

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Savannah

5102 LaRoche Avenue

Savannah, GA 31404

Tel: (912)354-7858

TestAmerica Job ID: 680-70818-1

Client Project/Site: Hercules Hattiesburg APIX 7/27/11

For:

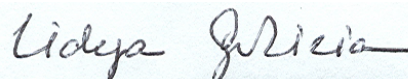
Ashland Inc.

Ashland Hercules Research Center

500 Hercules Rd Bldg 8139

Wilmington, Delaware 19808

Attn: Timothy Hassett



Authorized for release by:

08/25/2011 02:07:34 PM

Lidya Gulizia

Project Manager II

lidya.gulizia@testamericainc.com

cc: Craig Derouen

Chris Waters

Charlie Jordan

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Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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Case Narrative

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Job ID: 680-70818-1

Laboratory: TestAmerica Savannah

Narrative

Job Narrative 680-70818-1

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method(s) 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 4 analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 210665 had 3 analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8260B: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 4 analytes to recover outside criteria for this method when a full list spike is utilized. The LCSD associated with batch 210908 had 2 analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 210908 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 210908 was outside control limits. The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision met acceptance criteria.

Method(s) 8260B: The following compound was outside control limits in the continuing calibration verification (CCV) associated with batch 210624: iodomethane. This compound is not classified as a Calibration Check Compound (CCC) in the reference method, and the laboratory defaults to in-house and/or project-specific criteria for evaluation. There is insufficient holding time remaining for re-analysis; therefore, the data have been reported. The associated samples were non-detect for the affected analyte.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270C: The laboratory control sample (LCS) for batch 210688 exceeded control limits for the following analyte(s): Famphur. Famphur has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

Method(s) 8270C: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 2 analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 210688 had 3 analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for batch 210688 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

GC Semi VOA

Method(s) 8151A: This method incorporates the use of second column confirmation. Corrective action for unacceptable percent recovery is not taken for surrogate or spike compounds unless the results from both columns are outside criteria. Any results which fall outside criteria are qualified and reported.

No other analytical or quality issues were noted.

Metals

No analytical or quality issues were noted.

Case Narrative

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Job ID: 680-70818-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

General Chemistry

Method(s) 335.4, 9012A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 210679 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Subcontract Work

Method 8290 - AP9 PCDD/PCDF: This method was subcontracted to TestAmerica West Sacramento.

Comments

No additional comments.

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Sample Summary

Client: Ashland Inc.

TestAmerica Job ID: 680-70818-1

Project/Site: Hercules Hattiesburg APIX 7/27/11

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-70818-1	ASH-MW24-072711	Water	07/27/11 08:20	07/28/11 14:09
680-70818-2	ASH-MW22-072711	Water	07/27/11 08:55	07/28/11 14:09
680-70818-3	ASH-MW18-072711	Water	07/27/11 09:23	07/28/11 14:09
680-70818-4	ASH-MW20-072711	Water	07/27/11 10:00	07/28/11 14:09
680-70818-5	ASH-MW12-072711	Water	07/27/11 10:14	07/28/11 14:09
680-70818-6	ASH-MW02-072711	Water	07/27/11 12:10	07/28/11 14:09
680-70818-7	ASH-MW04-072711	Water	07/27/11 12:55	07/28/11 14:09
680-70818-8	ASH-MW11-072711	Water	07/27/11 14:55	07/28/11 14:09
680-70818-9	ASH-MW10-072711	Water	07/27/11 14:40	07/28/11 14:09
680-70818-10	ASH-MW03-072711	Water	07/27/11 13:40	07/28/11 14:09
680-70818-11	ASH-DUP-072711	Water	07/27/11 00:00	07/28/11 14:09
680-70818-12	Trip Blank 063011	Water	07/27/11 00:00	07/28/11 14:09



Method Summary

Client: Ashland Inc.

TestAmerica Job ID: 680-70818-1

Project/Site: Hercules Hattiesburg APIX 7/27/11

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SAV
8081A_8082	Organochlorine Pesticides & PCBs (GC)	SW846	TAL SAV
8151A	Herbicides (GC)	SW846	TAL SAV
8290	Dioxins/Furans, HRGC/HRMS (8290)	SW846	TAL WSC
6020	Metals (ICP/MS)	SW846	TAL SAV
7470A	Mercury (CVAA)	SW846	TAL SAV
9012A	Cyanide, Total and/or Amenable	SW846	TAL SAV
9034	Sulfide, Acid Soluble and Insoluble (Titrimetric)	SW846	TAL SAV

Protocol References:

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

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL WSC = TestAmerica West Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Definitions/Glossary

Client: Ashland Inc.

Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits
E	Result exceeded calibration range.

GC Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
F	RPD of the MS and MSD exceeds the control limits
X	Surrogate is outside control limits

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
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit (Dioxin)
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or method detection limit if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Detection Summary

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW24-072711

Lab Sample ID: 680-70818-1

No Detections

Client Sample ID: ASH-MW22-072711

Lab Sample ID: 680-70818-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	10		1.0		ug/L	1		8260B	Total/NA
Chlorobenzene	8.7		1.0		ug/L	1		8260B	Total/NA
4-Methyl-2-pentanone (MIBK)	21		10		ug/L	1		8260B	Total/NA
Toluene	1.1		1.0		ug/L	1		8260B	Total/NA

Client Sample ID: ASH-MW18-072711

Lab Sample ID: 680-70818-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	21		1.0		ug/L	1		8260B	Total/NA

Client Sample ID: ASH-MW20-072711

Lab Sample ID: 680-70818-4

No Detections

Client Sample ID: ASH-MW12-072711

Lab Sample ID: 680-70818-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	120		5.0		ug/L	1		6020	Total/NA
Cobalt	3.4		0.50		ug/L	1		6020	Total/NA
Nickel	9.7		5.0		ug/L	1		6020	Total/NA
Zinc	34		20		ug/L	1		6020	Total/NA

Client Sample ID: ASH-MW02-072711

Lab Sample ID: 680-70818-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.9		2.5		ug/L	1		6020	Total/NA
Barium	76		5.0		ug/L	1		6020	Total/NA
Cobalt	4.2		0.50		ug/L	1		6020	Total/NA

Client Sample ID: ASH-MW04-072711

Lab Sample ID: 680-70818-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	23		10		ug/L	1		8270C	Total/NA
o,o',o"-Triethylphosphorothioate	22		10		ug/L	1		8270C	Total/NA
Barium	110		5.0		ug/L	1		6020	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Sulfide	1.1		1.0		mg/L	1		9034	Total/NA

Client Sample ID: ASH-MW11-072711

Lab Sample ID: 680-70818-8

No Detections

Client Sample ID: ASH-MW10-072711

Lab Sample ID: 680-70818-9

No Detections

Client Sample ID: ASH-MW03-072711

Lab Sample ID: 680-70818-10

No Detections

Detection Summary

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-DUP-072711

Lab Sample ID: 680-70818-11

No Detections

Client Sample ID: Trip Blank 063011

Lab Sample ID: 680-70818-12

No Detections

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Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW24-072711

Lab Sample ID: 680-70818-1

Date Collected: 07/27/11 08:20

Matrix: Water

Date Received: 07/28/11 14:09

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			07/30/11 15:23	1
Acetonitrile	<40		40		ug/L			07/30/11 15:23	1
Acrolein	<20		20		ug/L			07/30/11 15:23	1
Acrylonitrile	<20		20		ug/L			07/30/11 15:23	1
Benzene	<1.0		1.0		ug/L			07/30/11 15:23	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/30/11 15:23	1
Bromoform	<1.0		1.0		ug/L			07/30/11 15:23	1
Bromomethane	<1.0		1.0		ug/L			07/30/11 15:23	1
2-Butanone (MEK)	<10		10		ug/L			07/30/11 15:23	1
Carbon disulfide	<2.0		2.0		ug/L			07/30/11 15:23	1
Carbon tetrachloride	<1.0		1.0		ug/L			07/30/11 15:23	1
Chlorobenzene	<1.0		1.0		ug/L			07/30/11 15:23	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			07/30/11 15:23	1
Chloroethane	<1.0		1.0		ug/L			07/30/11 15:23	1
Chloroform	<1.0		1.0		ug/L			07/30/11 15:23	1
Chloromethane	<1.0		1.0		ug/L			07/30/11 15:23	1
3-Chloro-1-propene	<1.0		1.0		ug/L			07/30/11 15:23	1
Chlorodibromomethane	<1.0		1.0		ug/L			07/30/11 15:23	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			07/30/11 15:23	1
Ethylene Dibromide	<1.0		1.0		ug/L			07/30/11 15:23	1
Dibromomethane	<1.0		1.0		ug/L			07/30/11 15:23	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			07/30/11 15:23	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			07/30/11 15:23	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/30/11 15:23	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/30/11 15:23	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 15:23	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 15:23	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/30/11 15:23	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/30/11 15:23	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 15:23	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 15:23	1
Ethylbenzene	<1.0		1.0		ug/L			07/30/11 15:23	1
Ethyl methacrylate	<1.0		1.0		ug/L			07/30/11 15:23	1
2-Hexanone	<10		10		ug/L			07/30/11 15:23	1
Iodomethane	<5.0		5.0		ug/L			07/30/11 15:23	1
Isobutyl alcohol	<40		40		ug/L			07/30/11 15:23	1
Methacrylonitrile	<20		20		ug/L			07/30/11 15:23	1
Methylene Chloride	<5.0		5.0		ug/L			07/30/11 15:23	1
Methyl methacrylate	<1.0		1.0		ug/L			07/30/11 15:23	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			07/30/11 15:23	1
Pentachloroethane	<5.0		5.0		ug/L			07/30/11 15:23	1
Propionitrile	<20		20		ug/L			07/30/11 15:23	1
Styrene	<1.0		1.0		ug/L			07/30/11 15:23	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 15:23	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 15:23	1
Tetrachloroethene	<1.0		1.0		ug/L			07/30/11 15:23	1
Toluene	<1.0		1.0		ug/L			07/30/11 15:23	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/30/11 15:23	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			07/30/11 15:23	1
Trichloroethene	<1.0		1.0		ug/L			07/30/11 15:23	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW24-072711

Lab Sample ID: 680-70818-1

Date Collected: 07/27/11 08:20

Matrix: Water

Date Received: 07/28/11 14:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			07/30/11 15:23	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			07/30/11 15:23	1
Vinyl acetate	<2.0		2.0		ug/L			07/30/11 15:23	1
Vinyl chloride	<1.0		1.0		ug/L			07/30/11 15:23	1
Xylenes, Total	<2.0		2.0		ug/L			07/30/11 15:23	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		70 - 130		07/30/11 15:23	1
Dibromofluoromethane	106		70 - 130		07/30/11 15:23	1
Toluene-d8 (Surr)	101		70 - 130		07/30/11 15:23	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW22-072711

Lab Sample ID: 680-70818-2

Date Collected: 07/27/11 08:55

Matrix: Water

Date Received: 07/28/11 14:09

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			07/30/11 16:37	1
Acetonitrile	<40		40		ug/L			07/30/11 16:37	1
Acrolein	<20		20		ug/L			07/30/11 16:37	1
Acrylonitrile	<20		20		ug/L			07/30/11 16:37	1
Benzene	10		1.0		ug/L			07/30/11 16:37	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/30/11 16:37	1
Bromoform	<1.0	*	1.0		ug/L			07/30/11 16:37	1
Bromomethane	<1.0		1.0		ug/L			07/30/11 16:37	1
2-Butanone (MEK)	<10		10		ug/L			07/30/11 16:37	1
Carbon disulfide	<2.0		2.0		ug/L			07/30/11 16:37	1
Carbon tetrachloride	<1.0	*	1.0		ug/L			07/30/11 16:37	1
Chlorobenzene	8.7		1.0		ug/L			07/30/11 16:37	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			07/30/11 16:37	1
Chloroethane	<1.0		1.0		ug/L			07/30/11 16:37	1
Chloroform	<1.0		1.0		ug/L			07/30/11 16:37	1
Chloromethane	<1.0		1.0		ug/L			07/30/11 16:37	1
3-Chloro-1-propene	<1.0		1.0		ug/L			07/30/11 16:37	1
Chlorodibromomethane	<1.0	*	1.0		ug/L			07/30/11 16:37	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			07/30/11 16:37	1
Ethylene Dibromide	<1.0		1.0		ug/L			07/30/11 16:37	1
Dibromomethane	<1.0		1.0		ug/L			07/30/11 16:37	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			07/30/11 16:37	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			07/30/11 16:37	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/30/11 16:37	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/30/11 16:37	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 16:37	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 16:37	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/30/11 16:37	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/30/11 16:37	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 16:37	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 16:37	1
Ethylbenzene	<1.0		1.0		ug/L			07/30/11 16:37	1
Ethyl methacrylate	<1.0		1.0		ug/L			07/30/11 16:37	1
2-Hexanone	<10		10		ug/L			07/30/11 16:37	1
Iodomethane	<5.0		5.0		ug/L			07/30/11 16:37	1
Isobutyl alcohol	<40		40		ug/L			07/30/11 16:37	1
Methacrylonitrile	<20		20		ug/L			07/30/11 16:37	1
Methylene Chloride	<5.0		5.0		ug/L			07/30/11 16:37	1
Methyl methacrylate	<1.0		1.0		ug/L			07/30/11 16:37	1
4-Methyl-2-pentanone (MIBK)	21		10		ug/L			07/30/11 16:37	1
Pentachloroethane	<5.0		5.0		ug/L			07/30/11 16:37	1
Propionitrile	<20		20		ug/L			07/30/11 16:37	1
Styrene	<1.0		1.0		ug/L			07/30/11 16:37	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 16:37	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 16:37	1
Tetrachloroethene	<1.0		1.0		ug/L			07/30/11 16:37	1
Toluene	1.1		1.0		ug/L			07/30/11 16:37	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/30/11 16:37	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			07/30/11 16:37	1
Trichloroethene	<1.0		1.0		ug/L			07/30/11 16:37	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW22-072711

Lab Sample ID: 680-70818-2

Date Collected: 07/27/11 08:55

Matrix: Water

Date Received: 07/28/11 14:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			07/30/11 16:37	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			07/30/11 16:37	1
Vinyl acetate	<2.0		2.0		ug/L			07/30/11 16:37	1
Vinyl chloride	<1.0		1.0		ug/L			07/30/11 16:37	1
Xylenes, Total	<2.0		2.0		ug/L			07/30/11 16:37	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		70 - 130		07/30/11 16:37	1
Dibromofluoromethane	105		70 - 130		07/30/11 16:37	1
Toluene-d8 (Surr)	102		70 - 130		07/30/11 16:37	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW18-072711

Lab Sample ID: 680-70818-3

Date Collected: 07/27/11 09:23

Matrix: Water

Date Received: 07/28/11 14:09

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			07/30/11 15:53	1
Acetonitrile	<40		40		ug/L			07/30/11 15:53	1
Acrolein	<20		20		ug/L			07/30/11 15:53	1
Acrylonitrile	<20		20		ug/L			07/30/11 15:53	1
Benzene	<1.0		1.0		ug/L			07/30/11 15:53	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/30/11 15:53	1
Bromoform	<1.0		1.0		ug/L			07/30/11 15:53	1
Bromomethane	<1.0		1.0		ug/L			07/30/11 15:53	1
2-Butanone (MEK)	<10		10		ug/L			07/30/11 15:53	1
Carbon disulfide	<2.0		2.0		ug/L			07/30/11 15:53	1
Carbon tetrachloride	<1.0		1.0		ug/L			07/30/11 15:53	1
Chlorobenzene	21		1.0		ug/L			07/30/11 15:53	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			07/30/11 15:53	1
Chloroethane	<1.0		1.0		ug/L			07/30/11 15:53	1
Chloroform	<1.0		1.0		ug/L			07/30/11 15:53	1
Chloromethane	<1.0		1.0		ug/L			07/30/11 15:53	1
3-Chloro-1-propene	<1.0		1.0		ug/L			07/30/11 15:53	1
Chlorodibromomethane	<1.0		1.0		ug/L			07/30/11 15:53	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			07/30/11 15:53	1
Ethylene Dibromide	<1.0		1.0		ug/L			07/30/11 15:53	1
Dibromomethane	<1.0		1.0		ug/L			07/30/11 15:53	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			07/30/11 15:53	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			07/30/11 15:53	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/30/11 15:53	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/30/11 15:53	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 15:53	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 15:53	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/30/11 15:53	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/30/11 15:53	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 15:53	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 15:53	1
Ethylbenzene	<1.0		1.0		ug/L			07/30/11 15:53	1
Ethyl methacrylate	<1.0		1.0		ug/L			07/30/11 15:53	1
2-Hexanone	<10		10		ug/L			07/30/11 15:53	1
Iodomethane	<5.0		5.0		ug/L			07/30/11 15:53	1
Isobutyl alcohol	<40		40		ug/L			07/30/11 15:53	1
Methacrylonitrile	<20		20		ug/L			07/30/11 15:53	1
Methylene Chloride	<5.0		5.0		ug/L			07/30/11 15:53	1
Methyl methacrylate	<1.0		1.0		ug/L			07/30/11 15:53	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			07/30/11 15:53	1
Pentachloroethane	<5.0		5.0		ug/L			07/30/11 15:53	1
Propionitrile	<20		20		ug/L			07/30/11 15:53	1
Styrene	<1.0		1.0		ug/L			07/30/11 15:53	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 15:53	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 15:53	1
Tetrachloroethene	<1.0		1.0		ug/L			07/30/11 15:53	1
Toluene	<1.0		1.0		ug/L			07/30/11 15:53	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/30/11 15:53	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			07/30/11 15:53	1
Trichloroethene	<1.0		1.0		ug/L			07/30/11 15:53	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW18-072711

Lab Sample ID: 680-70818-3

Date Collected: 07/27/11 09:23

Matrix: Water

Date Received: 07/28/11 14:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			07/30/11 15:53	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			07/30/11 15:53	1
Vinyl acetate	<2.0		2.0		ug/L			07/30/11 15:53	1
Vinyl chloride	<1.0		1.0		ug/L			07/30/11 15:53	1
Xylenes, Total	<2.0		2.0		ug/L			07/30/11 15:53	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		70 - 130		07/30/11 15:53	1
Dibromofluoromethane	106		70 - 130		07/30/11 15:53	1
Toluene-d8 (Surr)	100		70 - 130		07/30/11 15:53	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW20-072711

