740	*+	ug/L		131	59 - 130	1	30
2-Nitrophenol			2.86	3.312		ug/L		116	45 - 167	6	30
3 & 4 Methylphenol			2.86	2.771	I	ug/L		97	22 - 130	11	30
3-Nitroaniline			2.86	2.293		ug/L		80	30 - 130	0	30
4,6-Dinitro-2-methylphenol			2.86	2.395		ug/L		84	10 - 130	9	30
4-Bromophenyl phenyl ether			2.86	3.712	*+	ug/L		130	65 - 120	0	30
4-Chloro-3-methylphenol			2.86	3.460		ug/L		121	41 - 128	3	30
4-Chloroaniline			2.86	1.498		ug/L		52	30 - 130	9	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-200553/3-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200553

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Chlorophenyl phenyl ether	2.86	3.828		ug/L		134	38 - 145	2	30
4-Nitroaniline	2.86	3.169		ug/L		111	42 - 125	1	30
Acenaphthene	2.86	3.218		ug/L		113	60 - 132	2	30
Acenaphthylene	2.86	3.154		ug/L		110	54 - 126	5	30
Aniline	2.86	1.327		ug/L		46	15 - 130	15	30
Anthracene	2.86	2.796		ug/L		98	43 - 135	0	30
Benzo[a]anthracene	2.86	3.960	*+	ug/L		139	42 - 133	3	30
Benzo[a]pyrene	2.86	3.379		ug/L		118	32 - 148	2	30
Benzo[b]fluoranthene	2.86	4.315	*+	ug/L		151	42 - 140	4	30
Benzo[g,h,i]perylene	2.86	3.099		ug/L		108	25 - 195	6	30
Benzo[k]fluoranthene	2.86	3.801		ug/L		133	25 - 146	2	30
Benzyl alcohol	2.86	2.036		ug/L		71	57 - 130	11	30
Bis(2-chloroethoxy)methane	2.86	3.670		ug/L		128	49 - 165	2	30
Bis(2-chloroethyl)ether	2.86	4.367	*+	ug/L		153	43 - 126	10	30
Bis(2-ethylhexyl) phthalate	2.86	3.605		ug/L		126	29 - 137	3	30
Butyl benzyl phthalate	2.86	3.194		ug/L		112	28 - 130	1	30
Chrysene	2.86	3.822	*+	ug/L		134	47 - 130	3	30
Dibenz(a,h)anthracene	2.86	3.234		ug/L		113	32 - 200	3	30
Dibenzofuran	2.86	3.825	*+	ug/L		134	48 - 130	1	30
Diethyl phthalate	2.86	3.225		ug/L		113	53 - 120	2	30
Dimethyl phthalate	2.86	2.982		ug/L		104	67 - 120	3	30
Di-n-butyl phthalate	2.86	3.298		ug/L		115	8 - 120	0	30
Di-n-octyl phthalate	2.86	3.780		ug/L		132	19 - 200	1	30
Fluoranthene	2.86	3.517		ug/L		123	43 - 130	2	30
Fluorene	2.86	3.068		ug/L		107	70 - 130	2	30
Hexachlorobenzene	2.86	3.524		ug/L		123	8 - 142	1	30
Hexachlorobutadiene	2.86	2.251		ug/L		79	10 - 130	3	30
Hexachlorocyclopentadiene	2.86	4.735	*+	ug/L		166	10 - 130	3	30
Hexachloroethane	2.86	1.815		ug/L		64	10 - 130	15	30
Indeno[1,2,3-cd]pyrene	2.86	3.077		ug/L		108	29 - 151	7	30
Isophorone	2.86	3.034		ug/L		106	47 - 180	6	30
Naphthalene	2.86	2.970		ug/L		104	36 - 120	3	30
Nitrobenzene	2.86	2.740		ug/L		96	54 - 130	8	30
N-Nitrosodi-n-propylamine	2.86	3.830		ug/L		134	14 - 198	6	30
N-Nitrosodiphenylamine	2.86	3.683	*+	ug/L		129	40 - 127	2	30
Pentachlorophenol	2.86	3.084		ug/L		108	38 - 152	0	30
Phenanthrene	2.86	3.170		ug/L		111	65 - 120	1	30
Phenol	2.86	1.176		ug/L		41	17 - 120	11	30
Pyrene	2.86	3.589		ug/L		126	70 - 130	1	30
Pyridine	2.86	<1.44	U	ug/L		37	1 - 126	5	30
N-Nitro-o-toluidine	2.86	2.645		ug/L		93	47 - 130	2	30
2,3,4,6-Tetrachlorophenol	2.86	3.738		ug/L		131	33 - 132	0	30
Acetophenone	2.86	3.968	*+	ug/L		139	58 - 130	10	30
N-Nitrosopiperidine	2.86	2.480		ug/L		87	54 - 130	1	30
Pentachlorobenzene	2.86	2.840		ug/L		99	47 - 130	1	30
Diphenyl ether	2.86	3.260		ug/L		114	61 - 130	2	30
1,1'-Biphenyl	2.86	3.252		ug/L		114	52 - 130	6	30
4-Aminobiphenyl	2.86	2.225		ug/L		78	35 - 130	0	30
1,2,4,5-Tetrachlorobenzene	2.86	2.864		ug/L		100	52 - 130	4	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-200553/3-A
Matrix: Water
Analysis Batch: 200999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200553

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,3,5-Trinitrobenzene			2.86	2.736		ug/L		96	42 - 130	19	30
1,3-Dinitrobenzene			2.86	3.028		ug/L		106	54 - 130	3	30
1,4-Naphthoquinone			2.86	2.398		ug/L		84	34 - 130	1	30
1-Naphthylamine			2.86	1.359		ug/L		48	40 - 130	2	30
2,6-Dichlorophenol			2.86	3.020		ug/L		106	40 - 130	2	30
2-Acetylaminofluorene			2.86	4.998	*+	ug/L		175	50 - 150	2	30
2-Chlorophenol			2.86	3.005		ug/L		105	36 - 120	14	30
2-Naphthylamine			2.86	1.667		ug/L		58	30 - 130	6	30
2-Picoline			2.86	1.167		ug/L		41	22 - 130	11	30
2-Toluidine			2.86	1.707		ug/L		60	30 - 130	10	30
3,3'-Dichlorobenzidine			2.86	3.601		ug/L		126	20 - 150	1	30
3,3'-Dimethylbenzidine			2.86	0.9728		ug/L		34	30 - 130	4	30
3-Methylcholanthrene			2.86	3.079		ug/L		108	53 - 130	4	30
4-Nitroquinoline-1-oxide			2.86	2.452		ug/L		86	39 - 130	1	30
7,12-Dimethylbenz(a)anthracene			2.86	3.830	*+	ug/L		134	63 - 130	1	30
alpha,alpha-Dimethyl phenethylamine			2.86	<3.67	U *-	ug/L		0	20 - 130	NC	30
Aramite Peak 1			1.43	1.918	*+	ug/L		134	69 - 130	7	30
Aramite Peak 2			1.43	1.990	*+	ug/L		139	65 - 130	4	30
Diallate Peak 1			2.11	2.363		ug/L		112	69 - 130	11	30
Diallate Peak 2			0.743	0.8565		ug/L		115	67 - 130	1	30
Ethyl methanesulfonate			2.86	2.450		ug/L		86	54 - 130	11	30
Hexachloropropene			2.86	2.093		ug/L		73	37 - 130	1	30
Isosafrole Peak 1			0.457	0.4708	J	ug/L		103	54 - 130	5	30
Isosafrole Peak 2			2.40	2.444		ug/L		102	62 - 130	7	30
Methyl methanesulfonate			2.86	1.100		ug/L		38	30 - 130	12	30
N-Nitrosodiethylamine			2.86	3.219		ug/L		113	54 - 130	8	30
N-Nitrosodimethylamine			2.86	0.6105	*-	ug/L		21	28 - 126	11	30
N-Nitrosodi-n-butylamine			2.86	3.622		ug/L		127	58 - 130	2	30
N-Nitrosomethylethylamine			2.86	1.892		ug/L		66	45 - 130	10	30
N-Nitrosomorpholine			2.86	1.382		ug/L		48	37 - 130	11	30
N-Nitrosopyrrolidine			2.86	1.608		ug/L		56	47 - 130	0	30
p-Dimethylamino azobenzene			2.86	3.061		ug/L		107	61 - 130	1	30
Pentachloronitrobenzene			2.86	3.364		ug/L		118	56 - 130	2	30
Phenacetin			2.86	3.667		ug/L		128	70 - 130	3	30
p-Phenylene diamine			2.86	<0.500	U *-	ug/L		0	3 - 120	NC	30
Pronamide			2.86	4.125	*+	ug/L		144	70 - 130	2	30
Safrole, Total			2.86	2.904		ug/L		102	70 - 130	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*131*	*S1+*	*35 - 130*
2-Fluorobiphenyl	*119*		*43 - 130*
2-Fluorophenol (Surr)	*62*		*19 - 120*
Nitrobenzene-d5 (Surr)	*108*		*37 - 133*
Phenol-d5 (Surr)	*44*		*8 - 124*
p-Terphenyl-d14	*94*		*47 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-200553/5-A
Matrix: Water
Analysis Batch: 201887

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 200553

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethoate			2.86	11.35	*+	ug/L		397	45 - 138	3	30
Dinoseb			5.71	15.04	*+	ug/L		263	49 - 130	1	30
Disulfoton			5.71	9.895	*+	ug/L		173	38 - 134	1	30
Ethyl Parathion			2.86	13.83	*+	ug/L		484	25 - 173	2	30
Famphur			2.86	6.515	*+	ug/L		228	43 - 142	2	30
Methapyrilene			5.71	22.51	*+	ug/L		394	70 - 183	4	30
Methyl parathion			5.71	13.06	*+	ug/L		229	26 - 159	0	30
o,o',o''-Triethylphosphorothioate			2.86	4.194	*+	ug/L		147	43 - 130	1	30
Phorate			5.71	10.41	*+	ug/L		182	37 - 140	0	30
Sulfotepp			2.86	10.72	*+	ug/L		375	28 - 158	0	30
Thionazin			2.86	5.896	*+	ug/L		206	50 - 150	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*116*		*35 - 130*
2-Fluorobiphenyl	*106*		*43 - 130*
2-Fluorophenol (Surr)	*71*		*19 - 120*
Nitrobenzene-d5 (Surr)	*105*		*37 - 133*
Phenol-d5 (Surr)	*61*		*8 - 124*
p-Terphenyl-d14	*93*		*47 - 130*

Lab Sample ID: MB 860-205841/1-A
Matrix: Water
Analysis Batch: 206380

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205841

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0766	U	0.571	0.0766	ug/L		12/17/24 07:00	12/18/24 20:03	1
1,2-Dichlorobenzene	<0.0941	U	0.571	0.0941	ug/L		12/17/24 07:00	12/18/24 20:03	1
1,3-Dichlorobenzene	<0.102	U	0.571	0.102	ug/L		12/17/24 07:00	12/18/24 20:03	1
1,4-Dichlorobenzene	<0.0779	U	0.571	0.0779	ug/L		12/17/24 07:00	12/18/24 20:03	1
2,2'-oxybis[1-chloropropane]	<1.43	U	2.86	1.43	ug/L		12/17/24 07:00	12/18/24 20:03	1
2,4,5-Trichlorophenol	<0.143	U	0.571	0.143	ug/L		12/17/24 07:00	12/18/24 20:03	1
2,4,6-Trichlorophenol	<0.231	U	0.571	0.231	ug/L		12/17/24 07:00	12/18/24 20:03	1
2,4-Dichlorophenol	<0.140	U	0.571	0.140	ug/L		12/17/24 07:00	12/18/24 20:03	1
2,4-Dimethylphenol	<0.192	U	0.571	0.192	ug/L		12/17/24 07:00	12/18/24 20:03	1
1,4-Dioxane	<0.0890	U	0.571	0.0890	ug/L		12/17/24 07:00	12/18/24 20:03	1
2,4-Dinitrophenol	<0.104	U	2.86	0.104	ug/L		12/17/24 07:00	12/18/24 20:03	1
2,4-Dinitrotoluene	<0.205	U	0.571	0.205	ug/L		12/17/24 07:00	12/18/24 20:03	1
2,6-Dinitrotoluene	<0.116	U	0.571	0.116	ug/L		12/17/24 07:00	12/18/24 20:03	1
2-Chloronaphthalene	<0.378	U	0.571	0.378	ug/L		12/17/24 07:00	12/18/24 20:03	1
2-Methylnaphthalene	<0.0603	U	0.571	0.0603	ug/L		12/17/24 07:00	12/18/24 20:03	1
2-Methylphenol	<0.105	U	0.571	0.105	ug/L		12/17/24 07:00	12/18/24 20:03	1
2-Nitroaniline	<0.149	U	0.571	0.149	ug/L		12/17/24 07:00	12/18/24 20:03	1
2-Nitrophenol	<0.136	U	0.571	0.136	ug/L		12/17/24 07:00	12/18/24 20:03	1
3 & 4 Methylphenol	<0.139	U	0.571	0.139	ug/L		12/17/24 07:00	12/18/24 20:03	1
3-Nitroaniline	<0.0853	U	0.571	0.0853	ug/L		12/17/24 07:00	12/18/24 20:03	1
4,6-Dinitro-2-methylphenol	<0.201	U	1.14	0.201	ug/L		12/17/24 07:00	12/18/24 20:03	1
4-Bromophenyl phenyl ether	<0.100	U	0.571	0.100	ug/L		12/17/24 07:00	12/18/24 20:03	1
4-Chloro-3-methylphenol	<0.104	U	0.571	0.104	ug/L		12/17/24 07:00	12/18/24 20:03	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-205841/1-A
Matrix: Water
Analysis Batch: 206380

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205841

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	<0.0385	U	0.571	0.0385	ug/L		12/17/24 07:00	12/18/24 20:03	1
4-Chlorophenyl phenyl ether	<0.130	U	0.571	0.130	ug/L		12/17/24 07:00	12/18/24 20:03	1
4-Nitroaniline	<0.109	U	0.571	0.109	ug/L		12/17/24 07:00	12/18/24 20:03	1
Acenaphthene	<0.107	U	0.571	0.107	ug/L		12/17/24 07:00	12/18/24 20:03	1
Acenaphthylene	<0.0996	U	0.571	0.0996	ug/L		12/17/24 07:00	12/18/24 20:03	1
Aniline	<0.0580	U	0.571	0.0580	ug/L		12/17/24 07:00	12/18/24 20:03	1
Anthracene	<0.0938	U	0.571	0.0938	ug/L		12/17/24 07:00	12/18/24 20:03	1
Benzo[a]anthracene	<0.0286	U	0.0286	0.0286	ug/L		12/17/24 07:00	12/18/24 20:03	1
Benzo[a]pyrene	<0.0300	U	0.0571	0.0300	ug/L		12/17/24 07:00	12/18/24 20:03	1
Benzo[b]fluoranthene	<0.0664	U	0.571	0.0664	ug/L		12/17/24 07:00	12/18/24 20:03	1
Benzo[g,h,i]perylene	<0.0345	U	0.571	0.0345	ug/L		12/17/24 07:00	12/18/24 20:03	1
Benzo[k]fluoranthene	<0.0473	U	0.571	0.0473	ug/L		12/17/24 07:00	12/18/24 20:03	1
Benzyl alcohol	<0.600	U	1.14	0.600	ug/L		12/17/24 07:00	12/18/24 20:03	1
Bis(2-chloroethoxy)methane	<0.0974	U	0.571	0.0974	ug/L		12/17/24 07:00	12/18/24 20:03	1
Bis(2-chloroethyl)ether	<0.214	U	0.571	0.214	ug/L		12/17/24 07:00	12/18/24 20:03	1
Bis(2-ethylhexyl) phthalate	<0.900	U	1.14	0.900	ug/L		12/17/24 07:00	12/18/24 20:03	1
Butyl benzyl phthalate	<0.500	U	1.14	0.500	ug/L		12/17/24 07:00	12/18/24 20:03	1
Chrysene	<0.0815	U	0.571	0.0815	ug/L		12/17/24 07:00	12/18/24 20:03	1
Dibenz(a,h)anthracene	<0.0509	U	0.114	0.0509	ug/L		12/17/24 07:00	12/18/24 20:03	1
Dibenzofuran	<0.107	U	0.571	0.107	ug/L		12/17/24 07:00	12/18/24 20:03	1
Diethyl phthalate	<0.155	U	1.14	0.155	ug/L		12/17/24 07:00	12/18/24 20:03	1
Dimethyl phthalate	<0.108	U	1.14	0.108	ug/L		12/17/24 07:00	12/18/24 20:03	1
Di-n-butyl phthalate	<0.765	U	1.14	0.765	ug/L		12/17/24 07:00	12/18/24 20:03	1
Di-n-octyl phthalate	<0.269	U	1.14	0.269	ug/L		12/17/24 07:00	12/18/24 20:03	1
Fluoranthene	<0.0883	U	0.571	0.0883	ug/L		12/17/24 07:00	12/18/24 20:03	1
Fluorene	<0.0948	U	0.571	0.0948	ug/L		12/17/24 07:00	12/18/24 20:03	1
Hexachlorobenzene	<0.0975	U	0.571	0.0975	ug/L		12/17/24 07:00	12/18/24 20:03	1
Hexachlorobutadiene	<0.103	U	0.571	0.103	ug/L		12/17/24 07:00	12/18/24 20:03	1
Hexachlorocyclopentadiene	<0.0512	U	0.571	0.0512	ug/L		12/17/24 07:00	12/18/24 20:03	1
Hexachloroethane	<0.102	U	0.571	0.102	ug/L		12/17/24 07:00	12/18/24 20:03	1
Indeno[1,2,3-cd]pyrene	<0.100	U	0.571	0.100	ug/L		12/17/24 07:00	12/18/24 20:03	1
Isophorone	<0.107	U	0.571	0.107	ug/L		12/17/24 07:00	12/18/24 20:03	1
Naphthalene	<0.0944	U	0.571	0.0944	ug/L		12/17/24 07:00	12/18/24 20:03	1
Nitrobenzene	<0.0736	U	0.571	0.0736	ug/L		12/17/24 07:00	12/18/24 20:03	1
N-Nitrosodi-n-propylamine	<0.119	U	0.571	0.119	ug/L		12/17/24 07:00	12/18/24 20:03	1
N-Nitrosodiphenylamine	<0.145	U	0.571	0.145	ug/L		12/17/24 07:00	12/18/24 20:03	1
Pentachlorophenol	<1.04	U	1.14	1.04	ug/L		12/17/24 07:00	12/18/24 20:03	1
Phenanthrene	<0.134	U	0.571	0.134	ug/L		12/17/24 07:00	12/18/24 20:03	1
Phenol	<1.14	U	1.14	1.14	ug/L		12/17/24 07:00	12/18/24 20:03	1
Pyrene	<0.0849	U	0.571	0.0849	ug/L		12/17/24 07:00	12/18/24 20:03	1
Pyridine	<1.44	U	2.86	1.44	ug/L		12/17/24 07:00	12/18/24 20:03	1
N-Nitro-o-toluidine	<0.520	U	1.14	0.520	ug/L		12/17/24 07:00	12/18/24 20:03	1
2,3,4,6-Tetrachlorophenol	<0.211	U	0.571	0.211	ug/L		12/17/24 07:00	12/18/24 20:03	1
Acetophenone	<0.624	U	1.14	0.624	ug/L		12/17/24 07:00	12/18/24 20:03	1
N-Nitrosopiperidine	<0.467	U	1.14	0.467	ug/L		12/17/24 07:00	12/18/24 20:03	1
Pentachlorobenzene	<0.266	U	0.571	0.266	ug/L		12/17/24 07:00	12/18/24 20:03	1
Diphenyl ether	<0.0910	U	0.571	0.0910	ug/L		12/17/24 07:00	12/18/24 20:03	1
1,1'-Biphenyl	<0.0981	U	0.571	0.0981	ug/L		12/17/24 07:00	12/18/24 20:03	1
4-Aminobiphenyl	<0.394	U	0.571	0.394	ug/L		12/17/24 07:00	12/18/24 20:03	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-205841/1-A
Matrix: Water
Analysis Batch: 206380

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205841

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	<0.0957	U	0.571	0.0957	ug/L		12/17/24 07:00	12/18/24 20:03	1
1,3,5-Trinitrobenzene	<0.119	U	0.571	0.119	ug/L		12/17/24 07:00	12/18/24 20:03	1
1,3-Dinitrobenzene	<0.0773	U	0.571	0.0773	ug/L		12/17/24 07:00	12/18/24 20:03	1
1,4-Naphthoquinone	<0.314	U	0.571	0.314	ug/L		12/17/24 07:00	12/18/24 20:03	1
1-Naphthylamine	<0.149	U	0.571	0.149	ug/L		12/17/24 07:00	12/18/24 20:03	1
2,6-Dichlorophenol	<0.118	U	0.571	0.118	ug/L		12/17/24 07:00	12/18/24 20:03	1
2-Acetylaminofluorene	<1.26	U	2.86	1.26	ug/L		12/17/24 07:00	12/18/24 20:03	1
2-Chlorophenol	<0.0756	U	0.571	0.0756	ug/L		12/17/24 07:00	12/18/24 20:03	1
2-Naphthylamine	<0.288	U	0.571	0.288	ug/L		12/17/24 07:00	12/18/24 20:03	1
2-Picoline	<0.123	U	0.571	0.123	ug/L		12/17/24 07:00	12/18/24 20:03	1
2-Toluidine	<0.306	U	0.571	0.306	ug/L		12/17/24 07:00	12/18/24 20:03	1
3,3'-Dichlorobenzidine	<0.183	U	0.571	0.183	ug/L		12/17/24 07:00	12/18/24 20:03	1
3,3'-Dimethylbenzidine	<0.142	U	0.571	0.142	ug/L		12/17/24 07:00	12/18/24 20:03	1
3-Methylcholanthrene	<0.104	U	0.571	0.104	ug/L		12/17/24 07:00	12/18/24 20:03	1
4-Nitroquinoline-1-oxide	<0.730	U	1.14	0.730	ug/L		12/17/24 07:00	12/18/24 20:03	1
7,12-Dimethylbenz(a)anthracene	<0.241	U	0.571	0.241	ug/L		12/17/24 07:00	12/18/24 20:03	1
alpha,alpha-Dimethyl phenethylamine	<3.67	U	5.71	3.67	ug/L		12/17/24 07:00	12/18/24 20:03	1
Aramite Peak 1	<0.0785	U	0.571	0.0785	ug/L		12/17/24 07:00	12/18/24 20:03	1
Aramite Peak 2	<0.0954	U	0.571	0.0954	ug/L		12/17/24 07:00	12/18/24 20:03	1
Aramite, Total	<0.0954	U	0.571	0.0954	ug/L		12/17/24 07:00	12/18/24 20:03	1
Diallate	<0.0835	U	0.571	0.0835	ug/L		12/17/24 07:00	12/18/24 20:03	1
Diallate Peak 1	<0.0835	U	0.571	0.0835	ug/L		12/17/24 07:00	12/18/24 20:03	1
Diallate Peak 2	<0.0385	U	0.571	0.0385	ug/L		12/17/24 07:00	12/18/24 20:03	1
Dimethoate	<0.122	U	0.571	0.122	ug/L		12/17/24 07:00	12/18/24 20:03	1
Dinoseb	<0.570	U	2.86	0.570	ug/L		12/17/24 07:00	12/18/24 20:03	1
Disulfoton	<0.203	U	0.571	0.203	ug/L		12/17/24 07:00	12/18/24 20:03	1
Ethyl methanesulfonate	<0.227	U	0.571	0.227	ug/L		12/17/24 07:00	12/18/24 20:03	1
Ethyl Parathion	<0.0502	U	0.229	0.0502	ug/L		12/17/24 07:00	12/18/24 20:03	1
Famphur	<0.151	U	1.14	0.151	ug/L		12/17/24 07:00	12/18/24 20:03	1
Hexachloropropene	<0.300	U	0.571	0.300	ug/L		12/17/24 07:00	12/18/24 20:03	1
Isosafrole	<0.241	U	0.571	0.241	ug/L		12/17/24 07:00	12/18/24 20:03	1
Isosafrole Peak 1	<0.0463	U	0.571	0.0463	ug/L		12/17/24 07:00	12/18/24 20:03	1
Isosafrole Peak 2	<0.241	U	0.571	0.241	ug/L		12/17/24 07:00	12/18/24 20:03	1
Methapyrilene	<1.00	U	2.29	1.00	ug/L		12/17/24 07:00	12/18/24 20:03	1
Methyl methanesulfonate	<0.120	U	0.571	0.120	ug/L		12/17/24 07:00	12/18/24 20:03	1
Methyl parathion	<0.319	U	0.571	0.319	ug/L		12/17/24 07:00	12/18/24 20:03	1
N-Nitrosodiethylamine	<0.538	U	1.14	0.538	ug/L		12/17/24 07:00	12/18/24 20:03	1
N-Nitrosodimethylamine	<0.100	U	0.571	0.100	ug/L		12/17/24 07:00	12/18/24 20:03	1
N-Nitrosodi-n-butylamine	<0.516	U	1.14	0.516	ug/L		12/17/24 07:00	12/18/24 20:03	1
N-Nitrosomethylethylamine	<0.294	U	0.571	0.294	ug/L		12/17/24 07:00	12/18/24 20:03	1
N-Nitrosomorpholine	<0.220	U	0.571	0.220	ug/L		12/17/24 07:00	12/18/24 20:03	1
N-Nitrosopyrrolidine	<0.268	U	0.571	0.268	ug/L		12/17/24 07:00	12/18/24 20:03	1
o,o',o''-Triethylphosphorothioate	<0.138	U	0.571	0.138	ug/L		12/17/24 07:00	12/18/24 20:03	1
p-Dimethylamino azobenzene	<0.0238	U	0.571	0.0238	ug/L		12/17/24 07:00	12/18/24 20:03	1
Pentachloronitrobenzene	<0.100	U	0.571	0.100	ug/L		12/17/24 07:00	12/18/24 20:03	1
Phenacetin	<0.100	U	0.571	0.100	ug/L		12/17/24 07:00	12/18/24 20:03	1
Phorate	<0.221	U	0.571	0.221	ug/L		12/17/24 07:00	12/18/24 20:03	1
p-Phenylene diamine	<0.500	U	1.14	0.500	ug/L		12/17/24 07:00	12/18/24 20:03	1
Pronamide	<0.100	U	0.571	0.100	ug/L		12/17/24 07:00	12/18/24 20:03	1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-205841/1-A
Matrix: Water
Analysis Batch: 206380

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205841

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Safrole, Total	<0.0571	U	0.571	0.0571	ug/L		12/17/24 07:00	12/18/24 20:03	1
Sulfotepp	<0.147	U	0.571	0.147	ug/L		12/17/24 07:00	12/18/24 20:03	1
Thionazin	<0.208	U	1.14	0.208	ug/L		12/17/24 07:00	12/18/24 20:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*35 - 130*	*12/17/24 07:00*	*12/18/24 20:03*	*1*
2-Fluorobiphenyl	*84*		*43 - 130*	*12/17/24 07:00*	*12/18/24 20:03*	*1*
2-Fluorophenol (Surr)	*55*		*19 - 120*	*12/17/24 07:00*	*12/18/24 20:03*	*1*
Nitrobenzene-d5 (Surr)	*95*		*37 - 133*	*12/17/24 07:00*	*12/18/24 20:03*	*1*
Phenol-d5 (Surr)	*33*		*8 - 124*	*12/17/24 07:00*	*12/18/24 20:03*	*1*
p-Terphenyl-d14	*112*		*47 - 130*	*12/17/24 07:00*	*12/18/24 20:03*	*1*

Lab Sample ID: LCS 860-205841/2-A
Matrix: Water
Analysis Batch: 206380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205841

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	5.71	3.392		ug/L		59	32 - 130
1,2-Dichlorobenzene	5.71	3.748		ug/L		66	32 - 130
1,3-Dichlorobenzene	5.71	3.678		ug/L		64	26 - 130
1,4-Dichlorobenzene	5.71	3.624		ug/L		63	28 - 130
2,2'-oxybis[1-chloropropane]	5.71	4.459	I	ug/L		78	10 - 173
2,4,5-Trichlorophenol	5.71	5.681		ug/L		99	35 - 130
2,4,6-Trichlorophenol	5.71	5.131		ug/L		90	52 - 129
2,4-Dichlorophenol	5.71	5.555		ug/L		97	53 - 122
2,4-Dimethylphenol	5.71	8.476	*+	ug/L		148	42 - 120
1,4-Dioxane	5.71	1.415	*-	ug/L		25	27 - 130
2,4-Dinitrophenol	5.71	3.509		ug/L		61	12 - 173
2,4-Dinitrotoluene	5.71	4.456		ug/L		78	48 - 127
2,6-Dinitrotoluene	5.71	4.720		ug/L		83	68 - 137
2-Chloronaphthalene	5.71	4.263		ug/L		75	10 - 130
2-Methylnaphthalene	5.71	3.566		ug/L		62	25 - 175
2-Methylphenol	5.71	4.569		ug/L		80	14 - 176
2-Nitroaniline	5.71	4.596		ug/L		80	59 - 130
2-Nitrophenol	5.71	5.251		ug/L		92	45 - 167
3 & 4 Methylphenol	5.71	4.396		ug/L		77	22 - 130
3-Nitroaniline	5.71	3.183		ug/L		56	30 - 130
4,6-Dinitro-2-methylphenol	5.71	3.741		ug/L		65	10 - 130
4-Bromophenyl phenyl ether	5.71	5.257		ug/L		92	65 - 120
4-Chloro-3-methylphenol	5.71	5.132		ug/L		90	41 - 128
4-Chloroaniline	5.71	2.944		ug/L		52	30 - 130
4-Chlorophenyl phenyl ether	5.71	5.159		ug/L		90	38 - 145
4-Nitroaniline	5.71	3.897		ug/L		68	42 - 125
Acenaphthene	5.71	4.874		ug/L		85	60 - 132
Acenaphthylene	5.71	5.440		ug/L		95	54 - 126
Aniline	5.71	2.362		ug/L		41	15 - 130
Anthracene	5.71	6.336		ug/L		111	43 - 135
Benzo[a]anthracene	5.71	5.871		ug/L		103	42 - 133

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-205841/2-A
Matrix: Water
Analysis Batch: 206380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205841

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]pyrene	5.71	5.707		ug/L		100	32 - 148
Benzo[b]fluoranthene	5.71	6.154		ug/L		108	42 - 140
Benzo[g,h,i]perylene	5.71	5.581		ug/L		98	25 - 195
Benzo[k]fluoranthene	5.71	5.498		ug/L		96	25 - 146
Benzyl alcohol	5.71	2.739	*-	ug/L		48	57 - 130
Bis(2-chloroethoxy)methane	5.71	5.601		ug/L		98	49 - 165
Bis(2-chloroethyl)ether	5.71	4.463		ug/L		78	43 - 126
Bis(2-ethylhexyl) phthalate	5.71	6.026		ug/L		105	29 - 137
Butyl benzyl phthalate	5.71	5.556		ug/L		97	28 - 130
Chrysene	5.71	5.528		ug/L		97	47 - 130
Dibenz(a,h)anthracene	5.71	5.790		ug/L		101	32 - 200
Dibenzofuran	5.71	5.101		ug/L		89	48 - 130
Diethyl phthalate	5.71	5.072		ug/L		89	53 - 120
Dimethyl phthalate	5.71	5.058		ug/L		89	67 - 120
Di-n-butyl phthalate	5.71	5.014		ug/L		88	8 - 120
Di-n-octyl phthalate	5.71	6.549		ug/L		115	19 - 200
Fluoranthene	5.71	6.174		ug/L		108	43 - 130
Fluorene	5.71	5.238		ug/L		92	70 - 130
Hexachlorobenzene	5.71	5.513		ug/L		96	8 - 142
Hexachlorobutadiene	5.71	3.360		ug/L		59	10 - 130
Hexachlorocyclopentadiene	5.71	10.19	*+	ug/L		178	10 - 130
Hexachloroethane	5.71	3.902		ug/L		68	10 - 130
Indeno[1,2,3-cd]pyrene	5.71	5.788		ug/L		101	29 - 151
Isophorone	5.71	5.164		ug/L		90	47 - 180
Naphthalene	5.71	4.538		ug/L		79	36 - 120
Nitrobenzene	5.71	5.329		ug/L		93	54 - 130
N-Nitrosodi-n-propylamine	5.71	4.120		ug/L		72	14 - 198
N-Nitrosodiphenylamine	5.71	5.486		ug/L		96	40 - 127
Pentachlorophenol	5.71	4.640		ug/L		81	38 - 152
Phenanthrene	5.71	5.787		ug/L		101	65 - 120
Phenol	5.71	1.729		ug/L		30	17 - 120
Pyrene	5.71	5.951		ug/L		104	70 - 130
Pyridine	5.71	1.487	J	ug/L		26	1 - 126
N-Nitro-o-toluidine	5.71	4.026		ug/L		70	47 - 130
2,3,4,6-Tetrachlorophenol	5.71	6.153		ug/L		108	33 - 132
Acetophenone	5.71	5.072		ug/L		89	58 - 130
N-Nitrosopiperidine	5.71	4.857		ug/L		85	54 - 130
Pentachlorobenzene	5.71	4.859		ug/L		85	47 - 130
Diphenyl ether	5.71	4.722		ug/L		83	61 - 130
1,1'-Biphenyl	5.71	3.796		ug/L		66	52 - 130
4-Aminobiphenyl	5.71	3.910		ug/L		68	35 - 130
1,2,4,5-Tetrachlorobenzene	5.71	4.029		ug/L		71	52 - 130
1,3,5-Trinitrobenzene	5.71	4.380		ug/L		77	42 - 130
1,3-Dinitrobenzene	5.71	4.914		ug/L		86	54 - 130
1,4-Naphthoquinone	5.71	4.784		ug/L		84	34 - 130
1-Naphthylamine	5.71	2.011	*-	ug/L		35	40 - 130
2,6-Dichlorophenol	5.71	5.374		ug/L		94	40 - 130
2-Acetylaminofluorene	5.71	8.306		ug/L		145	50 - 150
2-Chlorophenol	5.71	5.011		ug/L		88	36 - 120

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-205841/2-A
Matrix: Water
Analysis Batch: 206380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205841