Lab Sample ID: 680-70818-4

Date Collected: 07/27/11 10:00

Matrix: Water

Date Received: 07/28/11 14:09

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			07/30/11 20:48	1
Acetonitrile	<40		40		ug/L			07/30/11 20:48	1
Acrolein	<20		20		ug/L			07/30/11 20:48	1
Acrylonitrile	<20		20		ug/L			07/30/11 20:48	1
Benzene	<1.0		1.0		ug/L			07/30/11 20:48	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/30/11 20:48	1
Bromoform	<1.0		1.0		ug/L			07/30/11 20:48	1
Bromomethane	<1.0		1.0		ug/L			07/30/11 20:48	1
2-Butanone (MEK)	<10		10		ug/L			07/30/11 20:48	1
Carbon disulfide	<2.0		2.0		ug/L			07/30/11 20:48	1
Carbon tetrachloride	<1.0		1.0		ug/L			07/30/11 20:48	1
Chlorobenzene	<1.0		1.0		ug/L			07/30/11 20:48	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			07/30/11 20:48	1
Chloroethane	<1.0		1.0		ug/L			07/30/11 20:48	1
Chloroform	<1.0		1.0		ug/L			07/30/11 20:48	1
Chloromethane	<1.0		1.0		ug/L			07/30/11 20:48	1
3-Chloro-1-propene	<1.0		1.0		ug/L			07/30/11 20:48	1
Chlorodibromomethane	<1.0		1.0		ug/L			07/30/11 20:48	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			07/30/11 20:48	1
Ethylene Dibromide	<1.0		1.0		ug/L			07/30/11 20:48	1
Dibromomethane	<1.0		1.0		ug/L			07/30/11 20:48	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			07/30/11 20:48	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			07/30/11 20:48	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/30/11 20:48	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/30/11 20:48	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 20:48	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 20:48	1
1,1,1-Dichloroethene	<1.0		1.0		ug/L			07/30/11 20:48	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/30/11 20:48	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 20:48	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 20:48	1
Ethylbenzene	<1.0		1.0		ug/L			07/30/11 20:48	1
Ethyl methacrylate	<1.0		1.0		ug/L			07/30/11 20:48	1
2-Hexanone	<10		10		ug/L			07/30/11 20:48	1
Iodomethane	<5.0		5.0		ug/L			07/30/11 20:48	1
Isobutyl alcohol	<40		40		ug/L			07/30/11 20:48	1
Methacrylonitrile	<20		20		ug/L			07/30/11 20:48	1
Methylene Chloride	<5.0		5.0		ug/L			07/30/11 20:48	1
Methyl methacrylate	<1.0		1.0		ug/L			07/30/11 20:48	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			07/30/11 20:48	1
Pentachloroethane	<5.0		5.0		ug/L			07/30/11 20:48	1
Propionitrile	<20		20		ug/L			07/30/11 20:48	1
Styrene	<1.0		1.0		ug/L			07/30/11 20:48	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 20:48	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 20:48	1
Tetrachloroethene	<1.0		1.0		ug/L			07/30/11 20:48	1
Toluene	<1.0		1.0		ug/L			07/30/11 20:48	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/30/11 20:48	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			07/30/11 20:48	1
Trichloroethene	<1.0		1.0		ug/L			07/30/11 20:48	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW20-072711

Lab Sample ID: 680-70818-4

Date Collected: 07/27/11 10:00

Matrix: Water

Date Received: 07/28/11 14:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			07/30/11 20:48	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			07/30/11 20:48	1
Vinyl acetate	<2.0		2.0		ug/L			07/30/11 20:48	1
Vinyl chloride	<1.0		1.0		ug/L			07/30/11 20:48	1
Xylenes, Total	<2.0		2.0		ug/L			07/30/11 20:48	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		70 - 130		07/30/11 20:48	1
Dibromofluoromethane	105		70 - 130		07/30/11 20:48	1
Toluene-d8 (Surr)	102		70 - 130		07/30/11 20:48	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW12-072711

Lab Sample ID: 680-70818-5

Date Collected: 07/27/11 10:14

Matrix: Water

Date Received: 07/28/11 14:09

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			07/30/11 16:23	1
Acetonitrile	<40		40		ug/L			07/30/11 16:23	1
Acrolein	<20		20		ug/L			07/30/11 16:23	1
Acrylonitrile	<20		20		ug/L			07/30/11 16:23	1
Benzene	<1.0		1.0		ug/L			07/30/11 16:23	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/30/11 16:23	1
Bromoform	<1.0		1.0		ug/L			07/30/11 16:23	1
Bromomethane	<1.0		1.0		ug/L			07/30/11 16:23	1
2-Butanone (MEK)	<10		10		ug/L			07/30/11 16:23	1
Carbon disulfide	<2.0		2.0		ug/L			07/30/11 16:23	1
Carbon tetrachloride	<1.0		1.0		ug/L			07/30/11 16:23	1
Chlorobenzene	<1.0		1.0		ug/L			07/30/11 16:23	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			07/30/11 16:23	1
Chloroethane	<1.0		1.0		ug/L			07/30/11 16:23	1
Chloroform	<1.0		1.0		ug/L			07/30/11 16:23	1
Chloromethane	<1.0		1.0		ug/L			07/30/11 16:23	1
3-Chloro-1-propene	<1.0		1.0		ug/L			07/30/11 16:23	1
Chlorodibromomethane	<1.0		1.0		ug/L			07/30/11 16:23	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			07/30/11 16:23	1
Ethylene Dibromide	<1.0		1.0		ug/L			07/30/11 16:23	1
Dibromomethane	<1.0		1.0		ug/L			07/30/11 16:23	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			07/30/11 16:23	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			07/30/11 16:23	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/30/11 16:23	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/30/11 16:23	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 16:23	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 16:23	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/30/11 16:23	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/30/11 16:23	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 16:23	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 16:23	1
Ethylbenzene	<1.0		1.0		ug/L			07/30/11 16:23	1
Ethyl methacrylate	<1.0		1.0		ug/L			07/30/11 16:23	1
2-Hexanone	<10		10		ug/L			07/30/11 16:23	1
Iodomethane	<5.0		5.0		ug/L			07/30/11 16:23	1
Isobutyl alcohol	<40		40		ug/L			07/30/11 16:23	1
Methacrylonitrile	<20		20		ug/L			07/30/11 16:23	1
Methylene Chloride	<5.0		5.0		ug/L			07/30/11 16:23	1
Methyl methacrylate	<1.0		1.0		ug/L			07/30/11 16:23	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			07/30/11 16:23	1
Pentachloroethane	<5.0		5.0		ug/L			07/30/11 16:23	1
Propionitrile	<20		20		ug/L			07/30/11 16:23	1
Styrene	<1.0		1.0		ug/L			07/30/11 16:23	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 16:23	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 16:23	1
Tetrachloroethene	<1.0		1.0		ug/L			07/30/11 16:23	1
Toluene	<1.0		1.0		ug/L			07/30/11 16:23	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/30/11 16:23	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			07/30/11 16:23	1
Trichloroethene	<1.0		1.0		ug/L			07/30/11 16:23	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW12-072711

Lab Sample ID: 680-70818-5

Date Collected: 07/27/11 10:14

Matrix: Water

Date Received: 07/28/11 14:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			07/30/11 16:23	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			07/30/11 16:23	1
Vinyl acetate	<2.0		2.0		ug/L			07/30/11 16:23	1
Vinyl chloride	<1.0		1.0		ug/L			07/30/11 16:23	1
Xylenes, Total	<2.0		2.0		ug/L			07/30/11 16:23	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		70 - 130		07/30/11 16:23	1
Dibromofluoromethane	107		70 - 130		07/30/11 16:23	1
Toluene-d8 (Surr)	99		70 - 130		07/30/11 16:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Acenaphthylene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Acetophenone	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
2-Acetylaminofluorene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
alpha,alpha-Dimethyl phenethylamine	<2500		2500		ug/L		08/02/11 15:02	08/05/11 17:00	1
4-Aminobiphenyl	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Aniline	<25		25		ug/L		08/02/11 15:02	08/05/11 17:00	1
Anthracene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Aramite, Total	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Benzo[a]anthracene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Benzo[a]pyrene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Benzo[b]fluoranthene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Benzo[g,h,i]perylene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Benzo[k]fluoranthene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Benzyl alcohol	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
1,1'-Biphenyl	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Bis(2-chloroethoxy)methane	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Bis(2-chloroethyl)ether	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
bis(chloroisopropyl) ether	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Bis(2-ethylhexyl) phthalate	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
4-Bromophenyl phenyl ether	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Butyl benzyl phthalate	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
4-Chloroaniline	<25		25		ug/L		08/02/11 15:02	08/05/11 17:00	1
4-Chloro-3-methylphenol	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
2-Chloronaphthalene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
2-Chlorophenol	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
4-Chlorophenyl phenyl ether	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Chrysene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Diallate	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Dibenz(a,h)anthracene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Dibenzofuran	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
1,2-Dichlorobenzene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
1,3-Dichlorobenzene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
1,4-Dichlorobenzene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
3,3'-Dichlorobenzidine	<75		75		ug/L		08/02/11 15:02	08/05/11 17:00	1
2,4-Dichlorophenol	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
2,6-Dichlorophenol	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW12-072711

Lab Sample ID: 680-70818-5

Date Collected: 07/27/11 10:14

Matrix: Water

Date Received: 07/28/11 14:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Dimethoate	<12	*	12		ug/L		08/02/11 15:02	08/05/11 17:00	1
7,12-Dimethylbenz(a)anthracene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
3,3'-Dimethylbenzidine	<25		25		ug/L		08/02/11 15:02	08/05/11 17:00	1
2,4-Dimethylphenol	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Dimethyl phthalate	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Di-n-butyl phthalate	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
1,3-Dinitrobenzene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
4,6-Dinitro-2-methylphenol	<62		62		ug/L		08/02/11 15:02	08/05/11 17:00	1
2,4-Dinitrophenol	<62		62		ug/L		08/02/11 15:02	08/05/11 17:00	1
2,4-Dinitrotoluene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
2,6-Dinitrotoluene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Di-n-octyl phthalate	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Dinoseb	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
1,4-Dioxane	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Disulfoton	<12	*	12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Ethyl methanesulfonate	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Ethyl Parathion	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Famphur	<12	*	12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Fluoranthene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Fluorene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Hexachlorobenzene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Hexachlorobutadiene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Hexachlorocyclopentadiene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Hexachloroethane	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Hexachlorophene	<6200		6200		ug/L		08/02/11 15:02	08/05/11 17:00	1
Hexachloropropene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Indeno[1,2,3-cd]pyrene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Isophorone	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Isosafrole	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Methapyrilene	<2500		2500		ug/L		08/02/11 15:02	08/05/11 17:00	1
3-Methylcholanthrene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Methyl methanesulfonate	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
2-Methylnaphthalene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Methyl parathion	<12	*	12		ug/L		08/02/11 15:02	08/05/11 17:00	1
2-Methylphenol	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
3 & 4 Methylphenol	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Naphthalene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
1,4-Naphthoquinone	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
1-Naphthylamine	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
2-Naphthylamine	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
2-Nitroaniline	<62		62		ug/L		08/02/11 15:02	08/05/11 17:00	1
3-Nitroaniline	<62		62		ug/L		08/02/11 15:02	08/05/11 17:00	1
4-Nitroaniline	<62		62		ug/L		08/02/11 15:02	08/05/11 17:00	1
Nitrobenzene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
2-Nitrophenol	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
4-Nitrophenol	<62		62		ug/L		08/02/11 15:02	08/05/11 17:00	1
4-Nitroquinoline-1-oxide	<25		25		ug/L		08/02/11 15:02	08/05/11 17:00	1
N-Nitro-o-toluidine	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
N-Nitrosodiethylamine	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW12-072711

Lab Sample ID: 680-70818-5

Date Collected: 07/27/11 10:14

Matrix: Water

Date Received: 07/28/11 14:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodimethylamine	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
N-Nitrosodi-n-butylamine	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
N-Nitrosodi-n-propylamine	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
N-Nitrosodiphenylamine	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
N-Nitrosomethylethylamine	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
N-Nitrosomorpholine	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
N-Nitrosopiperidine	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
N-Nitrosopyrrolidine	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
o,o',o"-Triethylphosphorothioate	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
p-Dimethylamino azobenzene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Pentachlorobenzene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Pentachloronitrobenzene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Pentachlorophenol	<62		62		ug/L		08/02/11 15:02	08/05/11 17:00	1
Phenacetin	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Phenanthrene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Phenol	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Phorate	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
2-Picoline	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
p-Phenylene diamine	<2500		2500		ug/L		08/02/11 15:02	08/05/11 17:00	1
Pronamide	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Pyrene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Pyridine	<62		62		ug/L		08/02/11 15:02	08/05/11 17:00	1
Safrole, Total	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Sulfotepp	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
1,2,4,5-Tetrachlorobenzene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
2,3,4,6-Tetrachlorophenol	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
Thionazin	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
2-Toluidine	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
1,2,4-Trichlorobenzene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
2,4,5-Trichlorophenol	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
2,4,6-Trichlorophenol	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1
1,3,5-Trinitrobenzene	<12		12		ug/L		08/02/11 15:02	08/05/11 17:00	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	74		38 - 130	08/02/11 15:02	08/05/11 17:00	1
2-Fluorophenol	57		25 - 130	08/02/11 15:02	08/05/11 17:00	1
Nitrobenzene-d5	71		39 - 130	08/02/11 15:02	08/05/11 17:00	1
Phenol-d5	46		25 - 130	08/02/11 15:02	08/05/11 17:00	1
Terphenyl-d14	90		10 - 143	08/02/11 15:02	08/05/11 17:00	1
2,4,6-Tribromophenol	91		31 - 141	08/02/11 15:02	08/05/11 17:00	1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 06:07	1
alpha-BHC	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 06:07	1
beta-BHC	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 06:07	1
Chlordane (technical)	<0.50		0.50		ug/L		07/29/11 14:35	08/08/11 06:07	1
Chlorobenzilate	<0.50		0.50		ug/L		07/29/11 14:35	08/08/11 06:07	1
4,4'-DDD	<0.099		0.099		ug/L		07/29/11 14:35	08/08/11 06:07	1
4,4'-DDE	<0.099		0.099		ug/L		07/29/11 14:35	08/08/11 06:07	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW12-072711

Lab Sample ID: 680-70818-5

Date Collected: 07/27/11 10:14

Matrix: Water

Date Received: 07/28/11 14:09

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	<0.099		0.099		ug/L		07/29/11 14:35	08/08/11 06:07	1
delta-BHC	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 06:07	1
Dieldrin	<0.099		0.099		ug/L		07/29/11 14:35	08/08/11 06:07	1
Endosulfan I	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 06:07	1
Endosulfan II	<0.099		0.099		ug/L		07/29/11 14:35	08/08/11 06:07	1
Endosulfan sulfate	<0.099		0.099		ug/L		07/29/11 14:35	08/08/11 06:07	1
Endrin	<0.099		0.099		ug/L		07/29/11 14:35	08/08/11 06:07	1
Endrin aldehyde	<0.099		0.099		ug/L		07/29/11 14:35	08/08/11 06:07	1
Endrin ketone	<0.099		0.099		ug/L		07/29/11 14:35	08/08/11 06:07	1
gamma-BHC (Lindane)	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 06:07	1
Heptachlor	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 06:07	1
Heptachlor epoxide	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 06:07	1
Isodrin	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 06:07	1
Kepone	<0.99 *		0.99		ug/L		07/29/11 14:35	08/08/11 06:07	1
Methoxychlor	<0.099		0.099		ug/L		07/29/11 14:35	08/08/11 06:07	1
Toxaphene	<5.0		5.0		ug/L		07/29/11 14:35	08/08/11 06:07	1
PCB-1016	<0.99		0.99		ug/L		07/29/11 14:35	08/08/11 06:07	1
PCB-1221	<2.0		2.0		ug/L		07/29/11 14:35	08/08/11 06:07	1
PCB-1232	<0.99		0.99		ug/L		07/29/11 14:35	08/08/11 06:07	1
PCB-1242	<0.99		0.99		ug/L		07/29/11 14:35	08/08/11 06:07	1
PCB-1248	<0.99		0.99		ug/L		07/29/11 14:35	08/08/11 06:07	1
PCB-1254	<0.99		0.99		ug/L		07/29/11 14:35	08/08/11 06:07	1
PCB-1260	<0.99		0.99		ug/L		07/29/11 14:35	08/08/11 06:07	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	61		36 - 130	07/29/11 14:35	08/08/11 06:07	1
Tetrachloro-m-xylene	60		36 - 130	07/29/11 14:35	08/08/11 06:07	1
DCB Decachlorobiphenyl	67		40 - 130	07/29/11 14:35	08/08/11 06:07	1
DCB Decachlorobiphenyl	56		40 - 130	07/29/11 14:35	08/08/11 06:07	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.51		0.51		ug/L		07/29/11 07:54	08/01/11 18:47	1
Silvex (2,4,5-TP)	<0.51		0.51		ug/L		07/29/11 07:54	08/01/11 18:47	1
2,4,5-T	<0.51		0.51		ug/L		07/29/11 07:54	08/01/11 18:47	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	87		52 - 151	07/29/11 07:54	08/01/11 18:47	1
DCAA	85		52 - 151	07/29/11 07:54	08/01/11 18:47	1

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		9.8	0.33	1		pg/L		07/29/11 09:00	07/30/11 01:44	0.98
Total HxCDD	ND		49	0.71			pg/L		07/29/11 09:00	07/30/11 01:44	0.98
Total HxCDF	ND		49	0.29			pg/L		07/29/11 09:00	07/30/11 01:44	0.98
Total PeCDD	ND		49	0.51			pg/L		07/29/11 09:00	07/30/11 01:44	0.98
Total PeCDF	ND		49	0.38			pg/L		07/29/11 09:00	07/30/11 01:44	0.98
Total TCDD	ND		9.8	0.33			pg/L		07/29/11 09:00	07/30/11 01:44	0.98
Total TCDF	ND		9.8	0.71			pg/L		07/29/11 09:00	07/30/11 01:44	0.98

Total TEQ (EPA 1989) 0.00

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW12-072711

Lab Sample ID: 680-70818-5

Date Collected: 07/27/11 10:14

Matrix: Water

Date Received: 07/28/11 14:09

Internal Standard	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-2,3,7,8-TCDD	85		40 - 135	07/29/11 09:00	07/30/11 01:44	0.98
13C-1,2,3,7,8-PeCDD	85		40 - 135	07/29/11 09:00	07/30/11 01:44	0.98
13C-1,2,3,6,7,8-HxCDD	85		40 - 135	07/29/11 09:00	07/30/11 01:44	0.98
13C-2,3,7,8-TCDF	89		40 - 135	07/29/11 09:00	07/30/11 01:44	0.98
13C-1,2,3,7,8-PeCDF	84		40 - 135	07/29/11 09:00	07/30/11 01:44	0.98
13C-1,2,3,4,7,8-HxCDF	78		40 - 135	07/29/11 09:00	07/30/11 01:44	0.98