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Naphthylamine	5.71	2.891		ug/L		51	30 - 130
2-Picoline	5.71	1.261		ug/L		22	22 - 130
2-Toluidine	5.71	2.311		ug/L		40	30 - 130
3,3'-Dichlorobenzidine	5.71	5.490		ug/L		96	20 - 150
3,3'-Dimethylbenzidine	5.71	2.164		ug/L		38	30 - 130
3-Methylcholanthrene	5.71	5.601		ug/L		98	53 - 130
4-Nitroquinoline-1-oxide	5.71	4.562		ug/L		80	39 - 130
7,12-Dimethylbenz(a)anthracene	5.71	5.537		ug/L		97	63 - 130
alpha,alpha-Dimethyl phenethylamine	5.71	<3.67	U *-	ug/L		0	20 - 130
Aramite Peak 1	2.86	3.464		ug/L		121	69 - 130
Aramite Peak 2	2.86	2.823		ug/L		99	65 - 130
Diallate Peak 1	4.23	3.603		ug/L		85	69 - 130
Diallate Peak 2	1.49	1.425		ug/L		96	67 - 130
Ethyl methanesulfonate	5.71	4.086		ug/L		72	54 - 130
Hexachloropropene	5.71	3.516		ug/L		62	37 - 130
Isosafrole Peak 1	0.914	0.7647		ug/L		84	54 - 130
Isosafrole Peak 2	4.80	4.066		ug/L		85	62 - 130
Methyl methanesulfonate	5.71	1.922		ug/L		34	30 - 130
N-Nitrosodiethylamine	5.71	4.997		ug/L		87	54 - 130
N-Nitrosodimethylamine	5.71	1.333	*-	ug/L		23	28 - 126
N-Nitrosodi-n-butylamine	5.71	5.065		ug/L		89	58 - 130
N-Nitrosomethylethylamine	5.71	3.074		ug/L		54	45 - 130
N-Nitrosomorpholine	5.71	2.453		ug/L		43	37 - 130
N-Nitrosopyrrolidine	5.71	2.566	*-	ug/L		45	47 - 130
p-Dimethylamino azobenzene	5.71	5.218		ug/L		91	61 - 130
Pentachloronitrobenzene	5.71	5.341		ug/L		93	56 - 130
Phenacetin	5.71	4.131		ug/L		72	70 - 130
p-Phenylene diamine	5.71	0.7202	J	ug/L		13	3 - 120
Pronamide	5.71	5.578		ug/L		98	70 - 130
Safrole, Total	5.71	4.539		ug/L		79	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*98*		*35 - 130*
2-Fluorobiphenyl	*87*		*43 - 130*
2-Fluorophenol (Surr)	*49*		*19 - 120*
Nitrobenzene-d5 (Surr)	*97*		*37 - 133*
Phenol-d5 (Surr)	*33*		*8 - 124*
p-Terphenyl-d14	*105*		*47 - 130*

Lab Sample ID: LCS 860-205841/4-A
Matrix: Water
Analysis Batch: 206380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205841

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethoate	2.86	5.069	*+	ug/L		177	45 - 138
Dinoseb	5.71	7.826	*+	ug/L		137	49 - 130
Disulfoton	5.71	4.520		ug/L		79	38 - 134
Ethyl Parathion	2.86	5.505	*+	ug/L		193	25 - 173

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-205841/4-A
Matrix: Water
Analysis Batch: 206380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205841

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Famphur			2.86	3.213		ug/L		112	43 - 142		
Methapyrilene			5.71	10.23		ug/L		179	70 - 183		
Methyl parathion			5.71	5.553		ug/L		97	26 - 159		
o,o',o''-Triethylphosphorothioate			2.86	2.517		ug/L		88	43 - 130		
Phorate			5.71	5.686		ug/L		99	37 - 140		
Sulfotepp			2.86	5.664	*+	ug/L		198	28 - 158		
Thionazin			2.86	3.042		ug/L		106	50 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*93*		*35 - 130*
2-Fluorobiphenyl	*84*		*43 - 130*
2-Fluorophenol (Surr)	*54*		*19 - 120*
Nitrobenzene-d5 (Surr)	*99*		*37 - 133*
Phenol-d5 (Surr)	*34*		*8 - 124*
p-Terphenyl-d14	*100*		*47 - 130*

Lab Sample ID: LCSD 860-205841/3-A
Matrix: Water
Analysis Batch: 206380

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 205841

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			5.71	3.577		ug/L		63	32 - 130	5	30
1,2-Dichlorobenzene			5.71	3.923		ug/L		69	32 - 130	5	30
1,3-Dichlorobenzene			5.71	3.879		ug/L		68	26 - 130	5	30
1,4-Dichlorobenzene			5.71	3.797		ug/L		66	28 - 130	5	30
2,2'-oxybis[1-chloropropane]			5.71	4.504	I	ug/L		79	10 - 173	1	30
2,4,5-Trichlorophenol			5.71	6.036		ug/L		106	35 - 130	6	30
2,4,6-Trichlorophenol			5.71	5.490		ug/L		96	52 - 129	7	30
2,4-Dichlorophenol			5.71	5.544		ug/L		97	53 - 122	0	30
2,4-Dimethylphenol			5.71	8.790	*+	ug/L		154	42 - 120	4	30
1,4-Dioxane			5.71	1.383	*-	ug/L		24	27 - 130	2	30
2,4-Dinitrophenol			5.71	2.679	J	ug/L		47	12 - 173	27	30
2,4-Dinitrotoluene			5.71	4.407		ug/L		77	48 - 127	1	30
2,6-Dinitrotoluene			5.71	4.996		ug/L		87	68 - 137	6	30
2-Chloronaphthalene			5.71	4.510		ug/L		79	10 - 130	6	30
2-Methylnaphthalene			5.71	3.773		ug/L		66	25 - 175	6	30
2-Methylphenol			5.71	4.651		ug/L		81	14 - 176	2	30
2-Nitroaniline			5.71	4.536		ug/L		79	59 - 130	1	30
2-Nitrophenol			5.71	5.470		ug/L		96	45 - 167	4	30
3 & 4 Methylphenol			5.71	4.537		ug/L		79	22 - 130	3	30
3-Nitroaniline			5.71	3.234		ug/L		57	30 - 130	2	30
4,6-Dinitro-2-methylphenol			5.71	4.119		ug/L		72	10 - 130	10	30
4-Bromophenyl phenyl ether			5.71	5.138		ug/L		90	65 - 120	2	30
4-Chloro-3-methylphenol			5.71	5.253		ug/L		92	41 - 128	2	30
4-Chloroaniline			5.71	3.159		ug/L		55	30 - 130	7	30
4-Chlorophenyl phenyl ether			5.71	5.006		ug/L		88	38 - 145	3	30
4-Nitroaniline			5.71	3.707		ug/L		65	42 - 125	5	30
Acenaphthene			5.71	4.676		ug/L		82	60 - 132	4	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-205841/3-A
Matrix: Water
Analysis Batch: 206380

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 205841

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthylene			5.71	5.673		ug/L		99	54 - 126	4	30
Aniline			5.71	2.429		ug/L		43	15 - 130	3	30
Anthracene			5.71	6.630		ug/L		116	43 - 135	5	30
Benzo[a]anthracene			5.71	6.910		ug/L		121	42 - 133	16	30
Benzo[a]pyrene			5.71	5.844		ug/L		102	32 - 148	2	30
Benzo[b]fluoranthene			5.71	7.166		ug/L		125	42 - 140	15	30
Benzo[g,h,i]perylene			5.71	5.702		ug/L		100	25 - 195	2	30
Benzo[k]fluoranthene			5.71	6.840		ug/L		120	25 - 146	22	30
Benzyl alcohol			5.71	2.817	*-	ug/L		49	57 - 130	3	30
Bis(2-chloroethoxy)methane			5.71	5.822		ug/L		102	49 - 165	4	30
Bis(2-chloroethyl)ether			5.71	4.636		ug/L		81	43 - 126	4	30
Bis(2-ethylhexyl) phthalate			5.71	7.020		ug/L		123	29 - 137	15	30
Butyl benzyl phthalate			5.71	5.934		ug/L		104	28 - 130	7	30
Chrysene			5.71	6.311		ug/L		110	47 - 130	13	30
Dibenz(a,h)anthracene			5.71	5.978		ug/L		105	32 - 200	3	30
Dibenzofuran			5.71	5.269		ug/L		92	48 - 130	3	30
Diethyl phthalate			5.71	5.494		ug/L		96	53 - 120	8	30
Dimethyl phthalate			5.71	5.273		ug/L		92	67 - 120	4	30
Di-n-butyl phthalate			5.71	5.226		ug/L		91	8 - 120	4	30
Di-n-octyl phthalate			5.71	7.571		ug/L		132	19 - 200	14	30
Fluoranthene			5.71	6.429		ug/L		113	43 - 130	4	30
Fluorene			5.71	5.080		ug/L		89	70 - 130	3	30
Hexachlorobenzene			5.71	5.866		ug/L		103	8 - 142	6	30
Hexachlorobutadiene			5.71	3.679		ug/L		64	10 - 130	9	30
Hexachlorocyclopentadiene			5.71	10.18	*+	ug/L		178	10 - 130	0	30
Hexachloroethane			5.71	3.929		ug/L		69	10 - 130	1	30
Indeno[1,2,3-cd]pyrene			5.71	5.788		ug/L		101	29 - 151	0	30
Isophorone			5.71	5.240		ug/L		92	47 - 180	1	30
Naphthalene			5.71	4.669		ug/L		82	36 - 120	3	30
Nitrobenzene			5.71	5.472		ug/L		96	54 - 130	3	30
N-Nitrosodi-n-propylamine			5.71	4.432		ug/L		78	14 - 198	7	30
N-Nitrosodiphenylamine			5.71	5.381		ug/L		94	40 - 127	2	30
Pentachlorophenol			5.71	4.547		ug/L		80	38 - 152	2	30
Phenanthrene			5.71	5.954		ug/L		104	65 - 120	3	30
Phenol			5.71	1.774		ug/L		31	17 - 120	3	30
Pyrene			5.71	6.547		ug/L		115	70 - 130	10	30
Pyridine			5.71	1.829	J	ug/L		32	1 - 126	21	30
N-Nitro-o-toluidine			5.71	4.246		ug/L		74	47 - 130	5	30
2,3,4,6-Tetrachlorophenol			5.71	6.089		ug/L		107	33 - 132	1	30
Acetophenone			5.71	5.465		ug/L		96	58 - 130	7	30
N-Nitrosopiperidine			5.71	4.926		ug/L		86	54 - 130	1	30
Pentachlorobenzene			5.71	4.644		ug/L		81	47 - 130	5	30
Diphenyl ether			5.71	4.875		ug/L		85	61 - 130	3	30
1,1'-Biphenyl			5.71	4.017		ug/L		70	52 - 130	6	30
4-Aminobiphenyl			5.71	3.805		ug/L		67	35 - 130	3	30
1,2,4,5-Tetrachlorobenzene			5.71	4.181		ug/L		73	52 - 130	4	30
1,3,5-Trinitrobenzene			5.71	4.217		ug/L		74	42 - 130	4	30
1,3-Dinitrobenzene			5.71	5.000		ug/L		88	54 - 130	2	30
1,4-Naphthoquinone			5.71	4.818		ug/L		84	34 - 130	1	30

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-205841/3-A
Matrix: Water
Analysis Batch: 206380

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 205841

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Naphthylamine			5.71	2.035	*-	ug/L		36	40 - 130	1	30
2,6-Dichlorophenol			5.71	5.596		ug/L		98	40 - 130	4	30
2-Acetylaminofluorene			5.71	8.625	*+	ug/L		151	50 - 150	4	30
2-Chlorophenol			5.71	5.171		ug/L		90	36 - 120	3	30
2-Naphthylamine			5.71	2.730		ug/L		48	30 - 130	6	30
2-Picoline			5.71	1.373		ug/L		24	22 - 130	8	30
2-Toluidine			5.71	2.496		ug/L		44	30 - 130	8	30
3,3'-Dichlorobenzidine			5.71	5.518		ug/L		97	20 - 150	1	30
3,3'-Dimethylbenzidine			5.71	2.412		ug/L		42	30 - 130	11	30
3-Methylcholanthrene			5.71	5.788		ug/L		101	53 - 130	3	30
4-Nitroquinoline-1-oxide			5.71	4.888		ug/L		86	39 - 130	7	30
7,12-Dimethylbenz(a)anthracene			5.71	6.322		ug/L		111	63 - 130	13	30
alpha,alpha-Dimethyl phenethylamine			5.71	<3.67	U *-	ug/L		0	20 - 130	NC	30
Aramite Peak 1			2.86	3.305		ug/L		116	69 - 130	5	30
Aramite Peak 2			2.86	3.031		ug/L		106	65 - 130	7	30
Diallate Peak 1			4.23	3.745		ug/L		89	69 - 130	4	30
Diallate Peak 2			1.49	1.372		ug/L		92	67 - 130	4	30
Ethyl methanesulfonate			5.71	4.273		ug/L		75	54 - 130	4	30
Hexachloropropene			5.71	3.610		ug/L		63	37 - 130	3	30
Isosafrole Peak 1			0.914	0.8005		ug/L		88	54 - 130	5	30
Isosafrole Peak 2			4.80	4.207		ug/L		88	62 - 130	3	30
Methyl methanesulfonate			5.71	1.946		ug/L		34	30 - 130	1	30
N-Nitrosodiethylamine			5.71	5.221		ug/L		91	54 - 130	4	30
N-Nitrosodimethylamine			5.71	1.372	*-	ug/L		24	28 - 126	3	30
N-Nitrosodi-n-butylamine			5.71	5.487		ug/L		96	58 - 130	8	30
N-Nitrosomethylethylamine			5.71	3.259		ug/L		57	45 - 130	6	30
N-Nitrosomorpholine			5.71	2.348		ug/L		41	37 - 130	4	30
N-Nitrosopyrrolidine			5.71	2.804		ug/L		49	47 - 130	9	30
p-Dimethylamino azobenzene			5.71	5.535		ug/L		97	61 - 130	6	30
Pentachloronitrobenzene			5.71	5.191		ug/L		91	56 - 130	3	30
Phenacetin			5.71	4.886		ug/L		85	70 - 130	17	30
p-Phenylene diamine			5.71	<0.500	U *- *1	ug/L		0	3 - 120	200	30
Pronamide			5.71	5.529		ug/L		97	70 - 130	1	30
Safrole, Total			5.71	4.686		ug/L		82	70 - 130	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*87*		*35 - 130*
2-Fluorobiphenyl	*84*		*43 - 130*
2-Fluorophenol (Surr)	*52*		*19 - 120*
Nitrobenzene-d5 (Surr)	*98*		*37 - 133*
Phenol-d5 (Surr)	*34*		*8 - 124*
p-Terphenyl-d14	*108*		*47 - 130*

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-205841/5-A
Matrix: Water
Analysis Batch: 206380

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 205841

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethoate			2.86	5.010	*+	ug/L		175	45 - 138	1	30
Dinoseb			5.71	7.137		ug/L		125	49 - 130	9	30
Disulfoton			5.71	4.136		ug/L		72	38 - 134	9	30
Ethyl Parathion			2.86	5.012	*+	ug/L		175	25 - 173	9	30
Famphur			2.86	2.951		ug/L		103	43 - 142	9	30
Methapyrilene			5.71	10.86	*+	ug/L		190	70 - 183	6	30
Methyl parathion			5.71	5.051		ug/L		88	26 - 159	9	30
o,o',o''-Triethylphosphorothioate			2.86	2.265		ug/L		79	43 - 130	11	30
Phorate			5.71	5.125		ug/L		90	37 - 140	10	30
Sulfotepp			2.86	5.135	*+	ug/L		180	28 - 158	10	30
Thionazin			2.86	2.779		ug/L		97	50 - 150	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*88*		*35 - 130*
2-Fluorobiphenyl	*81*		*43 - 130*
2-Fluorophenol (Surr)	*58*		*19 - 120*
Nitrobenzene-d5 (Surr)	*93*		*37 - 133*
Phenol-d5 (Surr)	*42*		*8 - 124*
p-Terphenyl-d14	*87*		*47 - 130*

GC/MS VOA

Analysis Batch: 200630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-87137-1	TB-09(111324)	Total/NA	Water	8260D	
860-87137-2	MW-23	Total/NA	Water	8260D	
860-87137-3	MW-21	Total/NA	Water	8260D	
860-87137-4	MW-17	Total/NA	Water	8260D	
860-87137-5	MW-08	Total/NA	Water	8260D	
860-87137-6	MW-13	Total/NA	Water	8260D	
860-87137-7	DUPE-01	Total/NA	Water	8260D	
MB 860-200630/16	Method Blank	Total/NA	Water	8260D	
LCS 860-200630/1010	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-200630/11	Lab Control Sample Dup	Total/NA	Water	8260D	
860-87121-G-3 MS	Matrix Spike	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 200553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-87137-2 - DL	MW-23	Total/NA	Water	3511	
860-87137-2	MW-23	Total/NA	Water	3511	
860-87137-2 - RA	MW-23	Total/NA	Water	3511	
860-87137-2 - DL2	MW-23	Total/NA	Water	3511	
860-87137-3 - DL	MW-21	Total/NA	Water	3511	
860-87137-3	MW-21	Total/NA	Water	3511	
860-87137-3 - DL2	MW-21	Total/NA	Water	3511	
860-87137-4	MW-17	Total/NA	Water	3511	
860-87137-4 - DL	MW-17	Total/NA	Water	3511	
860-87137-4 - DL2	MW-17	Total/NA	Water	3511	
860-87137-5	MW-08	Total/NA	Water	3511	
860-87137-5 - DL	MW-08	Total/NA	Water	3511	
860-87137-6 - DL	MW-13	Total/NA	Water	3511	
860-87137-6	MW-13	Total/NA	Water	3511	
860-87137-7	DUPE-01	Total/NA	Water	3511	
860-87137-7 - DL	DUPE-01	Total/NA	Water	3511	
MB 860-200553/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-200553/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-200553/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-200553/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-200553/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 200999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-200553/1-A	Method Blank	Total/NA	Water	8270E	200553
LCS 860-200553/2-A	Lab Control Sample	Total/NA	Water	8270E	200553
LCSD 860-200553/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	200553

Analysis Batch: 201887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-200553/4-A	Lab Control Sample	Total/NA	Water	8270E	200553
LCSD 860-200553/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	200553

GC/MS Semi VOA

Analysis Batch: 205458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-87137-2	MW-23	Total/NA	Water	8270E	200553
860-87137-3	MW-21	Total/NA	Water	8270E	200553
860-87137-4	MW-17	Total/NA	Water	8270E	200553
860-87137-5	MW-08	Total/NA	Water	8270E	200553
860-87137-6	MW-13	Total/NA	Water	8270E	200553
860-87137-7	DUPE-01	Total/NA	Water	8270E	200553

Prep Batch: 205841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-87137-2 - RE	MW-23	Total/NA	Water	3511	
860-87137-2 - REDL	MW-23	Total/NA	Water	3511	
860-87137-3 - RE	MW-21	Total/NA	Water	3511	
860-87137-3 - REDL	MW-21	Total/NA	Water	3511	
860-87137-4 - RE	MW-17	Total/NA	Water	3511	
860-87137-4 - REDL	MW-17	Total/NA	Water	3511	
860-87137-5 - RE	MW-08	Total/NA	Water	3511	
860-87137-6 - RE	MW-13	Total/NA	Water	3511	
860-87137-7 - RE	DUPE-01	Total/NA	Water	3511	
MB 860-205841/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-205841/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-205841/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-205841/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-205841/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 206380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-205841/1-A	Method Blank	Total/NA	Water	8270E	205841
LCS 860-205841/2-A	Lab Control Sample	Total/NA	Water	8270E	205841
LCS 860-205841/4-A	Lab Control Sample	Total/NA	Water	8270E	205841
LCSD 860-205841/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	205841
LCSD 860-205841/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	205841

Analysis Batch: 207127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-87137-2 - DL	MW-23	Total/NA	Water	8270E	200553
860-87137-2 - RE	MW-23	Total/NA	Water	8270E	205841
860-87137-3 - DL	MW-21	Total/NA	Water	8270E	200553
860-87137-3 - RE	MW-21	Total/NA	Water	8270E	205841
860-87137-4 - DL	MW-17	Total/NA	Water	8270E	200553
860-87137-4 - RE	MW-17	Total/NA	Water	8270E	205841
860-87137-5 - DL	MW-08	Total/NA	Water	8270E	200553
860-87137-5 - RE	MW-08	Total/NA	Water	8270E	205841
860-87137-6 - DL	MW-13	Total/NA	Water	8270E	200553
860-87137-6 - RE	MW-13	Total/NA	Water	8270E	205841
860-87137-7 - DL	DUPE-01	Total/NA	Water	8270E	200553
860-87137-7 - RE	DUPE-01	Total/NA	Water	8270E	205841

Analysis Batch: 207538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-87137-2 - DL2	MW-23	Total/NA	Water	8270E	200553
860-87137-2 - REDL	MW-23	Total/NA	Water	8270E	205841

GC/MS Semi VOA (Continued)

Analysis Batch: 207538 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-87137-3 - DL2	MW-21	Total/NA	Water	8270E	200553
860-87137-3 - REDL	MW-21	Total/NA	Water	8270E	205841
860-87137-4 - DL2	MW-17	Total/NA	Water	8270E	200553
860-87137-4 - REDL	MW-17	Total/NA	Water	8270E	205841

Analysis Batch: 207776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-87137-2 - RA	MW-23	Total/NA	Water	8270E	200553

Client Sample ID: TB-09(111324)

Lab Sample ID: 860-87137-1

Date Collected: 11/13/24 00:00

Matrix: Water

Date Received: 11/15/24 09:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	200630	11/19/24 14:24	A1S	EET HOU

Client Sample ID: MW-23

Lab Sample ID: 860-87137-2

Date Collected: 11/13/24 08:42

Matrix: Water

Date Received: 11/15/24 09:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		50	5 mL	5 mL	200630	11/19/24 18:30	A1S	EET HOU
Total/NA	Prep	3511			70.2 mL	4 mL	200553	11/19/24 05:14	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	205458	12/14/24 07:10	T1S	EET HOU
Total/NA	Prep	3511	DL		70.2 mL	4 mL	200553	11/19/24 05:14	DR	EET HOU
Total/NA	Analysis	8270E	DL	100	1 mL	1 mL	207127	12/22/24 06:15	T1S	EET HOU
Total/NA	Prep	3511	RE		70.3 mL	4 mL	205841	12/17/24 07:00	DR	EET HOU
Total/NA	Analysis	8270E	RE	100	1 mL	1 mL	207127	12/22/24 09:15	T1S	EET HOU
Total/NA	Prep	3511	DL2		70.2 mL	4 mL	200553	11/19/24 05:14	DR	EET HOU
Total/NA	Analysis	8270E	DL2	1000	1 mL	1 mL	207538	12/25/24 12:17	PXS	EET HOU
Total/NA	Prep	3511	REDL		70.3 mL	4 mL	205841	12/17/24 07:00	DR	EET HOU
Total/NA	Analysis	8270E	REDL	1000	1 mL	1 mL	207538	12/25/24 13:45	PXS	EET HOU
Total/NA	Prep	3511	RA		70.2 mL	4 mL	200553	11/19/24 05:14	DR	EET HOU
Total/NA	Analysis	8270E	RA	1	1 mL	1 mL	207776	12/27/24 02:40	PXS	EET HOU

Client Sample ID: MW-21

Lab Sample ID: 860-87137-3

Date Collected: 11/13/24 09:40

Matrix: Water

Date Received: 11/15/24 09:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		50	5 mL	5 mL	200630	11/19/24 18:50	A1S	EET HOU
Total/NA	Prep	3511			70.2 mL	4 mL	200553	11/19/24 05:14	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	205458	12/14/24 07:40	T1S	EET HOU
Total/NA	Prep	3511	DL		70.2 mL	4 mL	200553	11/19/24 05:14	DR	EET HOU
Total/NA	Analysis	8270E	DL	100	1 mL	1 mL	207127	12/22/24 06:45	T1S	EET HOU
Total/NA	Prep	3511	RE		70.2 mL	4 mL	205841	12/17/24 07:00	DR	EET HOU
Total/NA	Analysis	8270E	RE	100	1 mL	1 mL	207127	12/22/24 09:45	T1S	EET HOU
Total/NA	Prep	3511	DL2		70.2 mL	4 mL	200553	11/19/24 05:14	DR	EET HOU
Total/NA	Analysis	8270E	DL2	1000	1 mL	1 mL	207538	12/25/24 12:46	PXS	EET HOU
Total/NA	Prep	3511	REDL		70.2 mL	4 mL	205841	12/17/24 07:00	DR	EET HOU
Total/NA	Analysis	8270E	REDL	1000	1 mL	1 mL	207538	12/25/24 14:14	PXS	EET HOU

Client Sample ID: MW-17

Lab Sample ID: 860-87137-4

Date Collected: 11/13/24 10:50

Matrix: Water

Date Received: 11/15/24 09:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		500	5 mL	5 mL	200630	11/19/24 19:11	A1S	EET HOU

Client Sample ID: MW-17

Lab Sample ID: 860-87137-4

Date Collected: 11/13/24 10:50

Matrix: Water

Date Received: 11/15/24 09:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			69.5 mL	4 mL	200553	11/19/24 05:14	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	205458	12/14/24 08:10	T1S	EET HOU
Total/NA	Prep	3511	DL		69.5 mL	4 mL	200553	11/19/24 05:14	DR	EET HOU
Total/NA	Analysis	8270E	DL	20	1 mL	1 mL	207127	12/22/24 07:15	T1S	EET HOU
Total/NA	Prep	3511	RE		70.4 mL	4 mL	205841	12/17/24 07:00	DR	EET HOU
Total/NA	Analysis	8270E	RE	20	1 mL	1 mL	207127	12/22/24 10:15	T1S	EET HOU
Total/NA	Prep	3511	DL2		69.5 mL	4 mL	200553	11/19/24 05:14	DR	EET HOU
Total/NA	Analysis	8270E	DL2	200	1 mL	1 mL	207538	12/25/24 13:16	PXS	EET HOU
Total/NA	Prep	3511	REDL		70.4 mL	4 mL	205841	12/17/24 07:00	DR	EET HOU
Total/NA	Analysis	8270E	REDL	200	1 mL	1 mL	207538	12/25/24 14:43	PXS	EET HOU

Client Sample ID: MW-08

Lab Sample ID: 860-87137-5

Date Collected: 11/14/24 07:48

Matrix: Water

Date Received: 11/15/24 09:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		100	5 mL	5 mL	200630	11/19/24 19:31	A1S	EET HOU
Total/NA	Prep	3511			70.3 mL	4 mL	200553	11/19/24 05:14	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	205458	12/14/24 08:40	T1S	EET HOU
Total/NA	Prep	3511	DL		70.3 mL	4 mL	200553	11/19/24 05:14	DR	EET HOU
Total/NA	Analysis	8270E	DL	50	1 mL	1 mL	207127	12/22/24 07:45	T1S	EET HOU
Total/NA	Prep	3511	RE		70.6 mL	4 mL	205841	12/17/24 07:00	DR	EET HOU
Total/NA	Analysis	8270E	RE	50	1 mL	1 mL	207127	12/22/24 10:45	T1S	EET HOU

Client Sample ID: MW-13

Lab Sample ID: 860-87137-6

Date Collected: 11/14/24 08:44

Matrix: Water

Date Received: 11/15/24 09:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		20	5 mL	5 mL	200630	11/19/24 19:52	A1S	EET HOU
Total/NA	Prep	3511			70.1 mL	4 mL	200553	11/19/24 05:14	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	205458	12/14/24 09:10	T1S	EET HOU
Total/NA	Prep	3511	DL		70.1 mL	4 mL	200553	11/19/24 05:14	DR	EET HOU
Total/NA	Analysis	8270E	DL	50	1 mL	1 mL	207127	12/22/24 08:15	T1S	EET HOU
Total/NA	Prep	3511	RE		69.8 mL	4 mL	205841	12/17/24 07:00	DR	EET HOU
Total/NA	Analysis	8270E	RE	50	1 mL	1 mL	207127	12/22/24 11:15	T1S	EET HOU

Client Sample ID: DUPE-01

Lab Sample ID: 860-87137-7

Date Collected: 11/14/24 00:00

Matrix: Water

Date Received: 11/15/24 09:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		20	5 mL	5 mL	200630	11/19/24 20:12	A1S	EET HOU
Total/NA	Prep	3511			69.8 mL	4 mL	200553	11/19/24 05:14	DR	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	205458	12/14/24 09:40	T1S	EET HOU

Lab Chronicle

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87137-1

Client Sample ID: DUPE-01

Date Collected: 11/14/24 00:00
Date Received: 11/15/24 09:56

Lab Sample ID: 860-87137-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511	DL		69.8 mL	4 mL	200553	11/19/24 05:14	DR	EET HOU
Total/NA	Analysis	8270E	DL	50	1 mL	1 mL	207127	12/22/24 08:45	T1S	EET HOU
Total/NA	Prep	3511	RE		70.3 mL	4 mL	205841	12/17/24 07:00	DR	EET HOU
Total/NA	Analysis	8270E	RE	50	1 mL	1 mL	207127	12/22/24 11:45	T1S	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Ashland LLC
Job ID: 860-87137-1
Project/Site: Hercules Hattiesburg, MS

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	12-20-25
Oklahoma	NELAP	1306	12-31-24
Texas	NELAP	T104704215	06-30-25
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87137-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Ashland LLC
Project/Site: Hercules Hattiesburg, MS

Job ID: 860-87137-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-87137-1	TB-09(111324)	Water	11/13/24 00:00	11/15/24 09:56
860-87137-2	MW-23	Water	11/13/24 08:42	11/15/24 09:56
860-87137-3	MW-21	Water	11/13/24 09:40	11/15/24 09:56
860-87137-4	MW-17	Water	11/13/24 10:50	11/15/24 09:56
860-87137-5	MW-08	Water	11/14/24 07:48	11/15/24 09:56
860-87137-6	MW-13	Water	11/14/24 08:44	11/15/24 09:56
860-87137-7	DUPE-01	Water	11/14/24 00:00	11/15/24 09:56

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

RVAO Wells

eurofins | Environment Testing

12/27/2024

Client Information	Sampler: B. Cassidy	Lab PM: Kudchadkar Sachin G	Carrier Tracking No(s):	COC No: 860-33465-10045.1
Client Contact: Mr Antonio Cardoso	Phone: 281-615-9867	E-Mail: Sachin.Kudchadkar@et.eurofinsus.com	State of Origin: MS	Page: Page 1 of 1
Company: Arcadis US Inc.	PWSID:			Job #:
Address: 4300 West Cypress Street Suite 450	Due Date Requested:	Analysis Requested		Preservation Codes: N None
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33607	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 1095575			Other:
Email: antonio.cardoso@arcadis.com	WO #:			
Project Name: Hercules Hattiesburg, MS	Project #: 86006085			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E_QQQ (MOD) Appendix 9 SVOCs	8260D (MOD) Appendix 9 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
TB-09(111324)	11-13-24	—	G	Water	N	N		X	2	
MW-23	11-13-24	0842	G	Water	N	N	X	X	7	
MW-21	11-13-24	0940	G	Water	N	N	X	X	7	
MW-17	11-13-24	1050	G	Water	N	N	X	X	7	
MW-08	11-14-24	0748	G	Water	N	N	X	X	7	
MW-13	11-14-24	0844	G	Water	N	N	X	X	7	
DUPE-01	11-14-24	—	G	Water	N	N	X	X	7	
				Water						
				Water						
				Water						
				Water						

860-87137 Chain of Custody

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☒ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☒ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	11/14/24 0930	ARCADIS			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				11/15/24 956	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 4 2 4 1 Hou 366

Ver 05/06/2024

Login Sample Receipt Checklist

Client: Ashland LLC

Job Number: 860-87137-1

Login Number: 87137
List Number: 1
Creator: Jimenez, Nicanor

List Source: Eurofins Houston

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Tables

Table 1
Groundwater Analytical Results - Alluvial Aquifer
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	MW-01	MW-02	MW-03	MW-04	MW-05	MW-06	MW-07	MW-08	MW-09	MW-10	MW-11	MW-12	MW-13	Duplicate MW-13	MW-14
				Sample Date:	11/11/2024	11/11/2024	11/11/2024	11/12/2024	11/12/2024	11/12/2024	11/14/2024	11/14/2024	11/12/2024	11/12/2024	11/12/2024	11/14/2024	11/14/2024	11/14/2024	11/13/2024
				Program:	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO Poly Pale	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO
Volatile Organic Compounds; Method 8260B																			
1,1,1,2-Tetrachloroethane	0.57	NS	0.41		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
1,1,1-Trichloroethane	800	200	200		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 100 U	< 100 U	< 5.00 U
1,1,2,2-Tetrachloroethane	0.076	NS	0.05		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
1,1,2-trichloro-1,2,2-trifluoroethane	1000	NS	59375.79		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 1000 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 200 U	< 200 U	< 10.0 U
1,1,2-Trichloroethane	0.041	5	5		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
1,1-Dichloroethane	2.8	NS	798.44		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
1,1-Dichloroethene	0.82	7	7		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
1,2,3-Trichloropropane	0.00075	NS	0.00623		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
1,2,4-Trimethylbenzene	5.6	NS	12.33		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
1,2-Dibromo-3-chloropropane	0.00033	0.2	0.20		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 100 U	< 100 U	< 5.00 U
1,2-Dibromoethane	0.0075	0.05	0.05		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 100 U	< 100 U	< 5.00 U
1,2-Dichloroethane	0.17	5	5		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
1,2-Dichloropropane	0.82	5	5		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 100 U	< 100 U	< 5.00 U
1,3,5-Trimethylbenzene	6	NS	12.33		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
1,3-Butadiene	0.071	NS	0.00696		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
2,2,4-Trimethylpentane	NS	NS	NS		< 5.00 U	< 5.00 U	< 5.00 U	**0.570 J**	< 5.00 U	< 5.00 U	< 5.00 U	< 500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 100 U	< 100 U	< 5.00 U
2-Butanone (MEK)	560	NS	1906.09		< 50.0 UH	< 50.0 UH	< 50.0 UH	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 5000 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 1000 U	< 1000 U	< 50.0 U
2-Chlor-1,3-Butadiene	0.0068	NS	14.31		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 100 U	< 100 U	< 5.00 U
2-Methyl-1-propanol	73	NS	1825		< 50.0 UH	< 50.0 UH	< 50.0 UH	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 5000 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 1000 U	< 1000 U	< 50.0 U
4-Methyl-2-Pentanone	630	NS	139.05		< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 5000 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 1000 U	< 1000 U	< 50.0 U
Acetone	1800	NS	608.33		< 100 U	< 100 U	< 100 U	< 100 U	**9.55 J**	**20.4 J**	**16.3 J**	< 10000 U	< 100 U	< 100 U	< 100 U	**18.4 J**	< 2000 U	< 2000 U	**35.6 J**
Acetonitrile	13	NS	125.14		< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 10000 U	< 100 U	< 100 U	< 100 U	< 100 U	< 2000 U	< 2000 U	< 100 U
Acrolein	0.0042	NS	0.0416		< 50.0 UH	< 50.0 UH	< 50.0 UH	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 5000 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 1000 U	< 1000 U	< 50.0 U
Acrylonitrile	0.052	NS	0.0367		< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 5000 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 1000 U	< 1000 U	< 50.0 U
Allyl chloride	0.21	NS	NS		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 100 U	< 100 U	< 5.00 U
Benzene	0.46	5	5		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	***481***	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	***327***	***286***	< 1.00 U
Benzyl Chloride	0.089	NS	0.06		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 100 U	< 100 U	< 5.00 U
Bromodichloromethane	0.13	80	0.17		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
Bromoform	3.3	80	8.48		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 100 U	< 100 U	< 5.00 U
Bromomethane	0.75	NS	8.52		< 5.00 UH	< 5.00 UH	< 5.00 UH	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 100 U	< 100 U	< 5.00 U
Carbon Disulfide	81	NS	1042.86		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 100 U	< 100 U	< 5.00 U
Carbon Tetrachloride	0.46	5	5		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	***1500***	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	***1030***	***961***	< 5.00 U
CFC-11	520	NS	1288.24		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
CFC-12	20	NS	347.62		< 1.00 UH	< 1.00 UH	< 1.00 UH	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
Chlorobenzene	7.8	100	100		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	***101***	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	***25***	***22.7***	< 1.00 U
Chlorodibromomethane	0.87	80	0.13		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 100 U	< 100 U	< 5.00 U
Chloroethane	830	NS	3.64		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 1000 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 200 U	< 200 U	< 10.0 U
Chloroform	0.22	80	0.15		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	***221***	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	***288***	***255***	< 1.00 U
Chloromethane	19	NS	1.43		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 1000 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 200 U	< 200 U	< 10.0 U
cis-1,2-Dichloroethene	2.5	70	70		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
cis-1,3-Dichloropropene	NS	NS	NS		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 100 U	< 100 U	< 5.00 U
Cyclohexane	1300	NS	NS		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 100 U	< 100 U	< 5.00 U
Dibromomethane	0.83	NS	60.83		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
Dichloromethane	11	5	5		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	***192 J***	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 100 U	< 100 U	< 5.00 U
Ethyl Methacrylate	63	NS	547.5		< 5.00 UH	< 5.00 UH	< 5.00 UH	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 100 U	< 100 U	< 5.00 U
Ethylbenzene	1.5	700	700		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
Hexane	150	NS	350.18		< 5.00 UH	< 5.00 UH	< 5.00 UH	< 5.00 U	< 5.00 U	0.632 J	< 5.00 U	< 500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 100 U	< 100 U	< 5.00 U
Iodomethane	NS	NS	NS		< 20.0 UH	< 20.0 UH	< 20.0 UH	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U*+	< 2000 U*+	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U*+	< 400 U*+	< 400 U*+	< 20.0 UF1*+
Isopropyl alcohol	41	NS	NS		< 10.0 U	< 10.0 U	< 10.0 U	10.3	< 10.0 U	< 10.0 U	< 10.0 U	< 1000 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 200 U	< 200 U	< 10.0 U
Isopropylbenzene	45	NS	679.07		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
m&p-Xylenes	NS	NS	NS		< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 1.00 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.200 U	< 0.200 U	< 0.0100 U
Methyl methacrylate	140	NS	1419.44		< 10.0 UH	< 10.0 UH	< 10.0 UH	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 1000 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 200 U	< 200 U	< 10.0 U
Methyl N-Butyl Ketone (2-Hexanone)	3.8	NS	1460		< 50.0 UH	< 50.0 UH	< 50.0 UH	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 5000 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 1000 U	< 1000 U	< 50.0 U

Footnotes on Page 20.

Table 1
Groundwater Analytical Results - Alluvial Aquifer
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	MW-01	MW-02	MW-03	MW-04	MW-05	MW-06	MW-07	MW-08	MW-09	MW-10	MW-11	MW-12	MW-13	Duplicate MW-13	MW-14
				Sample Date:	11/11/2024	11/11/2024	11/11/2024	11/12/2024	11/12/2024	11/12/2024	11/14/2024	11/14/2024	11/12/2024	11/12/2024	11/12/2024	11/14/2024	11/14/2024	11/14/2024	11/13/2024
				Program:	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO Poly Pale	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO
Volatile Organic Compounds; Method 8260B (continued)																			
Methylacrylonitrile	0.19	NS	1.04		< 10.0 UH	< 10.0 UH	< 10.0 UH	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 1000 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 200 U	< 200 U	< 10.0 U
Methyl-tert-butylether	14	NS	40		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 100 U	< 100 U	< 5.00 U
n-Propylbenzene	66	NS	243.33		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
o-Xylene	0.019	NS	12.17		< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.0200 U	< 0.0200 U	< 0.00100 U
Propionitrile	NS	NS	NS		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 1000 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 200 U	< 200 U	< 10.0 U
Styrene (Monomer)	120	100	100		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
Tetrachloroethene	4.1	5	5		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
Tetrahydrofuran	340	NS	NS		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	2.38 J	< 10.0 U	< 10.0 U	< 1000 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 200 U	< 200 U	< 10.0 U
Toluene	110	1000	1000		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
Total Xylenes	19	10000	10000		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 1000 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 200 U	< 200 U	< 10.0 U
trans-1,2-Dichloroethene	6.8	100	100		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 100 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 20.0 U	< 20.0 U	< 1.00 U
trans-1,3-Dichloropropene	NS	NS	NS		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 100 U	< 100 U	< 5.00 U
trans-1,4-Dichloro-2-butene	0.0013	NS	NS		< 10.0 UH	< 10.0 UH	< 10.0 UH	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 1000 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 200 U	< 200 U	< 10.0 U
Trichloroethene	0.28	5	5		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 100 U	< 100 U	< 5.00 U
Vinyl acetate	41	NS	412.12		< 20.0 UH	< 20.0 UH	< 20.0 UH	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 2000 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 400 U	< 400 U	< 20.0 U
Vinyl chloride	0.019	2	2		< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 200 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 40.0 U	< 40.0 U	< 2.00 U
Semivolatile Organic Compounds; Method 8270D																			
1,1-Biphenyl	0.083	NS	304.17		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	***0.342 J***
1,2,4,5-Tetrachlorobenzene	0.017	NS	10.95		< 0.576 U*-	< 0.574 U*-	< 0.576 U*-	< 0.573 U*-	< 0.569 U*-	< 0.571 U*-	< 0.567 U	< 0.569 U	< 0.567 U*-	< 0.573 U*-	< 0.571 U*-	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
1,2,4-Trichlorobenzene	0.4	70	70		< 0.576 U*-	< 0.574 U*-	< 0.576 U*-	< 0.573 U*-	< 0.569 U*-	< 0.571 U*-	< 0.567 U	**0.160 J**	< 0.567 U*-	< 0.573 U*-	< 0.571 U*-	< 0.570 U	**0.0957 J**	**0.0898 J**	< 0.563 U
1,2-Dichlorobenzene	30	600	600		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	**1.09**	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	**0.93**	**0.87**	< 0.563 U
1,3,5-Trinitrobenzene	59	NS	1095		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
1,3-Dichlorobenzene	NS	NS	5.48		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	**0.264 J**	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	**0.118 J**	**0.112 J**	< 0.563 U
1,3-Dinitrobenzene	0.2	NS	3.65		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
1,4-Dichlorobenzene	0.48	75	75		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	***1.62***	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	***1.16***	***1.11***	< 0.563 U
1,4-Dioxane	0.46	NS	6.09		< 0.576 U	**0.292 JI**	< 0.576 U	***11.1***	***306***	**0.173 J**	***0.645***	***623***	***10.5***	**0.128 JI**	< 0.571 U	< 0.570 U	***123***	***117***	***355***
1,4-Naphthoquinone	NS	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
1-Naphthylamine	NS	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U*-	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U*-	< 0.571 U	< 0.573 U	< 0.563 U*-
2,2-Oxybis(1-Chloropropane)	71	NS	0.26		< 2.88 U	< 2.87 U	< 2.88 U	< 2.87 U	< 2.84 U	< 2.85 U	< 2.84 U	< 2.84 U	< 2.84 U	< 2.87 U	< 2.85 U	< 2.85 U	< 2.85 U	< 2.87 U	< 2.82 U
2,3,4,6-Tetrachlorophenol	24	NS	1095		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
2,4,5-Trichlorophenol	120	NS	3650		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U*+	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U*+	< 0.573 U*+	< 0.563 U
2,4,6-Trichlorophenol	1.2	NS	6.09		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U*+	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U*+	< 0.573 U*+	< 0.563 U
2,4-Dichlorophenol	4.6	NS	109.5		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
2,4-Dimethylphenol	36	NS	730		< 0.576 U*+	< 0.574 U*+	< 0.576 U*+	< 0.573 U*+	< 0.569 U*+	< 0.571 U*+	< 0.567 U*+	**0.652 I*+**	< 0.567 U*+	< 0.573 U*+	< 0.571 U*+	< 0.570 U*+	< 0.571 U*+	< 0.573 U*+	**0.301 J*+I**
2,4-Dinitrophenol	3.9	NS	73		< 2.88 U	< 2.87 U	< 2.88 U	< 2.87 U	< 2.84 U	< 2.85 U	< 2.84 U	< 2.84 U	< 2.84 U	< 2.87 U	< 2.85 U	< 2.85 U	< 2.85 U	< 2.87 U	< 2.82 U
2,4-Dinitrotoluene	0.24	NS	73		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
2,6-Dichlorophenol	NS	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
2,6-Dinitrotoluene	0.049	NS	36.5		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	***0.656 I***
2-Acetylaminofluorene	0.016	NS	NS		< 2.88 U*+	< 2.87 U*+	< 2.88 U*+	< 2.87 U*+	< 2.84 U*+	< 2.85 U*+	< 2.84 U	< 2.84 U*+	< 2.84 U*+	< 2.87 U*+	< 2.85 U*+	< 2.85 U	< 2.85 U*+	< 2.87 U*+	< 2.82 U
2-Chloronaphthalene	75	NS	486.67		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
2-Chlorophenol	9.1	NS	30.42		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	**0.240 J*+**	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U*+	< 0.573 U*+	< 0.563 U
2-Methyl-4,6-dinitrophenol	0.15	NS	3.65		< 1.15 U	< 1.15 U	< 1.15 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.13 U
2-Methylnaphthalene	3.6	NS	121.67		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	0.129 JI	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
2-Methylphenol	93	NS	1825.00		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
2-Naphthylamine	0.039	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
2-Nitroaniline	19	NS	0.42		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U*+	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U*+	< 0.573 U*+	< 0.563 U
2-Nitrophenol	NS	NS	0.42		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
2-Picoline	NS	NS	NS		< 0.576 U*-*1	< 0.574 U*-*1	< 0.576 U*-*1	< 0.573 U*-*1	< 0.569 U*-*1	< 0.571 U*-*1	< 0.567 U	< 0.569 U	< 0.567 U*-*1	< 0.573 U*-*1	< 0.571 U*-*1	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
3,3-Dichlorobenzidine	0.13	NS	0.15		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
3,3-Dimethylbenzidine	0.0021	NS	0.00728		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
3-Methylchloranthrene	0.0011	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
3-Methylphenol, 4-Methylphenol	NS	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	**5.02**	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	**0.754**	0.608 I	< 0.563 U
3-Nitroaniline	NS	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U

Footnotes on Page 20.

Table 1
Groundwater Analytical Results - Alluvial Aquifer
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	MW-01	MW-02	MW-03	MW-04	MW-05	MW-06	MW-07	MW-08	MW-09	MW-10	MW-11	MW-12	MW-13	Duplicate MW-13	MW-14
				Sample Date:	11/11/2024	11/11/2024	11/11/2024	11/12/2024	11/12/2024	11/12/2024	11/14/2024	11/14/2024	11/12/2024	11/12/2024	11/12/2024	11/14/2024	11/14/2024	11/14/2024	11/13/2024
				Program:	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO Poly Pale	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO
Semivolatile Organic Compounds; Method 8270D (continued)																			
4-Aminobiphenyl	0.003	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
4-Bromophenyl phenyl ether	NS	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U*+	< 0.569 U*+	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U*+	< 0.571 U*+	< 0.573 U*+	< 0.563 U*+
4-Chloro-3-Methylphenol	140	NS	73000		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
4-Chlorophenyl phenyl ether	NS	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
4-Dimethylaminoazobenzene	0.005	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
4-Nitroaniline	3.8	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
4-Nitroquinoline-N-Oxide	NS	NS	NS		< 1.15 U	< 1.15 U	< 1.15 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.13 U
5-Nitro-o-Toluidine	8.2	NS	2.03		< 1.15 U	< 1.15 U	< 1.15 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.13 U
7,12-Dimethylbenz(a)anthracene	0.0001	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U*+	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U*+	< 0.573 U*+	< 0.563 U
Acenaphthene	53	NS	365		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	**0.505 J**	< 0.571 U	< 0.567 U	**0.111 J**	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	**0.245 J**
Acenaphthylene	NS	NS	2190		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Acetophenone[1]	190	NS	NS		< 1.15 U	< 1.15 U	< 1.15 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.13 U	< 1.14 U*+	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U*+	< 1.15 U*+	< 1.13 U
Aniline	13	NS	11.75		**0.211 JI**	< 0.574 U	**0.114 J**	< 0.573 U	< 0.569 U	**0.94**	< 0.567 U	< 0.569 U	**0.444 JI**	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Anthracene	180	NS	43.4		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	0.0985 J	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Aramite	1.3	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Aramite Peak 1	NS	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U*+	< 0.569 U*+	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U*+	< 0.571 U*+	< 0.573 U*+	< 0.563 U*+
Aramite Peak 2	NS	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U*+	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U*+	< 0.573 U*+	< 0.563 U
Benz(a)anthracene	0.03	NS	0.09		< 0.0288 U*+	< 0.0287 U*+	< 0.0288 U*+	< 0.0287 U*+	< 0.0284 U*+	< 0.0285 U*+	< 0.0284 U*+	< 0.0284 U*+	< 0.0284 U*+	< 0.0287 U*+	< 0.0285 U*+	< 0.0285 U*+	< 0.0285 U*+	< 0.0287 U*+	< 0.0282 U*+
Benzo(a)pyrene	0.025	0.2	0.2		< 0.0576 U	< 0.0574 U	< 0.0576 U	< 0.0573 U	< 0.0569 U	< 0.0571 U	< 0.0567 U	< 0.0569 U	< 0.0567 U	< 0.0573 U	< 0.0571 U	< 0.0570 U	< 0.0571 U	< 0.0573 U	< 0.0563 U
Benzo(b)fluoranthene	0.25	NS	0.09		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U*+	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U*+	< 0.573 U*+	< 0.563 U
Benzo(g,h,i)perylene	NS	NS	1095		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Benzo(k)fluoranthene	2.5	NS	0.92		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Benzyl Alcohol	200	NS	10950		< 1.15 U*-	< 1.15 U*-	< 1.15 U*-	< 1.15 U*-	< 1.14 U*-	< 1.14 U*-	< 1.13 U*-	**1.87 I**	< 1.13 U*-	< 1.15 U*-	< 1.14 U*-	< 1.14 U*-	**0.813 J**	< 1.15 U	< 1.13 U*-
bis(2-Chloroethoxy)methane	5.9	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	***81.2 I***	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	***11.6 I***
bis(2-Chloroethyl)ether	0.014	NS	0.009202		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U*+	< 0.569 U*+	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U*+	< 0.571 U*+	< 0.573 U*+	< 0.563 U*+
bis(2-Ethylhexyl)phthalate	5.6	6	6		< 1.15 U	< 1.15 U	< 1.15 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.13 U
Butyl benzyl phthalate	16	NS	2690		< 1.15 U	< 1.15 U	< 1.15 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.13 U
Chrysene	25	NS	9.17		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U*+	< 0.569 U*+	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U*+	< 0.571 U*+	< 0.573 U*+	< 0.563 U*+
Diallate	0.54	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Diallate Peak 1	NS	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U*+	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U*+	< 0.571 U	< 0.573 U	< 0.563 U*+
Diallate Peak 2	NS	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Dibenz(a,h)anthracene	0.025	NS	0.00917		< 0.115 U	< 0.115 U	< 0.115 U	< 0.115 U	< 0.114 U	< 0.114 U	< 0.113 U	< 0.114 U	< 0.113 U	< 0.115 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.115 U	< 0.113 U
Dibenzofuran	0.79	NS	24.33		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U*+	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U*+	< 0.573 U*+	< 0.563 U
Diethyl phthalate	1500	NS	29200		< 1.15 U*+	< 1.15 U*+	< 1.15 U*+	< 1.15 U*+	**0.216 J*+**	< 1.14 U*+	< 1.13 U	**0.546 J**	< 1.13 U*+	< 1.15 U*+	< 1.14 U*+	< 1.14 U	**0.186 JI**	**0.167 JI**	< 1.13 U
Dimethoate	4.4	NS	NS		< 0.576 U*+	< 0.574 U*+	< 0.576 U*+	< 0.573 U*+	< 0.569 U*+	< 0.571 U	< 0.567 U*+	< 0.569 U*+	< 0.567 U	< 0.573 U*+	< 0.571 U*+	< 0.570 U*+	< 0.571 U*+	< 0.573 U*+	< 0.563 U*+
Dimethyl phthalate	NS	NS	365000		< 1.15 U*+	< 1.15 U*+	< 1.15 U*+	< 1.15 U*+	< 1.14 U*+	< 1.14 U*+	< 1.13 U	< 1.14 U	< 1.13 U*+	< 1.15 U*+	< 1.14 U*+	< 1.14 U	< 1.14 U	< 1.15 U	< 1.13 U
Dimethylphenethylamine	NS	NS	NS		< 5.76 U*-*1	< 5.74 U*-*1	< 5.76 U*-*1	< 5.73 U*-*1	< 5.69 U*-*1	< 5.71 U*-	< 5.67 U*-	< 5.69 U*-	< 5.67 U*-	< 5.73 U*-*1	< 5.71 U*-*1	< 5.70 U*-	< 5.71 U*-	< 5.73 U*-	< 5.63 U*-
Di-n-butyl phthalate	90	NS	3650		< 1.15 U*+	< 1.15 U*+	< 1.15 U*+	< 1.15 U*+	< 1.14 U*+	< 1.14 U*+	< 1.13 U	< 1.14 U	< 1.13 U*+	< 1.15 U*+	< 1.14 U*+	< 1.14 U	< 1.14 U	< 1.15 U	< 1.13 U
Di-n-octyl phthalate	20	NS	20		< 1.15 U	< 1.15 U	< 1.15 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.13 U
Dinoseb	1.5	7	7		< 2.88 U*+	< 2.87 U*+	< 2.88 U*+	< 2.87 U*+	< 2.84 U*+	< 2.85 U	< 2.84 U*+	< 2.84 U*+	< 2.84 U	< 2.87 U*+	< 2.85 U*+	< 2.85 U*+	< 2.85 U*+	< 2.87 U*+	< 2.82 U*+
Diphenyl ether	0.083	NS	NS		***0.202 J***	< 0.574 U	< 0.576 U	***120***	***3.76***	***0.115 JI***	***16***	***0.365 J***	***1.29***	< 0.573 U	***0.148 J***	***0.0928 JI***	***0.208 J***	***0.237 J***	***122***
Disulfoton	0.05	NS	1.46		< 0.576 U*+	< 0.574 U*+	< 0.576 U*+	< 0.573 U*+	< 0.569 U*+	< 0.571 U	< 0.567 U*+	< 0.569 U*+	< 0.567 U	< 0.573 U*+	< 0.571 U*+	< 0.570 U*+	< 0.571 U*+	< 0.573 U*+	< 0.563 U*+
Ethyl Methanesulfonate	NS	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Famphur	NS	NS	NS		< 1.15 U*+	< 1.15 U*+	< 1.15 U*+	< 1.15 U*+	< 1.14 U*+	< 1.14 U	< 1.13 U*+	< 1.14 U*+	< 1.13 U	< 1.15 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.15 U*+	< 1.13 U*+
Fluoranthene	80	NS	1460		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Fluorene	29	NS	243.33		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	**0.170 J**	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Hexachloro-1,3-butadiene	0.14	NS	0.86		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Hexachlorobenzene	0.0098	1	1		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Hexachlorocyclopentadiene	0.041	50	50		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U*+	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U*+	< 0.573 U*+	< 0.563 U
Hexachloroethane	0.33	NS	4.78		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	0.308 J	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	**0.134 J**	**0.141 J**	< 0.563 U
Hexachloropropene	NS	NS	NS		< 0.576 U*-	< 0.574 U*-	< 0.576 U*-	< 0.573 U*-	< 0.569 U*-	< 0.571 U*-	< 0.567 U*-	< 0.569 U	< 0.567 U*-	< 0.573 U*-	< 0.571 U*-	< 0.570 U*-	< 0.571 U	< 0.573 U	< 0.563 U*-
Indeno(1,2,3-cd)pyrene	0.25	NS	0.09174		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Isophorone	78	NS	70.5		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U

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Table 1
Groundwater Analytical Results - Alluvial Aquifer
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	MW-01	MW-02	MW-03	MW-04	MW-05	MW-06	MW-07	MW-08	MW-09	MW-10	MW-11	MW-12	MW-13	Duplicate MW-13	MW-14
				Sample Date:	11/11/2024	11/11/2024	11/11/2024	11/12/2024	11/12/2024	11/12/2024	11/14/2024	11/14/2024	11/12/2024	11/12/2024	11/12/2024	11/14/2024	11/14/2024	11/14/2024	11/13/2024
				Program:	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO Poly Pale	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO
Semivolatile Organic Compounds; Method 8270D (continued)																			
Isosafrole	NS	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Isosafrole Peak 1	NS	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Isosafrole Peak 2	NS	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Methapyrilene	NS	NS	NS		< 2.30 U*+	< 2.30 U*+	< 2.30 U*+	< 2.29 U*+	< 2.28 U*+	< 2.28 U	< 2.27 U*+	< 2.28 U*+	< 2.27 U	< 2.29 U*+	< 2.28 U*+	< 2.28 U*+	< 2.28 U*+	< 2.29 U*+	< 2.25 U*+
Methyl methanesulfonate	0.79	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Methyl parathion	0.45	NS	9.13		< 0.576 U*+	< 0.574 U*+	< 0.576 U*+	< 0.573 U*+	< 0.569 U*+	< 0.571 U	< 0.567 U*+	< 0.569 U*+	< 0.567 U	< 0.573 U*+	< 0.571 U*+	< 0.570 U*+	< 0.571 U*+	< 0.573 U*+	< 0.563 U*+
Naphthalene	0.12	NS	6.2		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	***0.363 J***	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Nitrobenzene	0.14	NS	3.53		***0.204 J***	< 0.574 U	**0.130 J**	< 0.573 U	***2.12 I***	***0.421 J***	< 0.567 U	< 0.569 U	***0.328 J***	< 0.573 U	**0.139 J**	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
N-Nitrosodiethylamine	0.00017	NS	0.000446		< 1.15 U	< 1.15 U	< 1.15 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.13 U
N-Nitrosodimethylamine	0.00011	NS	0.001313		< 0.576 U*-	< 0.574 U*-	< 0.576 U*-	< 0.573 U*-	< 0.569 U*-	< 0.571 U*-	< 0.567 U*-	< 0.569 U*-	< 0.567 U*-	< 0.573 U*-	< 0.571 U*-	< 0.570 U*-	< 0.571 U*-	< 0.573 U*-	< 0.563 U*-
N-Nitrosodi-n-butylamine	0.0027	NS	0.001894		< 1.15 U	< 1.15 U	< 1.15 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.13 U
N-Nitrosodi-n-propylamine	0.011	NS	0.00957		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
N-Nitrosodiphenylamine	12	NS	13.67		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U*+	< 0.569 U*+	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U*+	< 0.571 U*+	< 0.573 U*+	< 0.563 U*+
N-Nitrosomorpholine	0.012	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
N-Nitroso-N-methylethylamine	0.00071	NS	0.00		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
N-Nitrosopiperidine	0.0082	NS	NS		< 1.15 U	< 1.15 U	< 1.15 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.13 U
N-Nitrosopyrrolidine	0.037	NS	0.03		< 0.576 U*-	< 0.574 U*-	< 0.576 U*-	< 0.573 U*-	< 0.569 U*-	< 0.571 U*-	< 0.567 U*-	< 0.569 U	< 0.567 U*-	< 0.573 U*-	< 0.571 U*-	< 0.570 U*-	< 0.571 U	< 0.573 U	< 0.563 U*-
o,o,o-Triethyl phosphorothioate	NS	NS	NS		< 0.576 U*+	< 0.574 U*+	< 0.576 U*+	**35.2 *+**	**16.1 *+**	< 0.571 U	< 0.567 U*+	**662**	**0.916**	< 0.573 U*+	< 0.571 U*+	< 0.570 U*+	**66.7**	**62.8**	**162 *+**
o,o-Diethyl o-pyrazinyl phosphorothioate	NS	NS	NS		< 1.15 U*+	< 1.15 U*+	< 1.15 U*+	< 1.15 U*+	< 1.14 U*+	< 1.14 U	< 1.13 U*+	< 1.14 U*+	< 1.13 U	< 1.15 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.15 U*+	< 1.13 U*+
o-Toluidine	4.7	NS	0.28		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Parathion	8.6	NS	219		< 0.230 U*+	< 0.230 U*+	< 0.230 U*+	< 0.229 U*+	< 0.228 U*+	< 0.228 U	< 0.227 U*+	< 0.228 U*+	< 0.227 U	< 0.229 U*+	< 0.228 U*+	< 0.228 U*+	< 0.228 U*+	< 0.229 U*+	< 0.225 U*+
p-Chloroaniline	0.37	NS	146		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Pentachlorobenzene	0.32	NS	29.20		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Pentachloronitrobenzene	0.12	NS	0.26		< 0.576 U*+	< 0.574 U*+	< 0.576 U*+	< 0.573 U*+	< 0.569 U*+	< 0.571 U*+	< 0.567 U*+	< 0.569 U	< 0.567 U*+	< 0.573 U*+	< 0.571 U*+	< 0.570 U*+	< 0.571 U	< 0.573 U	< 0.563 U*+
Pentachlorophenol	0.041	1	1		< 1.15 U	< 1.15 U	< 1.15 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.13 U	***5.4***	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.13 U
Phenacetin	34	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U*+	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U*+	< 0.573 U*+	< 0.563 U
Phenanthrene	NS	NS	1095		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U*+	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U*+	< 0.571 U	< 0.573 U	< 0.563 U*+
Phenol	580	NS	21900		< 2.88 U	< 2.87 U	< 2.88 U	**0.538 JI**	< 2.84 U	< 2.85 U	< 1.13 U	**2.86 I**	< 2.84 U	< 2.87 U	< 2.85 U	< 1.14 U	**1.91 I**	**1.48 I**	< 1.13 U
Phorate	0.3	NS	NS		< 0.576 U*+	< 0.574 U*+	< 0.576 U*+	< 0.573 U*+	< 0.569 U*+	< 0.571 U	< 0.567 U*+	< 0.569 U*+	< 0.567 U	< 0.573 U*+	< 0.571 U*+	< 0.570 U*+	< 0.571 U*+	< 0.573 U*+	< 0.563 U*+
p-Phenylenediamine	2	NS	6935		< 1.15 U*-*1	< 1.15 U*-*1	< 1.15 U*-*1	< 1.15 U*-*1	< 1.14 U*-*1	< 1.14 U*-	< 1.13 U*-	< 1.14 U*-	< 1.13 U*-	< 1.15 U*-*1	< 1.14 U*-*1	< 1.14 U*-	< 1.14 U*-	< 1.15 U*-	< 1.13 U*-
Propyzamide	120	NS	NS		< 0.576 U*+	< 0.574 U*+	< 0.576 U*+	< 0.573 U*+	< 0.569 U*+	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.567 U*+	< 0.573 U*+	< 0.571 U*+	< 0.570 U*+	< 0.571 U*+	< 0.573 U*+	< 0.563 U*+
Pyrene	12	NS	182.5		< 0.576 U*+	< 0.574 U*+	< 0.576 U*+	< 0.573 U*+	< 0.569 U*+	< 0.571 U*+	< 0.567 U	< 0.569 U	< 0.567 U*+	< 0.573 U*+	< 0.571 U*+	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Pyridine	2	NS	36.5		< 2.88 U*1	< 2.87 U*1	< 2.88 U*1	< 2.87 U*1	< 2.84 U*1	< 2.85 U*1	< 2.84 U	< 2.84 U	< 2.84 U*1	< 2.87 U*1	< 2.85 U*1	< 2.85 U	< 2.85 U	< 2.87 U	< 2.82 U
Safrole	0.096	NS	NS		< 0.576 U	< 0.574 U	< 0.576 U	< 0.573 U	< 0.569 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.567 U	< 0.573 U	< 0.571 U	< 0.570 U	< 0.571 U	< 0.573 U	< 0.563 U
Sulfotep	0.71	NS	NS		< 0.576 U*+	< 0.574 U*+	< 0.576 U*+	***5.98 *+***	***7.75 *+***	< 0.571 U	< 0.567 U*+	< 0.569 U*+	**0.498 J**	< 0.573 U*+	< 0.571 U*+	< 0.570 U*+	< 0.571 U*+	< 0.573 U*+	< 0.563 U*+