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<5.0		5.0		ug/L		08/01/11 08:48	08/07/11 00:12	1
Arsenic	<2.5		2.5		ug/L		08/01/11 08:48	08/07/11 00:12	1
Barium	120		5.0		ug/L		08/01/11 08:48	08/07/11 00:12	1
Beryllium	<0.50		0.50		ug/L		08/01/11 08:48	08/07/11 00:12	1
Cadmium	<0.50		0.50		ug/L		08/01/11 08:48	08/07/11 00:12	1
Chromium	<5.0		5.0		ug/L		08/01/11 08:48	08/07/11 00:12	1
Cobalt	3.4		0.50		ug/L		08/01/11 08:48	08/07/11 00:12	1
Copper	<5.0		5.0		ug/L		08/01/11 08:48	08/07/11 00:12	1
Lead	<1.5		1.5		ug/L		08/01/11 08:48	08/07/11 00:12	1
Nickel	9.7		5.0		ug/L		08/01/11 08:48	08/07/11 00:12	1
Selenium	<2.5		2.5		ug/L		08/01/11 08:48	08/07/11 00:12	1
Silver	<1.0		1.0		ug/L		08/01/11 08:48	08/07/11 00:12	1
Thallium	<1.0		1.0		ug/L		08/01/11 08:48	08/07/11 00:12	1
Tin	<5.0		5.0		ug/L		08/01/11 08:48	08/07/11 00:12	1
Vanadium	<10		10		ug/L		08/01/11 08:48	08/07/11 00:12	1
Zinc	34		20		ug/L		08/01/11 08:48	08/07/11 00:12	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		08/03/11 17:01	08/04/11 18:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		08/01/11 07:51	08/02/11 06:56	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.0		1.0		mg/L			07/29/11 13:06	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW02-072711

Lab Sample ID: 680-70818-6

Date Collected: 07/27/11 12:10

Matrix: Water

Date Received: 07/28/11 14:09

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			07/30/11 16:52	1
Acetonitrile	<40		40		ug/L			07/30/11 16:52	1
Acrolein	<20		20		ug/L			07/30/11 16:52	1
Acrylonitrile	<20		20		ug/L			07/30/11 16:52	1
Benzene	<1.0		1.0		ug/L			07/30/11 16:52	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/30/11 16:52	1
Bromoform	<1.0		1.0		ug/L			07/30/11 16:52	1
Bromomethane	<1.0		1.0		ug/L			07/30/11 16:52	1
2-Butanone (MEK)	<10		10		ug/L			07/30/11 16:52	1
Carbon disulfide	<2.0		2.0		ug/L			07/30/11 16:52	1
Carbon tetrachloride	<1.0		1.0		ug/L			07/30/11 16:52	1
Chlorobenzene	<1.0		1.0		ug/L			07/30/11 16:52	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			07/30/11 16:52	1
Chloroethane	<1.0		1.0		ug/L			07/30/11 16:52	1
Chloroform	<1.0		1.0		ug/L			07/30/11 16:52	1
Chloromethane	<1.0		1.0		ug/L			07/30/11 16:52	1
3-Chloro-1-propene	<1.0		1.0		ug/L			07/30/11 16:52	1
Chlorodibromomethane	<1.0		1.0		ug/L			07/30/11 16:52	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			07/30/11 16:52	1
Ethylene Dibromide	<1.0		1.0		ug/L			07/30/11 16:52	1
Dibromomethane	<1.0		1.0		ug/L			07/30/11 16:52	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			07/30/11 16:52	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			07/30/11 16:52	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/30/11 16:52	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/30/11 16:52	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 16:52	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 16:52	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/30/11 16:52	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/30/11 16:52	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 16:52	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 16:52	1
Ethylbenzene	<1.0		1.0		ug/L			07/30/11 16:52	1
Ethyl methacrylate	<1.0		1.0		ug/L			07/30/11 16:52	1
2-Hexanone	<10		10		ug/L			07/30/11 16:52	1
Iodomethane	<5.0		5.0		ug/L			07/30/11 16:52	1
Isobutyl alcohol	<40		40		ug/L			07/30/11 16:52	1
Methacrylonitrile	<20		20		ug/L			07/30/11 16:52	1
Methylene Chloride	<5.0		5.0		ug/L			07/30/11 16:52	1
Methyl methacrylate	<1.0		1.0		ug/L			07/30/11 16:52	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			07/30/11 16:52	1
Pentachloroethane	<5.0		5.0		ug/L			07/30/11 16:52	1
Propionitrile	<20		20		ug/L			07/30/11 16:52	1
Styrene	<1.0		1.0		ug/L			07/30/11 16:52	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 16:52	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 16:52	1
Tetrachloroethene	<1.0		1.0		ug/L			07/30/11 16:52	1
Toluene	<1.0		1.0		ug/L			07/30/11 16:52	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/30/11 16:52	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			07/30/11 16:52	1
Trichloroethene	<1.0		1.0		ug/L			07/30/11 16:52	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW02-072711

Lab Sample ID: 680-70818-6

Date Collected: 07/27/11 12:10

Matrix: Water

Date Received: 07/28/11 14:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			07/30/11 16:52	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			07/30/11 16:52	1
Vinyl acetate	<2.0		2.0		ug/L			07/30/11 16:52	1
Vinyl chloride	<1.0		1.0		ug/L			07/30/11 16:52	1
Xylenes, Total	<2.0		2.0		ug/L			07/30/11 16:52	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		70 - 130		07/30/11 16:52	1
Dibromofluoromethane	107		70 - 130		07/30/11 16:52	1
Toluene-d8 (Surr)	98		70 - 130		07/30/11 16:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Acenaphthylene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Acetophenone	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
2-Acetylaminofluorene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
alpha,alpha-Dimethyl phenethylamine	<2000		2000		ug/L		08/02/11 15:02	08/05/11 16:01	1
4-Aminobiphenyl	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Aniline	<20		20		ug/L		08/02/11 15:02	08/05/11 16:01	1
Anthracene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Aramite, Total	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Benzo[a]anthracene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Benzo[a]pyrene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Benzo[b]fluoranthene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Benzo[g,h,i]perylene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Benzo[k]fluoranthene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Benzyl alcohol	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
1,1'-Biphenyl	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Bis(2-chloroethoxy)methane	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Bis(2-chloroethyl)ether	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
bis(chloroisopropyl) ether	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Bis(2-ethylhexyl) phthalate	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
4-Bromophenyl phenyl ether	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Butyl benzyl phthalate	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
4-Chloroaniline	<20		20		ug/L		08/02/11 15:02	08/05/11 16:01	1
4-Chloro-3-methylphenol	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
2-Chloronaphthalene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
2-Chlorophenol	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
4-Chlorophenyl phenyl ether	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Chrysene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Diallylate	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Dibenz(a,h)anthracene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Dibenzofuran	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
1,2-Dichlorobenzene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
1,3-Dichlorobenzene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
1,4-Dichlorobenzene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
3,3'-Dichlorobenzidine	<59		59		ug/L		08/02/11 15:02	08/05/11 16:01	1
2,4-Dichlorophenol	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
2,6-Dichlorophenol	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW02-072711

Lab Sample ID: 680-70818-6

Date Collected: 07/27/11 12:10

Matrix: Water

Date Received: 07/28/11 14:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Dimethoate	<9.9	*	9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
7,12-Dimethylbenz(a)anthracene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
3,3'-Dimethylbenzidine	<20		20		ug/L		08/02/11 15:02	08/05/11 16:01	1
2,4-Dimethylphenol	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Dimethyl phthalate	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Di-n-butyl phthalate	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
1,3-Dinitrobenzene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
4,6-Dinitro-2-methylphenol	<49		49		ug/L		08/02/11 15:02	08/05/11 16:01	1
2,4-Dinitrophenol	<49		49		ug/L		08/02/11 15:02	08/05/11 16:01	1
2,4-Dinitrotoluene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
2,6-Dinitrotoluene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Di-n-octyl phthalate	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Dinoseb	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
1,4-Dioxane	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Disulfoton	<9.9	*	9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Ethyl methanesulfonate	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Ethyl Parathion	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Famphur	<9.9	*	9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Fluoranthene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Fluorene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Hexachlorobenzene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Hexachlorobutadiene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Hexachlorocyclopentadiene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Hexachloroethane	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Hexachlorophene	<4900		4900		ug/L		08/02/11 15:02	08/05/11 16:01	1
Hexachloropropene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Indeno[1,2,3-cd]pyrene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Isophorone	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Isosafrole	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Methapyrilene	<2000		2000		ug/L		08/02/11 15:02	08/05/11 16:01	1
3-Methylcholanthrene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Methyl methanesulfonate	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
2-Methylnaphthalene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Methyl parathion	<9.9	*	9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
2-Methylphenol	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
3 & 4 Methylphenol	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Naphthalene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
1,4-Naphthoquinone	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
1-Naphthylamine	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
2-Naphthylamine	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
2-Nitroaniline	<49		49		ug/L		08/02/11 15:02	08/05/11 16:01	1
3-Nitroaniline	<49		49		ug/L		08/02/11 15:02	08/05/11 16:01	1
4-Nitroaniline	<49		49		ug/L		08/02/11 15:02	08/05/11 16:01	1
Nitrobenzene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
2-Nitrophenol	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
4-Nitrophenol	<49		49		ug/L		08/02/11 15:02	08/05/11 16:01	1
4-Nitroquinoline-1-oxide	<20		20		ug/L		08/02/11 15:02	08/05/11 16:01	1
N-Nitro-o-toluidine	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
N-Nitrosodiethylamine	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW02-072711

Lab Sample ID: 680-70818-6

Date Collected: 07/27/11 12:10

Matrix: Water

Date Received: 07/28/11 14:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodimethylamine	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
N-Nitrosodi-n-butylamine	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
N-Nitrosodi-n-propylamine	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
N-Nitrosodiphenylamine	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
N-Nitrosomethylethylamine	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
N-Nitrosomorpholine	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
N-Nitrosopiperidine	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
N-Nitrosopyrrolidine	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
o,o',o"-Triethylphosphorothioate	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
p-Dimethylamino azobenzene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Pentachlorobenzene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Pentachloronitrobenzene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Pentachlorophenol	<49		49		ug/L		08/02/11 15:02	08/05/11 16:01	1
Phenacetin	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Phenanthrene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Phenol	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Phorate	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
2-Picoline	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
p-Phenylene diamine	<2000		2000		ug/L		08/02/11 15:02	08/05/11 16:01	1
Pronamide	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Pyrene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Pyridine	<49		49		ug/L		08/02/11 15:02	08/05/11 16:01	1
Safrole, Total	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Sulfotepp	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
1,2,4,5-Tetrachlorobenzene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
2,3,4,6-Tetrachlorophenol	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Thionazin	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
2-Toluidine	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
1,2,4-Trichlorobenzene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
2,4,5-Trichlorophenol	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
2,4,6-Trichlorophenol	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
1,3,5-Trinitrobenzene	<9.9		9.9		ug/L		08/02/11 15:02	08/05/11 16:01	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	63		38 - 130				08/02/11 15:02	08/05/11 16:01	1
2-Fluorophenol	58		25 - 130				08/02/11 15:02	08/05/11 16:01	1
Nitrobenzene-d5	65		39 - 130				08/02/11 15:02	08/05/11 16:01	1
Phenol-d5	54		25 - 130				08/02/11 15:02	08/05/11 16:01	1
Terphenyl-d14	80		10 - 143				08/02/11 15:02	08/05/11 16:01	1
2,4,6-Tribromophenol	80		31 - 141				08/02/11 15:02	08/05/11 16:01	1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 06:26	1
alpha-BHC	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 06:26	1
beta-BHC	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 06:26	1
Chlordane (technical)	<0.50		0.50		ug/L		07/29/11 14:35	08/08/11 06:26	1
Chlorobenzilate	<0.50		0.50		ug/L		07/29/11 14:35	08/08/11 06:26	1
4,4'-DDD	<0.099		0.099		ug/L		07/29/11 14:35	08/08/11 06:26	1
4,4'-DDE	<0.099		0.099		ug/L		07/29/11 14:35	08/08/11 06:26	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW02-072711

Lab Sample ID: 680-70818-6

Date Collected: 07/27/11 12:10

Matrix: Water

Date Received: 07/28/11 14:09

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	<0.099		0.099		ug/L		07/29/11 14:35	08/08/11 06:26	1
delta-BHC	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 06:26	1
Dieldrin	<0.099		0.099		ug/L		07/29/11 14:35	08/08/11 06:26	1
Endosulfan I	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 06:26	1
Endosulfan II	<0.099		0.099		ug/L		07/29/11 14:35	08/08/11 06:26	1
Endosulfan sulfate	<0.099		0.099		ug/L		07/29/11 14:35	08/08/11 06:26	1
Endrin	<0.099		0.099		ug/L		07/29/11 14:35	08/08/11 06:26	1
Endrin aldehyde	<0.099		0.099		ug/L		07/29/11 14:35	08/08/11 06:26	1
Endrin ketone	<0.099		0.099		ug/L		07/29/11 14:35	08/08/11 06:26	1
gamma-BHC (Lindane)	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 06:26	1
Heptachlor	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 06:26	1
Heptachlor epoxide	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 06:26	1
Isodrin	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 06:26	1
Kepone	<0.99	*	0.99		ug/L		07/29/11 14:35	08/08/11 06:26	1
Methoxychlor	<0.099		0.099		ug/L		07/29/11 14:35	08/08/11 06:26	1
Toxaphene	<5.0		5.0		ug/L		07/29/11 14:35	08/08/11 06:26	1
PCB-1016	<0.99		0.99		ug/L		07/29/11 14:35	08/08/11 06:26	1
PCB-1221	<2.0		2.0		ug/L		07/29/11 14:35	08/08/11 06:26	1
PCB-1232	<0.99		0.99		ug/L		07/29/11 14:35	08/08/11 06:26	1
PCB-1242	<0.99		0.99		ug/L		07/29/11 14:35	08/08/11 06:26	1
PCB-1248	<0.99		0.99		ug/L		07/29/11 14:35	08/08/11 06:26	1
PCB-1254	<0.99		0.99		ug/L		07/29/11 14:35	08/08/11 06:26	1
PCB-1260	<0.99		0.99		ug/L		07/29/11 14:35	08/08/11 06:26	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	54		36 - 130	07/29/11 14:35	08/08/11 06:26	1
Tetrachloro-m-xylene	54		36 - 130	07/29/11 14:35	08/08/11 06:26	1
DCB Decachlorobiphenyl	26	X	40 - 130	07/29/11 14:35	08/08/11 06:26	1
DCB Decachlorobiphenyl	22	X	40 - 130	07/29/11 14:35	08/08/11 06:26	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.51		0.51		ug/L		07/29/11 07:54	08/01/11 19:02	1
Silvex (2,4,5-TP)	<0.51		0.51		ug/L		07/29/11 07:54	08/01/11 19:02	1
2,4,5-T	<0.51		0.51		ug/L		07/29/11 07:54	08/01/11 19:02	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	87		52 - 151	07/29/11 07:54	08/01/11 19:02	1
DCAA	84		52 - 151	07/29/11 07:54	08/01/11 19:02	1

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		10	0.22	1		pg/L		07/29/11 09:00	07/30/11 02:29	1.01
Total HxCDD	ND		51	0.69			pg/L		07/29/11 09:00	07/30/11 02:29	1.01
Total HxCDF	ND		51	0.22			pg/L		07/29/11 09:00	07/30/11 02:29	1.01
Total PeCDD	ND		51	0.37			pg/L		07/29/11 09:00	07/30/11 02:29	1.01
Total PeCDF	ND		51	0.22			pg/L		07/29/11 09:00	07/30/11 02:29	1.01
Total TCDD	ND		10	0.43			pg/L		07/29/11 09:00	07/30/11 02:29	1.01
Total TCDF	ND		10	0.32			pg/L		07/29/11 09:00	07/30/11 02:29	1.01

Total TEQ (EPA 1989) 0.00

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW02-072711

Lab Sample ID: 680-70818-6

Date Collected: 07/27/11 12:10

Matrix: Water

Date Received: 07/28/11 14:09

Internal Standard	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-2,3,7,8-TCDD	87		40 - 135	07/29/11 09:00	07/30/11 02:29	1.01
13C-1,2,3,7,8-PeCDD	89		40 - 135	07/29/11 09:00	07/30/11 02:29	1.01
13C-1,2,3,6,7,8-HxCDD	85		40 - 135	07/29/11 09:00	07/30/11 02:29	1.01
13C-2,3,7,8-TCDF	90		40 - 135	07/29/11 09:00	07/30/11 02:29	1.01
13C-1,2,3,7,8-PeCDF	88		40 - 135	07/29/11 09:00	07/30/11 02:29	1.01
13C-1,2,3,4,7,8-HxCDF	75		40 - 135	07/29/11 09:00	07/30/11 02:29	1.01

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:38	1
Arsenic	2.9		2.5		ug/L		08/03/11 09:07	08/07/11 06:38	1
Barium	76		5.0		ug/L		08/03/11 09:07	08/07/11 06:38	1
Beryllium	<0.50		0.50		ug/L		08/03/11 09:07	08/07/11 06:38	1
Cadmium	<0.50		0.50		ug/L		08/03/11 09:07	08/07/11 06:38	1
Chromium	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:38	1
Cobalt	4.2		0.50		ug/L		08/03/11 09:07	08/07/11 06:38	1
Copper	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:38	1
Lead	<1.5		1.5		ug/L		08/03/11 09:07	08/07/11 06:38	1
Nickel	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:38	1
Selenium	<2.5		2.5		ug/L		08/03/11 09:07	08/07/11 06:38	1
Silver	<1.0		1.0		ug/L		08/03/11 09:07	08/07/11 06:38	1
Thallium	<1.0		1.0		ug/L		08/03/11 09:07	08/07/11 06:38	1
Tin	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:38	1
Vanadium	<10		10		ug/L		08/03/11 09:07	08/07/11 06:38	1
Zinc	<20		20		ug/L		08/03/11 09:07	08/07/11 06:38	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		08/03/11 17:01	08/04/11 18:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		08/01/11 07:51	08/02/11 06:57	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.0		1.0		mg/L			07/29/11 13:06	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW04-072711