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Table 1
Groundwater Analytical Results - Alluvial Aquifer
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26D	MW-27D	MW-27S	MW-28D
				Sample Date:	11/13/2024	11/13/2024	11/13/2024	11/12/2024	11/11/2024	11/11/2024	11/13/2024	11/11/2024	11/13/2024	11/11/2024	11/6/2024	11/7/2024	11/6/2024	11/6/2024	11/7/2024
				Program:	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	Area #1	Area #1	Area #1	Area #1	Area #1
Volatile Organic Compounds; Method 8260B																			
1,1,1,2-Tetrachloroethane	0.57	NS	0.41		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	< 1.00 U	< 1.00 U	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
1,1,1-Trichloroethane	800	200	200		< 50.0 U	< 5.00 U	< 2500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	< 5000 U	< 5.00 U	< 5.00 U	< 2500 U
1,1,2,2-Tetrachloroethane	0.076	NS	0.05		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	< 1.00 U	< 1.00 U	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
1,1,2-trichloro-1,2,2-trifluoroethane	1000	NS	59375.79		< 100 U	< 10.0 U	< 5000 U	< 10.0 U	< 10.0 U	< 10.0 U	< 500 U	< 10.0 U	< 500 U	< 10.0 U	< 10.0 U	< 10000 U	< 10.0 U	< 10.0 U	< 5000 U
1,1,2-Trichloroethane	0.041	5	5		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	< 1.00 U	< 1.00 U	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
1,1-Dichloroethane	2.8	NS	798.44		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	< 1.00 U	< 1.00 U	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
1,1-Dichloroethene	0.82	7	7		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	< 1.00 U	< 1.00 U	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
1,2,3-Trichloropropane	0.00075	NS	0.00623		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	< 1.00 U	< 1.00 U	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
1,2,4-Trimethylbenzene	5.6	NS	12.33		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	**1.03**	< 1.00 U	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
1,2-Dibromo-3-chloropropane	0.00033	0.2	0.20		< 50.0 U	< 5.00 U	< 2500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	< 5000 U	< 5.00 U	< 5.00 U	< 2500 U
1,2-Dibromoethane	0.0075	0.05	0.05		< 50.0 U	< 5.00 U	< 2500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	< 5000 U	< 5.00 U	< 5.00 U	< 2500 U
1,2-Dichloroethane	0.17	5	5		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	< 1.00 U	< 1.00 U	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
1,2-Dichloropropane	0.82	5	5		< 50.0 U	< 5.00 U	< 2500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	< 5000 U	< 5.00 U	< 5.00 U	< 2500 U
1,3,5-Trimethylbenzene	6	NS	12.33		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	< 1.00 U	< 1.00 U	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
1,3-Butadiene	0.071	NS	0.00696		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	< 1.00 U	< 1.00 U	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
2,2,4-Trimethylpentane	NS	NS	NS		< 50.0 U	< 5.00 U	< 2500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	< 5000 U	< 5.00 U	< 5.00 U	< 2500 U
2-Butanone (MEK)	560	NS	1906.09		< 500 U	< 50.0 U	< 25000 U	< 50.0 U	< 50.0 UH	< 50.0 UH	< 2500 U	< 50.0 U	< 2500 U	< 50.0 U	< 50.0 U	< 50000 U	< 50.0 U	< 50.0 U	< 25000 U
2-Chlor-1,3-Butadiene	0.0068	NS	14.31		< 50.0 U	< 5.00 U	< 2500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	< 5000 U	< 5.00 U	< 5.00 U	< 2500 U
2-Methyl-1-propanol	73	NS	1825		< 500 U	< 50.0 U	< 25000 U	< 50.0 U	< 50.0 UH	< 50.0 UH	< 2500 U	< 50.0 U	< 2500 U	< 50.0 U	< 50.0 U	< 50000 U	< 50.0 U	< 50.0 U	< 25000 U
4-Methyl-2-Pentanone	630	NS	139.05		< 500 U	< 50.0 U	< 25000 U	< 50.0 U	< 50.0 U	< 50.0 U	< 2500 U	**31.9 J**	< 2500 U	< 50.0 U	< 50.0 U	< 50000 U	< 50.0 U	< 50.0 U	< 25000 U
Acetone	1800	NS	608.33		< 1000 U	**32.7 J**	< 50000 U	< 100 U	< 100 U	< 100 U	< 5000 U	**11.4 J**	< 5000 U	< 100 U	< 100 U	< 100000 U	< 100 U	< 100 U	< 50000 U
Acetonitrile	13	NS	125.14		< 1000 U	< 100 U	< 50000 U	< 100 U	< 100 U	< 100 U	< 5000 U	< 100 U	< 5000 U	< 100 U	< 100 U	< 100000 U	< 100 U	< 100 U	< 50000 U
Acrolein	0.0042	NS	0.0416		< 500 U	< 50.0 U	< 25000 U	< 50.0 U	< 50.0 UH	< 50.0 UH	< 2500 U	< 50.0 U	< 2500 U	< 50.0 U	< 50.0 U	< 50000 U	< 50.0 U	< 50.0 U	< 25000 U
Acrylonitrile	0.052	NS	0.0367		< 500 U	< 50.0 U	< 25000 U	< 50.0 U	< 50.0 U	< 50.0 U	< 2500 U	< 50.0 U	< 2500 U	< 50.0 U	< 50.0 U	< 50000 U	< 50.0 U	< 50.0 U	< 25000 U
Allyl chloride	0.21	NS	NS		< 50.0 U	< 5.00 U	< 2500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	< 5000 U	< 5.00 U	< 5.00 U	< 2500 U
Benzene	0.46	5	5		< 10.0 U	< 1.00 U	***377 J***	< 1.00 U	***22.2***	***1.15***	***3950***	***84.9***	***6870***	< 1.00 U	< 1.00 U	***1080***	< 1.00 U	< 1.00 U	***350 J***
Benzyl Chloride	0.089	NS	0.06		< 50.0 U	< 5.00 U	< 2500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	< 5000 U	< 5.00 U	< 5.00 U	< 2500 U
Bromodichloromethane	0.13	80	0.17		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	< 1.00 U	< 1.00 U	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
Bromoform	3.3	80	8.48		< 50.0 U	< 5.00 U	< 2500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	< 5000 U	< 5.00 U	< 5.00 U	< 2500 U
Bromomethane	0.75	NS	8.52		< 50.0 U	< 5.00 U	< 2500 U	< 5.00 U	< 5.00 UH	< 5.00 UH	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	< 5000 U	< 5.00 U	< 5.00 U	< 2500 U
Carbon Disulfide	81	NS	1042.86		< 50.0 U	< 5.00 U	< 2500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	< 5000 U	< 5.00 U	< 5.00 U	< 2500 U
Carbon Tetrachloride	0.46	5	5		< 50.0 U	< 5.00 U	***40800***	< 5.00 U	< 5.00 U	< 5.00 U	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	***125000***	< 5.00 U	< 5.00 U	***58000***
CFC-11	520	NS	1288.24		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	< 1.00 U	< 1.00 U	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
CFC-12	20	NS	347.62		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	< 1.00 UH	< 1.00 UH	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
Chlorobenzene	7.8	100	100		< 10.0 U	< 1.00 U	***790***	***19.5***	**1.31**	< 1.00 U	***144***	**6.27**	***190***	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
Chlorodibromomethane	0.87	80	0.13		< 50.0 U	< 5.00 U	< 2500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	< 5000 U	< 5.00 U	< 5.00 U	< 2500 U
Chloroethane	830	NS	3.64		< 100 U	< 10.0 U	< 5000 U	< 10.0 U	< 10.0 U	< 10.0 U	< 500 U	< 10.0 U	< 500 U	< 10.0 U	< 10.0 U	< 10000 U	< 10.0 U	< 10.0 U	< 5000 U
Chloroform	0.22	80	0.15		< 10.0 U	< 1.00 U	***2350***	< 1.00 U	< 1.00 U	< 1.00 U	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	***6750***	< 1.00 U	< 1.00 U	***4970***
Chloromethane	19	NS	1.43		< 100 U	< 10.0 U	< 5000 U	< 10.0 U	< 10.0 U	< 10.0 U	< 500 U	< 10.0 U	< 500 U	< 10.0 U	< 10.0 U	< 10000 U	< 10.0 U	< 10.0 U	< 5000 U
cis-1,2-Dichloroethene	2.5	70	70		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	< 1.00 U	< 1.00 U	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
cis-1,3-Dichloropropene	NS	NS	NS		< 50.0 U	< 5.00 U	< 2500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	< 5000 U	< 5.00 U	< 5.00 U	< 2500 U
Cyclohexane	1300	NS	NS		< 50.0 U	3.26 J	< 2500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	< 5000 U	< 5.00 U	< 5.00 U	< 2500 U
Dibromomethane	0.83	NS	60.83		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	< 1.00 U	< 1.00 U	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
Dichloromethane	11	5	5		< 50.0 U	< 5.00 U	< 2500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	< 5000 U	< 5.00 U	< 5.00 U	< 2500 U
Ethyl Methacrylate	63	NS	547.5		< 50.0 U	< 5.00 U	< 2500 U	< 5.00 U	< 5.00 UH	< 5.00 UH	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	< 5000 U	< 5.00 U	< 5.00 U	< 2500 U
Ethylbenzene	1.5	700	700		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	**1.36**	< 1.00 U	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
Hexane	150	NS	350.18		< 50.0 U	< 5.00 U	< 2500 U	**0.613 J**	< 5.00 UH	< 5.00 UH	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	< 5000 U	< 5.00 U	< 5.00 U	< 2500 U
Iodomethane	NS	NS	NS		< 200 U*+	< 20.0 U	< 10000 U*+	< 20.0 U	< 20.0 UH	< 20.0 UH	< 1000 U*+	< 20.0 U	< 1000 U*+	< 20.0 U	< 20.0 U	< 20000 U	< 20.0 U	< 20.0 U	< 10000 U
Isopropyl alcohol	41	NS	NS		< 100 U	< 10.0 U	< 5000 U	< 10.0 U	< 10.0 U	< 10.0 U	***669***	< 10.0 U	***985***	< 10.0 U	< 10.0 U	< 10000 U	< 10.0 U	< 10.0 U	< 5000 U
Isopropylbenzene	45	NS	679.07		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	**13.1**	**5.32**	***154***	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
m&p-Xylenes	NS	NS	NS		< 0.100 U	< 0.0100 U	< 5.00 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.500 U	< 0.0100 U	< 0.500 U	< 0.0100 U	< 0.0100 U	< 10.0 U	< 0.0100 U	< 0.0100 U	< 5.00 U
Methyl methacrylate	140	NS	1419.44		< 100 U	< 10.0 U	< 5000 U	< 10.0 U	< 10.0 UH	< 10.0 UH	< 500 U	< 10.0 U	< 500 U	< 10.0 U	< 10.0 U	< 10000 U	< 10.0 U	< 10.0 U	< 5000 U
Methyl N-Butyl Ketone (2-Hexanone)	3.8	NS	1460		< 500 U	< 50.0 U	< 25000 U	< 50.0 U	< 50.0 UH	< 50.0 UH	< 2500 U	< 50.0 U	< 2500 U	< 50.0 U	< 50.0 U	< 50000 U	< 50.0 U	< 50.0 U	< 25000 U

Footnotes on Page 20.

Table 1
Groundwater Analytical Results - Alluvial Aquifer
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26D	MW-27D	MW-27S	MW-28D
				Sample Date:	11/13/2024	11/13/2024	11/13/2024	11/12/2024	11/11/2024	11/11/2024	11/13/2024	11/11/2024	11/13/2024	11/11/2024	11/6/2024	11/7/2024	11/6/2024	11/6/2024	11/7/2024
				Program:	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	Area #1	Area #1	Area #1	Area #1	Area #1
Volatile Organic Compounds; Method 8260B (continued)																			
Methylacrylonitrile	0.19	NS	1.04		< 100 U	< 10.0 U	< 5000 U	< 10.0 U	< 10.0 UH	< 10.0 UH	< 500 U	< 10.0 U	< 500 U	< 10.0 U	< 10.0 U	< 10000 U	< 10.0 U	< 10.0 U	< 5000 U
Methyl-tert-butylether	14	NS	40		< 50.0 U	< 5.00 U	< 2500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	< 5000 U	< 5.00 U	< 5.00 U	< 2500 U
n-Propylbenzene	66	NS	243.33		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	**10.5**	**0.606 J**	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
o-Xylene	0.019	NS	12.17		< 0.0100 U	< 0.00100 U	< 0.500 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.0500 U	< 0.00100 U	< 0.0500 U	< 0.00100 U	< 0.00100 U	< 1.00 U	< 0.00100 U	< 0.00100 U	< 0.500 U
Propionitrile	NS	NS	NS		< 100 U	< 10.0 U	< 5000 U	< 10.0 U	< 10.0 U	< 10.0 U	< 500 U	< 10.0 U	< 500 U	< 10.0 U	< 10.0 U	< 10000 U	< 10.0 U	< 10.0 U	< 5000 U
Styrene (Monomer)	120	100	100		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	< 1.00 U	< 1.00 U	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
Tetrachloroethene	4.1	5	5		< 10.0 U	< 1.00 U	< 500 U	< 1.00 UF1	< 1.00 U	< 1.00 U	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
Tetrahydrofuran	340	NS	NS		< 100 U	10.3	< 5000 U	< 10.0 U	< 10.0 U	< 10.0 U	**238 J**	**7.34 J**	< 500 U	< 10.0 U	< 10.0 U	< 10000 U	< 10.0 U	< 10.0 U	< 5000 U
Toluene	110	1000	1000		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	< 1.00 U	< 1.00 U	**68.6**	**0.817 J**	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
Total Xylenes	19	10000	10000		< 100 U	< 10.0 U	< 5000 U	< 10.0 U	< 10.0 U	< 10.0 U	< 500 U	< 10.0 U	< 500 U	< 10.0 U	< 10.0 U	< 10000 U	< 10.0 U	< 10.0 U	< 5000 U
trans-1,2-Dichloroethene	6.8	100	100		< 10.0 U	< 1.00 U	< 500 U	< 1.00 U	< 1.00 U	< 1.00 U	< 50.0 U	< 1.00 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1000 U	< 1.00 U	< 1.00 U	< 500 U
trans-1,3-Dichloropropene	NS	NS	NS		< 50.0 U	< 5.00 U	< 2500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	< 5000 U	< 5.00 U	< 5.00 U	< 2500 U
trans-1,4-Dichloro-2-butene	0.0013	NS	NS		< 100 U	< 10.0 U	< 5000 U	< 10.0 U	< 10.0 UH	< 10.0 UH	< 500 U	< 10.0 U	< 500 U	< 10.0 U	< 10.0 U	< 10000 U	< 10.0 U	< 10.0 U	< 5000 U
Trichloroethene	0.28	5	5		< 50.0 U	< 5.00 U	< 2500 U	< 5.00 U	< 5.00 U	< 5.00 U	< 250 U	< 5.00 U	< 250 U	< 5.00 U	< 5.00 U	< 5000 U	< 5.00 U	< 5.00 U	< 2500 U
Vinyl acetate	41	NS	412.12		< 200 U	< 20.0 U	< 10000 U	< 20.0 U	< 20.0 UH	< 20.0 UH	< 1000 U	< 20.0 U	< 1000 U	< 20.0 U	< 20.0 U	< 20000 U	< 20.0 U	< 20.0 U	< 10000 U
Vinyl chloride	0.019	2	2		< 20.0 U	< 2.00 U	< 1000 U	< 2.00 U	< 2.00 U	< 2.00 U	< 100 U	< 2.00 U	< 100 U	< 2.00 U	< 2.00 U	< 2000 U	< 2.00 U	< 2.00 U	< 1000 U
Semivolatile Organic Compounds; Method 8270D																			
1,1-Biphenyl	0.083	NS	304.17		< 0.566 U	< 0.567 U	***0.422 J***	***1.99 F1***	***389***	***0.606***	***432***	***7390***	***425***	< 0.571 U	< 0.570 U	***3760***	< 0.568 U	< 0.566 U	***15500***
1,2,4,5-Tetrachlorobenzene	0.017	NS	10.95		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U*-F1	< 0.567 U*-	< 0.563 U*-	< 0.570 U	< 0.569 U*-	< 0.570 U	< 0.571 U*-	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
1,2,4-Trichlorobenzene	0.4	70	70		< 0.566 U	< 0.567 U	***1.07***	< 0.570 U*-	< 0.567 U*-	< 0.563 U*-	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	**0.138 J**
1,2-Dichlorobenzene	30	600	600		< 0.566 U	< 0.567 U	**13.7**	**0.184 J**	**0.165 J**	< 0.563 U	**2.41**	< 0.569 U	**2.69**	< 0.571 U	< 0.570 U	**3.85**	< 0.568 U	< 0.566 U	**4.75**
1,3,5-Trinitrobenzene	59	NS	1095		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U*+	< 0.570 U	< 0.571 U*+	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	< 0.571 U
1,3-Dichlorobenzene	NS	NS	5.48		< 0.566 U	< 0.567 U	**2.2**	< 0.570 U	< 0.567 U	< 0.563 U	**0.229 J**	< 0.569 U	**0.217 J**	< 0.571 U	< 0.570 U	**0.343 J**	< 0.568 U	< 0.566 U	**0.471 J**
1,3-Dinitrobenzene	0.2	NS	3.65		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 UF1	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U*+	< 0.570 U	< 0.571 U*+	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	< 0.571 U
1,4-Dichlorobenzene	0.48	75	75		< 0.566 U	< 0.567 U	***21.9***	0.323 J	< 0.567 U	< 0.563 U	***3.14***	< 0.569 U	***3.15***	< 0.571 U	< 0.570 U	***5.74***	< 0.568 U	< 0.566 U	***7.38***
1,4-Dioxane	0.46	NS	6.09		***1120***	***590***	***57.6***	***7.87***	***2.05***	***16.4***	***226***	***6.81***	***261***	***0.949***	***3.57***	***4.19***	< 0.568 U	< 0.566 U	***2.54***
1,4-Naphthoquinone	NS	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 UF2F1	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	< 0.571 U
1-Naphthylamine	NS	NS	NS		< 0.566 U*-	< 0.567 U*-	< 0.576 U	< 0.570 UF2F1	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
2,2-Oxybis(1-Chloropropane)	71	NS	0.26		< 2.83 U	< 2.84 U	< 2.88 U	< 2.85 U	< 2.84 U	< 2.81 U	< 2.85 U	< 2.84 U	< 2.85 U	< 2.85 U	< 2.85 U	< 2.82 U	< 2.84 U	< 2.83 U	< 2.86 U
2,3,4,6-Tetrachlorophenol	24	NS	1095		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 UF1	< 0.567 U	< 0.563 U	**2.52**	< 0.569 U	**3.29**	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
2,4,5-Trichlorophenol	120	NS	3650		< 0.566 U	< 0.567 U	**0.147 J*+**	< 0.570 UF1	< 0.567 U	< 0.563 U	**0.397 J*+**	< 0.569 U	**0.574 *+**	< 0.571 U	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	< 0.571 U
2,4,6-Trichlorophenol	1.2	NS	6.09		< 0.566 U	< 0.567 U	< 0.576 U*+	< 0.570 UF1	< 0.567 U	< 0.563 U	< 0.570 U*+	< 0.569 U	< 0.570 U*+	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
2,4-Dichlorophenol	4.6	NS	109.5		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 UF1	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
2,4-Dimethylphenol	36	NS	730		< 0.566 U*+	< 0.567 U*+	< 0.576 U*+	< 0.570 U*+F1	< 0.567 U*+	< 0.563 U*+	**17.9 *+**	**2.13 *+**	**16.4 *+**	< 0.571 U*+	< 0.570 U*+	< 0.564 U*+	< 0.568 U*+	< 0.566 U*+	**0.551 J*+I**
2,4-Dinitrophenol	3.9	NS	73		< 2.83 U	< 2.84 U	< 2.88 U	< 2.85 U	< 2.84 U	< 2.81 U	< 2.85 U	< 2.84 U	< 2.85 U	< 2.85 U	< 2.85 U	< 2.82 U	< 2.84 U	< 2.83 U	< 2.86 U
2,4-Dinitrotoluene	0.24	NS	73		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U*+	< 0.570 U	< 0.571 U*+	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	< 0.571 U
2,6-Dichlorophenol	NS	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 UF1	< 0.567 U	< 0.563 U	**0.356 J**	< 0.569 U	**0.280 J**	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
2,6-Dinitrotoluene	0.049	NS	36.5		***0.488 JI***	***0.205 JI***	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U*+	< 0.570 U	< 0.571 U*+	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
2-Acetylaminofluorene	0.016	NS	NS		< 2.83 U	< 2.84 U	< 2.88 U*+	< 2.85 UF1*+	< 2.84 U*+	< 2.81 U*+	< 2.85 U*+	< 2.84 U*+	< 2.85 U*+	< 2.85 U*+	< 2.85 U*+	< 2.82 U	< 2.84 U*+	< 2.83 U*+	< 2.86 U
2-Chloronaphthalene	75	NS	486.67		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
2-Chlorophenol	9.1	NS	30.42		< 0.566 U	< 0.567 U	**1.33 *+**	< 0.570 UF1	< 0.567 U	< 0.563 U	< 0.570 U*+	**0.131 J*+**	**0.803 *+**	< 0.571 U*+	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
2-Methyl-4,6-dinitrophenol	0.15	NS	3.65		< 1.13 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.14 U
2-Methylnaphthalene	3.6	NS	121.67		< 0.566 U	< 0.567 U	**0.456 JI**	< 0.570 U	**0.929**	**0.141 JI**	**0.89**	**0.765 I**	**1.02**	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	**2.51**
2-Methylphenol	93	NS	1825.00		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	**0.71**	**13.5**	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	**0.235 J**
2-Naphthylamine	0.039	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 UF2F1	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U*+	< 0.570 U	< 0.571 U*+	< 0.570 U*+	***1.83 I***	< 0.568 U*+	< 0.566 U*+	< 0.571 U
2-Nitroaniline	19	NS	0.42		< 0.566 U	< 0.567 U	< 0.576 U*+	< 0.570 UF1	< 0.567 U	< 0.563 U	< 0.570 U*+	< 0.569 U*+	< 0.570 U*+	< 0.571 U*+	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	**0.518 JI**
2-Nitrophenol	NS	NS	0.42		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
2-Picoline	NS	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U*-*1	< 0.567 U*-*1	< 0.563 U*-*1	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
3,3-Dichlorobenzidine	0.13	NS	0.15		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 UF2F1	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
3,3-Dimethylbenzidine	0.0021	NS	0.00728		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 UF1	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U*+	< 0.570 U	< 0.571 U*+	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	< 0.571 U
3-Methylchloranthrene	0.0011	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U*+	< 0.564 U*3	< 0.568 U*+	< 0.566 U*+	< 0.571 U
3-Methylphenol, 4-Methylphenol	NS	NS	NS		< 0.566 U	< 0.567 U	**7.96**	< 0.570 U	< 0.567 U	< 0.563 U	**10.7**	**1.89**	< 0.570 U	< 0.571 U	< 0.570 U	**0.487 J**	< 0.568 U	< 0.566 U	**0.498 J**
3-Nitroaniline	NS	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U

Footnotes on Page 20.

Table 1
Groundwater Analytical Results - Alluvial Aquifer
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26D	MW-27D	MW-27S	MW-28D
				Sample Date:	11/13/2024	11/13/2024	11/13/2024	11/12/2024	11/11/2024	11/11/2024	11/13/2024	11/11/2024	11/13/2024	11/11/2024	11/6/2024	11/7/2024	11/6/2024	11/6/2024	11/7/2024
				Program:	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	Area #1	Area #1	Area #1	Area #1	Area #1
Semivolatile Organic Compounds; Method 8270D (continued)																			
4-Aminobiphenyl	0.003	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 UF2F1	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U*+	< 0.570 U	< 0.571 U*+	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	< 0.571 U
4-Bromophenyl phenyl ether	NS	NS	NS		< 0.566 U*+	< 0.567 U*+	< 0.576 U*+	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U*+	< 0.569 U	< 0.570 U*+	< 0.571 U	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	< 0.571 U
4-Chloro-3-Methylphenol	140	NS	73000		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	< 0.571 U
4-Chlorophenyl phenyl ether	NS	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	**0.212 J**
4-Dimethylaminoazobenzene	0.005	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 UF1	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U*+	< 0.570 U	< 0.571 U*+	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	< 0.571 U
4-Nitroaniline	3.8	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
4-Nitroquinoline-N-Oxide	NS	NS	NS		< 1.13 U	< 1.13 U	< 1.15 U	< 1.14 UF2F1	< 1.13 U	< 1.13 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.14 U
5-Nitro-o-Toluidine	8.2	NS	2.03		< 1.13 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U*+	< 1.13 U	< 1.14 U*+	< 1.13 U*+	< 1.14 U
7,12-Dimethylbenz(a)anthracene	0.0001	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U*+	< 0.570 UF2F1	< 0.567 U	< 0.563 U	< 0.570 U*+	< 0.569 U	< 0.570 U*+	< 0.571 U	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	< 0.571 U
Acenaphthene	53	NS	365		**0.108 JI**	**0.252 J**	**0.738**	**0.785**	< 0.567 U	**1.33**	< 0.570 U	< 0.569 U	**1.73**	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
Acenaphthylene	NS	NS	2190		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 UF1	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	< 0.571 U
Acetophenone[1]	190	NS	NS		< 1.13 U	< 1.13 U	< 1.15 U*+	< 1.14 UF1	**0.785 J**	< 1.13 U	**10.9 *+**	**8.05**	**1.10 J*+**	< 1.14 U	< 1.14 U*+	**5.52**	< 1.14 U*+	< 1.13 U*+	**4.36**
Aniline	13	NS	11.75		< 0.566 U	< 0.567 U	< 0.576 U	**0.379 JI**	**0.484 JI**	**0.302 JI**	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	**0.535 J**
Anthracene	180	NS	43.4		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 UF1	< 0.567 U	0.129 J	< 0.570 U	< 0.569 U	0.205 J	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	**0.112 J**
Aramite	1.3	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
Aramite Peak 1	NS	NS	NS		< 0.566 U*+	< 0.567 U*+	< 0.576 U*+	< 0.570 UF1	< 0.567 U	< 0.563 U	< 0.570 U*+	< 0.569 U*+	< 0.570 U*+	< 0.571 U*+	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	< 0.571 U
Aramite Peak 2	NS	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U*+	< 0.570 UF1	< 0.567 U	< 0.563 U	< 0.570 U*+	< 0.569 U*+	< 0.570 U*+	< 0.571 U*+	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	< 0.571 U
Benz(a)anthracene	0.03	NS	0.09		< 0.0283 U*+	< 0.0284 U*+	< 0.0288 U*+	< 0.0285 U*+F1	< 0.0284 U*+	< 0.0281 U*+	< 0.0285 U*+	< 0.0284 U	< 0.0285 U*+	< 0.0285 U	< 0.0285 U*+	< 0.0282 U	< 0.0284 U*+	< 0.0283 U*+	< 0.0286 U
Benzo(a)pyrene	0.025	0.2	0.2		< 0.0566 U	< 0.0567 U	< 0.0576 U	< 0.0570 U	< 0.0567 U	< 0.0563 U	< 0.0570 U	< 0.0569 U	< 0.0570 U	< 0.0571 U	< 0.0570 U	< 0.0564 U*3	< 0.0568 U	< 0.0566 U	< 0.0571 U
Benzo(b)fluoranthene	0.25	NS	0.09		< 0.566 U	< 0.567 U	< 0.576 U*+	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U*+	< 0.569 U	< 0.570 U*+	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
Benzo(g,h,i)perylene	NS	NS	1095		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U*3	< 0.568 U	< 0.566 U	< 0.571 U
Benzo(k)fluoranthene	2.5	NS	0.92		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
Benzyl Alcohol	200	NS	10950		< 1.13 U*-	< 1.13 U*-	< 1.15 U	< 1.14 U*-	< 1.13 U*-	< 1.13 U*-	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	**0.603 J**	< 1.13 U*-	< 1.14 U	< 1.13 U	**1.91 I*-**
bis(2-Chloroethoxy)methane	5.9	NS	NS		< 0.566 U	***252 I***	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
bis(2-Chloroethyl)ether	0.014	NS	0.009202		< 0.566 U*+	< 0.567 U*+	< 0.576 U*+	***0.764***	< 0.567 U	< 0.563 U	< 0.570 U*+	< 0.569 U*+	***20.6 *+***	< 0.571 U*+	< 0.570 U	< 0.564 U*+	< 0.568 U	< 0.566 U	< 0.571 U*+
bis(2-Ethylhexyl)phthalate	5.6	6	6		< 1.13 U	< 1.13 U	< 1.15 U	< 1.14 UF1	< 1.13 U	< 1.13 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U*+	< 1.13 U	< 1.14 U*+	< 1.13 U*+	< 1.14 U
Butyl benzyl phthalate	16	NS	2690		< 1.13 U	< 1.13 U	< 1.15 U	< 1.14 UF1	< 1.13 U	< 1.13 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U*+	< 1.13 U	< 1.14 U*+	< 1.13 U*+	< 1.14 U
Chrysene	25	NS	9.17		< 0.566 U*+	< 0.567 U*+	< 0.576 U*+	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U*+	< 0.569 U	< 0.570 U*+	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
Diallate	0.54	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
Diallate Peak 1	NS	NS	NS		< 0.566 U*+	< 0.567 U*+	< 0.576 U	< 0.570 UF1	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U*+	< 0.570 U	< 0.571 U*+	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	< 0.571 U
Diallate Peak 2	NS	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U*+	< 0.570 U	< 0.571 U*+	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	< 0.571 U
Dibenz(a,h)anthracene	0.025	NS	0.00917		< 0.113 U	< 0.113 U	< 0.115 U	< 0.114 U	< 0.113 U	< 0.113 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.113 U*3	< 0.114 U	< 0.113 U	< 0.114 U
Dibenzofuran	0.79	NS	24.33		< 0.566 U	< 0.567 U	**0.236 J*+**	< 0.570 U	***3.0***	**0.530 J**	***0.906 *+***	***3.7***	***1.52 *+***	< 0.571 U	< 0.570 U	***6.05***	< 0.568 U	< 0.566 U	***20.7 I***
Diethyl phthalate	1500	NS	29200		< 1.13 U	**0.250 J**	**0.470 J**	< 1.14 U*+F1	< 1.13 U*+	< 1.13 U*+	< 1.14 U	< 1.14 U*+	< 1.14 U	< 1.14 U*+	< 1.14 U*+	< 1.13 U	< 1.14 U*+	< 1.13 U*+	**0.155 J**
Dimethoate	4.4	NS	NS		< 0.566 U*+	< 0.567 U*+	< 0.576 U*+	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U*+	< 0.569 U*+	< 0.570 U*+	< 0.571 U*+	< 0.570 U*+	< 0.564 U*+	< 0.568 U*+	< 0.566 U*+	< 0.571 U*+
Dimethyl phthalate	NS	NS	365000		< 1.13 U	< 1.13 U	< 1.15 U	< 1.14 UF1*+	< 1.13 U*+	< 1.13 U*+	< 1.14 U	< 1.14 U*+	< 1.14 U	< 1.14 U*+	< 1.14 U*+	< 1.13 U*+	< 1.14 U*+	< 1.13 U*+	< 1.14 U*+
Dimethylphenethylamine	NS	NS	NS		< 5.66 U*-	< 5.67 U*-	< 5.76 U*-	< 5.70 U*-	< 5.67 U*-	< 5.63 U*-	< 5.70 U*-	< 5.69 U*-*1	< 5.70 U*-	< 5.71 U*-*1	< 5.70 U*-*1	< 5.64 U	< 5.68 U*-*1	< 5.66 U*-*1	< 5.71 U
Di-n-butyl phthalate	90	NS	3650		< 1.13 U	< 1.13 U	< 1.15 U	< 1.14 U*+F1	< 1.13 U*+	< 1.13 U*+	< 1.14 U	< 1.14 U*+	< 1.14 U	< 1.14 U*+	< 1.14 U*+	< 1.13 U	< 1.14 U*+	< 1.13 U*+	< 1.14 U
Di-n-octyl phthalate	20	NS	20		< 1.13 U	< 1.13 U	< 1.15 U	< 1.14 UF1	< 1.13 U	< 1.13 U	< 1.14 U	< 1.14 U	< 114 U	< 1.14 U	< 1.14 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.14 U
Dinoseb	1.5	7	7		< 2.83 U*+	< 2.84 U*+	< 2.88 U*+	< 2.85 U	< 2.84 U	< 2.81 U	< 2.85 U*+	< 2.84 U*+	< 2.85 U*+	< 2.85 U*+	< 2.85 U*+	< 2.82 U*+	< 2.84 U*+	< 2.83 U*+	< 2.86 U*+
Diphenyl ether	0.083	NS	NS		***2.11***	***4.1***	***1.95***	***637***	***8020***	***2220***	***2250***	***25600***	***2300***	***0.793***	***1.92***	***2.15***	< 0.568 U	< 0.566 U	***53000***
Disulfoton	0.05	NS	1.46		< 0.566 U*+	< 0.567 U*+	***3.51 *+***	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U*+	< 0.569 U*+	< 0.570 U*+	< 0.571 U*+	< 0.570 U*+	< 0.564 U*+	< 0.568 U*+	< 0.566 U*+	< 0.571 U*+
Ethyl Methanesulfonate	NS	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
Famphur	NS	NS	NS		< 1.13 U*+	< 1.13 U*+	< 1.15 U*+	< 1.14 U	< 1.13 U	< 1.13 U	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.13 U*+	< 1.14 U*+	< 1.13 U*+	< 1.14 U*+
Fluoranthene	80	NS	1460		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 UF1	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	**0.388 J**	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
Fluorene	29	NS	243.33		< 0.566 U	0.108 J	**0.109 JI**	**0.109 J**	**0.272 J**	**0.239 J**	**0.105 J**	< 0.569 U	**2.05**	< 0.571 U	< 0.570 U	**0.134 J**	< 0.568 U	< 0.566 U	**0.599**
Hexachloro-1,3-butadiene	0.14	NS	0.86		< 0.566 U	< 0.567 U	***0.292 J***	< 0.570 UF1	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
Hexachlorobenzene	0.0098	1	1		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
Hexachlorocyclopentadiene	0.041	50	50		< 0.566 U	< 0.567 U	< 0.576 U*+	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U*+	< 0.569 U	< 0.570 U*+	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
Hexachloroethane	0.33	NS	4.78		< 0.566 U	< 0.567 U	***19.6***	< 0.570 UF1	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	***3.28***	< 0.568 U	< 0.566 U	***6.19***
Hexachloropropene	NS	NS	NS		< 0.566 U*-	< 0.567 U*-	< 0.576 U	< 0.570 U*-F1	< 0.567 U*-	< 0.563 U*-	< 0.570 U	< 0.569 U*-	< 0.570 U	< 0.571 U*-	< 0.570 U*-	< 0.564 U*-	< 0.568 U*-	< 0.566 U*-	< 0.571 U*-
Indeno(1,2,3-cd)pyrene	0.25	NS	0.09174		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U*3	< 0.568 U	< 0.566 U	< 0.571 U
Isophorone	78	NS	70.5		< 0.566 U	**0.308 JI**	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U