Lab Sample ID: 680-70818-7

Date Collected: 07/27/11 12:55

Matrix: Water

Date Received: 07/28/11 14:09

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			07/30/11 21:48	1
Acetonitrile	<40		40		ug/L			07/30/11 21:48	1
Acrolein	<20		20		ug/L			07/30/11 21:48	1
Acrylonitrile	<20		20		ug/L			07/30/11 21:48	1
Benzene	<1.0		1.0		ug/L			07/30/11 21:48	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/30/11 21:48	1
Bromoform	<1.0		1.0		ug/L			07/30/11 21:48	1
Bromomethane	<1.0		1.0		ug/L			07/30/11 21:48	1
2-Butanone (MEK)	<10		10		ug/L			07/30/11 21:48	1
Carbon disulfide	<2.0		2.0		ug/L			07/30/11 21:48	1
Carbon tetrachloride	<1.0		1.0		ug/L			07/30/11 21:48	1
Chlorobenzene	<1.0		1.0		ug/L			07/30/11 21:48	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			07/30/11 21:48	1
Chloroethane	<1.0		1.0		ug/L			07/30/11 21:48	1
Chloroform	<1.0		1.0		ug/L			07/30/11 21:48	1
Chloromethane	<1.0		1.0		ug/L			07/30/11 21:48	1
3-Chloro-1-propene	<1.0		1.0		ug/L			07/30/11 21:48	1
Chlorodibromomethane	<1.0		1.0		ug/L			07/30/11 21:48	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			07/30/11 21:48	1
Ethylene Dibromide	<1.0		1.0		ug/L			07/30/11 21:48	1
Dibromomethane	<1.0		1.0		ug/L			07/30/11 21:48	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			07/30/11 21:48	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			07/30/11 21:48	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/30/11 21:48	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/30/11 21:48	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 21:48	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 21:48	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/30/11 21:48	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/30/11 21:48	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 21:48	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 21:48	1
Ethylbenzene	<1.0		1.0		ug/L			07/30/11 21:48	1
Ethyl methacrylate	<1.0		1.0		ug/L			07/30/11 21:48	1
2-Hexanone	<10		10		ug/L			07/30/11 21:48	1
Iodomethane	<5.0		5.0		ug/L			07/30/11 21:48	1
Isobutyl alcohol	<40		40		ug/L			07/30/11 21:48	1
Methacrylonitrile	<20		20		ug/L			07/30/11 21:48	1
Methylene Chloride	<5.0		5.0		ug/L			07/30/11 21:48	1
Methyl methacrylate	<1.0		1.0		ug/L			07/30/11 21:48	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			07/30/11 21:48	1
Pentachloroethane	<5.0		5.0		ug/L			07/30/11 21:48	1
Propionitrile	<20		20		ug/L			07/30/11 21:48	1
Styrene	<1.0		1.0		ug/L			07/30/11 21:48	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 21:48	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 21:48	1
Tetrachloroethene	<1.0		1.0		ug/L			07/30/11 21:48	1
Toluene	<1.0		1.0		ug/L			07/30/11 21:48	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/30/11 21:48	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			07/30/11 21:48	1
Trichloroethene	<1.0		1.0		ug/L			07/30/11 21:48	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW04-072711

Lab Sample ID: 680-70818-7

Date Collected: 07/27/11 12:55

Matrix: Water

Date Received: 07/28/11 14:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			07/30/11 21:48	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			07/30/11 21:48	1
Vinyl acetate	<2.0		2.0		ug/L			07/30/11 21:48	1
Vinyl chloride	<1.0		1.0		ug/L			07/30/11 21:48	1
Xylenes, Total	<2.0		2.0		ug/L			07/30/11 21:48	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		70 - 130		07/30/11 21:48	1
Dibromofluoromethane	109		70 - 130		07/30/11 21:48	1
Toluene-d8 (Surr)	100		70 - 130		07/30/11 21:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Acenaphthylene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Acetophenone	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
2-Acetylaminofluorene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
alpha,alpha-Dimethyl phenethylamine	<2100		2100		ug/L		08/02/11 15:02	08/05/11 16:30	1
4-Aminobiphenyl	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Aniline	<21		21		ug/L		08/02/11 15:02	08/05/11 16:30	1
Anthracene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Aramite, Total	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Benzo[a]anthracene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Benzo[a]pyrene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Benzo[b]fluoranthene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Benzo[g,h,i]perylene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Benzo[k]fluoranthene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Benzyl alcohol	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
1,1'-Biphenyl	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Bis(2-chloroethoxy)methane	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Bis(2-chloroethyl)ether	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
bis(chloroisopropyl) ether	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Bis(2-ethylhexyl) phthalate	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
4-Bromophenyl phenyl ether	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Butyl benzyl phthalate	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
4-Chloroaniline	<21		21		ug/L		08/02/11 15:02	08/05/11 16:30	1
4-Chloro-3-methylphenol	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
2-Chloronaphthalene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
2-Chlorophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
4-Chlorophenyl phenyl ether	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Chrysene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Diallylate	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Dibenz(a,h)anthracene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Dibenzofuran	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
1,2-Dichlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
1,3-Dichlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
1,4-Dichlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
3,3'-Dichlorobenzidine	<63		63		ug/L		08/02/11 15:02	08/05/11 16:30	1
2,4-Dichlorophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
2,6-Dichlorophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW04-072711

Lab Sample ID: 680-70818-7

Date Collected: 07/27/11 12:55

Matrix: Water

Date Received: 07/28/11 14:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Dimethoate	<10	*	10		ug/L		08/02/11 15:02	08/05/11 16:30	1
7,12-Dimethylbenz(a)anthracene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
3,3'-Dimethylbenzidine	<21		21		ug/L		08/02/11 15:02	08/05/11 16:30	1
2,4-Dimethylphenol	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Dimethyl phthalate	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Di-n-butyl phthalate	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
1,3-Dinitrobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
4,6-Dinitro-2-methylphenol	<52		52		ug/L		08/02/11 15:02	08/05/11 16:30	1
2,4-Dinitrophenol	<52		52		ug/L		08/02/11 15:02	08/05/11 16:30	1
2,4-Dinitrotoluene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
2,6-Dinitrotoluene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Di-n-octyl phthalate	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Dinoseb	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
1,4-Dioxane	23		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Disulfoton	<10	*	10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Ethyl methanesulfonate	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Ethyl Parathion	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Famphur	<10	*	10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Fluoranthene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Fluorene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Hexachlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Hexachlorobutadiene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Hexachlorocyclopentadiene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Hexachloroethane	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Hexachlorophene	<5200		5200		ug/L		08/02/11 15:02	08/05/11 16:30	1
Hexachloropropene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Indeno[1,2,3-cd]pyrene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Isophorone	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Isosafrole	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Methapyrilene	<2100		2100		ug/L		08/02/11 15:02	08/05/11 16:30	1
3-Methylcholanthrene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Methyl methanesulfonate	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
2-Methylnaphthalene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Methyl parathion	<10	*	10		ug/L		08/02/11 15:02	08/05/11 16:30	1
2-Methylphenol	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
3 & 4 Methylphenol	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Naphthalene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
1,4-Naphthoquinone	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
1-Naphthylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
2-Naphthylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
2-Nitroaniline	<52		52		ug/L		08/02/11 15:02	08/05/11 16:30	1
3-Nitroaniline	<52		52		ug/L		08/02/11 15:02	08/05/11 16:30	1
4-Nitroaniline	<52		52		ug/L		08/02/11 15:02	08/05/11 16:30	1
Nitrobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
2-Nitrophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
4-Nitrophenol	<52		52		ug/L		08/02/11 15:02	08/05/11 16:30	1
4-Nitroquinoline-1-oxide	<21		21		ug/L		08/02/11 15:02	08/05/11 16:30	1
N-Nitro-o-toluidine	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
N-Nitrosodiethylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW04-072711

Lab Sample ID: 680-70818-7

Date Collected: 07/27/11 12:55

Matrix: Water

Date Received: 07/28/11 14:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodimethylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
N-Nitrosodi-n-butylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
N-Nitrosodi-n-propylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
N-Nitrosodiphenylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
N-Nitrosomethylethylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
N-Nitrosomorpholine	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
N-Nitrosopiperidine	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
N-Nitrosopyrrolidine	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
o,o',o"-Triethylphosphorothioate	22		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
p-Dimethylamino azobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Pentachlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Pentachloronitrobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Pentachlorophenol	<52		52		ug/L		08/02/11 15:02	08/05/11 16:30	1
Phenacetin	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Phenanthrene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Phenol	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Phorate	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
2-Picoline	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
p-Phenylene diamine	<2100		2100		ug/L		08/02/11 15:02	08/05/11 16:30	1
Pronamide	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Pyrene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Pyridine	<52		52		ug/L		08/02/11 15:02	08/05/11 16:30	1
Safrole, Total	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Sulfotepp	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
1,2,4,5-Tetrachlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
2,3,4,6-Tetrachlorophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
Thionazin	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
2-Toluidine	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
1,2,4-Trichlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
2,4,5-Trichlorophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
2,4,6-Trichlorophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1
1,3,5-Trinitrobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 16:30	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	71		38 - 130	08/02/11 15:02	08/05/11 16:30	1
2-Fluorophenol	60		25 - 130	08/02/11 15:02	08/05/11 16:30	1
Nitrobenzene-d5	67		39 - 130	08/02/11 15:02	08/05/11 16:30	1
Phenol-d5	56		25 - 130	08/02/11 15:02	08/05/11 16:30	1
Terphenyl-d14	37		10 - 143	08/02/11 15:02	08/05/11 16:30	1
2,4,6-Tribromophenol	88		31 - 141	08/02/11 15:02	08/05/11 16:30	1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<0.051		0.051		ug/L		07/29/11 14:35	08/08/11 06:45	1
alpha-BHC	<0.051		0.051		ug/L		07/29/11 14:35	08/08/11 06:45	1
beta-BHC	<0.051		0.051		ug/L		07/29/11 14:35	08/08/11 06:45	1
Chlordane (technical)	<0.51		0.51		ug/L		07/29/11 14:35	08/08/11 06:45	1
Chlorobenzilate	<0.51		0.51		ug/L		07/29/11 14:35	08/08/11 06:45	1
4,4'-DDD	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 06:45	1
4,4'-DDE	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 06:45	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW04-072711

Lab Sample ID: 680-70818-7

Date Collected: 07/27/11 12:55

Matrix: Water

Date Received: 07/28/11 14:09

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 06:45	1
delta-BHC	<0.051		0.051		ug/L		07/29/11 14:35	08/08/11 06:45	1
Dieldrin	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 06:45	1
Endosulfan I	<0.051		0.051		ug/L		07/29/11 14:35	08/08/11 06:45	1
Endosulfan II	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 06:45	1
Endosulfan sulfate	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 06:45	1
Endrin	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 06:45	1
Endrin aldehyde	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 06:45	1
Endrin ketone	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 06:45	1
gamma-BHC (Lindane)	<0.051		0.051		ug/L		07/29/11 14:35	08/08/11 06:45	1
Heptachlor	<0.051		0.051		ug/L		07/29/11 14:35	08/08/11 06:45	1
Heptachlor epoxide	<0.051		0.051		ug/L		07/29/11 14:35	08/08/11 06:45	1
Isodrin	<0.051		0.051		ug/L		07/29/11 14:35	08/08/11 06:45	1
Kepone	<1.0 *		1.0		ug/L		07/29/11 14:35	08/08/11 06:45	1
Methoxychlor	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 06:45	1
Toxaphene	<5.1		5.1		ug/L		07/29/11 14:35	08/08/11 06:45	1
PCB-1016	<1.0		1.0		ug/L		07/29/11 14:35	08/08/11 06:45	1
PCB-1221	<2.0		2.0		ug/L		07/29/11 14:35	08/08/11 06:45	1
PCB-1232	<1.0		1.0		ug/L		07/29/11 14:35	08/08/11 06:45	1
PCB-1242	<1.0		1.0		ug/L		07/29/11 14:35	08/08/11 06:45	1
PCB-1248	<1.0		1.0		ug/L		07/29/11 14:35	08/08/11 06:45	1
PCB-1254	<1.0		1.0		ug/L		07/29/11 14:35	08/08/11 06:45	1
PCB-1260	<1.0		1.0		ug/L		07/29/11 14:35	08/08/11 06:45	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	38		36 - 130	07/29/11 14:35	08/08/11 06:45	1
Tetrachloro-m-xylene	45		36 - 130	07/29/11 14:35	08/08/11 06:45	1
DCB Decachlorobiphenyl	11	X	40 - 130	07/29/11 14:35	08/08/11 06:45	1
DCB Decachlorobiphenyl	12	X	40 - 130	07/29/11 14:35	08/08/11 06:45	1

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	<0.51		0.51		ug/L		07/29/11 07:54	08/01/11 19:18	1
Silvex (2,4,5-TP)	<0.51		0.51		ug/L		07/29/11 07:54	08/01/11 19:18	1
2,4,5-T	<0.51		0.51		ug/L		07/29/11 07:54	08/01/11 19:18	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCAA	97	p	52 - 151	07/29/11 07:54	08/01/11 19:18	1
DCAA	241	X	52 - 151	07/29/11 07:54	08/01/11 19:18	1

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Analyte	Result	Qualifier	ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
2,3,7,8-TCDD	ND		10	0.31	1		pg/L		07/29/11 09:00	07/30/11 03:14	1
Total HxCDD	ND		50	0.66			pg/L		07/29/11 09:00	07/30/11 03:14	1
Total HxCDF	ND		50	0.18			pg/L		07/29/11 09:00	07/30/11 03:14	1
Total PeCDD	ND		50	0.46			pg/L		07/29/11 09:00	07/30/11 03:14	1
Total PeCDF	ND		50	0.27			pg/L		07/29/11 09:00	07/30/11 03:14	1
Total TCDD	ND		10	0.31			pg/L		07/29/11 09:00	07/30/11 03:14	1
Total TCDF	ND		10	0.32			pg/L		07/29/11 09:00	07/30/11 03:14	1

Total TEQ (EPA 1989) 0.00

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW04-072711

Lab Sample ID: 680-70818-7

Date Collected: 07/27/11 12:55

Matrix: Water

Date Received: 07/28/11 14:09

Internal Standard	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-2,3,7,8-TCDD	86		40 - 135	07/29/11 09:00	07/30/11 03:14	1
13C-1,2,3,7,8-PeCDD	85		40 - 135	07/29/11 09:00	07/30/11 03:14	1
13C-1,2,3,6,7,8-HxCDD	84		40 - 135	07/29/11 09:00	07/30/11 03:14	1
13C-2,3,7,8-TCDF	89		40 - 135	07/29/11 09:00	07/30/11 03:14	1
13C-1,2,3,7,8-PeCDF	84		40 - 135	07/29/11 09:00	07/30/11 03:14	1
13C-1,2,3,4,7,8-HxCDF	82		40 - 135	07/29/11 09:00	07/30/11 03:14	1

Method: 6020 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:44	1
Arsenic	<2.5		2.5		ug/L		08/03/11 09:07	08/07/11 06:44	1
Barium	110		5.0		ug/L		08/03/11 09:07	08/07/11 06:44	1
Beryllium	<0.50		0.50		ug/L		08/03/11 09:07	08/07/11 06:44	1
Cadmium	<0.50		0.50		ug/L		08/03/11 09:07	08/07/11 06:44	1
Chromium	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:44	1
Cobalt	<0.50		0.50		ug/L		08/03/11 09:07	08/07/11 06:44	1
Copper	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:44	1
Lead	<1.5		1.5		ug/L		08/03/11 09:07	08/07/11 06:44	1
Nickel	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:44	1
Selenium	<2.5		2.5		ug/L		08/03/11 09:07	08/07/11 06:44	1
Silver	<1.0		1.0		ug/L		08/03/11 09:07	08/07/11 06:44	1
Thallium	<1.0		1.0		ug/L		08/03/11 09:07	08/07/11 06:44	1
Tin	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:44	1
Vanadium	<10		10		ug/L		08/03/11 09:07	08/07/11 06:44	1
Zinc	<20		20		ug/L		08/03/11 09:07	08/07/11 06:44	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L		08/03/11 17:01	08/04/11 18:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		08/01/11 07:51	08/02/11 06:58	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	1.1		1.0		mg/L			07/29/11 13:06	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW11-072711

Lab Sample ID: 680-70818-8

Date Collected: 07/27/11 14:55

Matrix: Water

Date Received: 07/28/11 14:09

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			08/01/11 19:52	1
Acetonitrile	<40		40		ug/L			08/01/11 19:52	1
Acrolein	<20		20		ug/L			08/01/11 19:52	1
Acrylonitrile	<20		20		ug/L			08/01/11 19:52	1
Benzene	<1.0		1.0		ug/L			08/01/11 19:52	1
Dichlorobromomethane	<1.0		1.0		ug/L			08/01/11 19:52	1
Bromoform	<1.0	*	1.0		ug/L			08/01/11 19:52	1
Bromomethane	<1.0		1.0		ug/L			08/01/11 19:52	1
2-Butanone (MEK)	<10		10		ug/L			08/01/11 19:52	1
Carbon disulfide	<2.0		2.0		ug/L			08/01/11 19:52	1
Carbon tetrachloride	<1.0	*	1.0		ug/L			08/01/11 19:52	1
Chlorobenzene	<1.0		1.0		ug/L			08/01/11 19:52	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			08/01/11 19:52	1
Chloroethane	<1.0		1.0		ug/L			08/01/11 19:52	1
Chloroform	<1.0		1.0		ug/L			08/01/11 19:52	1
Chloromethane	<1.0		1.0		ug/L			08/01/11 19:52	1
3-Chloro-1-propene	<1.0		1.0		ug/L			08/01/11 19:52	1
Chlorodibromomethane	<1.0		1.0		ug/L			08/01/11 19:52	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			08/01/11 19:52	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/01/11 19:52	1
Dibromomethane	<1.0		1.0		ug/L			08/01/11 19:52	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			08/01/11 19:52	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/01/11 19:52	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/01/11 19:52	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/01/11 19:52	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/01/11 19:52	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/01/11 19:52	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/01/11 19:52	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/01/11 19:52	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			08/01/11 19:52	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			08/01/11 19:52	1
Ethylbenzene	<1.0		1.0		ug/L			08/01/11 19:52	1
Ethyl methacrylate	<1.0		1.0		ug/L			08/01/11 19:52	1
2-Hexanone	<10		10		ug/L			08/01/11 19:52	1
Iodomethane	<5.0		5.0		ug/L			08/01/11 19:52	1
Isobutyl alcohol	<40		40		ug/L			08/01/11 19:52	1
Methacrylonitrile	<20		20		ug/L			08/01/11 19:52	1
Methylene Chloride	<5.0		5.0		ug/L			08/01/11 19:52	1
Methyl methacrylate	<1.0		1.0		ug/L			08/01/11 19:52	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			08/01/11 19:52	1
Pentachloroethane	<5.0		5.0		ug/L			08/01/11 19:52	1
Propionitrile	<20		20		ug/L			08/01/11 19:52	1
Styrene	<1.0		1.0		ug/L			08/01/11 19:52	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/01/11 19:52	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/01/11 19:52	1
Tetrachloroethene	<1.0		1.0		ug/L			08/01/11 19:52	1
Toluene	<1.0		1.0		ug/L			08/01/11 19:52	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/01/11 19:52	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			08/01/11 19:52	1
Trichloroethene	<1.0		1.0		ug/L			08/01/11 19:52	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW11-072711