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Table 1
Groundwater Analytical Results - Alluvial Aquifer
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26D	MW-27D	MW-27S	MW-28D
				Sample Date:	11/13/2024	11/13/2024	11/13/2024	11/12/2024	11/11/2024	11/11/2024	11/13/2024	11/11/2024	11/13/2024	11/11/2024	11/6/2024	11/7/2024	11/6/2024	11/6/2024	11/7/2024
				Program:	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	RUAO	Area #1	Area #1	Area #1	Area #1	Area #1
Semivolatile Organic Compounds; Method 8270D (continued)																			
Isosafrole	NS	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
Isosafrole Peak 1	NS	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 UF1	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
Isosafrole Peak 2	NS	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 UF1	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
Methapyrilene	NS	NS	NS		< 2.26 U*+	< 2.27 U*+	< 2.30 U*+	< 2.28 U	< 2.27 U	< 2.25 U	< 2.28 U*+	< 2.28 U*+	< 2.28 U*+	< 2.28 U*+	< 2.28 U*+	< 2.26 U*+	< 2.27 U*+	< 2.26 U*+	< 2.29 U*+
Methyl methanesulfonate	0.79	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
Methyl parathion	0.45	NS	9.13		< 0.566 U*+	< 0.567 U*+	< 0.576 U*+	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U*+	< 0.569 U*+	< 0.570 U*+	< 0.571 U*+	< 0.570 U*+	< 0.564 U*+	< 0.568 U*+	< 0.566 U*+	< 0.571 U*+
Naphthalene	0.12	NS	6.2		< 0.566 U	< 0.567 U	***4.12***	0.106 J	***16.7***	< 0.563 U	***28.6 J***	***20.4***	***33.1 J***	< 0.571 U	< 0.570 U	***29.6***	< 0.568 U	< 0.566 U	***19.5***
Nitrobenzene	0.14	NS	3.53		< 0.566 U	< 0.567 U	< 0.576 U	***0.480 J***	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
N-Nitrosodiethylamine	0.00017	NS	0.000446		< 1.13 U	< 1.13 U	< 1.15 U	< 1.14 UF1	< 1.13 U	< 1.13 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U*+	< 1.13 U	< 1.14 U*+	< 1.13 U*+	< 1.14 U
N-Nitrosodimethylamine	0.00011	NS	0.001313		< 0.566 U*-	< 0.567 U*-	< 0.576 U*-	< 0.570 U*-F1	< 0.567 U*-	< 0.563 U*-	< 0.570 U*-	< 0.569 U*-	< 0.570 U*-	< 0.571 U*-	< 0.570 U	< 0.564 U*-	< 0.568 U	< 0.566 U	< 0.571 U*-
N-Nitrosodi-n-butylamine	0.0027	NS	0.001894		< 1.13 U	< 1.13 U	< 1.15 U	< 1.14 UF1	< 1.13 U	< 1.13 U	< 1.14 U	< 1.14 U*+	< 1.14 U	< 1.14 U*+	< 1.14 U*+	< 1.13 U	< 1.14 U*+	< 1.13 U*+	< 1.14 U
N-Nitrosodi-n-propylamine	0.011	NS	0.00957		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
N-Nitrosodiphenylamine	12	NS	13.67		< 0.566 U*+	< 0.567 U*+	< 0.576 U*+	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U*+	< 0.569 U*+	< 0.570 U*+	< 0.571 U*+	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
N-Nitrosomorpholine	0.012	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
N-Nitroso-N-methylethylamine	0.00071	NS	0.00		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
N-Nitrosopiperidine	0.0082	NS	NS		< 1.13 U	< 1.13 U	< 1.15 U	< 1.14 UF1	< 1.13 U	< 1.13 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U*+	< 1.13 U	< 1.14 U*+	< 1.13 U*+	< 1.14 U
N-Nitrosopyrrolidine	0.037	NS	0.03		< 0.566 U*-	< 0.567 U*-	< 0.576 U	< 0.570 U*-	< 0.567 U*-	< 0.563 U*-	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U*-	< 0.568 U	< 0.566 U	< 0.571 U*-
o,o,o-Triethyl phosphorothioate	NS	NS	NS		**65.1 *+**	**2080 *+**	**1600 *+**	**0.672**	< 0.567 U	< 0.563 U	6.32 *+	< 0.569 U*+	**9.31 *+**	< 0.571 U*+	< 0.570 U*+	< 0.564 U*+	< 0.568 U*+	< 0.566 U*+	**2.09 *+**
o,o-Diethyl o-pyrazinyl phosphorothioate	NS	NS	NS		< 1.13 U*+	< 1.13 U*+	< 1.15 U*+	< 1.14 U	< 1.13 U	< 1.13 U	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.13 U*+	< 1.14 U*+	< 1.13 U*+	< 1.14 U*+
o-Toluidine	4.7	NS	0.28		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 UF2	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	< 0.571 U
Parathion	8.6	NS	219		< 0.226 U*+	< 0.227 U*+	< 0.230 U*+	< 0.228 U	< 0.227 U	< 0.225 U	< 0.228 U*+	< 0.228 U*+	< 0.228 U*+	< 0.228 U*+	< 0.228 U*+	< 0.226 U*+	< 0.227 U*+	< 0.226 U*+	< 0.229 U*+
p-Chloroaniline	0.37	NS	146		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
Pentachlorobenzene	0.32	NS	29.20		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
Pentachloronitrobenzene	0.12	NS	0.26		< 0.566 U*+	< 0.567 U*+	< 0.576 U	< 0.570 UF1*+	< 0.567 U*+	< 0.563 U*+	< 0.570 U	< 0.569 U*+	< 0.570 U	< 0.571 U*+	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	< 0.571 U
Pentachlorophenol	0.041	1	1		< 1.13 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.13 U	< 1.13 U	***1.41***	< 1.14 U	***1.25***	< 1.14 U	< 1.14 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.14 U
Phenacetin	34	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U*+	< 0.570 UF1	< 0.567 U	< 0.563 U	< 0.570 U*+	< 0.569 U*+	< 0.570 U*+	< 0.571 U*+	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	< 0.571 U
Phenanthrene	NS	NS	1095		< 0.566 U*+	< 0.567 U*+	< 0.576 U	< 0.570 UF1	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U*+	**2.71**	< 0.571 U*+	< 0.570 U*+	< 0.564 U	< 0.568 U*+	< 0.566 U*+	**0.689**
Phenol	580	NS	21900		< 1.13 U	< 1.13 U	< 1.15 U	**10.6 I**	**19.7 I**	**9.64 I**	< 114 U	**158 JI**	< 114 U	< 2.85 U	< 2.85 U	< 2.82 U	< 2.84 U	< 2.83 U	**24.9 JI**
Phorate	0.3	NS	NS		< 0.566 U*+	< 0.567 U*+	< 0.576 U*+	< 0.570 U	< 0.567 U	< 0.563 U	< 0.570 U*+	< 0.569 U*+	< 0.570 U*+	< 0.571 U*+	< 0.570 U*+	< 0.564 U*+	< 0.568 U*+	< 0.566 U*+	< 0.571 U*+
p-Phenylenediamine	2	NS	6935		< 1.13 U*-	< 1.13 U*-	< 1.15 U*-	< 1.14 U*-F1	< 1.13 U*-	< 1.13 U*-	< 1.14 U*-	< 1.14 U*-	< 1.14 U*-	< 1.14 U*-	< 1.14 U	< 1.13 U*-	< 1.14 U	< 1.13 U	< 1.14 U*-
Propyzamide	120	NS	NS		< 0.566 U*+	< 0.567 U*+	< 0.576 U*+	< 0.570 U*+F1	< 0.567 U*+	< 0.563 U*+	< 0.570 U*+	< 0.569 U*+	< 0.570 U*+	< 0.571 U*+	< 0.570 U*+	< 0.564 U*+	< 0.568 U*+	< 0.566 U*+	< 0.571 U*+
Pyrene	12	NS	182.5		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 U*+F1	< 0.567 U*+	< 0.563 U*+	< 0.570 U	< 0.569 U	0.158 J	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
Pyridine	2	NS	36.5		< 2.83 U	< 2.84 U	< 2.88 U	< 2.85 U*1	< 2.84 U*1	< 2.81 U*1	< 2.85 U	< 2.84 U	1.98 J	< 2.85 U	< 2.85 U*1	< 2.82 U*-	< 2.84 U*1	< 2.83 U*1	< 2.86 U*-
Safrole	0.096	NS	NS		< 0.566 U	< 0.567 U	< 0.576 U	< 0.570 UF1	< 0.567 U	< 0.563 U	< 0.570 U	< 0.569 U	< 0.570 U	< 0.571 U	< 0.570 U	< 0.564 U	< 0.568 U	< 0.566 U	< 0.571 U
Sulfotep	0.71	NS	NS		< 0.566 U*+	< 0.567 U*+	**0.531 J*+**	**0.458 J**	< 0.567 U	< 0.563 U	***6.34 *+***	***1.21 *+***	**0.292 J*+**	< 0.571 U*+	**0.361 J*+**	< 0.564 U*+	< 0.568 U*+	< 0.566 U*+	**0.305 J*+**

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Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	MW-28S	MW-29D	Duplicate MW-29D	MW-29S	MW-30D	MW-30S	MW-31D	MW-31S	MW-32D	MW-32S	MW-33D	MW-33S	MW-34DR	MW-34SR
				Sample Date:	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/6/2024	11/6/2024	11/6/2024	11/7/2024	11/7/2024	11/6/2024	11/6/2024
				Program:	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1
Volatile Organic Compounds; Method 8260B																		
1,1,1,2-Tetrachloroethane	0.57	NS	0.41		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1,1-Trichloroethane	800	200	200		< 2500 U	< 2500 U	< 2500 U	< 250 U	< 250 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
1,1,2,2-Tetrachloroethane	0.076	NS	0.05		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1,2-trichloro-1,2,2-trifluoroethane	1000	NS	59375.79		< 5000 U	< 5000 U	< 5000 U	< 500 U	< 500 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
1,1,2-Trichloroethane	0.041	5	5		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1-Dichloroethane	2.8	NS	798.44		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1-Dichloroethene	0.82	7	7		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2,3-Trichloropropane	0.00075	NS	0.00623		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2,4-Trimethylbenzene	5.6	NS	12.33		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2-Dibromo-3-chloropropane	0.00033	0.2	0.20		< 2500 U	< 2500 U	< 2500 U	< 250 U	< 250 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
1,2-Dibromoethane	0.0075	0.05	0.05		< 2500 U	< 2500 U	< 2500 U	< 250 U	< 250 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
1,2-Dichloroethane	0.17	5	5		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2-Dichloropropane	0.82	5	5		< 2500 U	< 2500 U	< 2500 U	< 250 U	< 250 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
1,3,5-Trimethylbenzene	6	NS	12.33		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,3-Butadiene	0.071	NS	0.00696		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
2,2,4-Trimethylpentane	NS	NS	NS		< 2500 U	< 2500 U	< 2500 U	< 250 U	< 250 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	0.784 J	< 5.00 U	< 5.00 U	< 5.00 U
2-Butanone (MEK)	560	NS	1906.09		< 25000 U	< 25000 U	< 25000 U	< 2500 U	< 2500 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U
2-Chlor-1,3-Butadiene	0.0068	NS	14.31		< 2500 U	< 2500 U	< 2500 U	< 250 U	< 250 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
2-Methyl-1-propanol	73	NS	1825		< 25000 U	< 25000 U	< 25000 U	< 2500 U	< 2500 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U
4-Methyl-2-Pentanone	630	NS	139.05		< 25000 U	< 25000 U	< 25000 U	< 2500 U	< 2500 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U
Acetone	1800	NS	608.33		< 50000 U	< 50000 U	< 50000 U	< 5000 U	< 5000 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U
Acetonitrile	13	NS	125.14		< 50000 U	< 50000 U	< 50000 U	< 5000 U	< 5000 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U
Acrolein	0.0042	NS	0.0416		< 25000 U	< 25000 U	< 25000 U	< 2500 U	< 2500 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U
Acrylonitrile	0.052	NS	0.0367		< 25000 U	< 25000 U	< 25000 U	< 2500 U	< 2500 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U
Allyl chloride	0.21	NS	NS		< 2500 U	< 2500 U	< 2500 U	< 250 U	< 250 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Benzene	0.46	5	5		***967***	***430 J***	***480 J***	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Benzyl Chloride	0.089	NS	0.06		< 2500 U	< 2500 U	< 2500 U	< 250 U	< 250 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Bromodichloromethane	0.13	80	0.17		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Bromoform	3.3	80	8.48		< 2500 U	< 2500 U	< 2500 U	< 250 U	< 250 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Bromomethane	0.75	NS	8.52		< 2500 U	< 2500 U	< 2500 U	< 250 U	< 250 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Carbon Disulfide	81	NS	1042.86		< 2500 U	< 2500 U	< 2500 U	< 250 U	< 250 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Carbon Tetrachloride	0.46	5	5		***51200***	***104000***	***97000***	***7740***	***4060***	***8.65***	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
CFC-11	520	NS	1288.24		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
CFC-12	20	NS	347.62		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 UF1
Chlorobenzene	7.8	100	100		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Chlorodibromomethane	0.87	80	0.13		< 2500 U	< 2500 U	< 2500 U	< 250 U	< 250 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Chloroethane	830	NS	3.64		< 5000 U	< 5000 U	< 5000 U	< 500 U	< 500 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
Chloroform	0.22	80	0.15		***11300***	***1800***	***1860***	***109***	***29.5 J***	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Chloromethane	19	NS	1.43		< 5000 U	< 5000 U	< 5000 U	< 500 U	< 500 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
cis-1,2-Dichloroethene	2.5	70	70		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
cis-1,3-Dichloropropene	NS	NS	NS		< 2500 U	< 2500 U	< 2500 U	< 250 U	< 250 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Cyclohexane	1300	NS	NS		< 2500 U	< 2500 U	< 2500 U	< 250 U	< 250 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Dibromomethane	0.83	NS	60.83		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Dichloromethane	11	5	5		< 2500 U	< 2500 U	< 2500 U	< 250 U	< 250 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Ethyl Methacrylate	63	NS	547.5		< 2500 U	< 2500 U	< 2500 U	< 250 U	< 250 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Ethylbenzene	1.5	700	700		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Hexane	150	NS	350.18		< 2500 U	< 2500 U	< 2500 U	< 250 U	< 250 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Iodomethane	NS	NS	NS		< 10000 U	< 10000 U	< 10000 U	< 1000 U	< 1000 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U
Isopropyl alcohol	41	NS	NS		< 5000 U	< 5000 U	< 5000 U	< 500 U	< 500 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
Isopropylbenzene	45	NS	679.07		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	**1.12**	< 1.00 U	< 1.00 U	< 1.00 U
m&p-Xylenes	NS	NS	NS		< 5.00 U	< 5.00 U	< 5.00 U	< 0.500 U	< 0.500 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U
Methyl methacrylate	140	NS	1419.44		< 5000 U	< 5000 U	< 5000 U	< 500 U	< 500 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
Methyl N-Butyl Ketone (2-Hexanone)	3.8	NS	1460		< 25000 U	< 25000 U	< 25000 U	< 2500 U	< 2500 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U

Footnotes on Page 20.

Table 1
Groundwater Analytical Results - Alluvial Aquifer
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	MW-28S	MW-29D	Duplicate MW-29D	MW-29S	MW-30D	MW-30S	MW-31D	MW-31S	MW-32D	MW-32S	MW-33D	MW-33S	MW-34DR	MW-34SR
				Sample Date:	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/6/2024	11/6/2024	11/6/2024	11/7/2024	11/7/2024	11/6/2024	11/6/2024
				Program:	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1
Volatile Organic Compounds; Method 8260B (continued)																		
Methylacrylonitrile	0.19	NS	1.04		< 5000 U	< 5000 U	< 5000 U	< 500 U	< 500 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
Methyl-tert-butylether	14	NS	40		< 2500 U	< 2500 U	< 2500 U	< 250 U	< 250 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
n-Propylbenzene	66	NS	243.33		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
o-Xylene	0.019	NS	12.17		< 0.500 U	< 0.500 U	< 0.500 U	< 0.0500 U	< 0.0500 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U
Propionitrile	NS	NS	NS		< 5000 U	< 5000 U	< 5000 U	< 500 U	< 500 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
Styrene (Monomer)	120	100	100		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Tetrachloroethene	4.1	5	5		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Tetrahydrofuran	340	NS	NS		< 5000 U	< 5000 U	< 5000 U	< 500 U	< 500 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
Toluene	110	1000	1000		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Total Xylenes	19	10000	10000		< 5000 U	< 5000 U	< 5000 U	< 500 U	< 500 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
trans-1,2-Dichloroethene	6.8	100	100		< 500 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
trans-1,3-Dichloropropene	NS	NS	NS		< 2500 U	< 2500 U	< 2500 U	< 250 U	< 250 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
trans-1,4-Dichloro-2-butene	0.0013	NS	NS		< 5000 U	< 5000 U	< 5000 U	< 500 U	< 500 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
Trichloroethene	0.28	5	5		< 2500 U	< 2500 U	< 2500 U	< 250 U	< 250 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Vinyl acetate	41	NS	412.12		< 10000 U	< 10000 U	< 10000 U	< 1000 U	< 1000 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U
Vinyl chloride	0.019	2	2		< 1000 U	< 1000 U	< 1000 U	< 100 U	< 100 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U
Semivolatile Organic Compounds; Method 8270D																		
1,1-Biphenyl	0.083	NS	304.17		***1300***	***579***	***671***	***0.114 J***	***42.7***	< 0.566 U	***0.230 J***	< 0.571 U	< 0.567 U	< 0.569 U	***2470***	***0.114 J***	***57.1***	< 0.567 U
1,2,4,5-Tetrachlorobenzene	0.017	NS	10.95		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U*-	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U*-	< 0.563 U	< 0.567 U
1,2,4-Trichlorobenzene	0.4	70	70		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
1,2-Dichlorobenzene	30	600	600		**3.23**	**2.16**	**2.35**	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
1,3,5-Trinitrobenzene	59	NS	1095		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 UF1	< 0.563 U*+	< 0.567 U*+
1,3-Dichlorobenzene	NS	NS	5.48		**0.294 J**	**0.220 J**	**0.253 J**	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
1,3-Dinitrobenzene	0.2	NS	3.65		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 UF1	< 0.563 U*+	< 0.567 U*+
1,4-Dichlorobenzene	0.48	75	75		***4.57***	***3.34***	***3.82***	< 0.567 U	**0.130 J**	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
1,4-Dioxane	0.46	NS	6.09		***3.03***	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
1,4-Naphthoquinone	NS	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 U	< 0.563 U*+	< 0.567 U*+
1-Naphthylamine	NS	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 UF1	< 0.563 U	< 0.567 U
2,2-Oxybis(1-Chloropropane)	71	NS	0.26		< 2.82 U	< 2.84 U	< 2.84 U	< 2.84 U	< 2.86 U	< 2.83 U	< 2.87 U	< 2.86 U	< 2.83 U	< 2.84 U	< 2.86 U	< 2.89 U	< 2.82 U	< 2.84 U
2,3,4,6-Tetrachlorophenol	24	NS	1095		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 UF1	< 0.563 U	< 0.567 U
2,4,5-Trichlorophenol	120	NS	3650		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 UF1	< 0.563 U*+	< 0.567 U*+
2,4,6-Trichlorophenol	1.2	NS	6.09		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 UF1	< 0.563 U	< 0.567 U
2,4-Dichlorophenol	4.6	NS	109.5		**0.188 J**	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 UF1	< 0.563 U	< 0.567 U
2,4-Dimethylphenol	36	NS	730		< 0.565 U*+	< 0.569 U*+	< 0.567 U*+	< 0.567 U*+	< 0.572 U*+	< 0.566 U*+	< 0.575 U*+	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U*+	< 0.578 U*+F1	< 0.563 U*+	< 0.567 U*+
2,4-Dinitrophenol	3.9	NS	73		< 2.82 U	< 2.84 U	< 2.84 U	< 2.84 U	< 2.86 U	< 2.83 U	< 2.87 U	< 2.86 U	< 2.83 U	< 2.84 U	< 2.86 U	< 2.89 U	< 2.82 U	< 2.84 U
2,4-Dinitrotoluene	0.24	NS	73		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 UF1	< 0.563 U*+	< 0.567 U*+
2,6-Dichlorophenol	NS	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 UF1	< 0.563 U	< 0.567 U
2,6-Dinitrotoluene	0.049	NS	36.5		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 UF1	< 0.563 U	< 0.567 U
2-Acetylaminofluorene	0.016	NS	NS		< 2.82 U	< 2.84 U	< 2.84 U	< 2.84 U	< 2.86 U	< 2.83 U	< 2.87 U*+	< 2.86 U*+	< 2.83 U*+	< 2.84 U*+	< 2.86 U	< 2.89 U*+F1	< 2.82 U*+	< 2.84 U*+
2-Chloronaphthalene	75	NS	486.67		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 UF1	< 0.563 U	< 0.567 U
2-Chlorophenol	9.1	NS	30.42		**0.635**	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 UF1	< 0.563 U	< 0.567 U
2-Methyl-4,6-dinitrophenol	0.15	NS	3.65		< 1.13 U	< 1.14 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.13 U	< 1.14 U	< 1.14 U	< 1.16 U	< 1.13 U	< 1.13 U
2-Methylnaphthalene	3.6	NS	121.67		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
2-Methylphenol	93	NS	1825.00		0.275 J	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
2-Naphthylamine	0.039	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 U	< 0.563 U*+	< 0.567 U*+
2-Nitroaniline	19	NS	0.42		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 UF1	< 0.563 U*+	< 0.567 U*+
2-Nitrophenol	NS	NS	0.42		< 0.565 U	**3.88**	**3.92**	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
2-Picoline	NS	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 UF2F1	< 0.563 U	< 0.567 U
3,3-Dichlorobenzidine	0.13	NS	0.15		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
3,3-Dimethylbenzidine	0.0021	NS	0.00728		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U*+	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 UF2F1*+	< 0.563 U*+	< 0.567 U*+
3-Methylchloranthrene	0.0011	NS	NS		< 0.565 U*3	< 0.569 U*3	< 0.567 U*3	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 UF1	< 0.563 U*+	< 0.567 U*+
3-Methylphenol, 4-Methylphenol	NS	NS	NS		**0.637**	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
3-Nitroaniline	NS	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U

Footnotes on Page 20.

Table 1
Groundwater Analytical Results - Alluvial Aquifer
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	MW-28S	MW-29D	Duplicate MW-29D	MW-29S	MW-30D	MW-30S	MW-31D	MW-31S	MW-32D	MW-32S	MW-33D	MW-33S	MW-34DR	MW-34SR
				Sample Date:	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/6/2024	11/6/2024	11/6/2024	11/7/2024	11/7/2024	11/6/2024	11/6/2024
				Program:	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1
Semivolatile Organic Compounds; Method 8270D (continued)																		
4-Aminobiphenyl	0.003	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U*+	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 U*+	< 0.563 U*+	< 0.567 U*+
4-Bromophenyl phenyl ether	NS	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 UF1	< 0.563 U*+	< 0.567 U*+
4-Chloro-3-Methylphenol	140	NS	73000		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 UF1	< 0.563 U*+	< 0.567 U*+
4-Chlorophenyl phenyl ether	NS	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
4-Dimethylaminoazobenzene	0.005	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U*+	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 U*+F1	< 0.563 U*+	< 0.567 U*+
4-Nitroaniline	3.8	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
4-Nitroquinoline-N-Oxide	NS	NS	NS		< 1.13 U	< 1.14 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.13 U	< 1.14 U	< 1.14 U	< 1.16 U	< 1.13 U	< 1.13 U
5-Nitro-o-Toluidine	8.2	NS	2.03		< 1.13 U	< 1.14 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U*+	< 1.13 U*+	< 1.14 U*+	< 1.14 U	< 1.16 U	< 1.13 U*+	< 1.13 U*+
7,12-Dimethylbenz(a)anthracene	0.0001	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 UF1	< 0.563 U*+	< 0.567 U*+
Acenaphthene	53	NS	365		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	**1.69**	**0.138 J**	< 0.563 U	< 0.567 U
Acenaphthylene	NS	NS	2190		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	**0.0998 J**	< 0.578 UF1	< 0.563 U*+	< 0.567 U*+
Acetophenone[1]	190	NS	NS		**3.06**	**1.08 J**	**1.22**	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U*+	< 1.13 U*+	< 1.14 U*+	< 1.14 U	< 1.16 UF1	< 1.13 U*+	< 1.13 U*+
Aniline	13	NS	11.75		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
Anthracene	180	NS	43.4		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 UF1	< 0.563 U	< 0.567 U
Aramite	1.3	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
Aramite Peak 1	NS	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 UF1	< 0.563 U*+	< 0.567 U*+
Aramite Peak 2	NS	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 UF1	< 0.563 U*+	< 0.567 U*+
Benz(a)anthracene	0.03	NS	0.09		< 0.0282 U	< 0.0284 U	< 0.0284 U	< 0.0284 U	< 0.0286 U	< 0.0283 U	< 0.0287 U	< 0.0286 U*+	< 0.0283 U*+	< 0.0284 U*+	< 0.0286 U	< 0.0289 UF1	< 0.0282 U*+	< 0.0284 U*+
Benzo(a)pyrene	0.025	0.2	0.2		< 0.0565 U*3	< 0.0569 U*3	< 0.0567 U*3	< 0.0567 U	< 0.0572 U	< 0.0566 U	< 0.0575 U	< 0.0571 U	< 0.0567 U	< 0.0569 U	< 0.0572 U	< 0.0578 UF1	< 0.0563 U	< 0.0567 U
Benzo(b)fluoranthene	0.25	NS	0.09		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 UF1	< 0.563 U	< 0.567 U
Benzo(g,h,i)perylene	NS	NS	1095		< 0.565 U*3	< 0.569 U*3	< 0.567 U*3	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
Benzo(k)fluoranthene	2.5	NS	0.92		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 UF1	< 0.563 U	< 0.567 U
Benzyl Alcohol	200	NS	10950		**5.56 l*-**	**2.05 l*-**	**2.02 l*-**	< 1.13 U*-	< 1.14 U*-	< 1.13 U*-	< 1.15 U*-	< 1.14 U	< 1.13 U	< 1.14 U	< 1.14 U*-	< 1.16 U*-	< 1.13 U	< 1.13 U
bis(2-Chloroethoxy)methane	5.9	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
bis(2-Chloroethyl)ether	0.014	NS	0.009202		< 0.565 U*+	< 0.569 U*+	< 0.567 U*+	< 0.567 U*+	< 0.572 U*+	< 0.566 U*+	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U*+	< 0.578 UF1	< 0.563 U	< 0.567 U
bis(2-Ethylhexyl)phthalate	5.6	6	6		< 1.13 U	< 1.14 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U*+	< 1.13 U*+	< 1.14 U*+	< 1.14 U	< 1.16 UF1	< 1.13 U*+	< 1.13 U*+
Butyl benzyl phthalate	16	NS	2690		< 1.13 U	< 1.14 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U*+	< 1.13 U*+	< 1.14 U*+	< 1.14 U	< 1.16 UF1	< 1.13 U*+	< 1.13 U*+
Chrysene	25	NS	9.17		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 UF1	< 0.563 U	< 0.567 U
Diallate	0.54	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
Diallate Peak 1	NS	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 UF1	< 0.563 U*+	< 0.567 U*+
Diallate Peak 2	NS	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 UF1	< 0.563 U*+	< 0.567 U*+
Dibenz(a,h)anthracene	0.025	NS	0.00917		< 0.113 U*3	< 0.114 U*3	< 0.113 U*3	< 0.113 U	< 0.114 U	< 0.113 U	< 0.115 U	< 0.114 U	< 0.113 U	< 0.114 U	< 0.114 U	< 0.116 U	< 0.113 U	< 0.113 U
Dibenzofuran	0.79	NS	24.33		***1.84***	***0.912***	***0.934***	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	***7.98***	< 0.578 UF1	**0.204 J**	< 0.567 U
Diethyl phthalate	1500	NS	29200		**0.199 J**	< 1.14 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U*+	< 1.13 U*+	< 1.14 U*+	< 1.14 U	< 1.16 UF1	< 1.13 U*+	< 1.13 U*+
Dimethoate	4.4	NS	NS		< 0.565 U*+	< 0.569 U*+	< 0.567 U*+	< 0.567 U*+	< 0.572 U*+	< 0.566 U*+	< 0.575 U*+	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U*+	< 0.578 U*+	< 0.563 U*+	< 0.567 U*+
Dimethyl phthalate	NS	NS	365000		< 1.13 U*+	< 1.14 U*+	< 1.13 U*+	< 1.13 U*+	< 1.14 U*+	< 1.13 U*+	< 1.15 U	< 1.14 U*+	< 1.13 U*+	< 1.14 U*+	< 1.14 U*+	< 1.16 UF1	< 1.13 U*+	< 1.13 U*+
Dimethylphenethylamine	NS	NS	NS		< 5.65 U	< 5.69 U	< 5.67 U	< 5.67 U	< 5.72 U	< 5.66 U	< 5.75 U*-*1	< 5.71 U*-*1	< 5.67 U*-*1	< 5.69 U*-*1	< 5.72 U	< 5.78 U*-*1	< 5.63 U*-*1	< 5.67 U*-*1
Di-n-butyl phthalate	90	NS	3650		< 1.13 U	< 1.14 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U*+	< 1.13 U*+	< 1.14 U*+	< 1.14 U	< 1.16 UF1	< 1.13 U*+	< 1.13 U*+
Di-n-octyl phthalate	20	NS	20		< 1.13 U	< 1.14 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.13 U	< 1.14 U	< 1.14 U	< 1.16 UF1	< 1.13 U	< 1.13 U
Dinoseb	1.5	7	7		< 2.82 U*+	< 2.84 U*+	< 2.84 U*+	< 2.84 U*+	< 2.86 U*+	< 2.83 U*+	< 2.87 U*+	< 2.86 U*+	< 2.83 U*+	< 2.84 U*+	< 2.86 U*+	< 2.89 U*+	< 2.82 U*+	< 2.84 U*+
Diphenyl ether	0.083	NS	NS		***4890***	***1840***	***1950***	***0.509 J***	***168***	***0.260 J***	***0.584***	< 0.571 U	< 0.567 U	< 0.569 U	***12900***	***206***	***207***	< 0.567 U
Disulfoton	0.05	NS	1.46		< 0.565 U*+	< 0.569 U*+	< 0.567 U*+	< 0.567 U*+	< 0.572 U*+	< 0.566 U*+	< 0.575 U*+	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U*+	< 0.578 U*+	< 0.563 U*+	< 0.567 U*+
Ethyl Methanesulfonate	NS	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
Famphur	NS	NS	NS		< 1.13 U*+	< 1.14 U*+	< 1.13 U*+	< 1.13 U*+	< 1.14 U*+	< 1.13 U*+	< 1.15 U*+	< 1.14 U*+	< 1.13 U*+	< 1.14 U*+	< 1.14 U*+	< 1.16 U*+	< 1.13 U*+	< 1.13 U*+
Fluoranthene	80	NS	1460		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 UF1	< 0.563 U	< 0.567 U
Fluorene	29	NS	243.33		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	**0.521 J**	< 0.578 UF1	< 0.563 U	< 0.567 U
Hexachloro-1,3-butadiene	0.14	NS	0.86		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
Hexachlorobenzene	0.0098	1	1		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
Hexachlorocyclopentadiene	0.041	50	50		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
Hexachloroethane	0.33	NS	4.78		***6.41***	***1.51***	***2.18***	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
Hexachloropropene	NS	NS	NS		< 0.565 U*-	< 0.569 U*-	< 0.567 U*-	< 0.567 U*-	< 0.572 U*-	< 0.566 U*-	< 0.575 U*-	< 0.571 U*-	< 0.567 U*-	< 0.569 U*-	< 0.572 U*-	< 0.578 U*-	< 0.563 U*-	< 0.567 U*-
Indeno(1,2,3-cd)pyrene	0.25	NS	0.09174		< 0.565 U*3	< 0.569 U*3	< 0.567 U*3	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 UF1	< 0.563 U	< 0.567 U
Isophorone	78	NS	70.5		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U

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Table 1
Groundwater Analytical Results - Alluvial Aquifer
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	MW-28S	MW-29D	Duplicate MW-29D	MW-29S	MW-30D	MW-30S	MW-31D	MW-31S	MW-32D	MW-32S	MW-33D	MW-33S	MW-34DR	MW-34SR
				Sample Date:	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/7/2024	11/6/2024	11/6/2024	11/6/2024	11/7/2024	11/7/2024	11/6/2024	11/6/2024
				Program:	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1	Area #1
Semivolatile Organic Compounds; Method 8270D (continued)																		
Isosafrole	NS	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
Isosafrole Peak 1	NS	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 UF1	< 0.563 U	< 0.567 U
Isosafrole Peak 2	NS	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 UF1	< 0.563 U	< 0.567 U
Methapyrilene	NS	NS	NS		< 2.26 U*+	< 2.28 U*+	< 2.27 U*+	< 2.27 U*+	< 2.29 U*+	< 2.26 U*+	< 2.30 U*+	< 2.29 U*+	< 2.27 U*+	< 2.28 U*+	< 2.29 U*+	< 2.31 U*+	< 2.25 U*+	< 2.27 U*+
Methyl methanesulfonate	0.79	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
Methyl parathion	0.45	NS	9.13		< 0.565 U*+	< 0.569 U*+	< 0.567 U*+	< 0.567 U*+	< 0.572 U*+	< 0.566 U*+	< 0.575 U*+	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U*+	< 0.578 U*+	< 0.563 U*+	< 0.567 U*+
Naphthalene	0.12	NS	6.2		***15.2***	***8.2***	***8.97***	< 0.567 U	***0.320 J***	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	***2.73***	< 0.578 U	< 0.563 U	< 0.567 U
Nitrobenzene	0.14	NS	3.53		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
N-Nitrosodiethylamine	0.00017	NS	0.000446		< 1.13 U	< 1.14 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U*+	< 1.13 U*+	< 1.14 U*+	< 1.14 U	< 1.16 UF1	< 1.13 U*+	< 1.13 U*+
N-Nitrosodimethylamine	0.00011	NS	0.001313		< 0.565 U*-	< 0.569 U*-	< 0.567 U*-	< 0.567 U*-	< 0.572 U*-	< 0.566 U*-	< 0.575 U*-	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U*-	< 0.578 U*-	< 0.563 U	< 0.567 U
N-Nitrosodi-n-butylamine	0.0027	NS	0.001894		< 1.13 U	< 1.14 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U*+	< 1.14 U*+	< 1.13 U*+	< 1.14 U*+	< 1.14 U	< 1.16 U*+F1	< 1.13 U*+	< 1.13 U*+
N-Nitrosodi-n-propylamine	0.011	NS	0.00957		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
N-Nitrosodiphenylamine	12	NS	13.67		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 UF1	< 0.563 U	< 0.567 U
N-Nitrosomorpholine	0.012	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
N-Nitroso-N-methylethylamine	0.00071	NS	0.00		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
N-Nitrosopiperidine	0.0082	NS	NS		< 1.13 U	< 1.14 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U*+	< 1.13 U*+	< 1.14 U*+	< 1.14 U	< 1.16 UF1	< 1.13 U*+	< 1.13 U*+
N-Nitrosopyrrolidine	0.037	NS	0.03		< 0.565 U*-	< 0.569 U*-	< 0.567 U*-	< 0.567 U*-	< 0.572 U*-	< 0.566 U*-	< 0.575 U*-	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U*-	< 0.578 U*-	< 0.563 U	< 0.567 U
o,o,o-Triethyl phosphorothioate	NS	NS	NS		< 0.565 U*+	< 0.569 U*+	< 0.567 U*+	< 0.567 U*+	< 0.572 U*+	< 0.566 U*+	< 0.575 U*+	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U*+	< 0.578 U*+	< 0.563 U*+	< 0.567 U*+
o,o-Diethyl o-pyrazinyl phosphorothioate	NS	NS	NS		< 1.13 U*+	< 1.14 U*+	< 1.13 U*+	< 1.13 U*+	< 1.14 U*+	< 1.13 U*+	< 1.15 U*+	< 1.14 U*+	< 1.13 U*+	< 1.14 U*+	< 1.14 U*+	< 1.16 U*+	< 1.13 U*+	< 1.13 U*+
o-Toluidine	4.7	NS	0.28		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 U	< 0.563 U*+	< 0.567 U*+
Parathion	8.6	NS	219		< 0.226 U*+	< 0.228 U*+	< 0.227 U*+	< 0.227 U*+	< 0.229 U*+	NS	< 0.230 U*+	< 0.229 U*+	< 0.227 U*+	< 0.228 U*+	< 0.229 U*+	< 0.231 U*+	< 0.225 U*+	< 0.227 U*+
p-Chloroaniline	0.37	NS	146		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
Pentachlorobenzene	0.32	NS	29.20		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 U	< 0.563 U	< 0.567 U
Pentachloronitrobenzene	0.12	NS	0.26		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 UF1	< 0.563 U*+	< 0.567 U*+
Pentachlorophenol	0.041	1	1		< 1.13 U	< 1.14 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.13 U	< 1.14 U	< 1.14 U	< 1.16 U	< 1.13 U	< 1.13 U
Phenacetin	34	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U	< 0.578 UF1	< 0.563 U*+	< 0.567 U*+
Phenanthrene	NS	NS	1095		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	**0.617**	< 0.578 UF1	< 0.563 U*+	< 0.567 U*+
Phenol	580	NS	21900		**150 J**	**6.42 I**	**4.50 I**	< 2.84 U	< 2.86 U	< 2.83 U	< 2.87 U	< 2.86 U	< 2.83 U	< 2.84 U	< 2.86 U	**1.21 JI**	**1.26 JI**	< 2.84 U
Phorate	0.3	NS	NS		< 0.565 U*+	< 0.569 U*+	< 0.567 U*+	< 0.567 U*+	< 0.572 U*+	< 0.566 U*+	< 0.575 U*+	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U*+	< 0.578 U*+	< 0.563 U*+	< 0.567 U*+
p-Phenylenediamine	2	NS	6935		< 1.13 U*-	< 1.14 U*-	< 1.13 U*-	< 1.13 U*-	< 1.14 U*-	< 1.13 U*-	< 1.15 U*-	< 1.14 U	< 1.13 U	< 1.14 U	< 1.14 U*-	< 1.16 U*-F1	< 1.13 U	< 1.13 U
Propyzamide	120	NS	NS		< 0.565 U*+	< 0.569 U*+	< 0.567 U*+	< 0.567 U*+	< 0.572 U*+	< 0.566 U*+	< 0.575 U*+	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U*+	< 0.578 U*+F1	< 0.563 U*+	< 0.567 U*+
Pyrene	12	NS	182.5		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 UF1	< 0.563 U	< 0.567 U
Pyridine	2	NS	36.5		< 2.82 U*-	< 2.84 U*-	< 2.84 U*-	< 2.84 U*-	< 2.86 U*-	< 2.83 U*-	< 2.87 U	< 2.86 U*1	< 2.83 U*1	< 2.84 U*1	< 2.86 U*-	< 2.89 UF1	< 2.82 U*1	< 2.84 U*1
Safrole	0.096	NS	NS		< 0.565 U	< 0.569 U	< 0.567 U	< 0.567 U	< 0.572 U	< 0.566 U	< 0.575 U	< 0.571 U	< 0.567 U	< 0.569 U	< 0.572 U	< 0.578 UF1	< 0.563 U	< 0.567 U
Sulfotep	0.71	NS	NS		< 0.565 U*+	< 0.569 U*+	< 0.567 U*+	< 0.567 U*+	< 0.572 U*+	< 0.566 U*+	< 0.575 U*+	< 0.571 U*+	< 0.567 U*+	< 0.569 U*+	< 0.572 U*+	< 0.578 U*+	< 0.563 U*+	< 0.567 U*+