Lab Sample ID: 680-70818-8

Date Collected: 07/27/11 14:55

Matrix: Water

Date Received: 07/28/11 14:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			08/01/11 19:52	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			08/01/11 19:52	1
Vinyl acetate	<2.0		2.0		ug/L			08/01/11 19:52	1
Vinyl chloride	<1.0		1.0		ug/L			08/01/11 19:52	1
Xylenes, Total	<2.0		2.0		ug/L			08/01/11 19:52	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		70 - 130		08/01/11 19:52	1
Dibromofluoromethane	110		70 - 130		08/01/11 19:52	1
Toluene-d8 (Surr)	104		70 - 130		08/01/11 19:52	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW10-072711

Lab Sample ID: 680-70818-9

Date Collected: 07/27/11 14:40

Matrix: Water

Date Received: 07/28/11 14:09

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			07/30/11 20:19	1
Acetonitrile	<40		40		ug/L			07/30/11 20:19	1
Acrolein	<20		20		ug/L			07/30/11 20:19	1
Acrylonitrile	<20		20		ug/L			07/30/11 20:19	1
Benzene	<1.0		1.0		ug/L			07/30/11 20:19	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/30/11 20:19	1
Bromoform	<1.0		1.0		ug/L			07/30/11 20:19	1
Bromomethane	<1.0		1.0		ug/L			07/30/11 20:19	1
2-Butanone (MEK)	<10		10		ug/L			07/30/11 20:19	1
Carbon disulfide	<2.0		2.0		ug/L			07/30/11 20:19	1
Carbon tetrachloride	<1.0		1.0		ug/L			07/30/11 20:19	1
Chlorobenzene	<1.0		1.0		ug/L			07/30/11 20:19	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			07/30/11 20:19	1
Chloroethane	<1.0		1.0		ug/L			07/30/11 20:19	1
Chloroform	<1.0		1.0		ug/L			07/30/11 20:19	1
Chloromethane	<1.0		1.0		ug/L			07/30/11 20:19	1
3-Chloro-1-propene	<1.0		1.0		ug/L			07/30/11 20:19	1
Chlorodibromomethane	<1.0		1.0		ug/L			07/30/11 20:19	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			07/30/11 20:19	1
Ethylene Dibromide	<1.0		1.0		ug/L			07/30/11 20:19	1
Dibromomethane	<1.0		1.0		ug/L			07/30/11 20:19	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			07/30/11 20:19	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			07/30/11 20:19	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/30/11 20:19	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/30/11 20:19	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 20:19	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 20:19	1
1,1,1-Dichloroethene	<1.0		1.0		ug/L			07/30/11 20:19	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/30/11 20:19	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 20:19	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 20:19	1
Ethylbenzene	<1.0		1.0		ug/L			07/30/11 20:19	1
Ethyl methacrylate	<1.0		1.0		ug/L			07/30/11 20:19	1
2-Hexanone	<10		10		ug/L			07/30/11 20:19	1
Iodomethane	<5.0		5.0		ug/L			07/30/11 20:19	1
Isobutyl alcohol	<40		40		ug/L			07/30/11 20:19	1
Methacrylonitrile	<20		20		ug/L			07/30/11 20:19	1
Methylene Chloride	<5.0		5.0		ug/L			07/30/11 20:19	1
Methyl methacrylate	<1.0		1.0		ug/L			07/30/11 20:19	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			07/30/11 20:19	1
Pentachloroethane	<5.0		5.0		ug/L			07/30/11 20:19	1
Propionitrile	<20		20		ug/L			07/30/11 20:19	1
Styrene	<1.0		1.0		ug/L			07/30/11 20:19	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 20:19	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 20:19	1
Tetrachloroethene	<1.0		1.0		ug/L			07/30/11 20:19	1
Toluene	<1.0		1.0		ug/L			07/30/11 20:19	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/30/11 20:19	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			07/30/11 20:19	1
Trichloroethene	<1.0		1.0		ug/L			07/30/11 20:19	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW10-072711

Lab Sample ID: 680-70818-9

Date Collected: 07/27/11 14:40

Matrix: Water

Date Received: 07/28/11 14:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			07/30/11 20:19	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			07/30/11 20:19	1
Vinyl acetate	<2.0		2.0		ug/L			07/30/11 20:19	1
Vinyl chloride	<1.0		1.0		ug/L			07/30/11 20:19	1
Xylenes, Total	<2.0		2.0		ug/L			07/30/11 20:19	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		70 - 130		07/30/11 20:19	1
Dibromofluoromethane	107		70 - 130		07/30/11 20:19	1
Toluene-d8 (Surr)	99		70 - 130		07/30/11 20:19	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW03-072711

Lab Sample ID: 680-70818-10

Date Collected: 07/27/11 13:40

Matrix: Water

Date Received: 07/28/11 14:09

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			07/30/11 19:49	1
Acetonitrile	<40		40		ug/L			07/30/11 19:49	1
Acrolein	<20		20		ug/L			07/30/11 19:49	1
Acrylonitrile	<20		20		ug/L			07/30/11 19:49	1
Benzene	<1.0		1.0		ug/L			07/30/11 19:49	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/30/11 19:49	1
Bromoform	<1.0		1.0		ug/L			07/30/11 19:49	1
Bromomethane	<1.0		1.0		ug/L			07/30/11 19:49	1
2-Butanone (MEK)	<10		10		ug/L			07/30/11 19:49	1
Carbon disulfide	<2.0		2.0		ug/L			07/30/11 19:49	1
Carbon tetrachloride	<1.0		1.0		ug/L			07/30/11 19:49	1
Chlorobenzene	<1.0		1.0		ug/L			07/30/11 19:49	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			07/30/11 19:49	1
Chloroethane	<1.0		1.0		ug/L			07/30/11 19:49	1
Chloroform	<1.0		1.0		ug/L			07/30/11 19:49	1
Chloromethane	<1.0		1.0		ug/L			07/30/11 19:49	1
3-Chloro-1-propene	<1.0		1.0		ug/L			07/30/11 19:49	1
Chlorodibromomethane	<1.0		1.0		ug/L			07/30/11 19:49	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			07/30/11 19:49	1
Ethylene Dibromide	<1.0		1.0		ug/L			07/30/11 19:49	1
Dibromomethane	<1.0		1.0		ug/L			07/30/11 19:49	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			07/30/11 19:49	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			07/30/11 19:49	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/30/11 19:49	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/30/11 19:49	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 19:49	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 19:49	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/30/11 19:49	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/30/11 19:49	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 19:49	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 19:49	1
Ethylbenzene	<1.0		1.0		ug/L			07/30/11 19:49	1
Ethyl methacrylate	<1.0		1.0		ug/L			07/30/11 19:49	1
2-Hexanone	<10		10		ug/L			07/30/11 19:49	1
Iodomethane	<5.0		5.0		ug/L			07/30/11 19:49	1
Isobutyl alcohol	<40		40		ug/L			07/30/11 19:49	1
Methacrylonitrile	<20		20		ug/L			07/30/11 19:49	1
Methylene Chloride	<5.0		5.0		ug/L			07/30/11 19:49	1
Methyl methacrylate	<1.0		1.0		ug/L			07/30/11 19:49	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			07/30/11 19:49	1
Pentachloroethane	<5.0		5.0		ug/L			07/30/11 19:49	1
Propionitrile	<20		20		ug/L			07/30/11 19:49	1
Styrene	<1.0		1.0		ug/L			07/30/11 19:49	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 19:49	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 19:49	1
Tetrachloroethene	<1.0		1.0		ug/L			07/30/11 19:49	1
Toluene	<1.0		1.0		ug/L			07/30/11 19:49	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/30/11 19:49	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			07/30/11 19:49	1
Trichloroethene	<1.0		1.0		ug/L			07/30/11 19:49	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW03-072711

Lab Sample ID: 680-70818-10

Date Collected: 07/27/11 13:40

Matrix: Water

Date Received: 07/28/11 14:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			07/30/11 19:49	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			07/30/11 19:49	1
Vinyl acetate	<2.0		2.0		ug/L			07/30/11 19:49	1
Vinyl chloride	<1.0		1.0		ug/L			07/30/11 19:49	1
Xylenes, Total	<2.0		2.0		ug/L			07/30/11 19:49	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		70 - 130		07/30/11 19:49	1
Dibromofluoromethane	104		70 - 130		07/30/11 19:49	1
Toluene-d8 (Surr)	100		70 - 130		07/30/11 19:49	1

Client Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-DUP-072711

Lab Sample ID: 680-70818-11

Date Collected: 07/27/11 00:00

Matrix: Water

Date Received: 07/28/11 14:09

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			07/30/11 21:18	1
Acetonitrile	<40		40		ug/L			07/30/11 21:18	1
Acrolein	<20		20		ug/L			07/30/11 21:18	1
Acrylonitrile	<20		20		ug/L			07/30/11 21:18	1
Benzene	<1.0		1.0		ug/L			07/30/11 21:18	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/30/11 21:18	1
Bromoform	<1.0		1.0		ug/L			07/30/11 21:18	1
Bromomethane	<1.0		1.0		ug/L			07/30/11 21:18	1
2-Butanone (MEK)	<10		10		ug/L			07/30/11 21:18	1
Carbon disulfide	<2.0		2.0		ug/L			07/30/11 21:18	1
Carbon tetrachloride	<1.0		1.0		ug/L			07/30/11 21:18	1
Chlorobenzene	<1.0		1.0		ug/L			07/30/11 21:18	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			07/30/11 21:18	1
Chloroethane	<1.0		1.0		ug/L			07/30/11 21:18	1
Chloroform	<1.0		1.0		ug/L			07/30/11 21:18	1
Chloromethane	<1.0		1.0		ug/L			07/30/11 21:18	1
3-Chloro-1-propene	<1.0		1.0		ug/L			07/30/11 21:18	1
Chlorodibromomethane	<1.0		1.0		ug/L			07/30/11 21:18	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			07/30/11 21:18	1
Ethylene Dibromide	<1.0		1.0		ug/L			07/30/11 21:18	1
Dibromomethane	<1.0		1.0		ug/L			07/30/11 21:18	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			07/30/11 21:18	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			07/30/11 21:18	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/30/11 21:18	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/30/11 21:18	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 21:18	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 21:18	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/30/11 21:18	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/30/11 21:18	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 21:18	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 21:18	1
Ethylbenzene	<1.0		1.0		ug/L			07/30/11 21:18	1
Ethyl methacrylate	<1.0		1.0		ug/L			07/30/11 21:18	1
2-Hexanone	<10		10		ug/L			07/30/11 21:18	1
Iodomethane	<5.0		5.0		ug/L			07/30/11 21:18	1
Isobutyl alcohol	<40		40		ug/L			07/30/11 21:18	1
Methacrylonitrile	<20		20		ug/L			07/30/11 21:18	1
Methylene Chloride	<5.0		5.0		ug/L			07/30/11 21:18	1
Methyl methacrylate	<1.0		1.0		ug/L			07/30/11 21:18	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			07/30/11 21:18	1
Pentachloroethane	<5.0		5.0		ug/L			07/30/11 21:18	1
Propionitrile	<20		20		ug/L			07/30/11 21:18	1
Styrene	<1.0		1.0		ug/L			07/30/11 21:18	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 21:18	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 21:18	1
Tetrachloroethene	<1.0		1.0		ug/L			07/30/11 21:18	1
Toluene	<1.0		1.0		ug/L			07/30/11 21:18	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/30/11 21:18	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			07/30/11 21:18	1
Trichloroethene	<1.0		1.0		ug/L			07/30/11 21:18	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-DUP-072711

Lab Sample ID: 680-70818-11

Date Collected: 07/27/11 00:00

Matrix: Water

Date Received: 07/28/11 14:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			07/30/11 21:18	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			07/30/11 21:18	1
Vinyl acetate	<2.0		2.0		ug/L			07/30/11 21:18	1
Vinyl chloride	<1.0		1.0		ug/L			07/30/11 21:18	1
Xylenes, Total	<2.0		2.0		ug/L			07/30/11 21:18	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	98		70 - 130		07/30/11 21:18	1
Dibromofluoromethane	106		70 - 130		07/30/11 21:18	1
Toluene-d8 (Surr)	99		70 - 130		07/30/11 21:18	1

Client Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-70818-1

Project/Site: Hercules Hattiesburg APIX 7/27/11

Client Sample ID: Trip Blank 063011

Lab Sample ID: 680-70818-12

Date Collected: 07/27/11 00:00

Matrix: Water

Date Received: 07/28/11 14:09

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			07/30/11 14:24	1
Acetonitrile	<40		40		ug/L			07/30/11 14:24	1
Acrolein	<20		20		ug/L			07/30/11 14:24	1
Acrylonitrile	<20		20		ug/L			07/30/11 14:24	1
Benzene	<1.0		1.0		ug/L			07/30/11 14:24	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/30/11 14:24	1
Bromoform	<1.0		1.0		ug/L			07/30/11 14:24	1
Bromomethane	<1.0		1.0		ug/L			07/30/11 14:24	1
2-Butanone (MEK)	<10		10		ug/L			07/30/11 14:24	1
Carbon disulfide	<2.0		2.0		ug/L			07/30/11 14:24	1
Carbon tetrachloride	<1.0		1.0		ug/L			07/30/11 14:24	1
Chlorobenzene	<1.0		1.0		ug/L			07/30/11 14:24	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			07/30/11 14:24	1
Chloroethane	<1.0		1.0		ug/L			07/30/11 14:24	1
Chloroform	<1.0		1.0		ug/L			07/30/11 14:24	1
Chloromethane	<1.0		1.0		ug/L			07/30/11 14:24	1
3-Chloro-1-propene	<1.0		1.0		ug/L			07/30/11 14:24	1
Chlorodibromomethane	<1.0		1.0		ug/L			07/30/11 14:24	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			07/30/11 14:24	1
Ethylene Dibromide	<1.0		1.0		ug/L			07/30/11 14:24	1
Dibromomethane	<1.0		1.0		ug/L			07/30/11 14:24	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			07/30/11 14:24	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			07/30/11 14:24	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/30/11 14:24	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/30/11 14:24	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 14:24	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 14:24	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/30/11 14:24	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/30/11 14:24	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 14:24	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 14:24	1
Ethylbenzene	<1.0		1.0		ug/L			07/30/11 14:24	1
Ethyl methacrylate	<1.0		1.0		ug/L			07/30/11 14:24	1
2-Hexanone	<10		10		ug/L			07/30/11 14:24	1
Iodomethane	<5.0		5.0		ug/L			07/30/11 14:24	1
Isobutyl alcohol	<40		40		ug/L			07/30/11 14:24	1
Methacrylonitrile	<20		20		ug/L			07/30/11 14:24	1
Methylene Chloride	<5.0		5.0		ug/L			07/30/11 14:24	1
Methyl methacrylate	<1.0		1.0		ug/L			07/30/11 14:24	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			07/30/11 14:24	1
Pentachloroethane	<5.0		5.0		ug/L			07/30/11 14:24	1
Propionitrile	<20		20		ug/L			07/30/11 14:24	1
Styrene	<1.0		1.0		ug/L			07/30/11 14:24	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 14:24	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 14:24	1
Tetrachloroethene	<1.0		1.0		ug/L			07/30/11 14:24	1
Toluene	<1.0		1.0		ug/L			07/30/11 14:24	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/30/11 14:24	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			07/30/11 14:24	1
Trichloroethene	<1.0		1.0		ug/L			07/30/11 14:24	1

Client Sample Results

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: Trip Blank 063011

Lab Sample ID: 680-70818-12

Date Collected: 07/27/11 00:00

Matrix: Water

Date Received: 07/28/11 14:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	<1.0		1.0		ug/L			07/30/11 14:24	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			07/30/11 14:24	1
Vinyl acetate	<2.0		2.0		ug/L			07/30/11 14:24	1
Vinyl chloride	<1.0		1.0		ug/L			07/30/11 14:24	1
Xylenes, Total	<2.0		2.0		ug/L			07/30/11 14:24	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		70 - 130		07/30/11 14:24	1
Dibromofluoromethane	109		70 - 130		07/30/11 14:24	1
Toluene-d8 (Surr)	98		70 - 130		07/30/11 14:24	1



Surrogate Summary

Client: Ashland Inc.