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Table 1
Groundwater Analytical Results - Alluvial Aquifer
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Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	MW-129-D	MW-64	MW-65	MW-66	Duplicate MW-66	MW-67	MW-68	MW-69	MW-70	MW-71	MW-72	MW-43	MW-47	MW-50
				Sample Date:	11/6/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/6/2024	11/6/2024	11/8/2024
				Program:	Area #1	Area #2	Area #2	Area #2	Area #2	Area #2	Area #2	Area #2	Area #2	Area #2	Area #2	Area #3	Area #3	Poly Pale
Volatile Organic Compounds; Method 8260B																		
1,1,1,2-Tetrachloroethane	0.57	NS	0.41		< 1.00 U	< 5.00 U	< 1.00 U	< 5.00 U	< 10.0 U	< 1.00 U	< 5.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
1,1,1-Trichloroethane	800	200	200		< 5.00 U	< 25.0 U	< 5.00 U	< 25.0 U	< 50.0 U	< 5.00 U	< 25.0 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 50.0 U
1,1,2,2-Tetrachloroethane	0.076	NS	0.05		< 1.00 U	< 5.00 U	< 1.00 U	< 5.00 U	< 10.0 U	< 1.00 U	< 5.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
1,1,2-trichloro-1,2,2-trifluoroethane	1000	NS	59375.79		< 10.0 U	< 50.0 U	< 10.0 U	< 50.0 U	< 100 U	< 10.0 U	< 50.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 100 U*+
1,1,2-Trichloroethane	0.041	5	5		< 1.00 U	< 5.00 U	< 1.00 U	< 5.00 U	< 10.0 U	< 1.00 U	< 5.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
1,1-Dichloroethane	2.8	NS	798.44		< 1.00 U	< 5.00 U	< 1.00 U	< 5.00 U	< 10.0 U	< 1.00 U	< 5.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
1,1-Dichloroethene	0.82	7	7		< 1.00 U	< 5.00 U	< 1.00 U	< 5.00 U	< 10.0 U	< 1.00 U	< 5.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
1,2,3-Trichloropropane	0.00075	NS	0.00623		< 1.00 U	< 5.00 U	< 1.00 U	< 5.00 U	< 10.0 U	< 1.00 U	< 5.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
1,2,4-Trimethylbenzene	5.6	NS	12.33		< 1.00 U	***6.24***	< 1.00 U	***221***	***196***	**3.02**	***152***	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
1,2-Dibromo-3-chloropropane	0.00033	0.2	0.20		< 5.00 U	< 25.0 U	< 5.00 U	< 25.0 U	< 50.0 U	< 5.00 U	< 25.0 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 50.0 U
1,2-Dibromoethane	0.0075	0.05	0.05		< 5.00 U	< 25.0 U	< 5.00 U	< 25.0 U	< 50.0 U	< 5.00 U	< 25.0 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 50.0 U
1,2-Dichloroethane	0.17	5	5		< 1.00 U	< 5.00 U	< 1.00 U	< 5.00 U	< 10.0 U	< 1.00 U	< 5.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	***34.3***
1,2-Dichloropropane	0.82	5	5		< 5.00 U	< 25.0 U	< 5.00 U	< 25.0 U	< 50.0 U	< 5.00 U	< 25.0 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 50.0 U
1,3,5-Trimethylbenzene	6	NS	12.33		< 1.00 U	***7.16***	< 1.00 U	***68***	***61.4***	< 1.00 U	***60.7***	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
1,3-Butadiene	0.071	NS	0.00696		< 1.00 U	< 5.00 U	< 1.00 U	< 5.00 U	< 10.0 U	< 1.00 U	< 5.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
2,2,4-Trimethylpentane	NS	NS	NS		< 5.00 U	< 25.0 U	< 5.00 U	< 25.0 U	< 50.0 U	< 5.00 U	< 25.0 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 50.0 U*+
2-Butanone (MEK)	560	NS	1906.09		< 50.0 U	< 250 U	< 50.0 U	< 250 U	< 500 U	< 50.0 U	< 250 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 500 U
2-Chlor-1,3-Butadiene	0.0068	NS	14.31		< 5.00 U	< 25.0 U	< 5.00 U	< 25.0 U	< 50.0 U	< 5.00 U	< 25.0 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 50.0 U
2-Methyl-1-propanol	73	NS	1825		< 50.0 U	< 250 U	< 50.0 U	< 250 U	< 500 U*+	< 50.0 U	< 250 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 500 U
4-Methyl-2-Pentanone	630	NS	139.05		< 50.0 U	< 250 U	< 50.0 U	< 250 U	< 500 U	< 50.0 U	< 250 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 500 U
Acetone	1800	NS	608.33		< 100 U	< 500 U	< 100 U	< 500 U	< 1000 U	< 100 U	< 500 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	**163 J**
Acetonitrile	13	NS	125.14		< 100 U	< 500 U	< 100 U	< 500 U	< 1000 U	< 100 U	< 500 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 1000 U
Acrolein	0.0042	NS	0.0416		< 50.0 U	< 250 U	< 50.0 U	< 250 U	< 500 U*-	< 50.0 U	< 250 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 500 U
Acrylonitrile	0.052	NS	0.0367		< 50.0 U	< 250 U	< 50.0 U	< 250 U	< 500 U	< 50.0 U	< 250 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 500 U
Allyl chloride	0.21	NS	NS		< 5.00 U	< 25.0 U	< 5.00 U	< 25.0 U	< 50.0 U	< 5.00 U	< 25.0 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 50.0 U
Benzene	0.46	5	5		< 1.00 U	***1790***	< 1.00 U	***1800***	***2100***	***135***	***1400***	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	***0.925 J***	< 1.00 U	***1290***
Benzyl Chloride	0.089	NS	0.06		< 5.00 U	< 25.0 U	< 5.00 U	< 25.0 U	< 50.0 U	< 5.00 U	< 25.0 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 50.0 U
Bromodichloromethane	0.13	80	0.17		< 1.00 U	< 5.00 U	< 1.00 U	< 5.00 U	< 10.0 U	< 1.00 U	< 5.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
Bromoform	3.3	80	8.48		< 5.00 U	< 25.0 U	< 5.00 U	< 25.0 U	< 50.0 U	< 5.00 U	< 25.0 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 50.0 U
Bromomethane	0.75	NS	8.52		< 5.00 U	< 25.0 U	< 5.00 U	< 25.0 U	< 50.0 U	< 5.00 U	< 25.0 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 50.0 U
Carbon Disulfide	81	NS	1042.86		< 5.00 U	< 25.0 U	< 5.00 U	< 25.0 U	< 50.0 U	< 5.00 U	< 25.0 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 50.0 U
Carbon Tetrachloride	0.46	5	5		< 5.00 U	< 25.0 U	< 5.00 U	< 25.0 U	< 50.0 U	< 5.00 U	< 25.0 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	***10.3 J***
CFC-11	520	NS	1288.24		< 1.00 U	< 5.00 U	< 1.00 U	< 5.00 U	< 10.0 U	< 1.00 U	< 5.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
CFC-12	20	NS	347.62		< 1.00 U	< 5.00 U	< 1.00 U	< 5.00 U	< 10.0 U	< 1.00 U	< 5.00 U	< 1.00 U	< 1.00 U	< 1.00 UF1	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
Chlorobenzene	7.8	100	100		< 1.00 U	< 5.00 U	< 1.00 U	< 5.00 U	< 10.0 U	< 1.00 U	< 5.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
Chlorodibromomethane	0.87	80	0.13		< 5.00 U	< 25.0 U	< 5.00 U	< 25.0 U	< 50.0 U	< 5.00 U	< 25.0 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 50.0 U
Chloroethane	830	NS	3.64		< 10.0 U	< 50.0 U	< 10.0 U	< 50.0 U	< 100 U	< 10.0 U	< 50.0 U	< 10.0 U	< 10.0 U	< 10.0 UF1	< 10.0 U	< 10.0 U	< 10.0 U	< 100 U
Chloroform	0.22	80	0.15		< 1.00 U	< 5.00 U	< 1.00 U	< 5.00 U	< 10.0 U	< 1.00 U	< 5.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
Chloromethane	19	NS	1.43		< 10.0 U	< 50.0 U	< 10.0 U	< 50.0 U	< 100 U	< 10.0 U	< 50.0 U	< 10.0 U	< 10.0 U	< 10.0 UF1	< 10.0 U	< 10.0 U	< 10.0 U	< 100 U
cis-1,2-Dichloroethene	2.5	70	70		< 1.00 U	< 5.00 U	< 1.00 U	< 5.00 U	< 10.0 U	< 1.00 U	< 5.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
cis-1,3-Dichloropropene	NS	NS	NS		< 5.00 U	< 25.0 U	< 5.00 U	< 25.0 U	< 50.0 U	< 5.00 U	< 25.0 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 50.0 U
Cyclohexane	1300	NS	NS		< 5.00 U	**305**	< 5.00 U	**231**	**251**	**138**	**303**	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 50.0 U
Dibromomethane	0.83	NS	60.83		< 1.00 U	< 5.00 U	< 1.00 U	< 5.00 U	< 10.0 U	< 1.00 U	< 5.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
Dichloromethane	11	5	5		< 5.00 U	< 25.0 U	< 5.00 U	< 25.0 U	< 50.0 U	< 5.00 U	< 25.0 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 50.0 U
Ethyl Methacrylate	63	NS	547.5		< 5.00 U	< 25.0 U	< 5.00 U	< 25.0 U	< 50.0 U	< 5.00 U	< 25.0 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 50.0 U
Ethylbenzene	1.5	700	700		< 1.00 U	***149***	< 1.00 U	***361***	***328***	***14.9***	***500***	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
Hexane	150	NS	350.18		< 5.00 U	< 25.0 U	< 5.00 U	**34.7**	**46.5 J**	**6.07**	**11.4 J**	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 50.0 U*+
Iodomethane	NS	NS	NS		< 20.0 U	< 100 U	< 20.0 U	< 100 U	< 200 U	< 20.0 U	< 100 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 200 U
Isopropyl alcohol	41	NS	NS		< 10.0 U	< 50.0 U	< 10.0 U	< 50.0 U	< 100 U	< 10.0 U	< 50.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 100 U
Isopropylbenzene	45	NS	679.07		< 1.00 U	**42.6**	**0.640 J**	**26.9**	**19.6**	**21.2**	**34.5**	**1.32**	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
m&p-Xylenes	NS	NS	NS		< 0.0100 U	**0.0835**	< 0.0100 U	**0.456**	**0.461**	**0.0242**	**0.625**	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.100 U
Methyl methacrylate	140	NS	1419.44		< 10.0 U	< 50.0 U	< 10.0 U	< 50.0 U	< 100 U*-	< 10.0 U	< 50.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 100 U
Methyl N-Butyl Ketone (2-Hexanone)	3.8	NS	1460		< 50.0 U	< 250 U	< 50.0 U	< 250 U	< 500 U	< 50.0 U	< 250 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 500 U

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Table 1
Groundwater Analytical Results - Alluvial Aquifer
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	MW-129-D	MW-64	MW-65	MW-66	Duplicate MW-66	MW-67	MW-68	MW-69	MW-70	MW-71	MW-72	MW-43	MW-47	MW-50
				Sample Date:	11/6/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/6/2024	11/6/2024	11/8/2024
				Program:	Area #1	Area #2	Area #2	Area #2	Area #2	Area #2	Area #2	Area #2	Area #2	Area #2	Area #2	Area #3	Area #3	Poly Pale
Volatile Organic Compounds; Method 8260B (continued)																		
Methylacrylonitrile	0.19	NS	1.04		< 10.0 U	***1000***	< 10.0 U	< 50.0 U	< 100 U	< 10.0 U	***692***	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 100 U
Methyl-tert-butylether	14	NS	40		< 5.00 U	< 25.0 U	< 5.00 U	< 25.0 U	< 50.0 U	< 5.00 U	< 25.0 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 50.0 U
n-Propylbenzene	66	NS	243.33		< 1.00 U	**64**	< 1.00 U	**36.5**	**32.1**	**31**	**51.6**	**0.674 J**	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
o-Xylene	0.019	NS	12.17		< 0.00100 U	0.0082	< 0.00100 U	***0.0227***	0.0177	0.00282	0.0132	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.0100 U
Propionitrile	NS	NS	NS		< 10.0 U	< 50.0 U	< 10.0 U	< 50.0 U	< 100 U	< 10.0 U	< 50.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 100 U
Styrene (Monomer)	120	100	100		< 1.00 U	< 5.00 U	< 1.00 U	< 5.00 U	< 10.0 U	< 1.00 U	< 5.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
Tetrachloroethene	4.1	5	5		< 1.00 U	< 5.00 U	< 1.00 U	< 5.00 U	< 10.0 U	< 1.00 U	< 5.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
Tetrahydrofuran	340	NS	NS		< 10.0 U	< 50.0 U	< 10.0 U	< 50.0 U	< 100 U	< 10.0 U	< 50.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	***1290***
Toluene	110	1000	1000		< 1.00 U	**40.6**	< 1.00 U	**46.3**	**35.8**	**3.76**	**29.9**	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	***118***
Total Xylenes	19	10000	10000		< 10.0 U	***91.7***	< 10.0 U	***479***	***479***	***27***	***638***	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 100 U
trans-1,2-Dichloroethene	6.8	100	100		< 1.00 U	< 5.00 U	< 1.00 U	< 5.00 U	< 10.0 U	< 1.00 U	< 5.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 10.0 U
trans-1,3-Dichloropropene	NS	NS	NS		< 5.00 U	< 25.0 U	< 5.00 U	< 25.0 U	< 50.0 U	< 5.00 U	< 25.0 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 50.0 U
trans-1,4-Dichloro-2-butene	0.0013	NS	NS		< 10.0 U	< 50.0 U	< 10.0 U	< 50.0 U	< 100 U	< 10.0 U	< 50.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 100 U
Trichloroethene	0.28	5	5		< 5.00 U	< 25.0 U	< 5.00 U	< 25.0 U	< 50.0 U	< 5.00 U	< 25.0 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 50.0 U
Vinyl acetate	41	NS	412.12		< 20.0 U	< 100 U*1	< 20.0 U*1	< 100 U*1	< 200 U	< 20.0 U*1	< 100 U*1	< 20.0 U*1	< 20.0 U*1	< 20.0 U*1	< 20.0 U*1	< 20.0 U	< 20.0 U	< 200 U
Vinyl chloride	0.019	2	2		< 2.00 U	< 10.0 U	< 2.00 U	< 10.0 U	< 20.0 U	< 2.00 U	< 10.0 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 20.0 U
Semivolatile Organic Compounds; Method 8270D																		
1,1-Biphenyl	0.083	NS	304.17		< 0.570 U	< 0.570 U	< 0.572 U	***0.231 J***	***0.238 J***	< 0.570 U	***0.229 J***	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	***0.324 J***	< 0.568 U	***4070***
1,2,4,5-Tetrachlorobenzene	0.017	NS	10.95		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
1,2,4-Trichlorobenzene	0.4	70	70		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
1,2-Dichlorobenzene	30	600	600		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	0.121 J	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	**0.278 J**
1,3,5-Trinitrobenzene	59	NS	1095		< 0.570 U*+	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
1,3-Dichlorobenzene	NS	NS	5.48		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
1,3-Dinitrobenzene	0.2	NS	3.65		< 0.570 U*+	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
1,4-Dichlorobenzene	0.48	75	75		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
1,4-Dioxane	0.46	NS	6.09		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	***6.91***	***18.9***	***5.27***
1,4-Naphthoquinone	NS	NS	NS		< 0.570 U*+	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
1-Naphthylamine	NS	NS	NS		< 0.570 U	**4.85 I**	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
2,2-Oxybis(1-Chloropropane)	71	NS	0.26		< 2.85 U	< 2.85 U*+	< 2.86 U*+	< 2.85 U*+	< 2.84 U*+	< 2.85 U*+	< 2.88 U	< 2.86 U*+	< 2.84 U*+	< 2.85 U*+	< 2.84 U*+	< 2.84 U	< 2.84 U	< 2.86 U
2,3,4,6-Tetrachlorophenol	24	NS	1095		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
2,4,5-Trichlorophenol	120	NS	3650		< 0.570 U*+	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
2,4,6-Trichlorophenol	1.2	NS	6.09		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
2,4-Dichlorophenol	4.6	NS	109.5		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
2,4-Dimethylphenol	36	NS	730		< 0.570 U*+	**2.38 *+**	< 0.572 U*+	**1.37 *+**	**1.35 *+**	< 0.570 U*+	**2.9**	< 0.571 U*+	< 0.568 U*+	< 0.570 U*+	< 0.569 U*+	< 0.568 U*+	< 0.568 U*+	< 0.572 U*+
2,4-Dinitrophenol	3.9	NS	73		< 2.85 U	< 2.85 U	< 2.86 U	< 2.85 U	< 2.84 U	< 2.85 U	< 2.88 U	< 2.86 U	< 2.84 U	< 2.85 U	< 2.84 U	< 2.84 U	< 2.84 U	< 2.86 U
2,4-Dinitrotoluene	0.24	NS	73		< 0.570 U*+	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
2,6-Dichlorophenol	NS	NS	NS		< 0.570 U	< 0.570 U	< 0.572 U	**0.205 J**	**0.219 J**	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
2,6-Dinitrotoluene	0.049	NS	36.5		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
2-Acetylaminofluorene	0.016	NS	NS		< 2.85 U*+	< 2.85 U*+	< 2.86 U*+	< 2.85 U	< 2.84 U*+	< 2.85 U	< 2.88 U*+	< 2.86 U*+	< 2.84 U*+	< 2.85 U*+	< 2.84 U*+	< 2.84 U	< 2.84 U	< 2.86 U
2-Chloronaphthalene	75	NS	486.67		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
2-Chlorophenol	9.1	NS	30.42		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
2-Methyl-4,6-dinitrophenol	0.15	NS	3.65		< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U
2-Methylnaphthalene	3.6	NS	121.67		< 0.570 U	***66.9***	< 0.572 U	***51.2***	***43.9***	***22.7***	***84.6***	**0.842**	< 0.568 U	< 0.570 U	**0.346 J**	**0.219 J**	< 0.568 U	**2.0**
2-Methylphenol	93	NS	1825.00		< 0.570 U	< 0.570 U	< 0.572 U	**0.452 J**	**0.421 J**	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	**0.681**
2-Naphthylamine	0.039	NS	NS		< 0.570 U*+	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
2-Nitroaniline	19	NS	0.42		< 0.570 U*+	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
2-Nitrophenol	NS	NS	0.42		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
2-Picoline	NS	NS	NS		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
3,3-Dichlorobenzidine	0.13	NS	0.15		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
3,3-Dimethylbenzidine	0.0021	NS	0.00728		< 0.570 U*+	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
3-Methylchloranthrene	0.0011	NS	NS		< 0.570 U*+	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
3-Methylphenol, 4-Methylphenol	NS	NS	NS		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	**0.634**	< 0.568 U	**3.86**
3-Nitroaniline	NS	NS	NS		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U

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Groundwater Analytical Results - Alluvial Aquifer
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Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	MW-129-D	MW-64	MW-65	MW-66	Duplicate MW-66	MW-67	MW-68	MW-69	MW-70	MW-71	MW-72	MW-43	MW-47	MW-50
				Sample Date:	11/6/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/6/2024	11/6/2024	11/8/2024
				Program:	Area #1	Area #2	Area #2	Area #2	Area #2	Area #2	Area #2	Area #2	Area #2	Area #2	Area #2	Area #3	Area #3	Poly Pale
Semivolatile Organic Compounds; Method 8270D (continued)																		
4-Aminobiphenyl	0.003	NS	NS		< 0.570 U*+	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
4-Bromophenyl phenyl ether	NS	NS	NS		< 0.570 U*+	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
4-Chloro-3-Methylphenol	140	NS	73000		< 0.570 U*+	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
4-Chlorophenyl phenyl ether	NS	NS	NS		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
4-Dimethylaminoazobenzene	0.005	NS	NS		< 0.570 U*+	< 0.570 U*+	< 0.572 U*+	< 0.571 U*+	< 0.568 U*+	< 0.570 U*+	< 0.576 U	< 0.571 U*+	< 0.568 U*+	< 0.570 U*+	< 0.569 U*+	< 0.568 U	< 0.568 U	< 0.572 U
4-Nitroaniline	3.8	NS	NS		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
4-Nitroquinoline-N-Oxide	NS	NS	NS		< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U
5-Nitro-o-Toluidine	8.2	NS	2.03		< 1.14 U*+	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U
7,12-Dimethylbenz(a)anthracene	0.0001	NS	NS		< 0.570 U*+	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Acenaphthene	53	NS	365		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	0.117 J	< 0.568 U	< 0.570 U	< 0.569 U	**3.72**	< 0.568 U	< 0.572 U
Acenaphthylene	NS	NS	2190		< 0.570 U*+	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	**0.220 J**
Acetophenone[1]	190	NS	NS		< 1.14 U*+	**14.0 I**	< 1.14 U	**7.02 I**	**5.35 I**	**2.30 I**	**8.63 I**	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	**2.06**
Aniline	13	NS	11.75		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Anthracene	180	NS	43.4		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Aramite	1.3	NS	NS		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Aramite Peak 1	NS	NS	NS		< 0.570 U*+	< 0.570 U*+	< 0.572 U*+	< 0.571 U*+	< 0.568 U*+	< 0.570 U*+	< 0.576 U	< 0.571 U*+	< 0.568 U*+	< 0.570 U*+	< 0.569 U*+	< 0.568 U	< 0.568 U	< 0.572 U
Aramite Peak 2	NS	NS	NS		< 0.570 U*+	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Benz(a)anthracene	0.03	NS	0.09		< 0.0285 U*+	< 0.0285 U	< 0.0286 U	< 0.0285 U	< 0.0284 U	< 0.0285 U	< 0.0288 U	< 0.0286 U	< 0.0284 U	< 0.0285 U	< 0.0284 U	< 0.0284 U	< 0.0284 U	< 0.0286 U
Benzo(a)pyrene	0.025	0.2	0.2		< 0.0570 U	< 0.0570 U	< 0.0572 U	< 0.0571 U	< 0.0568 U	< 0.0570 U	< 0.0576 U	< 0.0571 U	< 0.0568 U	< 0.0570 U	< 0.0569 U	< 0.0568 U	< 0.0568 U	< 0.0572 U
Benzo(b)fluoranthene	0.25	NS	0.09		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Benzo(g,h,i)perylene	NS	NS	1095		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Benzo(k)fluoranthene	2.5	NS	0.92		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Benzyl Alcohol	200	NS	10950		< 1.14 U	< 1.14 U*-	< 1.14 U*-	< 1.14 U*-	< 1.14 U*-	< 1.14 U*-	< 1.15 U	< 1.14 U*-	< 1.14 U*-	< 1.14 U*-	< 1.14 U*-	< 1.14 U*-	< 1.14 U*-	**1.38 I*-**
bis(2-Chloroethoxy)methane	5.9	NS	NS		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
bis(2-Chloroethyl)ether	0.014	NS	0.009202		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U*+	< 0.568 U*+	< 0.572 U*+
bis(2-Ethylhexyl)phthalate	5.6	6	6		< 1.14 U*+	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U
Butyl benzyl phthalate	16	NS	2690		< 1.14 U*+	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U
Chrysene	25	NS	9.17		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Diallate	0.54	NS	NS		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Diallate Peak 1	NS	NS	NS		< 0.570 U*+	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Diallate Peak 2	NS	NS	NS		< 0.570 U*+	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Dibenz(a,h)anthracene	0.025	NS	0.00917		< 0.114 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.115 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.114 U
Dibenzofuran	0.79	NS	24.33		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	**0.392 J**	< 0.568 U	***6.44***
Diethyl phthalate	1500	NS	29200		< 1.14 U*+	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U
Dimethoate	4.4	NS	NS		< 0.570 U*+	< 0.570 U*+	< 0.572 U*+	< 0.571 U*+	< 0.568 U*+	< 0.570 U*+	< 0.576 U*+	< 0.571 U*+	< 0.568 U*+	< 0.570 U*+	< 0.569 U*+	< 0.568 U*+	< 0.568 U*+	< 0.572 U*+
Dimethyl phthalate	NS	NS	365000		< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.15 U	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+
Dimethylphenethylamine	NS	NS	NS		< 5.70 U*-*1	< 5.70 U*-*1	< 5.72 U*-*1	< 5.71 U*-*1	< 5.68 U*-*1	< 5.70 U*-*1	< 5.76 U*-	< 5.71 U*-*1	< 5.68 U*-*1	< 5.70 U*-*1	< 5.69 U*-*1	< 5.68 U	< 5.68 U	< 5.72 U
Di-n-butyl phthalate	90	NS	3650		< 1.14 U*+	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U
Di-n-octyl phthalate	20	NS	20		< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U	< 1.14 U	**2.16**	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U
Dinoseb	1.5	7	7		< 2.85 U*+	< 2.85 U*+	< 2.86 U*+	< 2.85 U*+	< 2.84 U*+	< 2.85 U*+	< 2.88 U	< 2.86 U*+	< 2.84 U*+	< 2.85 U*+	< 2.84 U*+	< 2.84 U*+	< 2.84 U*+	< 2.86 U*+
Diphenyl ether	0.083	NS	NS		< 0.570 U	***1.06 I***	< 0.572 U	***0.712 I***	***0.682 I***	***0.465 JI***	< 0.576 U	***0.157 JI***	***0.0925 JI***	***0.332 J***	< 0.569 U	***1.21***	***0.140 J***	***13100***
Disulfoton	0.05	NS	1.46		< 0.570 U*+	< 0.570 U*+	< 0.572 U*+	< 0.571 U*+	< 0.568 U*+	< 0.570 U*+	< 0.576 U*+	< 0.571 U*+	< 0.568 U*+	< 0.570 U*+	< 0.569 U*+	< 0.568 U*+	< 0.568 U*+	< 0.572 U*+
Ethyl Methanesulfonate	NS	NS	NS		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Famphur	NS	NS	NS		< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.15 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+
Fluoranthene	80	NS	1460		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Fluorene	29	NS	243.33		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	**1.35**	< 0.568 U	**0.258 J**
Hexachloro-1,3-butadiene	0.14	NS	0.86		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Hexachlorobenzene	0.0098	1	1		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Hexachlorocyclopentadiene	0.041	50	50		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Hexachloroethane	0.33	NS	4.78		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Hexachloropropene	NS	NS	NS		< 0.570 U*-	< 0.570 U*-	< 0.572 U*-	< 0.571 U*-	< 0.568 U*-	< 0.570 U*-	< 0.576 U	< 0.571 U*-	< 0.568 U*-	< 0.570 U*-	< 0.569 U*-	< 0.568 U*-	< 0.568 U*-	< 0.572 U*-
Indeno(1,2,3-cd)pyrene	0.25	NS	0.09174		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Isophorone	78	NS	70.5		< 0.570 U	< 0.570 U	< 0.572 U	**0.462 JI**	**0.368 J**	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U

Footnotes on Page 20.

Table 1
Groundwater Analytical Results - Alluvial Aquifer
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	MW-129-D	MW-64	MW-65	MW-66	Duplicate MW-66	MW-67	MW-68	MW-69	MW-70	MW-71	MW-72	MW-43	MW-47	MW-50
				Sample Date:	11/6/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/6/2024	11/6/2024	11/8/2024
				Program:	Area #1	Area #2	Area #2	Area #2	Area #2	Area #2	Area #2	Area #2	Area #2	Area #2	Area #2	Area #3	Area #3	Poly Pale
Semivolatile Organic Compounds; Method 8270D (continued)																		
Isosafrole	NS	NS	NS		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Isosafrole Peak 1	NS	NS	NS		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Isosafrole Peak 2	NS	NS	NS		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Methapyrilene	NS	NS	NS		< 2.28 U*+	< 2.28 U*+	< 2.29 U*+	< 2.28 U*+	< 2.27 U*+	< 2.28 U*+	< 2.31 U*+	< 2.29 U*+	< 2.27 U*+	< 2.28 U*+	< 2.28 U*+	< 2.27 U*+	< 2.27 U*+	< 2.29 U*+
Methyl methanesulfonate	0.79	NS	NS		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Methyl parathion	0.45	NS	9.13		< 0.570 U*+	< 0.570 U*+	< 0.572 U*+	< 0.571 U*+	< 0.568 U*+	< 0.570 U*+	< 0.576 U*+	< 0.571 U*+	< 0.568 U*+	< 0.570 U*+	< 0.569 U*+	< 0.568 U*+	< 0.568 U*+	< 0.572 U*+
Naphthalene	0.12	NS	6.2		< 0.570 U	***449***	***0.145 J***	***306***	***290***	***245***	***551***	***3.11***	< 0.568 U	< 0.570 U	***1.86***	***2.17***	< 0.568 U	***22***
Nitrobenzene	0.14	NS	3.53		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
N-Nitrosodiethylamine	0.00017	NS	0.000446		< 1.14 U*+	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U
N-Nitrosodimethylamine	0.00011	NS	0.001313		< 0.570 U	< 0.570 U*-	< 0.572 U*-	< 0.571 U*-	< 0.568 U*-	< 0.570 U*-	< 0.576 U	< 0.571 U*-	< 0.568 U*-	< 0.570 U*-	< 0.569 U*-	< 0.568 U*-	< 0.568 U*-	< 0.572 U*-
N-Nitrosodi-n-butylamine	0.0027	NS	0.001894		< 1.14 U*+	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U
N-Nitrosodi-n-propylamine	0.011	NS	0.00957		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
N-Nitrosodiphenylamine	12	NS	13.67		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
N-Nitrosomorpholine	0.012	NS	NS		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
N-Nitroso-N-methylethylamine	0.00071	NS	0.00		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
N-Nitrosopiperidine	0.0082	NS	NS		< 1.14 U*+	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U
N-Nitrosopyrrolidine	0.037	NS	0.03		< 0.570 U	< 0.570 U*-*1	< 0.572 U*-*1	< 0.571 U*-*1	< 0.568 U*-*1	< 0.570 U*-*1	< 0.576 U*-	< 0.571 U*-*1	< 0.568 U*-*1	< 0.570 U*-*1	< 0.569 U*-*1	< 0.568 U*-	< 0.568 U*-	< 0.572 U*-
o,o,o-Triethyl phosphorothioate	NS	NS	NS		< 0.570 U*+	< 0.570 U*+	< 0.572 U*+	< 0.571 U*+	< 0.568 U*+	< 0.570 U*+	< 0.576 U*+	< 0.571 U*+	< 0.568 U*+	< 0.570 U*+	< 0.569 U*+	< 0.568 U*+	< 0.568 U*+	< 0.572 U*+
o,o-Diethyl o-pyrazinyl phosphorothioate	NS	NS	NS		< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.15 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+
o-Toluidine	4.7	NS	0.28		< 0.570 U*+	**0.346 J**	< 0.572 U	**1.03**	< 0.568 U	**0.739**	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Parathion	8.6	NS	219		< 0.228 U*+	< 0.228 U*+	< 0.229 U*+	< 0.228 U*+	< 0.227 U*+	< 0.228 U*+	< 0.231 U*+	< 0.229 U*+	< 0.227 U*+	< 0.228 U*+	< 0.228 U*+	< 0.227 U*+	< 0.227 U*+	< 0.229 U*+
p-Chloroaniline	0.37	NS	146		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	**0.0399 J**
Pentachlorobenzene	0.32	NS	29.20		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Pentachloronitrobenzene	0.12	NS	0.26		< 0.570 U*+	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Pentachlorophenol	0.041	1	1		< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U	< 1.14 U
Phenacetin	34	NS	NS		< 0.570 U*+	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Phenanthrene	NS	NS	1095		< 0.570 U*+	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Phenol	580	NS	21900		< 2.85 U	**2.72 JB**	< 2.86 U	< 2.85 U	**0.512 JIB**	< 2.85 U	**1.21 JIB**	< 2.86 U	< 2.84 U	**0.914 JB**	< 2.84 U	< 2.84 U	< 2.84 U	**3.65 I**
Phorate	0.3	NS	NS		< 0.570 U*+	< 0.570 U*+	< 0.572 U*+	< 0.571 U*+	< 0.568 U*+	< 0.570 U*+	< 0.576 U*+	< 0.571 U*+	< 0.568 U*+	< 0.570 U*+	< 0.569 U*+	< 0.568 U*+	< 0.568 U*+	< 0.572 U*+
p-Phenylenediamine	2	NS	6935		< 1.14 U	< 1.14 U*-*1	< 1.14 U*-*1	< 1.14 U*-*1	< 1.14 U*-*1	< 1.14 U*-*1	< 1.15 U	< 1.14 U*-*1	< 1.14 U*-*1	< 1.14 U*-*1	< 1.14 U*-*1	< 1.14 U*-	< 1.14 U*-	< 1.14 U*-
Propyzamide	120	NS	NS		< 0.570 U*+	< 0.570 U*+	< 0.572 U*+	< 0.571 U*+	< 0.568 U*+	< 0.570 U*+	< 0.576 U*+	< 0.571 U*+	< 0.568 U*+	< 0.570 U*+	< 0.569 U*+	< 0.568 U*+	< 0.568 U*+	< 0.572 U*+
Pyrene	12	NS	182.5		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Pyridine	2	NS	36.5		< 2.85 U*1	< 2.85 U	< 2.86 U	***13.1 I***	< 2.84 U	< 2.85 U	< 57.6 U	< 2.86 U	< 2.84 U	< 2.85 U	< 2.84 U	< 2.84 U*-	< 2.84 U*-	< 2.86 U*-
Safrole	0.096	NS	NS		< 0.570 U	< 0.570 U	< 0.572 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.576 U	< 0.571 U	< 0.568 U	< 0.570 U	< 0.569 U	< 0.568 U	< 0.568 U	< 0.572 U
Sulfotep	0.71	NS	NS		< 0.570 U*+	< 0.570 U*+	< 0.572 U*+	< 0.571 U*+	< 0.568 U*+	< 0.570 U*+	< 0.576 U*+	< 0.571 U*+	< 0.568 U*+	< 0.570 U*+	< 0.569 U*+	< 0.568 U*+	< 0.568 U*+	< 0.572 U*+