TestAmerica Job ID: 680-70818-1

Project/Site: Hercules Hattiesburg APIX 7/27/11

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (70-130)	DBFM (70-130)	TOL (70-130)
680-70818-1	ASH-MW24-072711	92	106	101
680-70818-2	ASH-MW22-072711	104	105	102
680-70818-2 MS	ASH-MW22-072711	103	110	103
680-70818-2 MSD	ASH-MW22-072711	104	105	96
680-70818-3	ASH-MW18-072711	96	106	100
680-70818-4	ASH-MW20-072711	94	105	102
680-70818-5	ASH-MW12-072711	99	107	99
680-70818-6	ASH-MW02-072711	95	107	98
680-70818-7	ASH-MW04-072711	102	109	100
680-70818-8	ASH-MW11-072711	97	110	104
680-70818-9	ASH-MW10-072711	94	107	99
680-70818-10	ASH-MW03-072711	93	104	100
680-70818-11	ASH-DUP-072711	98	106	99
680-70818-12	Trip Blank 063011	93	109	98
LCS 680-210624/5	Lab Control Sample	107	107	102
LCS 680-210665/8	Lab Control Sample	92	89	92
LCS 680-210908/6	Lab Control Sample	110	110	105
LCSD 680-210624/6	Lab Control Sample Dup	105	102	100
LCSD 680-210665/9	Lab Control Sample Dup	110	109	107
LCSD 680-210908/8	Lab Control Sample Dup	93	90	91
MB 680-210624/8	Method Blank	92	106	100
MB 680-210665/11	Method Blank	103	103	102
MB 680-210908/9	Method Blank	97	108	102

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (38-130)	2FP (25-130)	NBZ (39-130)	PHL (25-130)	TPH (10-143)	TBP (31-141)
680-70818-5	ASH-MW12-072711	74	57	71	46	90	91
680-70818-5 MS	ASH-MW12-072711	79	68	81	74	87	93
680-70818-5 MSD	ASH-MW12-072711	63	50	62	55	82	89
680-70818-6	ASH-MW02-072711	63	58	65	54	80	80
680-70818-6 MS	ASH-MW02-072711	62	52	59	45	65	77
680-70818-6 MSD	ASH-MW02-072711	69	55	69	55	80	87
680-70818-7	ASH-MW04-072711	71	60	67	56	37	88
LCS 680-210688/10-A	Lab Control Sample	85	73	83	81	91	98
LCS 680-210688/16-A	Lab Control Sample	74	67	79	69	91	91
MB 680-210688/9-A	Method Blank	86	78	87	75	101	91

Surrogate Legend

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol

NBZ = Nitrobenzene-d5

PHL = Phenol-d5

Surrogate Summary

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

TPH = Terphenyl-d14
TBP = 2,4,6-Tribromophenol

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TCX1 (36-130)	TCX2 (36-130)	DCB1 (40-130)	DCB2 (40-130)
680-70818-5	ASH-MW12-072711	61	60	67	56
680-70818-5 MS	ASH-MW12-072711	64	65	68	55
680-70818-5 MSD	ASH-MW12-072711	55	57	63	51
680-70818-6	ASH-MW02-072711	54	54	26 X	22 X
680-70818-7	ASH-MW04-072711	38	45	11 X	12 X
LCS 680-210403/10-A	Lab Control Sample	70	73	79	67
LCS 680-210403/13-A	Lab Control Sample	73	78	85	75
LCS 680-210403/18-A	Lab Control Sample	68	71	61	49
LCSD 680-210403/17-A	Lab Control Sample Dup	70	67	78	67
LCSD 680-210403/19-A	Lab Control Sample Dup	60	63	67	57
MB 680-210403/9-A	Method Blank	66	68	65	53

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

Method: 8151A - Herbicides (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		D CPA1 (52-151)	D CPA2 (52-151)
680-70818-5	ASH-MW12-072711	87	85
680-70818-6	ASH-MW02-072711	87	84
680-70818-7	ASH-MW04-072711	97 p	241 X
LCS 680-210385/11-A	Lab Control Sample	92	98
MB 680-210385/10-A	Method Blank	92	77

Surrogate Legend

D CPA = DCAA

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-210624/8

Matrix: Water

Analysis Batch: 210624

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			07/30/11 13:55	1
Acetonitrile	<40		40		ug/L			07/30/11 13:55	1
Acrolein	<20		20		ug/L			07/30/11 13:55	1
Acrylonitrile	<20		20		ug/L			07/30/11 13:55	1
Benzene	<1.0		1.0		ug/L			07/30/11 13:55	1
Dichlorobromomethane	<1.0		1.0		ug/L			07/30/11 13:55	1
Bromoform	<1.0		1.0		ug/L			07/30/11 13:55	1
Bromomethane	<1.0		1.0		ug/L			07/30/11 13:55	1
2-Butanone (MEK)	<10		10		ug/L			07/30/11 13:55	1
Carbon disulfide	<2.0		2.0		ug/L			07/30/11 13:55	1
Carbon tetrachloride	<1.0		1.0		ug/L			07/30/11 13:55	1
Chlorobenzene	<1.0		1.0		ug/L			07/30/11 13:55	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			07/30/11 13:55	1
Chloroethane	<1.0		1.0		ug/L			07/30/11 13:55	1
Chloroform	<1.0		1.0		ug/L			07/30/11 13:55	1
Chloromethane	<1.0		1.0		ug/L			07/30/11 13:55	1
3-Chloro-1-propene	<1.0		1.0		ug/L			07/30/11 13:55	1
Chlorodibromomethane	<1.0		1.0		ug/L			07/30/11 13:55	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			07/30/11 13:55	1
Ethylene Dibromide	<1.0		1.0		ug/L			07/30/11 13:55	1
Dibromomethane	<1.0		1.0		ug/L			07/30/11 13:55	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			07/30/11 13:55	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			07/30/11 13:55	1
1,1-Dichloroethane	<1.0		1.0		ug/L			07/30/11 13:55	1
1,2-Dichloroethane	<1.0		1.0		ug/L			07/30/11 13:55	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 13:55	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 13:55	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/30/11 13:55	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/30/11 13:55	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 13:55	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 13:55	1
Ethylbenzene	<1.0		1.0		ug/L			07/30/11 13:55	1
Ethyl methacrylate	<1.0		1.0		ug/L			07/30/11 13:55	1
2-Hexanone	<10		10		ug/L			07/30/11 13:55	1
Iodomethane	<5.0		5.0		ug/L			07/30/11 13:55	1
Isobutyl alcohol	<40		40		ug/L			07/30/11 13:55	1
Methacrylonitrile	<20		20		ug/L			07/30/11 13:55	1
Methylene Chloride	<5.0		5.0		ug/L			07/30/11 13:55	1
Methyl methacrylate	<1.0		1.0		ug/L			07/30/11 13:55	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			07/30/11 13:55	1
Pentachloroethane	<5.0		5.0		ug/L			07/30/11 13:55	1
Propionitrile	<20		20		ug/L			07/30/11 13:55	1
Styrene	<1.0		1.0		ug/L			07/30/11 13:55	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 13:55	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 13:55	1
Tetrachloroethene	<1.0		1.0		ug/L			07/30/11 13:55	1
Toluene	<1.0		1.0		ug/L			07/30/11 13:55	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/30/11 13:55	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			07/30/11 13:55	1

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

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

Lab Sample ID: MB 680-210624/8

Matrix: Water

Analysis Batch: 210624

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<1.0		1.0		ug/L			07/30/11 13:55	1
Trichlorofluoromethane	<1.0		1.0		ug/L			07/30/11 13:55	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			07/30/11 13:55	1
Vinyl acetate	<2.0		2.0		ug/L			07/30/11 13:55	1
Vinyl chloride	<1.0		1.0		ug/L			07/30/11 13:55	1
Xylenes, Total	<2.0		2.0		ug/L			07/30/11 13:55	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		70 - 130		07/30/11 13:55	1
Dibromofluoromethane	106		70 - 130		07/30/11 13:55	1
Toluene-d8 (Surr)	100		70 - 130		07/30/11 13:55	1

Lab Sample ID: LCS 680-210624/5

Matrix: Water

Analysis Batch: 210624

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	100	126		ug/L		126	26 - 180
Benzene	50.0	49.6		ug/L		99	70 - 130
Dichlorobromomethane	50.0	44.9		ug/L		90	70 - 130
Bromoform	50.0	37.3		ug/L		75	70 - 130
Bromomethane	50.0	41.7		ug/L		83	23 - 165
2-Butanone (MEK)	100	105		ug/L		105	49 - 172
Carbon disulfide	50.0	47.2		ug/L		94	54 - 132
Carbon tetrachloride	50.0	39.2		ug/L		78	70 - 130
Chlorobenzene	50.0	52.8		ug/L		106	70 - 130
Chloroethane	50.0	48.3		ug/L		97	56 - 152
Chloroform	50.0	50.9		ug/L		102	70 - 130
Chloromethane	50.0	57.0		ug/L		114	70 - 130
Chlorodibromomethane	50.0	41.4		ug/L		83	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	36.4		ug/L		73	70 - 130
Ethylene Dibromide	50.0	50.8		ug/L		102	70 - 130
Dibromomethane	50.0	50.6		ug/L		101	70 - 130
Dichlorodifluoromethane	50.0	54.6		ug/L		109	44 - 146
1,1-Dichloroethane	50.0	49.1		ug/L		98	70 - 130
1,2-Dichloroethane	50.0	49.7		ug/L		99	70 - 130
cis-1,2-Dichloroethane	50.0	52.1		ug/L		104	70 - 130
trans-1,2-Dichloroethane	50.0	51.9		ug/L		104	70 - 130
1,1,1-Dichloroethane	50.0	52.9		ug/L		106	66 - 131
1,2-Dichloropropane	50.0	48.3		ug/L		97	70 - 130
cis-1,3-Dichloropropene	50.0	45.0		ug/L		90	70 - 130
trans-1,3-Dichloropropene	50.0	44.0		ug/L		88	70 - 130
Ethylbenzene	50.0	51.1		ug/L		102	70 - 130
2-Hexanone	100	111		ug/L		111	42 - 185
Methylene Chloride	50.0	52.7		ug/L		105	67 - 130
4-Methyl-2-pentanone (MIBK)	100	94.9		ug/L		95	70 - 130
Styrene	50.0	55.0		ug/L		110	70 - 130
1,1,1,2-Tetrachloroethane	50.0	44.5		ug/L		89	70 - 130
1,1,2,2-Tetrachloroethane	50.0	52.1		ug/L		104	70 - 130

QC Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-70818-1

Project/Site: Hercules Hattiesburg APIX 7/27/11

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

Lab Sample ID: LCS 680-210624/5

Matrix: Water

Analysis Batch: 210624

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	
Tetrachloroethene	50.0	53.9		ug/L		108	70 - 130	
Toluene	50.0	49.5		ug/L		99	70 - 130	
1,1,1-Trichloroethane	50.0	46.4		ug/L		93	70 - 130	
1,1,2-Trichloroethane	50.0	49.9		ug/L		100	70 - 130	
Trichloroethene	50.0	52.2		ug/L		104	70 - 130	
Trichlorofluoromethane	50.0	53.1		ug/L		106	55 - 156	
1,2,3-Trichloropropane	50.0	52.8		ug/L		106	70 - 130	
Vinyl acetate	100	91.4		ug/L		91	60 - 176	
Vinyl chloride	50.0	53.6		ug/L		107	67 - 134	
Xylenes, Total	150	159		ug/L		106	70 - 130	

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	107		70 - 130
Dibromofluoromethane	107		70 - 130
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: LCSD 680-210624/6

Matrix: Water

Analysis Batch: 210624

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	Limit
							Limits			
Acetone	100	121		ug/L		121	26 - 180	4	50	
Benzene	50.0	48.4		ug/L		97	70 - 130	2	30	
Dichlorobromomethane	50.0	45.2		ug/L		90	70 - 130	0	30	
Bromoform	50.0	38.2		ug/L		76	70 - 130	2	30	
Bromomethane	50.0	35.1		ug/L		70	23 - 165	17	50	
2-Butanone (MEK)	100	104		ug/L		104	49 - 172	2	30	
Carbon disulfide	50.0	45.0		ug/L		90	54 - 132	5	30	
Carbon tetrachloride	50.0	39.4		ug/L		79	70 - 130	1	30	
Chlorobenzene	50.0	52.1		ug/L		104	70 - 130	1	30	
Chloroethane	50.0	45.7		ug/L		91	56 - 152	5	40	
Chloroform	50.0	49.0		ug/L		98	70 - 130	4	30	
Chloromethane	50.0	53.5		ug/L		107	70 - 130	6	30	
Chlorodibromomethane	50.0	41.4		ug/L		83	70 - 130	0	50	
1,2-Dibromo-3-Chloropropane	50.0	38.3		ug/L		77	70 - 130	5	50	
Ethylene Dibromide	50.0	50.7		ug/L		101	70 - 130	0	30	
Dibromomethane	50.0	50.5		ug/L		101	70 - 130	0	30	
Dichlorodifluoromethane	50.0	52.8		ug/L		106	44 - 146	3	50	
1,1-Dichloroethane	50.0	47.9		ug/L		96	70 - 130	2	30	
1,2-Dichloroethane	50.0	49.6		ug/L		99	70 - 130	0	30	
cis-1,2-Dichloroethane	50.0	49.6		ug/L		99	70 - 130	5	30	
trans-1,2-Dichloroethane	50.0	49.4		ug/L		99	70 - 130	5	30	
1,1-Dichloroethane	50.0	51.8		ug/L		104	66 - 131	2	30	
1,2-Dichloropropane	50.0	48.5		ug/L		97	70 - 130	1	30	
cis-1,3-Dichloropropene	50.0	44.2		ug/L		88	70 - 130	2	30	
trans-1,3-Dichloropropene	50.0	44.2		ug/L		88	70 - 130	0	50	
Ethylbenzene	50.0	49.4		ug/L		99	70 - 130	3	30	
2-Hexanone	100	114		ug/L		114	42 - 185	2	30	
Methylene Chloride	50.0	50.1		ug/L		100	67 - 130	5	30	

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

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

Lab Sample ID: LCSD 680-210624/6

Matrix: Water

Analysis Batch: 210624

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	Limit
							Limits	RPD		
4-Methyl-2-pentanone (MIBK)	100	96.3		ug/L		96	70 - 130	1	30	
Styrene	50.0	53.5		ug/L		107	70 - 130	3	30	
1,1,1,2-Tetrachloroethane	50.0	44.5		ug/L		89	70 - 130	0	30	
1,1,1,2,2-Tetrachloroethane	50.0	51.3		ug/L		103	70 - 130	2	30	
Tetrachloroethene	50.0	53.3		ug/L		107	70 - 130	1	30	
Toluene	50.0	48.3		ug/L		97	70 - 130	3	30	
1,1,1-Trichloroethane	50.0	45.5		ug/L		91	70 - 130	2	30	
1,1,2-Trichloroethane	50.0	50.3		ug/L		101	70 - 130	1	30	
Trichloroethene	50.0	50.6		ug/L		101	70 - 130	3	30	
Trichlorofluoromethane	50.0	50.9		ug/L		102	55 - 156	4	30	
1,2,3-Trichloropropane	50.0	53.5		ug/L		107	70 - 130	1	30	
Vinyl acetate	100	93.5		ug/L		93	60 - 176	2	30	
Vinyl chloride	50.0	51.8		ug/L		104	67 - 134	3	30	
Xylenes, Total	150	154		ug/L		103	70 - 130	3	30	

Surrogate	LCSD LCSD		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	105		70 - 130
Dibromofluoromethane	102		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: MB 680-210665/11

Matrix: Water

Analysis Batch: 210665

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	<25		25		ug/L		07/30/11 14:10	14:10	1
Acetonitrile	<40		40		ug/L		07/30/11 14:10	14:10	1
Acrolein	<20		20		ug/L		07/30/11 14:10	14:10	1
Acrylonitrile	<20		20		ug/L		07/30/11 14:10	14:10	1
Benzene	<1.0		1.0		ug/L		07/30/11 14:10	14:10	1
Dichlorobromomethane	<1.0		1.0		ug/L		07/30/11 14:10	14:10	1
Bromoform	<1.0		1.0		ug/L		07/30/11 14:10	14:10	1
Bromomethane	<1.0		1.0		ug/L		07/30/11 14:10	14:10	1
2-Butanone (MEK)	<10		10		ug/L		07/30/11 14:10	14:10	1
Carbon disulfide	<2.0		2.0		ug/L		07/30/11 14:10	14:10	1
Carbon tetrachloride	<1.0		1.0		ug/L		07/30/11 14:10	14:10	1
Chlorobenzene	<1.0		1.0		ug/L		07/30/11 14:10	14:10	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L		07/30/11 14:10	14:10	1
Chloroethane	<1.0		1.0		ug/L		07/30/11 14:10	14:10	1
Chloroform	<1.0		1.0		ug/L		07/30/11 14:10	14:10	1
Chloromethane	<1.0		1.0		ug/L		07/30/11 14:10	14:10	1
3-Chloro-1-propene	<1.0		1.0		ug/L		07/30/11 14:10	14:10	1
Chlorodibromomethane	<1.0		1.0		ug/L		07/30/11 14:10	14:10	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L		07/30/11 14:10	14:10	1
Ethylene Dibromide	<1.0		1.0		ug/L		07/30/11 14:10	14:10	1
Dibromomethane	<1.0		1.0		ug/L		07/30/11 14:10	14:10	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L		07/30/11 14:10	14:10	1
Dichlorodifluoromethane	<1.0		1.0		ug/L		07/30/11 14:10	14:10	1
1,1-Dichloroethane	<1.0		1.0		ug/L		07/30/11 14:10	14:10	1

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

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

Lab Sample ID: MB 680-210665/11

Matrix: Water

Analysis Batch: 210665

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2-Dichloroethane	<1.0		1.0		ug/L			07/30/11 14:10	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 14:10	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			07/30/11 14:10	1
1,1-Dichloroethene	<1.0		1.0		ug/L			07/30/11 14:10	1
1,2-Dichloropropane	<1.0		1.0		ug/L			07/30/11 14:10	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 14:10	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			07/30/11 14:10	1
Ethylbenzene	<1.0		1.0		ug/L			07/30/11 14:10	1
Ethyl methacrylate	<1.0		1.0		ug/L			07/30/11 14:10	1
2-Hexanone	<10		10		ug/L			07/30/11 14:10	1
Iodomethane	<5.0		5.0		ug/L			07/30/11 14:10	1
Isobutyl alcohol	<40		40		ug/L			07/30/11 14:10	1
Methacrylonitrile	<20		20		ug/L			07/30/11 14:10	1
Methylene Chloride	<5.0		5.0		ug/L			07/30/11 14:10	1
Methyl methacrylate	<1.0		1.0		ug/L			07/30/11 14:10	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			07/30/11 14:10	1
Pentachloroethane	<5.0		5.0		ug/L			07/30/11 14:10	1
Propionitrile	<20		20		ug/L			07/30/11 14:10	1
Styrene	<1.0		1.0		ug/L			07/30/11 14:10	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 14:10	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			07/30/11 14:10	1
Tetrachloroethene	<1.0		1.0		ug/L			07/30/11 14:10	1
Toluene	<1.0		1.0		ug/L			07/30/11 14:10	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			07/30/11 14:10	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			07/30/11 14:10	1
Trichloroethene	<1.0		1.0		ug/L			07/30/11 14:10	1
Trichlorofluoromethane	<1.0		1.0		ug/L			07/30/11 14:10	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			07/30/11 14:10	1
Vinyl acetate	<2.0		2.0		ug/L			07/30/11 14:10	1
Vinyl chloride	<1.0		1.0		ug/L			07/30/11 14:10	1
Xylenes, Total	<2.0		2.0		ug/L			07/30/11 14:10	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
4-Bromofluorobenzene	103		70 - 130		07/30/11 14:10	1
Dibromofluoromethane	103		70 - 130		07/30/11 14:10	1
Toluene-d8 (Surr)	102		70 - 130		07/30/11 14:10	1

Lab Sample ID: LCS 680-210665/8

Matrix: Water

Analysis Batch: 210665

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec.
		Result	Qualifier				Limits
Acetone	100	118		ug/L		118	26 - 180
Benzene	50.0	43.6		ug/L		87	70 - 130
Dichlorobromomethane	50.0	38.7		ug/L		77	70 - 130
Bromoform	50.0	30.6	*	ug/L		61	70 - 130
Bromomethane	50.0	38.4		ug/L		77	23 - 165
2-Butanone (MEK)	100	101		ug/L		101	49 - 172
Carbon disulfide	50.0	44.4		ug/L		89	54 - 132

QC Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-70818-1

Project/Site: Hercules Hattiesburg APIX 7/27/11

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

Lab Sample ID: LCS 680-210665/8

Matrix: Water

Analysis Batch: 210665

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	31.7	*	ug/L		63	70 - 130	
Chlorobenzene	50.0	47.2		ug/L		94	70 - 130	
Chloroethane	50.0	47.2		ug/L		94	56 - 152	
Chloroform	50.0	43.4		ug/L		87	70 - 130	
Chloromethane	50.0	53.9		ug/L		108	70 - 130	
Chlorodibromomethane	50.0	34.5	*	ug/L		69	70 - 130	
1,2-Dibromo-3-Chloropropane	50.0	40.3		ug/L		81	70 - 130	
Ethylene Dibromide	50.0	45.9		ug/L		92	70 - 130	
Dibromomethane	50.0	43.8		ug/L		88	70 - 130	
Dichlorodifluoromethane	50.0	49.1		ug/L		98	44 - 146	
1,1-Dichloroethane	50.0	41.8		ug/L		84	70 - 130	
1,2-Dichloroethane	50.0	42.5		ug/L		85	70 - 130	
cis-1,2-Dichloroethane	50.0	43.3		ug/L		87	70 - 130	
trans-1,2-Dichloroethane	50.0	43.0		ug/L		86	70 - 130	
1,1-Dichloroethane	50.0	43.6		ug/L		87	66 - 131	
1,2-Dichloropropane	50.0	42.2		ug/L		84	70 - 130	
cis-1,3-Dichloropropene	50.0	39.6		ug/L		79	70 - 130	
trans-1,3-Dichloropropene	50.0	39.7		ug/L		79	70 - 130	
Ethylbenzene	50.0	43.8		ug/L		88	70 - 130	
2-Hexanone	100	93.7		ug/L		94	42 - 185	
Methylene Chloride	50.0	46.1		ug/L		92	67 - 130	
4-Methyl-2-pentanone (MIBK)	100	88.3		ug/L		88	70 - 130	
Styrene	50.0	46.5		ug/L		93	70 - 130	
1,1,1,2-Tetrachloroethane	50.0	37.4		ug/L		75	70 - 130	
1,1,1,2,2-Tetrachloroethane	50.0	46.4		ug/L		93	70 - 130	
Tetrachloroethane	50.0	45.1		ug/L		90	70 - 130	
Toluene	50.0	44.2		ug/L		88	70 - 130	
1,1,1-Trichloroethane	50.0	39.8		ug/L		80	70 - 130	
1,1,2-Trichloroethane	50.0	44.6		ug/L		89	70 - 130	
Trichloroethane	50.0	43.6		ug/L		87	70 - 130	
Trichlorofluoromethane	50.0	46.0		ug/L		92	55 - 156	
1,2,3-Trichloropropane	50.0	47.1		ug/L		94	70 - 130	
Vinyl acetate	100	83.2		ug/L		83	60 - 176	
Vinyl chloride	50.0	46.8		ug/L		94	67 - 134	
Xylenes, Total	150	136		ug/L		90	70 - 130	

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	92		70 - 130
Dibromofluoromethane	89		70 - 130
Toluene-d8 (Surr)	92		70 - 130

Lab Sample ID: LCSD 680-210665/9

Matrix: Water

Analysis Batch: 210665

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	
							Limits		RPD	Limit
Acetone	100	130		ug/L		130	26 - 180	10	50	
Benzene	50.0	50.6		ug/L		101	70 - 130	15	30	
Dichlorobromomethane	50.0	47.4		ug/L		95	70 - 130	20	30	

QC Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-70818-1

Project/Site: Hercules Hattiesburg APIX 7/27/11

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

Lab Sample ID: LCSD 680-210665/9

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 210665

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	Limit
							Limits	RPD		
Bromoform	50.0	40.6		ug/L		81	70 - 130	28	30	
Bromomethane	50.0	42.3		ug/L		85	23 - 165	10	50	
2-Butanone (MEK)	100	120		ug/L		120	49 - 172	17	30	
Carbon disulfide	50.0	51.4		ug/L		103	54 - 132	15	30	
Carbon tetrachloride	50.0	39.5		ug/L		79	70 - 130	22	30	
Chlorobenzene	50.0	56.4		ug/L		113	70 - 130	18	30	
Chloroethane	50.0	55.3		ug/L		111	56 - 152	16	40	
Chloroform	50.0	52.7		ug/L		105	70 - 130	19	30	
Chloromethane	50.0	62.6		ug/L		125	70 - 130	15	30	
Chlorodibromomethane	50.0	45.6		ug/L		91	70 - 130	28	50	
1,2-Dibromo-3-Chloropropane	50.0	50.1		ug/L		100	70 - 130	22	50	
Ethylene Dibromide	50.0	54.8		ug/L		110	70 - 130	18	30	
Dibromomethane	50.0	53.6		ug/L		107	70 - 130	20	30	
Dichlorodifluoromethane	50.0	55.3		ug/L		111	44 - 146	12	50	
1,1-Dichloroethane	50.0	51.1		ug/L		102	70 - 130	20	30	
1,2-Dichloroethane	50.0	49.8		ug/L		100	70 - 130	16	30	
cis-1,2-Dichloroethane	50.0	52.2		ug/L		104	70 - 130	19	30	
trans-1,2-Dichloroethane	50.0	51.4		ug/L		103	70 - 130	18	30	
1,1,1-Dichloroethane	50.0	53.1		ug/L		106	66 - 131	20	30	
1,2-Dichloropropane	50.0	50.9		ug/L		102	70 - 130	19	30	
cis-1,3-Dichloropropene	50.0	48.4		ug/L		97	70 - 130	20	30	
trans-1,3-Dichloropropene	50.0	47.9		ug/L		96	70 - 130	19	50	
Ethylbenzene	50.0	53.6		ug/L		107	70 - 130	20	30	
2-Hexanone	100	113		ug/L		113	42 - 185	19	30	
Methylene Chloride	50.0	52.9		ug/L		106	67 - 130	14	30	
4-Methyl-2-pentanone (MIBK)	100	101		ug/L		101	70 - 130	14	30	
Styrene	50.0	55.7		ug/L		111	70 - 130	18	30	
1,1,1,2-Tetrachloroethane	50.0	48.6		ug/L		97	70 - 130	26	30	
1,1,1,2,2-Tetrachloroethane	50.0	54.8		ug/L		110	70 - 130	17	30	
Tetrachloroethene	50.0	57.0		ug/L		114	70 - 130	23	30	
Toluene	50.0	50.5		ug/L		101	70 - 130	13	30	
1,1,1-Trichloroethane	50.0	48.0		ug/L		96	70 - 130	19	30	
1,1,2-Trichloroethane	50.0	52.2		ug/L		104	70 - 130	16	30	
Trichloroethene	50.0	53.1		ug/L		106	70 - 130	20	30	
Trichlorofluoromethane	50.0	55.8		ug/L		112	55 - 156	19	30	
1,2,3-Trichloropropane	50.0	55.4		ug/L		111	70 - 130	16	30	
Vinyl acetate	100	98.7		ug/L		99	60 - 176	17	30	
Vinyl chloride	50.0	54.6		ug/L		109	67 - 134	15	30	
Xylenes, Total	150	165		ug/L		110	70 - 130	20	30	

Surrogate	LCSD LCSD		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	110		70 - 130
Dibromofluoromethane	109		70 - 130
Toluene-d8 (Surr)	107		70 - 130

QC Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-70818-1

Project/Site: Hercules Hattiesburg APIX 7/27/11

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

Lab Sample ID: MB 680-210908/9

Matrix: Water

Analysis Batch: 210908

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L			08/01/11 17:25	1
Acetonitrile	<40		40		ug/L			08/01/11 17:25	1
Acrolein	<20		20		ug/L			08/01/11 17:25	1
Acrylonitrile	<20		20		ug/L			08/01/11 17:25	1
Benzene	<1.0		1.0		ug/L			08/01/11 17:25	1
Dichlorobromomethane	<1.0		1.0		ug/L			08/01/11 17:25	1
Bromoform	<1.0		1.0		ug/L			08/01/11 17:25	1
Bromomethane	<1.0		1.0		ug/L			08/01/11 17:25	1
2-Butanone (MEK)	<10		10		ug/L			08/01/11 17:25	1
Carbon disulfide	<2.0		2.0		ug/L			08/01/11 17:25	1
Carbon tetrachloride	<1.0		1.0		ug/L			08/01/11 17:25	1
Chlorobenzene	<1.0		1.0		ug/L			08/01/11 17:25	1
2-Chloro-1,3-butadiene	<1.0		1.0		ug/L			08/01/11 17:25	1
Chloroethane	<1.0		1.0		ug/L			08/01/11 17:25	1
Chloroform	<1.0		1.0		ug/L			08/01/11 17:25	1
Chloromethane	<1.0		1.0		ug/L			08/01/11 17:25	1
3-Chloro-1-propene	<1.0		1.0		ug/L			08/01/11 17:25	1
Chlorodibromomethane	<1.0		1.0		ug/L			08/01/11 17:25	1
1,2-Dibromo-3-Chloropropane	<1.0		1.0		ug/L			08/01/11 17:25	1
Ethylene Dibromide	<1.0		1.0		ug/L			08/01/11 17:25	1
Dibromomethane	<1.0		1.0		ug/L			08/01/11 17:25	1
trans-1,4-Dichloro-2-butene	<2.0		2.0		ug/L			08/01/11 17:25	1
Dichlorodifluoromethane	<1.0		1.0		ug/L			08/01/11 17:25	1
1,1-Dichloroethane	<1.0		1.0		ug/L			08/01/11 17:25	1
1,2-Dichloroethane	<1.0		1.0		ug/L			08/01/11 17:25	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			08/01/11 17:25	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			08/01/11 17:25	1
1,1-Dichloroethene	<1.0		1.0		ug/L			08/01/11 17:25	1
1,2-Dichloropropane	<1.0		1.0		ug/L			08/01/11 17:25	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			08/01/11 17:25	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			08/01/11 17:25	1
Ethylbenzene	<1.0		1.0		ug/L			08/01/11 17:25	1
Ethyl methacrylate	<1.0		1.0		ug/L			08/01/11 17:25	1
2-Hexanone	<10		10		ug/L			08/01/11 17:25	1
Iodomethane	<5.0		5.0		ug/L			08/01/11 17:25	1
Isobutyl alcohol	<40		40		ug/L			08/01/11 17:25	1
Methacrylonitrile	<20		20		ug/L			08/01/11 17:25	1
Methylene Chloride	<5.0		5.0		ug/L			08/01/11 17:25	1
Methyl methacrylate	<1.0		1.0		ug/L			08/01/11 17:25	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			08/01/11 17:25	1
Pentachloroethane	<5.0		5.0		ug/L			08/01/11 17:25	1
Propionitrile	<20		20		ug/L			08/01/11 17:25	1
Styrene	<1.0		1.0		ug/L			08/01/11 17:25	1
1,1,1,2-Tetrachloroethane	<1.0		1.0		ug/L			08/01/11 17:25	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			08/01/11 17:25	1
Tetrachloroethene	<1.0		1.0		ug/L			08/01/11 17:25	1
Toluene	<1.0		1.0		ug/L			08/01/11 17:25	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			08/01/11 17:25	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			08/01/11 17:25	1

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

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

Lab Sample ID: MB 680-210908/9

Matrix: Water

Analysis Batch: 210908

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<1.0		1.0		ug/L			08/01/11 17:25	1
Trichlorofluoromethane	<1.0		1.0		ug/L			08/01/11 17:25	1
1,2,3-Trichloropropane	<1.0		1.0		ug/L			08/01/11 17:25	1
Vinyl acetate	<2.0		2.0		ug/L			08/01/11 17:25	1
Vinyl chloride	<1.0		1.0		ug/L			08/01/11 17:25	1
Xylenes, Total	<2.0		2.0		ug/L			08/01/11 17:25	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		70 - 130		08/01/11 17:25	1
Dibromofluoromethane	108		70 - 130		08/01/11 17:25	1
Toluene-d8 (Surr)	102		70 - 130		08/01/11 17:25	1

Lab Sample ID: LCS 680-210908/6

Matrix: Water

Analysis Batch: 210908

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	100	130		ug/L		130	26 - 180
Benzene	50.0	51.5		ug/L		103	70 - 130
Dichlorobromomethane	50.0	46.6		ug/L		93	70 - 130
Bromoform	50.0	36.0		ug/L		72	70 - 130
Bromomethane	50.0	24.5		ug/L		49	23 - 165
2-Butanone (MEK)	100	117		ug/L		117	49 - 172
Carbon disulfide	50.0	51.0		ug/L		102	54 - 132
Carbon tetrachloride	50.0	40.3		ug/L		81	70 - 130
Chlorobenzene	50.0	54.2		ug/L		108	70 - 130
Chloroethane	50.0	49.4		ug/L		99	56 - 152
Chloroform	50.0	53.7		ug/L		107	70 - 130
Chloromethane	50.0	57.3		ug/L		115	70 - 130
Chlorodibromomethane	50.0	41.8		ug/L		84	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	40.7		ug/L		81	70 - 130
Ethylene Dibromide	50.0	54.1		ug/L		108	70 - 130
Dibromomethane	50.0	54.7		ug/L		109	70 - 130
Dichlorodifluoromethane	50.0	57.1		ug/L		114	44 - 146
1,1-Dichloroethane	50.0	51.5		ug/L		103	70 - 130
1,2-Dichloroethane	50.0	52.5		ug/L		105	70 - 130
cis-1,2-Dichloroethane	50.0	54.1		ug/L		108	70 - 130
trans-1,2-Dichloroethane	50.0	53.7		ug/L		107	70 - 130
1,1-Dichloroethane	50.0	55.6		ug/L		111	66 - 131
1,2-Dichloropropane	50.0	51.7		ug/L		103	70 - 130
cis-1,3-Dichloropropene	50.0	47.0		ug/L		94	70 - 130
trans-1,3-Dichloropropene	50.0	46.5		ug/L		93	70 - 130
Ethylbenzene	50.0	51.8		ug/L		104	70 - 130
2-Hexanone	100	121		ug/L		121	42 - 185
Methylene Chloride	50.0	55.9		ug/L		112	67 - 130
4-Methyl-2-pentanone (MIBK)	100	104		ug/L		104	70 - 130
Styrene	50.0	56.3		ug/L		113	70 - 130
1,1,1,2-Tetrachloroethane	50.0	44.4		ug/L		89	70 - 130
1,1,2,2-Tetrachloroethane	50.0	54.1		ug/L		108	70 - 130

QC Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-70818-1

Project/Site: Hercules Hattiesburg APIX 7/27/11

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

Lab Sample ID: LCS 680-210908/6

Matrix: Water

Analysis Batch: 210908

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	
							Limits	
Tetrachloroethene	50.0	56.4		ug/L		113	70 - 130	
Toluene	50.0	51.5		ug/L		103	70 - 130	
1,1,1-Trichloroethane	50.0	48.3		ug/L		97	70 - 130	
1,1,2-Trichloroethane	50.0	54.3		ug/L		109	70 - 130	
Trichloroethene	50.0	55.1		ug/L		110	70 - 130	
Trichlorofluoromethane	50.0	54.9		ug/L		110	55 - 156	
1,2,3-Trichloropropane	50.0	56.2		ug/L		112	70 - 130	
Vinyl acetate	100	96.3		ug/L		96	60 - 176	
Vinyl chloride	50.0	55.9		ug/L		112	67 - 134	
Xylenes, Total	150	161		ug/L		107	70 - 130	

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	110		70 - 130
Dibromofluoromethane	110		70 - 130
Toluene-d8 (Surr)	105		70 - 130

Lab Sample ID: LCSD 680-210908/8

Matrix: Water

Analysis Batch: 210908

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	Limit
							Limits			
Acetone	100	108		ug/L		108	26 - 180	18	50	
Benzene	50.0	43.7		ug/L		87	70 - 130	16	30	
Dichlorobromomethane	50.0	40.3		ug/L		81	70 - 130	15	30	
Bromoform	50.0	32.2	*	ug/L		64	70 - 130	11	30	
Bromomethane	50.0	18.5		ug/L		37	23 - 165	28	50	
2-Butanone (MEK)	100	100		ug/L		100	49 - 172	16	30	
Carbon disulfide	50.0	40.6		ug/L		81	54 - 132	23	30	
Carbon tetrachloride	50.0	33.7	*	ug/L		67	70 - 130	18	30	
Chlorobenzene	50.0	46.3		ug/L		93	70 - 130	16	30	
Chloroethane	50.0	34.6		ug/L		69	56 - 152	35	40	
Chloroform	50.0	44.0		ug/L		88	70 - 130	20	30	
Chloromethane	50.0	45.7		ug/L		91	70 - 130	23	30	
Chlorodibromomethane	50.0	36.9		ug/L		74	70 - 130	12	50	
1,2-Dibromo-3-Chloropropane	50.0	35.3		ug/L		71	70 - 130	14	50	
Ethylene Dibromide	50.0	49.5		ug/L		99	70 - 130	9	30	
Dibromomethane	50.0	47.9		ug/L		96	70 - 130	13	30	
Dichlorodifluoromethane	50.0	45.8		ug/L		92	44 - 146	22	50	
1,1-Dichloroethane	50.0	42.3		ug/L		85	70 - 130	20	30	
1,2-Dichloroethane	50.0	45.8		ug/L		92	70 - 130	14	30	
cis-1,2-Dichloroethane	50.0	44.4		ug/L		89	70 - 130	20	30	
trans-1,2-Dichloroethane	50.0	43.5		ug/L		87	70 - 130	21	30	
1,1-Dichloroethene	50.0	44.7		ug/L		89	66 - 131	22	30	
1,2-Dichloropropane	50.0	43.9		ug/L		88	70 - 130	16	30	
cis-1,3-Dichloropropene	50.0	42.5		ug/L		85	70 - 130	10	30	
trans-1,3-Dichloropropene	50.0	42.2		ug/L		84	70 - 130	10	50	
Ethylbenzene	50.0	41.9		ug/L		84	70 - 130	21	30	
2-Hexanone	100	109		ug/L		109	42 - 185	10	30	
Methylene Chloride	50.0	44.4		ug/L		89	67 - 130	23	30	