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Table 1
Groundwater Analytical Results - Alluvial Aquifer
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	MW-52D	MW-52S	MW-54	MW-73	Duplicate MW-73	MW-75	MW-39	MW-79	MW-85	MW-86	MW-87
				Sample Date:	11/8/2024	11/8/2024	11/8/2024	11/8/2024	11/8/2024	11/8/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024
				Program:	Poly Pale	Poly Pale	Poly Pale	Poly Pale	Poly Pale	Poly Pale	Northeast Delineation	Northeast Delineation	Northeast Delineation	Northeast Delineation	Northeast Delineation
Volatile Organic Compounds; Method 8260B															
1,1,1,2-Tetrachloroethane	0.57	NS	0.41		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1,1-Trichloroethane	800	200	200		< 5.00 U	< 5.00 U	< 5.00 U	< 2500 U	< 50.0 U	< 5.00 U	< 50.0 U	< 50.0 U	< 5.00 U	< 5.00 U	< 5.00 U
1,1,2,2-Tetrachloroethane	0.076	NS	0.05		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1,2-trichloro-1,2,2-trifluoroethane	1000	NS	59375.79		< 10.0 U*+	< 10.0 U*+	< 10.0 U*+	< 5000 U*+	< 100 U*+	< 10.0 U*+	< 100 U	< 100 U	< 10.0 U	< 10.0 U	< 10.0 U
1,1,2-Trichloroethane	0.041	5	5		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1-Dichloroethane	2.8	NS	798.44		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1-Dichloroethene	0.82	7	7		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2,3-Trichloropropane	0.00075	NS	0.00623		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2,4-Trimethylbenzene	5.6	NS	12.33		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2-Dibromo-3-chloropropane	0.00033	0.2	0.20		< 5.00 U	< 5.00 U	< 5.00 U	< 2500 U	< 50.0 U	< 5.00 U	< 50.0 U	< 50.0 U	< 5.00 U	< 5.00 U	< 5.00 U
1,2-Dibromoethane	0.0075	0.05	0.05		< 5.00 U	< 5.00 U	< 5.00 U	< 2500 U	< 50.0 U	< 5.00 U	< 50.0 U	< 50.0 U	< 5.00 U	< 5.00 U	< 5.00 U
1,2-Dichloroethane	0.17	5	5		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2-Dichloropropane	0.82	5	5		< 5.00 U	< 5.00 U	< 5.00 U	< 2500 U	< 50.0 U	< 5.00 U	< 50.0 U	< 50.0 U	< 5.00 U	< 5.00 U	< 5.00 U
1,3,5-Trimethylbenzene	6	NS	12.33		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
1,3-Butadiene	0.071	NS	0.00696		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
2,2,4-Trimethylpentane	NS	NS	NS		< 5.00 U	< 5.00 U	< 5.00 U*+	< 2500 U*+	< 50.0 U*+	< 5.00 U*+	< 50.0 U	< 50.0 U	< 5.00 U	< 5.00 U	< 5.00 U
2-Butanone (MEK)	560	NS	1906.09		< 50.0 U	< 50.0 U	< 50.0 U	< 25000 U	< 500 U	< 50.0 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 50.0 U
2-Chlor-1,3-Butadiene	0.0068	NS	14.31		< 5.00 U	< 5.00 U	< 5.00 U	< 2500 U	< 50.0 U	< 5.00 U	< 50.0 U	< 50.0 U	< 5.00 U	< 5.00 U	< 5.00 U
2-Methyl-1-propanol	73	NS	1825		< 50.0 U	< 50.0 U	< 50.0 U	< 25000 U	< 500 U	< 50.0 U	< 500 U*1	< 500 U*1	< 50.0 U*1	< 50.0 U*1	< 50.0 U*1
4-Methyl-2-Pentanone	630	NS	139.05		< 50.0 U	< 50.0 U	< 50.0 U	< 25000 U	**63.1 J**	< 50.0 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 50.0 U
Acetone	1800	NS	608.33		< 100 U	< 100 U	< 100 U	< 50000 U	**706 J**	< 100 U	< 1000 U	< 1000 U	< 100 U	< 100 U	< 100 U
Acetonitrile	13	NS	125.14		< 100 U	< 100 U	< 100 U	< 50000 U	< 1000 U	< 100 U	< 1000 U	< 1000 U	< 100 U	< 100 U	< 100 U
Acrolein	0.0042	NS	0.0416		< 50.0 U	< 50.0 U	< 50.0 U	< 25000 U	< 500 U	< 50.0 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 50.0 U
Acrylonitrile	0.052	NS	0.0367		< 50.0 U	< 50.0 U	< 50.0 U	< 25000 U	< 500 U	< 50.0 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 50.0 U
Allyl chloride	0.21	NS	NS		< 5.00 U	< 5.00 U	< 5.00 U	< 2500 U	< 50.0 U	< 5.00 U	< 50.0 U	< 50.0 U	< 5.00 U	< 5.00 U	< 5.00 U
Benzene	0.46	5	5		***5.57***	***25.6***	< 1.00 U	***49900***	< 10.0 U	< 1.00 U	***5.33 J***	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
Benzyl Chloride	0.089	NS	0.06		< 5.00 U	< 5.00 U	< 5.00 U	< 2500 U	< 50.0 U	< 5.00 U	< 50.0 U	< 50.0 U	< 5.00 U	< 5.00 U	< 5.00 U
Bromodichloromethane	0.13	80	0.17		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
Bromoform	3.3	80	8.48		< 5.00 U	< 5.00 U	< 5.00 U	< 2500 U	< 50.0 U	< 5.00 U	< 50.0 U	< 50.0 U	< 5.00 U	< 5.00 U	< 5.00 U
Bromomethane	0.75	NS	8.52		< 5.00 U	< 5.00 U	< 5.00 U	< 2500 U	< 50.0 U	< 5.00 U	< 50.0 U*1	< 50.0 U*1	< 5.00 U*1	< 5.00 U*1	< 5.00 U*1
Carbon Disulfide	81	NS	1042.86		< 5.00 U	< 5.00 U	< 5.00 U	< 2500 U	< 50.0 U	< 5.00 U	< 50.0 U	< 50.0 U	< 5.00 U	< 5.00 U	< 5.00 U
Carbon Tetrachloride	0.46	5	5		< 5.00 U	< 5.00 U	< 5.00 U	< 2500 U	< 50.0 U	***1.25 J***	< 50.0 U	< 50.0 U	< 5.00 U	< 5.00 U	< 5.00 U
CFC-11	520	NS	1288.24		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
CFC-12	20	NS	347.62		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
Chlorobenzene	7.8	100	100		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	***11.2***	***8.81 J***	< 1.00 U	< 1.00 U	< 1.00 U
Chlorodibromomethane	0.87	80	0.13		< 5.00 U	< 5.00 U	< 5.00 U	< 2500 U	< 50.0 U	< 5.00 U	< 50.0 U	< 50.0 U	< 5.00 U	< 5.00 U	< 5.00 U
Chloroethane	830	NS	3.64		< 10.0 U	< 10.0 U	< 10.0 U	< 5000 U	< 100 U	< 10.0 U	< 100 U	< 100 U	< 10.0 U	< 10.0 U	< 10.0 U
Chloroform	0.22	80	0.15		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
Chloromethane	19	NS	1.43		< 10.0 U	< 10.0 U	< 10.0 U	< 5000 U	< 100 U	< 10.0 U	< 100 U	< 100 U	< 10.0 U	< 10.0 U	< 10.0 U
cis-1,2-Dichloroethene	2.5	70	70		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
cis-1,3-Dichloropropene	NS	NS	NS		< 5.00 U	< 5.00 U	< 5.00 U	< 2500 U	< 50.0 U	< 5.00 U	< 50.0 U	< 50.0 U	< 5.00 U	< 5.00 U	< 5.00 U
Cyclohexane	1300	NS	NS		< 5.00 U	< 5.00 U	< 5.00 U	< 2500 U	< 50.0 U	< 5.00 U	< 50.0 U	< 50.0 U	< 5.00 U	< 5.00 U	< 5.00 U
Dibromomethane	0.83	NS	60.83		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
Dichloromethane	11	5	5		< 5.00 U	< 5.00 U	< 5.00 U	< 2500 U	< 50.0 U	< 5.00 U	< 50.0 U	< 50.0 U	< 5.00 U	< 5.00 U	< 5.00 U
Ethyl Methacrylate	63	NS	547.5		< 5.00 U	< 5.00 U	< 5.00 U	< 2500 U	< 50.0 U	< 5.00 U	< 50.0 U	< 50.0 U	< 5.00 U	< 5.00 U	< 5.00 U
Ethylbenzene	1.5	700	700		0.583 J	0.791 J	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
Hexane	150	NS	350.18		< 5.00 U*+	< 5.00 U*+	< 5.00 U*+	< 2500 U*+	< 50.0 U*+	< 5.00 U*+	< 50.0 U	< 50.0 U	< 5.00 U	< 5.00 U	< 5.00 U
Iodomethane	NS	NS	NS		< 20.0 U	< 20.0 U	< 20.0 U	< 10000 U	< 200 U	< 20.0 U	< 200 U	< 200 U	< 20.0 U	< 20.0 U	< 20.0 U
Isopropyl alcohol	41	NS	NS		< 10.0 U	< 10.0 U	< 10.0 U	< 5000 U	< 100 U	< 10.0 U	< 100 U*+	< 100 U*+	< 10.0 U*+	< 10.0 U*+	< 10.0 U*+
Isopropylbenzene	45	NS	679.07		**7.54**	**8.17**	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
m&p-Xylenes	NS	NS	NS		< 0.0100 U	< 0.0100 U	< 0.0100 U	< 5.00 U	< 0.100 U	< 0.0100 U	< 0.100 U	< 0.100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U
Methyl methacrylate	140	NS	1419.44		< 10.0 U	< 10.0 U	< 10.0 U	< 5000 U	< 100 U	< 10.0 U	< 100 U	< 100 U	< 10.0 U	< 10.0 U	< 10.0 U
Methyl N-Butyl Ketone (2-Hexanone)	3.8	NS	1460		< 50.0 U	< 50.0 U	< 50.0 U	< 25000 U	< 500 U	< 50.0 U	< 500 U	< 500 U	< 50.0 U	< 50.0 U	< 50.0 U

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Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	MW-52D	MW-52S	MW-54	MW-73	Duplicate MW-73	MW-75	MW-39	MW-79	MW-85	MW-86	MW-87
				Sample Date:	11/8/2024	11/8/2024	11/8/2024	11/8/2024	11/8/2024	11/8/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024
				Program:	Poly Pale	Poly Pale	Poly Pale	Poly Pale	Poly Pale	Poly Pale	Northeast Delineation	Northeast Delineation	Northeast Delineation	Northeast Delineation	Northeast Delineation
Volatile Organic Compounds; Method 8260B (continued)															
Methylacrylonitrile	0.19	NS	1.04		< 10.0 U	< 10.0 U	< 10.0 U	< 5000 U	< 100 U	< 10.0 U	< 100 U	< 100 U	< 10.0 U	< 10.0 U	< 10.0 U
Methyl-tert-butylether	14	NS	40		< 5.00 U	< 5.00 U	< 5.00 U	< 2500 U	< 50.0 U	< 5.00 U	< 50.0 U	< 50.0 U	< 5.00 U	2.12 J	< 5.00 U
n-Propylbenzene	66	NS	243.33		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
o-Xylene	0.019	NS	12.17		< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.500 U	< 0.0100 U	< 0.00100 U	< 0.0100 U	< 0.0100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U
Propionitrile	NS	NS	NS		< 10.0 U	< 10.0 U	< 10.0 U	< 5000 U	< 100 U	< 10.0 U	< 100 U	< 100 U	< 10.0 U	< 10.0 U	< 10.0 U
Styrene (Monomer)	120	100	100		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
Tetrachloroethene	4.1	5	5		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
Tetrahydrofuran	340	NS	NS		< 10.0 U	< 10.0 U	< 10.0 U	< 5000 U	***1170***	< 10.0 U	< 100 U	< 100 U	< 10.0 U	< 10.0 U	< 10.0 U
Toluene	110	1000	1000		< 1.00 U	< 1.00 U	< 1.00 U	***879***	***1030***	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
Total Xylenes	19	10000	10000		< 10.0 U	< 10.0 U	< 10.0 U	< 5000 U	< 100 U	< 10.0 U	< 100 U	< 100 U	< 10.0 U	< 10.0 U	< 10.0 U
trans-1,2-Dichloroethene	6.8	100	100		< 1.00 U	< 1.00 U	< 1.00 U	< 500 U	< 10.0 U	< 1.00 U	< 10.0 U	< 10.0 U	< 1.00 U	< 1.00 U	< 1.00 U
trans-1,3-Dichloropropene	NS	NS	NS		< 5.00 U	< 5.00 U	< 5.00 U	< 2500 U	< 50.0 U	< 5.00 U	< 50.0 U	< 50.0 U	< 5.00 U	< 5.00 U	< 5.00 U
trans-1,4-Dichloro-2-butene	0.0013	NS	NS		< 10.0 U	< 10.0 U	< 10.0 U	< 5000 U	< 100 U	< 10.0 U	< 100 U	< 100 U	< 10.0 U	< 10.0 U	< 10.0 U
Trichloroethene	0.28	5	5		< 5.00 U	< 5.00 U	< 5.00 U	< 2500 U	< 50.0 U	< 5.00 U	< 50.0 U	< 50.0 U	< 5.00 U	< 5.00 U	< 5.00 U
Vinyl acetate	41	NS	412.12		< 20.0 U	< 20.0 U	< 20.0 U	< 10000 U	< 200 U	< 20.0 U	< 200 U	< 200 U	< 20.0 U	< 20.0 U	< 20.0 U
Vinyl chloride	0.019	2	2		< 2.00 U	< 2.00 U	< 2.00 U	< 1000 U	< 20.0 U	< 2.00 U	< 20.0 U	< 20.0 U	< 2.00 U	< 2.00 U	< 2.00 U
Semivolatile Organic Compounds; Method 8270D															
1,1-Biphenyl	0.083	NS	304.17		***7.69***	***0.239 J***	< 0.574 U	***2220***	***2260***	***0.439 J***	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
1,2,4,5-Tetrachlorobenzene	0.017	NS	10.95		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
1,2,4-Trichlorobenzene	0.4	70	70		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
1,2-Dichlorobenzene	30	600	600		< 0.571 U	< 0.567 U	< 0.574 U	**0.177 J**	**0.164 J**	< 0.567 U	**0.371 J**	**0.344 J**	< 0.571 U	< 0.577 U	**0.142 J**
1,3,5-Trinitrobenzene	59	NS	1095		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
1,3-Dichlorobenzene	NS	NS	5.48		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
1,3-Dinitrobenzene	0.2	NS	3.65		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
1,4-Dichlorobenzene	0.48	75	75		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	0.417 J	0.356 J	< 0.571 U	< 0.577 U	**0.145 J**
1,4-Dioxane	0.46	NS	6.09		***1.18***	***1.42***	< 0.574 U	***5.07 I***	***5.36 I***	< 0.567 U	***4.51***	***3.15***	**0.122 JI**	**0.272 J**	***1.93***
1,4-Naphthoquinone	NS	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
1-Naphthylamine	NS	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
2,2-Oxybis(1-Chloropropane)	71	NS	0.26		< 2.86 U	< 2.83 U	< 2.87 U	< 2.83 U	< 2.80 U	< 2.83 U	< 2.88 U*+	< 2.85 U*+	< 2.86 U*+	< 2.89 U*+	< 2.86 U*+
2,3,4,6-Tetrachlorophenol	24	NS	1095		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
2,4,5-Trichlorophenol	120	NS	3650		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
2,4,6-Trichlorophenol	1.2	NS	6.09		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
2,4-Dichlorophenol	4.6	NS	109.5		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
2,4-Dimethylphenol	36	NS	730		< 0.571 U*+	< 0.567 U*+	< 0.574 U*+	< 0.566 U*+	< 0.560 U*+	< 0.567 U*+	< 0.576 U*+	< 0.571 U*+	< 0.571 U*+	< 0.577 U*+	< 0.571 U*+
2,4-Dinitrophenol	3.9	NS	73		< 2.86 U	< 2.83 U	< 2.87 U	< 2.83 U	< 2.80 U	< 2.83 U	< 2.88 U	< 2.85 U	< 2.86 U	**0.675 JI**	< 2.86 U
2,4-Dinitrotoluene	0.24	NS	73		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
2,6-Dichlorophenol	NS	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
2,6-Dinitrotoluene	0.049	NS	36.5		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
2-Acetylaminofluorene	0.016	NS	NS		< 2.86 U	< 2.83 U	< 2.87 U	< 2.83 U	< 2.80 U	< 2.83 U	< 2.88 U	< 2.85 U*+	< 2.86 U	< 2.89 U	< 2.86 U
2-Chloronaphthalene	75	NS	486.67		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
2-Chlorophenol	9.1	NS	30.42		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
2-Methyl-4,6-dinitrophenol	0.15	NS	3.65		< 1.14 U	< 1.13 U	< 1.15 U	< 1.13 U	< 1.12 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U
2-Methylnaphthalene	3.6	NS	121.67		< 0.571 U	**0.197 JI**	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
2-Methylphenol	93	NS	1825.00		< 0.571 U	< 0.567 U	< 0.574 U	**11.5**	**12**	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
2-Naphthylamine	0.039	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
2-Nitroaniline	19	NS	0.42		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
2-Nitrophenol	NS	NS	0.42		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
2-Picoline	NS	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
3,3-Dichlorobenzidine	0.13	NS	0.15		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
3,3-Dimethylbenzidine	0.0021	NS	0.00728		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
3-Methylchloranthrene	0.0011	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
3-Methylphenol, 4-Methylphenol	NS	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	**21.5**	**16.0 J**	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
3-Nitroaniline	NS	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U

Footnotes on Page 20.

Table 1
Groundwater Analytical Results - Alluvial Aquifer
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	MW-52D	MW-52S	MW-54	MW-73	Duplicate MW-73	MW-75	MW-39	MW-79	MW-85	MW-86	MW-87
				Sample Date:	11/8/2024	11/8/2024	11/8/2024	11/8/2024	11/8/2024	11/8/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024
				Program:	Poly Pale	Poly Pale	Poly Pale	Poly Pale	Poly Pale	Poly Pale	Northeast Delineation	Northeast Delineation	Northeast Delineation	Northeast Delineation	Northeast Delineation
Semivolatile Organic Compounds; Method 8270D (continued)															
4-Aminobiphenyl	0.003	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
4-Bromophenyl phenyl ether	NS	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
4-Chloro-3-Methylphenol	140	NS	73000		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
4-Chlorophenyl phenyl ether	NS	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
4-Dimethylaminoazobenzene	0.005	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U*+	< 0.571 U*+	< 0.571 U*+	< 0.577 U*+	< 0.571 U*+
4-Nitroaniline	3.8	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
4-Nitroquinoline-N-Oxide	NS	NS	NS		< 1.14 U	< 1.13 U	< 1.15 U	< 1.13 U	< 1.12 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U
5-Nitro-o-Toluidine	8.2	NS	2.03		< 1.14 U	< 1.13 U	< 1.15 U	< 1.13 U	< 1.12 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U
7,12-Dimethylbenz(a)anthracene	0.0001	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Acenaphthene	53	NS	365		**1.92**	**1.79**	< 0.574 U	**0.199 J**	**0.175 JI**	< 0.567 U	**0.316 J**	**0.542 J**	< 0.571 U	< 0.577 U	0.111 J
Acenaphthylene	NS	NS	2190		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Acetophenone[(1)]	190	NS	NS		< 1.14 U	< 1.13 U	< 1.15 U	**8.65**	**8.45**	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U
Aniline	13	NS	11.75		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	**0.135 JI**	< 0.571 U	< 0.571 U	< 0.577 U	**0.0759 JI**
Anthracene	180	NS	43.4		0.0984 J	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Aramite	1.3	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Aramite Peak 1	NS	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U*+	< 0.571 U*+	< 0.571 U*+	< 0.577 U*+	< 0.571 U*+
Aramite Peak 2	NS	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Benz(a)anthracene	0.03	NS	0.09		< 0.0286 U	< 0.0283 U	< 0.0287 U	< 0.0283 U	< 0.0280 U	< 0.0283 U	< 0.0288 U	< 0.0285 U	< 0.0286 U	< 0.0289 U	< 0.0286 U
Benzo(a)pyrene	0.025	0.2	0.2		< 0.0571 U	< 0.0567 U	< 0.0574 U	< 0.0566 U	< 0.0560 U	< 0.0567 U	< 0.0576 U	< 0.0571 U	< 0.0571 U	< 0.0577 U	< 0.0571 U
Benzo(b)fluoranthene	0.25	NS	0.09		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Benzo(g,h,i)perylene	NS	NS	1095		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Benzo(k)fluoranthene	2.5	NS	0.92		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Benzyl Alcohol	200	NS	10950		**1.17 I*-**	**1.60 I*-**	< 1.15 U*-	**13.2 I*-**	**14.2 I*-**	< 1.13 U*-	< 1.15 U*-	< 1.14 U*-	< 1.14 U*-	< 1.15 U*-	< 1.14 U*-
bis(2-Chloroethoxy)methane	5.9	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
bis(2-Chloroethyl)ether	0.014	NS	0.009202		< 0.571 U*+	< 0.567 U*+	< 0.574 U*+	< 0.566 U*+	< 0.560 U*+	< 0.567 U*+	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
bis(2-Ethylhexyl)phthalate	5.6	6	6		< 1.14 U	< 1.13 U	< 1.15 U	< 1.13 U	< 1.12 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U
Butyl benzyl phthalate	16	NS	2690		< 1.14 U	< 1.13 U	< 1.15 U	< 1.13 U	< 1.12 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U
Chrysene	25	NS	9.17		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Diallate	0.54	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Diallate Peak 1	NS	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Diallate Peak 2	NS	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Dibenz(a,h)anthracene	0.025	NS	0.00917		< 0.114 U	< 0.113 U	< 0.115 U	< 0.113 U	< 0.112 U	< 0.113 U	< 0.115 U	< 0.114 U	< 0.114 U	< 0.115 U	< 0.114 U
Dibenzofuran	0.79	NS	24.33		**0.178 J**	**0.136 J**	< 0.574 U	***3.84***	***3.31***	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Diethyl phthalate	1500	NS	29200		< 1.14 U	< 1.13 U	< 1.15 U	< 1.13 U	< 1.12 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U
Dimethoate	4.4	NS	NS		< 0.571 U*+	< 0.567 U*+	< 0.574 U*+	< 0.566 U*+	< 0.560 U*+	< 0.567 U*+	< 0.576 U*+	< 0.571 U*+	< 0.571 U*+	< 0.577 U*+	< 0.571 U*+
Dimethyl phthalate	NS	NS	365000		< 1.14 U*+	< 1.13 U*+	< 1.15 U*+	< 1.13 U*+	< 1.12 U*+	< 1.13 U*+	< 1.15 U*+	< 1.14 U*+	< 1.14 U*+	< 1.15 U*+	< 1.14 U*+
Dimethylphenethylamine	NS	NS	NS		< 5.71 U	< 5.67 U	< 5.74 U	< 5.66 U	< 5.60 U	< 5.67 U	< 5.76 U*-*1	< 5.71 U*-*1	< 5.71 U*-*1	< 5.77 U*-*1	< 5.71 U*-*1
Di-n-butyl phthalate	90	NS	3650		< 1.14 U	< 1.13 U	< 1.15 U	< 1.13 U	< 1.12 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U
Di-n-octyl phthalate	20	NS	20		< 1.14 U	< 1.13 U	< 1.15 U	< 1.13 U	< 1.12 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U
Dinoseb	1.5	7	7		< 2.86 U*+	< 2.83 U*+	< 2.87 U*+	< 2.83 U*+	< 2.80 U*+	< 2.83 U*+	< 2.88 U*+	< 2.85 U*+	< 2.86 U*+	< 2.89 U*+	< 2.86 U*+
Diphenyl ether	0.083	NS	NS		***2180***	***2080***	***0.498 J***	***7280***	***7080***	***1.5***	***405***	***530***	< 0.571 U	***9.08***	***116***
Disulfoton	0.05	NS	1.46		< 0.571 U*+	< 0.567 U*+	< 0.574 U*+	< 0.566 U*+	< 0.560 U*+	< 0.567 U*+	< 0.576 U*+	< 0.571 U*+	< 0.571 U*+	< 0.577 U*+	< 0.571 U*+
Ethyl Methanesulfonate	NS	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Famphur	NS	NS	NS		< 1.14 U*+	< 1.13 U*+	< 1.15 U*+	< 1.13 U*+	< 1.12 U*+	< 1.13 U*+	< 1.15 U*+	< 1.14 U*+	< 1.14 U*+	< 1.15 U*+	< 1.14 U*+
Fluoranthene	80	NS	1460		**0.532 J**	**0.370 J**	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Fluorene	29	NS	243.33		**0.824**	**0.665**	< 0.574 U	**0.211 J**	**0.208 J**	< 0.567 U	**0.141 J**	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Hexachloro-1,3-butadiene	0.14	NS	0.86		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Hexachlorobenzene	0.0098	1	1		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Hexachlorocyclopentadiene	0.041	50	50		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Hexachloroethane	0.33	NS	4.78		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Hexachloropropene	NS	NS	NS		< 0.571 U*-	< 0.567 U*-	< 0.574 U*-	< 0.566 U*-	< 0.560 U*-	< 0.567 U*-	< 0.576 U*-	< 0.571 U*-	< 0.571 U*-	< 0.577 U*-	< 0.571 U*-
Indeno(1,2,3-cd)pyrene	0.25	NS	0.09174		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Isophorone	78	NS	70.5		< 0.571 U	< 0.567 U	< 0.574 U	**2.16 I**	**2.07 I**	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U

Footnotes on Page 20.

Table 1
Groundwater Analytical Results - Alluvial Aquifer
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	MW-52D	MW-52S	MW-54	MW-73	Duplicate MW-73	MW-75	MW-39	MW-79	MW-85	MW-86	MW-87
				Sample Date:	11/8/2024	11/8/2024	11/8/2024	11/8/2024	11/8/2024	11/8/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024	11/5/2024
				Program:	Poly Pale	Poly Pale	Poly Pale	Poly Pale	Poly Pale	Poly Pale	Northeast Delineation	Northeast Delineation	Northeast Delineation	Northeast Delineation	Northeast Delineation
Semivolatile Organic Compounds; Method 8270D (continued)															
Isosafrole	NS	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Isosafrole Peak 1	NS	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Isosafrole Peak 2	NS	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Methapyrilene	NS	NS	NS		< 2.29 U*+	< 2.27 U*+	< 2.30 U*+	< 2.26 U*+	< 2.24 U*+	< 2.27 U*+	< 2.31 U*+	< 2.28 U*+	< 2.29 U*+	< 2.31 U*+	< 2.29 U*+
Methyl methanesulfonate	0.79	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Methyl parathion	0.45	NS	9.13		< 0.571 U*+	< 0.567 U*+	< 0.574 U*+	< 0.566 U*+	< 0.560 U*+	< 0.567 U*+	< 0.576 U*+	< 0.571 U*+	< 0.571 U*+	< 0.577 U*+	< 0.571 U*+
Naphthalene	0.12	NS	6.2		***0.481 J***	***1.18***	< 0.574 U	***19.8***	***18.4***	< 0.567 U	***0.225 J***	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Nitrobenzene	0.14	NS	3.53		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
N-Nitrosodiethylamine	0.00017	NS	0.000446		< 1.14 U	< 1.13 U	< 1.15 U	< 1.13 U	< 1.12 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U
N-Nitrosodimethylamine	0.00011	NS	0.001313		< 0.571 U*-	< 0.567 U*-	< 0.574 U*-	< 0.566 U*-	< 0.560 U*-	< 0.567 U*-	< 0.576 U*-	< 0.571 U*-	< 0.571 U*-	< 0.577 U*-	< 0.571 U*-
N-Nitrosodi-n-butylamine	0.0027	NS	0.001894		< 1.14 U	< 1.13 U	< 1.15 U	< 1.13 U	***0.585 JI***	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U
N-Nitrosodi-n-propylamine	0.011	NS	0.00957		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
N-Nitrosodiphenylamine	12	NS	13.67		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
N-Nitrosomorpholine	0.012	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
N-Nitroso-N-methylethylamine	0.00071	NS	0.00		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
N-Nitrosopiperidine	0.0082	NS	NS		< 1.14 U	< 1.13 U	< 1.15 U	< 1.13 U	< 1.12 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U
N-Nitrosopyrrolidine	0.037	NS	0.03		< 0.571 U*-	< 0.567 U*-	< 0.574 U*-	< 0.566 U*-	< 0.560 U*-	< 0.567 U*-	< 0.576 U*-*1	< 0.571 U*-*1	< 0.571 U*-*1	< 0.577 U*-*1	< 0.571 U*-*1
o,o,o-Triethyl phosphorothioate	NS	NS	NS		< 0.571 U*+	< 0.567 U*+	< 0.574 U*+	< 0.566 U*+	< 0.560 U*+	< 0.567 U*+	**0.313 J*+**	**0.589 *+**	< 0.571 U*+	< 0.577 U*+	< 0.571 U*+
o,o-Diethyl o-pyrazinyl phosphorothioate	NS	NS	NS		< 1.14 U*+	< 1.13 U*+	< 1.15 U*+	< 1.13 U*+	< 1.12 U*+	< 1.13 U*+	< 1.15 U*+	< 1.14 U*+	< 1.14 U*+	< 1.15 U*+	< 1.14 U*+
o-Toluidine	4.7	NS	0.28		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Parathion	8.6	NS	219		< 0.229 U*+	< 0.227 U*+	< 0.230 U*+	< 0.226 U*+	< 0.224 U*+	< 0.227 U*+	< 0.231 U*+	< 0.228 U*+	< 0.229 U*+	< 0.231 U*+	< 0.229 U*+
p-Chloroaniline	0.37	NS	146		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Pentachlorobenzene	0.32	NS	29.20		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Pentachloronitrobenzene	0.12	NS	0.26		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Pentachlorophenol	0.041	1	1		< 1.14 U	< 1.13 U	< 1.15 U	< 1.13 U	< 1.12 U	< 1.13 U	< 1.15 U	< 1.14 U	< 1.14 U	< 1.15 U	< 1.14 U
Phenacetin	34	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Phenanthrene	NS	NS	1095		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Phenol	580	NS	21900		**7.92 I**	**8.38 I**	< 2.87 U	**83.7**	**100 J**	< 2.83 U	**3.75 IB**	**3.26 B**	< 2.86 U	< 2.89 U	**1.72 JIB**
Phorate	0.3	NS	NS		< 0.571 U*+	< 0.567 U*+	< 0.574 U*+	< 0.566 U*+	< 0.560 U*+	< 0.567 U*+	< 0.576 U*+	< 0.571 U*+	< 0.571 U*+	< 0.577 U*+	< 0.571 U*+
p-Phenylenediamine	2	NS	6935		< 1.14 U*-	< 1.13 U*-	< 1.15 U*-	< 1.13 U*-	< 1.12 U*-	< 1.13 U*-	< 1.15 U*-*1	< 1.14 U*-*1	< 1.14 U*-*1	< 1.15 U*-*1	< 1.14 U*-*1
Propyzamide	120	NS	NS		< 0.571 U*+	< 0.567 U*+	< 0.574 U*+	< 0.566 U*+	< 0.560 U*+	< 0.567 U*+	< 0.576 U*+	< 0.571 U*+	< 0.571 U*+	< 0.577 U*+	< 0.571 U*+
Pyrene	12	NS	182.5		**0.229 J**	**0.184 J**	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Pyridine	2	NS	36.5		< 2.86 U*-	< 2.83 U*-	< 2.87 U*-	< 2.83 U*-	< 2.80 U*-	< 2.83 U*-	< 2.88 U	< 2.85 U	< 2.86 U	< 2.89 U	< 2.86 U
Safrole	0.096	NS	NS		< 0.571 U	< 0.567 U	< 0.574 U	< 0.566 U	< 0.560 U	< 0.567 U	< 0.576 U	< 0.571 U	< 0.571 U	< 0.577 U	< 0.571 U
Sulfotep	0.71	NS	NS		< 0.571 U*+	< 0.567 U*+	< 0.574 U*+	< 0.566 U*+	< 0.560 U*+	< 0.567 U*+	< 0.576 U*+	< 0.571 U*+	< 0.571 U*+	< 0.577 U*+	< 0.571 U*+

Notes:

(1) MDEQ has indicated that the published TRG for acetophenone is incorrect and that the U.S. Environmental Protection Agency Regional Screening Level should be used; therefore, the MDEQ TRG is shown as "NS."

* LCS or LCS duplicate is outside acceptance limits.

*- LCS and/or LCS duplicate is outside acceptance limits, low biased.

*+ LCS and/or LCS duplicate is outside acceptance limits, high biased.

*1 LCS/LCS duplicate relative percent difference exceeds control limits.

Results are reported in micrograms per liter.

Detections are in **bold** print.

Concentrations above MDEQ Groundwater TRG are shaded gray.

Concentrations above USEPA Tapwater RSL are ***red and italic font*** .

Concentrations above USEPA MCL are **underlined**.

< / U - Indicates analyte was analyzed for but not detected.

B - Compound was found in the blank and sample.

F1 - Matrix spike and/or matrix spike duplicate recovery outside of acceptance limits.

F2 - Matrix spike/Matrix spike duplicate relative percent difference exceeds control limits.

H - Sample was prepped or analyzed beyond the specified holding time.

J - Result is less than the reporting limit but greater than or equal to the method detection limit. Concentration is an approximate value.

Abbreviations:

LCS - Laboratory control sample.
MCL - Maximum Contaminant Level.
MDEQ - Mississippi Department of Environmental Quality.
NS - No Standard.
RSL - Regional Screening Level.
TRG - Target Remediation Goal.
USEPA - U.S. Environmental Protection Agency.

Table 2
Surface Water Analytical Results - Greens Creek
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	CM-00	CM-01	CM-02	CM-03	CM-04	CM-05
				Sample Date:	11/12/2024	11/12/2024	11/12/2024	11/12/2024	11/12/2024	11/12/2024
Volatile Organic Compounds; Method 8260B										
1,1,1,2-Tetrachloroethane	0.57	NS	0.41		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1,1-Trichloroethane	800	200	200		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
1,1,2,2-Tetrachloroethane	0.076	NS	0.05		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1,2-trichloro-1,2,2-trifluoroethane	1000	NS	59375.79		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
1,1,2-Trichloroethane	0.041	5	5		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1-Dichloroethane	2.8	NS	798.44		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1-Dichloroethene	0.82	7	7		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2,3-Trichloropropane	0.00075	NS	0.00623		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2,4-Trimethylbenzene	5.6	NS	12.33		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2-Dibromo-3-chloropropane	0.00033	0.2	0.2		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
1,2-Dibromoethane	0.0075	0.05	0.05		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
1,2-Dichloroethane	0.17	5	5		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2-Dichloropropane	0.82	5	5		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
1,3,5-Trimethylbenzene	6	NS	12.33		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,3-Butadiene	0.071	NS	0.00696		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
2,2,4-Trimethylpentane	NS	NS	NS		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
2-Butanone (MEK)	560	NS	1906.09		< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U
2-Chlor-1,3-Butadiene	0.0068	NS	14.31		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
2-Methyl-1-propanol	73	NS	1825		< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U
4-Methyl-2-Pentanone	630	NS	139.05		< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U
Acetone	1800	NS	608.33		< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U
Acetonitrile	13	NS	125.14		< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U
Acrolein	0.0042	NS	0.0416		< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U
Acrylonitrile	0.052	NS	0.0367		< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U
Allyl chloride	0.21	NS	NS		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Benzene	0.46	5	5		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Benzyl Chloride	0.089	NS	0.06		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Bromodichloromethane	0.13	80	0.17		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Bromoform	3.3	80	8.48		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Bromomethane	0.75	NS	8.52		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Carbon Disulfide	81	NS	1042.86		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Carbon Tetrachloride	0.46	5	5		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
CFC-11	520	NS	1288.24		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
CFC-12	20	NS	347.62		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 UF1
Chlorobenzene	7.8	100	100		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Chlorodibromomethane	0.87	80	0.13		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Chloroethane	830	NS	3.64		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
Chloroform	0.22	80	0.15		***0.494 J***	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	***0.508 J***
Chloromethane	19	NS	1.43		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
cis-1,2-Dichloroethene	2.5	70	70		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U

Footnotes on Page 5.

Table 2
Surface Water Analytical Results - Greens Creek
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	CM-00	CM-01	CM-02	CM-03	CM-04	CM-05
				Sample Date:	11/12/2024	11/12/2024	11/12/2024	11/12/2024	11/12/2024	11/12/2024
Volatile Organic Compounds; Method 8260B (continued)										
cis-1,3-Dichloropropene	NS	NS	NS		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Cyclohexane	1300	NS	NS		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Dibromomethane	0.83	NS	60.83		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Dichloromethane	11	5	5.00		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Ethyl Methacrylate	63	NS	547.50		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Ethylbenzene	1.5	700	700		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Hexane	150	NS	350.18		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Iodomethane	NS	NS	NS		< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U
Isopropyl alcohol	41	NS	NS		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 UF1
Isopropylbenzene	45	NS	679.07		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
m&p-Xylenes	NS	NS	NS		< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U
Methyl methacrylate	140	NS	1419.44		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
Methyl N-Butyl Ketone (2-Hexanone)	3.8	NS	1460		< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U
Methylacrylonitrile	0.19	NS	1.04		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
Methyl-tert-butylether	14	NS	40		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
n-Propylbenzene	66	NS	243.33		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
o-Xylene	0.019	NS	12.17		< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U
Propionitrile	NS	NS	NS		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
Styrene (Monomer)	120	100	100		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Tetrachloroethene	4.1	5	5		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Tetrahydrofuran	340	NS	NS		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
Toluene	110	1000	1000		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Total Xylenes	19	10000	10000		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
trans-1,2-Dichloroethene	6.8	100	100		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
trans-1,3-Dichloropropene	NS	NS	NS		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
trans-1,4-Dichloro-2-butene	0.0013	NS	NS		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
Trichloroethene	0.28	5	5		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Vinyl acetate	41	NS	412.12		< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U
Vinyl chloride	0.019	2	2		< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U
Semivolatile Organic Compounds; Method 8270D										
1,1-Biphenyl	0.083	NS	304.17		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
1,2,4,5-Tetrachlorobenzene	0.017	NS	10.95		< 0.571 U*-	< 0.573 U*-	< 0.567 U*-	< 0.567 U*-	< 0.570 U*-	< 0.569 U*-
1,2,4-Trichlorobenzene	0.4	70	70		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
1,2-Dichlorobenzene	30	600	600		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
1,3,5-Trinitrobenzene	59	NS	1095		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
1,3-Dichlorobenzene	NS	NS	5.48		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
1,3-Dinitrobenzene	0.2	NS	3.65		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
1,4-Dichlorobenzene	0.48	75	75		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
1,4-Dioxane	0.46	NS	6.09		**0.240 J**	***5.11***	***0.571***	***0.789***	***47***	***34.6***
1,4-Naphthoquinone	NS	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U

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Table 2
Surface Water Analytical Results - Greens Creek
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	CM-00	CM-01	CM-02	CM-03	CM-04	CM-05
				Sample Date:	11/12/2024	11/12/2024	11/12/2024	11/12/2024	11/12/2024	11/12/2024
Semivolatile Organic Compounds Method 8270D (continued)										
1-Naphthylamine	NS	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
2,2-Oxybis(1-Chloropropane)	71	NS	0.26		< 2.86 U	< 2.87 U	< 2.84 U	< 2.84 U	< 2.85 U	< 2.84 U
2,3,4,6-Tetrachlorophenol	24	NS	1095		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
2,4,5-Trichlorophenol	120	NS	3650		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
2,4,6-Trichlorophenol	1.2	NS	6.09		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
2,4-Dichlorophenol	4.6	NS	109.5		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
2,4-Dimethylphenol	36	NS	730		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
2,4-Dinitrophenol	3.9	NS	73		< 2.86 U	< 2.87 U	< 2.84 U	< 2.84 U	< 2.85 U	< 2.84 U
2,4-Dinitrotoluene	0.24	NS	73		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
2,6-Dichlorophenol	NS	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
2,6-Dinitrotoluene	0.049	NS	36.50		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
2-Acetylaminofluorene	0.016	NS	NS		< 2.86 U*+	< 2.87 U*+	< 2.84 U*+	< 2.84 U*+	< 2.85 U*+	< 2.84 U*+
2-Chloronaphthalene	75	NS	486.67		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
2-Chlorophenol	9.1	NS	30.42		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
2-Methyl-4,6-dinitrophenol	0.15	NS	3.65		< 1.14 U	< 1.15 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.14 U
2-Methylnaphthalene	3.6	NS	121.67		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
2-Methylphenol	93	NS	1825.00		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
2-Naphthylamine	0.039	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
2-Nitroaniline	19	NS	0.42		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
2-Nitrophenol	NS	NS	0.42		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
2-Picoline	NS	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
3,3-Dichlorobenzidine	0.13	NS	0.15		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
3,3-Dimethylbenzidine	0.0021	NS	0.01		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
3-Methylchloranthrene	0.0011	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
3-Methylphenol, 4-Methylphenol	NS	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
3-Nitroaniline	NS	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
4-Aminobiphenyl	0.003	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
4-Bromophenyl phenyl ether	NS	NS	NS		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
4-Chloro-3-Methylphenol	140	NS	73000		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
4-Chlorophenyl phenyl ether	NS	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
4-Dimethylaminoazobenzene	0.005	NS	NS		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
4-Nitroaniline	3.8	NS	NS		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
4-Nitroquinoline-N-Oxide	NS	NS	NS		< 1.14 U*+	< 1.15 U*+	< 1.13 U*+	< 1.13 U*+	< 1.14 U*+	< 1.14 U*+
5-Nitro-o-Toluidine	8.2	NS	2.03		< 1.14 U	< 1.15 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.14 U
7,12-Dimethylbenz(a)anthracene	0.0001	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Acenaphthene	53	NS	365		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Acenaphthylene	NS	NS	2190		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Acetophenone[(1)]	190	NS	NS		< 1.14 U	< 1.15 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.14 U
Aniline	13	NS	11.75		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Anthracene	180	NS	43.4		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U

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Table 2
Surface Water Analytical Results - Greens Creek
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	CM-00	CM-01	CM-02	CM-03	CM-04	CM-05
				Sample Date:	11/12/2024	11/12/2024	11/12/2024	11/12/2024	11/12/2024	11/12/2024
Semivolatile Organic Compounds Method 8270D (continued)										
Aramite	1.3	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Benz(a)anthracene	0.03	NS	0.09		< 0.0286 U	< 0.0287 U	< 0.0284 U	< 0.0284 U	< 0.0285 U	< 0.0284 U
Benzo(a)pyrene	0.025	0.2	0.20		< 0.0571 U	< 0.0573 U	< 0.0567 U	< 0.0567 U	< 0.0570 U	< 0.0569 U
Benzo(b)fluoranthene	0.25	NS	0.09		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Benzo(g,h,i)perylene	NS	NS	1095		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Benzo(k)fluoranthene	2.5	NS	0.92		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Benzyl Alcohol	200	NS	10950		< 1.14 U	< 1.15 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.14 U
bis(2-Chloroethoxy)methane	5.9	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
bis(2-Chloroethyl)ether	0.014	NS	0.01		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
bis(2-Ethylhexyl)phthalate	5.6	6	6.00		< 1.14 U	< 1.15 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.14 U
Butyl benzyl phthalate	16	NS	2690.00		< 1.14 U	< 1.15 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.14 U
Chrysene	25	NS	9.17		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Diallate	0.54	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Dibenz(a,h)anthracene	0.025	NS	0.01		< 0.114 U	< 0.115 U	< 0.113 U	< 0.113 U	< 0.114 U	< 0.114 U
Dibenzofuran	0.79	NS	24.33		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
Diethyl phthalate	1500	NS	29200		< 1.14 U	< 1.15 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.14 U
Dimethoate	4.4	NS	NS		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
Dimethyl phthalate	NS	NS	365000		< 1.14 U*+	< 1.15 U*+	< 1.13 U*+	< 1.13 U*+	< 1.14 U*+	< 1.14 U*+
Dimethylphenethylamine	NS	NS	NS		< 5.71 U*-*1	< 5.73 U*-*1	< 5.67 U*-*1	< 5.67 U*-*1	< 5.70 U*-*1	< 5.69 U*-*1
Di-n-butyl phthalate	90	NS	3650		< 1.14 U*+	< 1.15 U*+	< 1.13 U*+	< 1.13 U*+	< 1.14 U*+	< 1.14 U*+
Di-n-octyl phthalate	20	NS	20		< 1.14 U	< 1.15 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.14 U
Dinoseb	1.5	7	7		< 2.86 U*+	< 2.87 U*+	< 2.84 U*+	< 2.84 U*+	< 2.85 U*+	< 2.84 U*+
Diphenyl ether	0.083	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	***0.841***	***0.784***	***0.237 J***
Disulfoton	0.05	NS	1.46		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
Ethyl Methanesulfonate	NS	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Famphur	NS	NS	NS		< 1.14 U*+	< 1.15 U*+	< 1.13 U*+	< 1.13 U*+	< 1.14 U*+	< 1.14 U*+
Fluoranthene	80	NS	1460.00		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Fluorene	29	NS	243.33		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Hexachloro-1,3-butadiene	0.14	NS	0.86		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Hexachlorobenzene	0.0098	1	1		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Hexachlorocyclopentadiene	0.041	50	50		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Hexachloroethane	0.33	NS	4.78		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Hexachloropropene	NS	NS	NS		< 0.571 U*-	< 0.573 U*-	< 0.567 U*-	< 0.567 U*-	< 0.570 U*-	< 0.569 U*-
Indeno(1,2,3-cd)pyrene	0.25	NS	0.0917		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Isophorone	78	NS	70.5		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Isosafrole	NS	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Isosafrole Peak 1	NS	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Isosafrole Peak 2	NS	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Methapyrilene	NS	NS	NS		< 2.29 U*+	< 2.29 U*+	< 2.27 U*+	< 2.27 U*+	< 2.28 U*+	< 2.28 U*+
Methyl methanesulfonate	0.79	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U

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Table 2
Surface Water Analytical Results - Greens Creek
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	USEPA Tapwater RSL	USEPA MCL	MDEQ Groundwater TRG	Location:	CM-00	CM-01	CM-02	CM-03	CM-04	CM-05
				Sample Date:	11/12/2024	11/12/2024	11/12/2024	11/12/2024	11/12/2024	11/12/2024
Semivolatile Organic Compounds Method 8270D (continued)										
Methyl parathion	0.45	NS	9.13		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
Naphthalene	0.12	NS	6.2		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Nitrobenzene	0.14	NS	3.53		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
N-Nitrosodiethylamine	0.00017	NS	0.000446		< 1.14 U	< 1.15 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.14 U
N-Nitrosodimethylamine	0.00011	NS	0.001313		< 0.571 U*-	< 0.573 U*-	< 0.567 U*-	< 0.567 U*-	< 0.570 U*-	< 0.569 U*-
N-Nitrosodi-n-butylamine	0.0027	NS	0.001894		< 1.14 U*+	< 1.15 U*+	< 1.13 U*+	< 1.13 U*+	< 1.14 U*+	< 1.14 U*+
N-Nitrosodi-n-propylamine	0.011	NS	0.009567		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
N-Nitrosodiphenylamine	12	NS	13.67		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
N-Nitrosomorpholine	0.012	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
N-Nitroso-N-methylethylamine	0.00071	NS	0.003044		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
N-Nitrosopiperidine	0.0082	NS	NS		< 1.14 U	< 1.15 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.14 U
N-Nitrosopyrrolidine	0.037	NS	0.0319		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
o,o,o-Triethyl phosphorothioate	NS	NS	NS		< 0.571 U*+*-*1	< 0.573 U*+*-*1	< 0.567 U*+*-*1	**0.952 *+*-*1**	**4.34 *+*-*1**	**3.44 *+*-*1**
o,o-Diethyl o-pyrazinyl phosphorothioate	NS	NS	NS		< 1.14 U*+	< 1.15 U*+	< 1.13 U*+	< 1.13 U*+	< 1.14 U*+	< 1.14 U*+
o-Toluidine	4.7	NS	0.28		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Parathion	8.6	NS	219		< 0.229 U*+	< 0.229 U*+	< 0.227 U*+	< 0.227 U*+	< 0.228 U*+	< 0.228 U*+
p-Chloroaniline	0.37	NS	146		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Pentachlorobenzene	0.32	NS	29.2		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Pentachloronitrobenzene	0.12	NS	0.26		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
Pentachlorophenol	0.041	1	1.00		< 1.14 U	< 1.15 U	< 1.13 U	< 1.13 U	< 1.14 U	< 1.14 U
Phenacetin	34	NS	NS		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
Phenanthrene	NS	NS	1095		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
Phenol	580	NS	21900		< 2.86 U	< 2.87 U	< 2.84 U	< 2.84 U	< 2.85 U	< 2.84 U
Phorate	0.3	NS	NS		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
p-Phenylenediamine	2	NS	6935		< 1.14 U*-	< 1.15 U*-	< 1.13 U*-	< 1.13 U*-	< 1.14 U*-	< 1.14 U*-
Propyzamide	120	NS	NS		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	< 0.567 U*+	< 0.570 U*+	< 0.569 U*+
Pyrene	12	NS	182.5		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Pyridine	2	NS	36.5		< 2.86 U	< 2.87 U	< 2.84 U	< 2.84 U	< 2.85 U	< 2.84 U
Safrole	0.096	NS	NS		< 0.571 U	< 0.573 U	< 0.567 U	< 0.567 U	< 0.570 U	< 0.569 U
Sulfotep	0.71	NS	NS		< 0.571 U*+	< 0.573 U*+	< 0.567 U*+	**0.373 J*+**	< 0.570 U*+	< 0.569 U*+

Notes:

(1) MDEQ has indicated that the published TRG for acetophenone is incorrect and that the USEPA RSL should be used; therefore, the MDEQ TRG is shown as "NS."

* LCS or LCS duplicate is outside acceptance limits.

*- LCS and/or LCS duplicate is outside acceptance limits, low biased.

*+ LCS and/or LCS duplicate is outside acceptance limits, high biased.

*1 LCS/LCS duplicate relative percent difference exceeds control limits.

Results are reported in micrograms per liter.

Detections are in **bold** print.

Concentrations above MDEQ Groundwater TRG are shaded gray.

Concentrations above USEPA Tapwater RSL are ***red and italic font.***

Concentrations above USEPA MCL are **underlined**.

Abbreviations:

J - Result is less than the reporting limit but greater than or equal to the method detection limit. Concentration is an approximate value.

< / U - Indicates analyte was analyzed for but not detected.

LCS - Laboratory control sample.

MCL - Maximum Contaminant Level.

MDEQ - Mississippi Department of Environmental Quality.

NS - No Standard.

RSL - Regional Screening Level.

TRG - Target Remediation Goals.

USEPA - U.S. Environmental Protection Agency.

Table 3
Quality Assurance/Quality Control Analytical Results
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	Location:	FB-01	FB-02	FB-03	FB-04	RB-01	RB-02	RB-03	RB-04	TB-01	TB-02	TB-03	TB-04	TB-05	TB-06	TB-07	TB-08	TB-09
	Sample Date:	11/12/2024	11/7/2024	11/5/2024	11/8/2024	11/12/2024	11/6/2024	11/5/2024	11/8/2024	11/5/2024	11/6/2024	11/7/2024	11/8/2024	11/11/2024	11/11/2024	11/12/2024	11/13/2024	11/13/2024
Volatile Organic Compounds; Method 8260B																		
1,1,1,2-Tetrachloroethane		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1,1-Trichloroethane		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
1,1,2,2-Tetrachloroethane		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1,2-trichloro-1,2,2-trifluoroethane		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U*+	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U*+	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U*+	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
1,1,2-Trichloroethane		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1-Dichloroethane		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,1-Dichloroethene		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2,3-Trichloropropane		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2,4-Trimethylbenzene		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2-Dibromo-3-chloropropane		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
1,2-Dibromoethane		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
1,2-Dichloroethane		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,2-Dichloropropane		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
1,3,5-Trimethylbenzene		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
1,3-Butadiene		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
2,2,4-Trimethylpentane		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U*+	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U*+	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U*+	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
2-Butanone (MEK)		< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U
2-Chlor-1,3-Butadiene		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
2-Methyl-1-propanol		< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U
4-Methyl-2-Pentanone		< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U
Acetone		< 100 U	**14.0 J**	**12.3 J**	**15.6 J**	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U
Acetonitrile		< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U
Acrolein		< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U
Acrylonitrile		< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U
Allyl chloride		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Benzene		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Benzyl Chloride		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Bromodichloromethane		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Bromoform		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Bromomethane		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Carbon Disulfide		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Carbon Tetrachloride		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
CFC-11		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
CFC-12		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Chlorobenzene		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Chlorodibromomethane		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Chloroethane		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
Chloroform		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Chloromethane		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
cis-1,2-Dichloroethene		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
cis-1,3-Dichloropropene		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Cyclohexane		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Dibromomethane		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Dichloromethane		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	**3.83 J**	< 5.00 U	< 5.00 U	**2.69 J**	**2.87 J**	< 5.00 U	< 5.00 U	**1.94 J**	< 5.00 U
Ethyl Methacrylate		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U

Footnotes on Page 5.

Table 3
Quality Assurance/Quality Control Analytical Results
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	Location:	FB-01	FB-02	FB-03	FB-04	RB-01	RB-02	RB-03	RB-04	TB-01	TB-02	TB-03	TB-04	TB-05	TB-06	TB-07	TB-08	TB-09
	Sample Date:	11/12/2024	11/7/2024	11/5/2024	11/8/2024	11/12/2024	11/6/2024	11/5/2024	11/8/2024	11/5/2024	11/6/2024	11/7/2024	11/8/2024	11/11/2024	11/11/2024	11/12/2024	11/13/2024	11/13/2024
Volatile Organic Compounds; Method 8260B (continued)																		
Ethylbenzene		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Hexane		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U*+	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U*+	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U*+	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Iodomethane		< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U*+	< 20.0 U*+
Isopropyl alcohol		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U*+	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
Isopropylbenzene		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
m&p-Xylenes		< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U	< 0.0100 U
Methyl methacrylate		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
Methyl N-Butyl Ketone (2-Hexanone)		< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U	< 50.0 U
Methylacrylonitrile		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
Methyl-tert-butylether		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
n-Propylbenzene		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
o-Xylene		< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U	< 0.00100 U
Propionitrile		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
Styrene (Monomer)		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Tetrachloroethene		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Tetrahydrofuran		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
Toluene		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
Total Xylenes		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
trans-1,2-Dichloroethene		< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U
trans-1,3-Dichloropropene		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
trans-1,4-Dichloro-2-butene		< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U	< 10.0 U
Trichloroethene		< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U	< 5.00 U
Vinyl acetate		< 20.0 U	< 20.0 U	< 20.0 U*1	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U*1	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U	< 20.0 U
Vinyl chloride		< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U	< 2.00 U
Semivolatile Organic Compounds; Method 8270D																		
1,1-Biphenyl		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
1,2,4,5-Tetrachlorobenzene		--	--	--	--	< 0.571 U*-	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene		--	--	--	--	< 0.571 U*-	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
1,3,5-Trinitrobenzene		--	--	--	--	< 0.571 U	< 0.570 U*+	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
1,3-Dinitrobenzene		--	--	--	--	< 0.571 U	< 0.570 U*+	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
1,4-Dioxane		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
1,4-Naphthoquinone		--	--	--	--	< 0.571 U	< 0.570 U*+	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
1-Naphthylamine		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
2,2-Oxybis(1-Chloropropane)		--	--	--	--	< 2.85 U	< 2.85 U	< 2.85 U*+	< 2.84 U	--	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol		--	--	--	--	< 0.571 U	< 0.570 U*+	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
2,4-Dichlorophenol		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
2,4-Dimethylphenol		--	--	--	--	< 0.571 U*+	< 0.570 U*+	< 0.570 U*+	< 0.567 U*+	--	--	--	--	--	--	--	--	--
2,4-Dinitrophenol		--	--	--	--	< 2.85 U	< 2.85 U	< 2.85 U	< 2.84 U	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene		--	--	--	--	< 0.571 U	< 0.570 U*+	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
2,6-Dichlorophenol		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--

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Table 3
Quality Assurance/Quality Control Analytical Results
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	Location:	FB-01	FB-02	FB-03	FB-04	RB-01	RB-02	RB-03	RB-04	TB-01	TB-02	TB-03	TB-04	TB-05	TB-06	TB-07	TB-08	TB-09
	Sample Date:	11/12/2024	11/7/2024	11/5/2024	11/8/2024	11/12/2024	11/6/2024	11/5/2024	11/8/2024	11/5/2024	11/6/2024	11/7/2024	11/8/2024	11/11/2024	11/11/2024	11/12/2024	11/13/2024	11/13/2024
Semivolatile Organic Compounds; Method 8270D (continued)																		
2,6-Dinitrotoluene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
2-Acetylaminofluorene		--	--	--	--	< 2.85 U*+	< 2.85 U*+	< 2.85 U*+	< 2.84 U	--	--	--	--	--	--	--	--	--
2-Chloronaphthalene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
2-Chlorophenol		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
2-Methyl-4,6-dinitrophenol		--	--	--	--	< 1.14 U	< 1.14 U	< 1.14 U	< 1.13 U	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
2-Methylphenol		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
2-Naphthylamine		--	--	--	--	< 0.571 U	< 0.570 U*+	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
2-Nitroaniline		--	--	--	--	< 0.571 U	< 0.570 U*+	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
2-Nitrophenol		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
2-Picoline		--	--	--	--	< 0.571 U*-*1	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
3,3-Dichlorobenzidine		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
3,3-Dimethylbenzidine		--	--	--	--	< 0.571 U	< 0.570 U*+	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
3-Methylchloranthrene		--	--	--	--	< 0.571 U	< 0.570 U*+	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
3-Methylphenol, 4-Methylphenol		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
3-Nitroaniline		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
4-Aminobiphenyl		--	--	--	--	< 0.571 U	< 0.570 U*+	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether		--	--	--	--	< 0.571 U	< 0.570 U*+	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
4-Chloro-3-Methylphenol		--	--	--	--	< 0.571 U	< 0.570 U*+	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
4-Chlorophenyl phenyl ether		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
4-Dimethylaminoazobenzene		--	--	--	--	< 0.571 U	< 0.570 U*+	< 0.570 U*+	< 0.567 U	--	--	--	--	--	--	--	--	--
4-Nitroaniline		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
4-Nitroquinoline-N-Oxide		--	--	--	--	< 1.14 U	< 1.14 U	< 1.14 U	< 1.13 U	--	--	--	--	--	--	--	--	--
5-Nitro-o-Toluidine		--	--	--	--	< 1.14 U	< 1.14 U*+	< 1.14 U	< 1.13 U	--	--	--	--	--	--	--	--	--
7,12-Dimethylbenz(a)anthracene		--	--	--	--	< 0.571 U	< 0.570 U*+	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Acenaphthene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Acenaphthylene		--	--	--	--	< 0.571 U	< 0.570 U*+	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Acetophenone		--	--	--	--	< 1.14 U	< 1.14 U*+	< 1.14 U	< 1.13 U	--	--	--	--	--	--	--	--	--
Aniline		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Anthracene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Aramite		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Benz(a)anthracene		--	--	--	--	< 0.0285 U*+	< 0.0285 U*+	< 0.0285 U	< 0.0284 U	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene		--	--	--	--	< 0.0571 U	< 0.0570 U	< 0.0570 U	< 0.0567 U	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Benzyl Alcohol		--	--	--	--	< 1.14 U*-	< 1.14 U	< 1.14 U*-	< 1.13 U*-	--	--	--	--	--	--	--	--	--
bis(2-Chloroethoxy)methane		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
bis(2-Chloroethyl)ether		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U*+	--	--	--	--	--	--	--	--	--
bis(2-Ethylhexyl)phthalate		--	--	--	--	< 1.14 U	< 1.14 U*+	< 1.14 U	< 1.13 U	--	--	--	--	--	--	--	--	--
Butyl benzyl phthalate		--	--	--	--	< 1.14 U	< 1.14 U*+	< 1.14 U	< 1.13 U	--	--	--	--	--	--	--	--	--
Chrysene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Diallate		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene		--	--	--	--	< 0.114 U	< 0.114 U	< 0.114 U	< 0.113 U	--	--	--	--	--	--	--	--	--
Dibenzofuran		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Diethyl phthalate		--	--	--	--	< 1.14 U*+	< 1.14 U*+	< 1.14 U	< 1.13 U	--	--	--	--	--	--	--	--	--

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Table 3
Quality Assurance/Quality Control Analytical Results
Monthly Progress Report (December 2024)
Hercules Inc., Superfund Site
Hattiesburg, Mississippi

Analyte Name	Location:	FB-01	FB-02	FB-03	FB-04	RB-01	RB-02	RB-03	RB-04	TB-01	TB-02	TB-03	TB-04	TB-05	TB-06	TB-07	TB-08	TB-09
	Sample Date:	11/12/2024	11/7/2024	11/5/2024	11/8/2024	11/12/2024	11/6/2024	11/5/2024	11/8/2024	11/5/2024	11/6/2024	11/7/2024	11/8/2024	11/11/2024	11/11/2024	11/12/2024	11/13/2024	11/13/2024
Semivolatile Organic Compounds; Method 8270D (continued)																		
Dimethoate		--	--	--	--	< 0.571 U*+	< 0.570 U*+	< 0.570 U*+	< 0.567 U*+	--	--	--	--	--	--	--	--	--
Dimethyl phthalate		--	--	--	--	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.13 U*+	--	--	--	--	--	--	--	--	--
Dimethylphenethylamine		--	--	--	--	< 5.71 U*-*1	< 5.70 U*-*1	< 5.70 U*-*1	< 5.67 U	--	--	--	--	--	--	--	--	--
Di-n-butyl phthalate		--	--	--	--	< 1.14 U*+	< 1.14 U*+	< 1.14 U	< 1.13 U	--	--	--	--	--	--	--	--	--
Di-n-octyl phthalate		--	--	--	--	< 1.14 U	< 1.14 U	< 1.14 U	< 1.13 U	--	--	--	--	--	--	--	--	--
Dinoseb		--	--	--	--	< 2.85 U*+	< 2.85 U*+	< 2.85 U*+	< 2.84 U*+	--	--	--	--	--	--	--	--	--
Diphenyl ether		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Disulfoton		--	--	--	--	< 0.571 U*+	< 0.570 U*+	< 0.570 U*+	< 0.567 U*+	--	--	--	--	--	--	--	--	--
Ethyl Methanesulfonate		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Famphur		--	--	--	--	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.13 U*+	--	--	--	--	--	--	--	--	--
Fluoranthene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Fluorene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Hexachloro-1,3-butadiene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Hexachlorobenzene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Hexachloroethane		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Hexachloropropene		--	--	--	--	< 0.571 U*-	< 0.570 U*-	< 0.570 U*-	< 0.567 U*-	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Isophorone		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Isosafrole		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Isosafrole Peak 1		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Isosafrole Peak 2		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Methapyrilene		--	--	--	--	< 2.28 U*+	< 2.28 U*+	< 2.28 U*+	< 2.27 U*+	--	--	--	--	--	--	--	--	--
Methyl methanesulfonate		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Methyl parathion		--	--	--	--	< 0.571 U*+	< 0.570 U*+	< 0.570 U*+	< 0.567 U*+	--	--	--	--	--	--	--	--	--
Naphthalene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Nitrobenzene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
N-Nitrosodiethylamine		--	--	--	--	< 1.14 U	< 1.14 U*+	< 1.14 U	< 1.13 U	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine		--	--	--	--	< 0.571 U*-	< 0.570 U	< 0.570 U*-	< 0.567 U*-	--	--	--	--	--	--	--	--	--
N-Nitrosodi-n-butylamine		--	--	--	--	< 1.14 U	< 1.14 U*+	< 1.14 U	< 1.13 U	--	--	--	--	--	--	--	--	--
N-Nitrosodi-n-propylamine		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
N-Nitrosomorpholine		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
N-Nitroso-N-methylethylamine		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
N-Nitrosopiperidine		--	--	--	--	< 1.14 U	< 1.14 U*+	< 1.14 U	< 1.13 U	--	--	--	--	--	--	--	--	--
N-Nitrosopyrrolidine		--	--	--	--	< 0.571 U*-	< 0.570 U	< 0.570 U*-*1	< 0.567 U*-	--	--	--	--	--	--	--	--	--
o,o,o-Triethyl phosphorothioate		--	--	--	--	< 0.571 U*+	< 0.570 U*+	< 0.570 U*+	< 0.567 U*+	--	--	--	--	--	--	--	--	--
o,o-Diethyl o-pyrazinyl phosphorothioate		--	--	--	--	< 1.14 U*+	< 1.14 U*+	< 1.14 U*+	< 1.13 U*+	--	--	--	--	--	--	--	--	--
o-Toluidine		--	--	--	--	< 0.571 U	< 0.570 U*+	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Parathion		--	--	--	--	< 0.228 U*+	< 0.228 U*+	< 0.228 U*+	< 0.227 U*+	--	--	--	--	--	--	--	--	--
p-Chloroaniline		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Pentachlorobenzene		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Pentachloronitrobenzene		--	--	--	--	< 0.571 U*+	< 0.570 U*+	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Pentachlorophenol		--	--	--	--	< 1.14 U	< 1.14 U	< 1.14 U	< 1.13 U	--	--	--	--	--	--	--	--	--
Phenacetin		--	--	--	--	< 0.571 U	< 0.570 U*+	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Phenanthrene		--	--	--	--	< 0.571 U	< 0.570 U*+	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--

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	Sample Date:	11/12/2024	11/7/2024	11/5/2024	11/8/2024	11/12/2024	11/6/2024	11/5/2024	11/8/2024	11/5/2024	11/6/2024	11/7/2024	11/8/2024	11/11/2024	11/11/2024	11/12/2024	11/13/2024	11/13/2024
Semivolatile Organic Compounds; Method 8270D (continued)																		
Phenol		--	--	--	--	< 2.85 U	< 2.85 U	< 2.85 U	< 2.84 U	--	--	--	--	--	--	--	--	--
Phorate		--	--	--	--	< 0.571 U*+	< 0.570 U*+	< 0.570 U*+	< 0.567 U*+	--	--	--	--	--	--	--	--	--
p-Phenylenediamine		--	--	--	--	< 1.14 U*-*1	< 1.14 U	< 1.14 U*-*1	< 1.13 U*-	--	--	--	--	--	--	--	--	--
Propyzamide		--	--	--	--	< 0.571 U*+	< 0.570 U*+	< 0.570 U*+	< 0.567 U*+	--	--	--	--	--	--	--	--	--
Pyrene		--	--	--	--	< 0.571 U*+	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Pyridine		--	--	--	--	< 2.85 U*1	< 2.85 U*1	< 2.85 U	< 2.84 U*-	--	--	--	--	--	--	--	--	--
Safrole		--	--	--	--	< 0.571 U	< 0.570 U	< 0.570 U	< 0.567 U	--	--	--	--	--	--	--	--	--
Sulfotep		--	--	--	--	< 0.571 U*+	< 0.570 U*+	< 0.570 U*+	< 0.567 U*+	--	--	--	--	--	--	--	--	--

Notes:
Results are reported in micrograms per liter.
Detections are in **bold** print.
* LCS or LCS duplicate is outside acceptance limits.
*- LCS and/or LCS duplicate is outside acceptance limits, low biased.
*+ LCS and/or LCS duplicate is outside acceptance limits, high biased.
*1 LCS/LCS duplicate relative percent difference exceeds control limits.
< / U - Indicates analyte was analyzed for but not detected.
B - Compound found in blank and sample.
J - Result is less than the reporting limit but greater than or equal to the method detection limit.

Abbreviations:
FB - Field blank.
LCS - Laboratory control sample.
RB - Rinsate blank.
TB - Trip blank.