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

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

Lab Sample ID: LCSD 680-210908/8

Matrix: Water

Analysis Batch: 210908

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	Limit
							Limits	RPD		
4-Methyl-2-pentanone (MIBK)	100	94.3		ug/L		94	70 - 130	9	30	
Styrene	50.0	47.7		ug/L		95	70 - 130	16	30	
1,1,1,2-Tetrachloroethane	50.0	38.9		ug/L		78	70 - 130	13	30	
1,1,1,2,2-Tetrachloroethane	50.0	47.6		ug/L		95	70 - 130	13	30	
Tetrachloroethene	50.0	46.0		ug/L		92	70 - 130	20	30	
Toluene	50.0	44.3		ug/L		89	70 - 130	15	30	
1,1,1-Trichloroethane	50.0	40.2		ug/L		80	70 - 130	18	30	
1,1,2-Trichloroethane	50.0	48.7		ug/L		97	70 - 130	11	30	
Trichloroethene	50.0	46.2		ug/L		92	70 - 130	18	30	
Trichlorofluoromethane	50.0	43.0		ug/L		86	55 - 156	24	30	
1,2,3-Trichloropropane	50.0	49.3		ug/L		99	70 - 130	13	30	
Vinyl acetate	100	86.7		ug/L		87	60 - 176	11	30	
Vinyl chloride	50.0	44.5		ug/L		89	67 - 134	23	30	
Xylenes, Total	150	136		ug/L		91	70 - 130	16	30	

Surrogate	LCSD		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	93		70 - 130
Dibromofluoromethane	90		70 - 130
Toluene-d8 (Surr)	91		70 - 130

Lab Sample ID: 680-70818-2 MS

Matrix: Water

Analysis Batch: 210908

Client Sample ID: ASH-MW22-072711

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	% Rec	% Rec.	
				Result	Qualifier				Limits	RPD
Acetone	<25		100	104		ug/L		91	26 - 180	
Benzene	10		50.0	57.7		ug/L		95	70 - 130	
Dichlorobromomethane	<1.0		50.0	41.7		ug/L		83	70 - 130	
Bromoform	<1.0	*	50.0	29.5	F	ug/L		59	70 - 130	
Bromomethane	<1.0		50.0	23.1		ug/L		46	23 - 165	
2-Butanone (MEK)	<10		100	93.9		ug/L		94	49 - 172	
Carbon disulfide	<2.0		50.0	49.6		ug/L		99	54 - 132	
Carbon tetrachloride	<1.0	*	50.0	34.1	F	ug/L		68	70 - 130	
Chlorobenzene	8.7		50.0	60.1		ug/L		103	70 - 130	
Chloroethane	<1.0		50.0	50.2		ug/L		100	56 - 152	
Chloroform	<1.0		50.0	53.8		ug/L		106	70 - 130	
Chloromethane	<1.0		50.0	53.4		ug/L		107	70 - 130	
Chlorodibromomethane	<1.0	*	50.0	35.9		ug/L		72	70 - 130	
1,2-Dibromo-3-Chloropropane	<1.0		50.0	34.2	F	ug/L		68	70 - 130	
Ethylene Dibromide	<1.0		50.0	47.6		ug/L		95	70 - 130	
Dibromomethane	<1.0		50.0	50.5		ug/L		101	70 - 130	
Dichlorodifluoromethane	<1.0		50.0	54.6		ug/L		109	44 - 146	
1,1-Dichloroethane	<1.0		50.0	51.2		ug/L		102	70 - 130	
1,2-Dichloroethane	<1.0		50.0	48.4		ug/L		97	70 - 130	
cis-1,2-Dichloroethene	<1.0		50.0	53.9		ug/L		108	70 - 130	
trans-1,2-Dichloroethene	<1.0		50.0	53.6		ug/L		107	70 - 130	
1,1-Dichloroethene	<1.0		50.0	56.7		ug/L		113	66 - 131	
1,2-Dichloropropane	<1.0		50.0	49.1		ug/L		98	70 - 130	
cis-1,3-Dichloropropene	<1.0		50.0	41.7		ug/L		83	70 - 130	

QC Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-70818-1

Project/Site: Hercules Hattiesburg APIX 7/27/11

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

Lab Sample ID: 680-70818-2 MS

Client Sample ID: ASH-MW22-072711

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 210908

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec	% Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
trans-1,3-Dichloropropene	<1.0		50.0	38.6		ug/L		77	70 - 130	
Ethylbenzene	<1.0		50.0	50.0		ug/L		99	70 - 130	
2-Hexanone	<10		100	103		ug/L		103	42 - 185	
Methylene Chloride	<5.0		50.0	53.7		ug/L		107	67 - 130	
4-Methyl-2-pentanone (MIBK)	21		100	111		ug/L		91	70 - 130	
Styrene	<1.0		50.0	53.7		ug/L		107	70 - 130	
1,1,1,2-Tetrachloroethane	<1.0		50.0	39.0		ug/L		78	70 - 130	
1,1,1,2-Tetrachloroethane	<1.0		50.0	49.8		ug/L		100	70 - 130	
Tetrachloroethene	<1.0		50.0	55.6		ug/L		111	70 - 130	
Toluene	1.1		50.0	50.0		ug/L		98	70 - 130	
1,1,1-Trichloroethane	<1.0		50.0	44.0		ug/L		88	70 - 130	
1,1,2-Trichloroethane	<1.0		50.0	48.8		ug/L		98	70 - 130	
Trichloroethene	<1.0		50.0	53.0		ug/L		106	70 - 130	
Trichlorofluoromethane	<1.0		50.0	56.9		ug/L		114	55 - 156	
1,2,3-Trichloropropane	<1.0		50.0	52.4		ug/L		105	70 - 130	
Vinyl acetate	<2.0		100	86.2		ug/L		86	60 - 176	
Vinyl chloride	<1.0		50.0	55.2		ug/L		110	67 - 134	
Xylenes, Total	<2.0		150	158		ug/L		105	70 - 130	

Surrogate	MS MS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	103		70 - 130
Dibromofluoromethane	110		70 - 130
Toluene-d8 (Surr)	103		70 - 130

Lab Sample ID: 680-70818-2 MSD

Client Sample ID: ASH-MW22-072711

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 210908

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Acetone	<25		100	112		ug/L		99	26 - 180	7	50	
Benzene	10		50.0	57.4		ug/L		95	70 - 130	1	30	
Dichlorobromomethane	<1.0		50.0	41.2		ug/L		82	70 - 130	1	30	
Bromoform	<1.0	*	50.0	30.7	F	ug/L		61	70 - 130	4	30	
Bromomethane	<1.0		50.0	18.5		ug/L		37	23 - 165	23	50	
2-Butanone (MEK)	<10		100	91.7		ug/L		92	49 - 172	2	30	
Carbon disulfide	<2.0		50.0	47.3		ug/L		95	54 - 132	5	30	
Carbon tetrachloride	<1.0	*	50.0	34.3	F	ug/L		69	70 - 130	0	30	
Chlorobenzene	8.7		50.0	58.8		ug/L		100	70 - 130	2	30	
Chloroethane	<1.0		50.0	43.4		ug/L		87	56 - 152	15	40	
Chloroform	<1.0		50.0	52.0		ug/L		103	70 - 130	3	30	
Chloromethane	<1.0		50.0	51.9		ug/L		104	70 - 130	3	30	
Chlorodibromomethane	<1.0	*	50.0	37.2		ug/L		74	70 - 130	4	50	
1,2-Dibromo-3-Chloropropane	<1.0		50.0	40.0		ug/L		80	70 - 130	16	50	
Ethylene Dibromide	<1.0		50.0	46.8		ug/L		94	70 - 130	2	30	
Dibromomethane	<1.0		50.0	49.1		ug/L		98	70 - 130	3	30	
Dichlorodifluoromethane	<1.0		50.0	52.0		ug/L		104	44 - 146	5	50	
1,1-Dichloroethane	<1.0		50.0	49.4		ug/L		99	70 - 130	3	30	
1,2-Dichloroethane	<1.0		50.0	47.7		ug/L		95	70 - 130	2	30	
cis-1,2-Dichloroethene	<1.0		50.0	51.5		ug/L		103	70 - 130	5	30	

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

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

Lab Sample ID: 680-70818-2 MSD

Matrix: Water

Analysis Batch: 210908

Client Sample ID: ASH-MW22-072711

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
trans-1,2-Dichloroethene	<1.0		50.0	50.8		ug/L		102	70 - 130	5	30	
1,1-Dichloroethene	<1.0		50.0	54.2		ug/L		108	66 - 131	4	30	
1,2-Dichloropropane	<1.0		50.0	48.4		ug/L		97	70 - 130	2	30	
cis-1,3-Dichloropropene	<1.0		50.0	31.8	F	ug/L		64	70 - 130	27	30	
trans-1,3-Dichloropropene	<1.0		50.0	30.3	F	ug/L		61	70 - 130	24	50	
Ethylbenzene	<1.0		50.0	11.8	F	ug/L		23	70 - 130	124	30	
2-Hexanone	<10		100	109		ug/L		109	42 - 185	6	30	
Methylene Chloride	<5.0		50.0	51.8		ug/L		104	67 - 130	4	30	
4-Methyl-2-pentanone (MIBK)	21		100	112		ug/L		92	70 - 130	1	30	
Styrene	<1.0		50.0	30.6	F	ug/L		61	70 - 130	55	30	
1,1,1,2-Tetrachloroethane	<1.0		50.0	42.0		ug/L		84	70 - 130	7	30	
1,1,2,2-Tetrachloroethane	<1.0		50.0	52.2		ug/L		104	70 - 130	5	30	
Tetrachloroethene	<1.0		50.0	54.6		ug/L		109	70 - 130	2	30	
Toluene	1.1		50.0	47.1		ug/L		92	70 - 130	6	30	
1,1,1-Trichloroethane	<1.0		50.0	43.6		ug/L		87	70 - 130	1	30	
1,1,2-Trichloroethane	<1.0		50.0	47.8		ug/L		96	70 - 130	2	30	
Trichloroethene	<1.0		50.0	51.0		ug/L		102	70 - 130	4	30	
Trichlorofluoromethane	<1.0		50.0	53.3		ug/L		107	55 - 156	7	30	
1,2,3-Trichloropropane	<1.0		50.0	55.4		ug/L		111	70 - 130	6	30	
Vinyl acetate	<2.0		100	64.8		ug/L		65	60 - 176	28	30	
Vinyl chloride	<1.0		50.0	52.9		ug/L		106	67 - 134	4	30	
Xylenes, Total	<2.0		150	157		ug/L		104	70 - 130	0	30	

Surrogate	MSD	MSD	Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	104		70 - 130
Dibromofluoromethane	105		70 - 130
Toluene-d8 (Surr)	96		70 - 130

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

Lab Sample ID: MB 680-210688/9-A

Matrix: Water

Analysis Batch: 211110

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 210688

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acenaphthene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Acenaphthylene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Acetophenone	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2-Acetylaminofluorene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
alpha,alpha-Dimethyl phenethylamine	<2000		2000		ug/L		08/02/11 15:02	08/05/11 12:34	1
4-Aminobiphenyl	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Aniline	<20		20		ug/L		08/02/11 15:02	08/05/11 12:34	1
Anthracene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Aramite, Total	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Benzo[a]anthracene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Benzo[a]pyrene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Benzo[b]fluoranthene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Benzo[g,h,i]perylene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Benzo[k]fluoranthene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

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

Lab Sample ID: MB 680-210688/9-A

Matrix: Water

Analysis Batch: 211110

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 210688

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzyl alcohol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1,1'-Biphenyl	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Bis(2-chloroethoxy)methane	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Bis(2-chloroethyl)ether	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
bis(chloroisopropyl) ether	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Bis(2-ethylhexyl) phthalate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
4-Bromophenyl phenyl ether	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Butyl benzyl phthalate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
4-Chloroaniline	<20		20		ug/L		08/02/11 15:02	08/05/11 12:34	1
4-Chloro-3-methylphenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2-Chloronaphthalene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2-Chlorophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
4-Chlorophenyl phenyl ether	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Chrysene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Diallylate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Dibenz(a,h)anthracene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Dibenzofuran	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1,2-Dichlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1,3-Dichlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1,4-Dichlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
3,3'-Dichlorobenzidine	<60		60		ug/L		08/02/11 15:02	08/05/11 12:34	1
2,4-Dichlorophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2,6-Dichlorophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Diethyl phthalate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Dimethoate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
7,12-Dimethylbenz(a)anthracene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
3,3'-Dimethylbenzidine	<20		20		ug/L		08/02/11 15:02	08/05/11 12:34	1
2,4-Dimethylphenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Dimethyl phthalate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Di-n-butyl phthalate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1,3-Dinitrobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
4,6-Dinitro-2-methylphenol	<50		50		ug/L		08/02/11 15:02	08/05/11 12:34	1
2,4-Dinitrophenol	<50		50		ug/L		08/02/11 15:02	08/05/11 12:34	1
2,4-Dinitrotoluene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2,6-Dinitrotoluene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Di-n-octyl phthalate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Dinoseb	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1,4-Dioxane	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Disulfoton	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Ethyl methanesulfonate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Ethyl Parathion	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Famphur	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Fluoranthene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Fluorene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Hexachlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Hexachlorobutadiene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Hexachlorocyclopentadiene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Hexachloroethane	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Hexachlorophene	<5000		5000		ug/L		08/02/11 15:02	08/05/11 12:34	1
Hexachloropropene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

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

Lab Sample ID: MB 680-210688/9-A

Matrix: Water

Analysis Batch: 211110

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 210688

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Indeno[1,2,3-cd]pyrene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Isophorone	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Isosafrole	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Methapyrilene	<2000		2000		ug/L		08/02/11 15:02	08/05/11 12:34	1
3-Methylcholanthrene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Methyl methanesulfonate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2-Methylnaphthalene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Methyl parathion	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2-Methylphenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
3 & 4 Methylphenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Naphthalene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1,4-Naphthoquinone	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1-Naphthylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2-Naphthylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2-Nitroaniline	<50		50		ug/L		08/02/11 15:02	08/05/11 12:34	1
3-Nitroaniline	<50		50		ug/L		08/02/11 15:02	08/05/11 12:34	1
4-Nitroaniline	<50		50		ug/L		08/02/11 15:02	08/05/11 12:34	1
Nitrobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2-Nitrophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
4-Nitrophenol	<50		50		ug/L		08/02/11 15:02	08/05/11 12:34	1
4-Nitroquinoline-1-oxide	<20		20		ug/L		08/02/11 15:02	08/05/11 12:34	1
N-Nitro-o-toluidine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
N-Nitrosodiethylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
N-Nitrosodimethylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
N-Nitrosodi-n-butylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
N-Nitrosodi-n-propylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
N-Nitrosodiphenylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
N-Nitrosomethylethylamine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
N-Nitrosomorpholine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
N-Nitrosopiperidine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
N-Nitrosopyrrolidine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
o,o',o"-Triethylphosphorothioate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
p-Dimethylamino azobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Pentachlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Pentachloronitrobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Pentachlorophenol	<50		50		ug/L		08/02/11 15:02	08/05/11 12:34	1
Phenacetin	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Phenanthrene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Phenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Phorate	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2-Picoline	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
p-Phenylene diamine	<2000		2000		ug/L		08/02/11 15:02	08/05/11 12:34	1
Pronamide	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Pyrene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Pyridine	<50		50		ug/L		08/02/11 15:02	08/05/11 12:34	1
Safrole, Total	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Sulfotepp	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1,2,4,5-Tetrachlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2,3,4,6-Tetrachlorophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
Thionazin	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

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

Lab Sample ID: MB 680-210688/9-A

Matrix: Water

Analysis Batch: 211110

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 210688

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Toluidine	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1,2,4-Trichlorobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2,4,5-Trichlorophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
2,4,6-Trichlorophenol	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1
1,3,5-Trinitrobenzene	<10		10		ug/L		08/02/11 15:02	08/05/11 12:34	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	86		38 - 130	08/02/11 15:02	08/05/11 12:34	1
2-Fluorophenol	78		25 - 130	08/02/11 15:02	08/05/11 12:34	1
Nitrobenzene-d5	87		39 - 130	08/02/11 15:02	08/05/11 12:34	1
Phenol-d5	75		25 - 130	08/02/11 15:02	08/05/11 12:34	1
Terphenyl-d14	101		10 - 143	08/02/11 15:02	08/05/11 12:34	1
2,4,6-Tribromophenol	91		31 - 141	08/02/11 15:02	08/05/11 12:34	1

Lab Sample ID: LCS 680-210688/10-A

Matrix: Water

Analysis Batch: 210976

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 210688

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acenaphthene	100	84.4		ug/L		84	55 - 130
Acenaphthylene	100	88.0		ug/L		88	60 - 130
Acetophenone	100	84.6		ug/L		85	54 - 130
Aniline	100	73.3		ug/L		73	10 - 130
Anthracene	100	89.9		ug/L		90	61 - 130
Benzo[a]anthracene	100	93.5		ug/L		93	58 - 130
Benzo[a]pyrene	100	94.8		ug/L		95	61 - 130
Benzo[b]fluoranthene	100	80.9		ug/L		81	51 - 130
Benzo[g,h,i]perylene	100	85.1		ug/L		85	54 - 130
Benzo[k]fluoranthene	100	86.0		ug/L		86	53 - 130
Benzyl alcohol	100	84.6		ug/L		85	53 - 130
1,1'-Biphenyl	100	91.2		ug/L		91	54 - 130
Bis(2-chloroethoxy)methane	100	94.2		ug/L		94	64 - 130
Bis(2-chloroethyl)ether	100	83.5		ug/L		83	56 - 130
bis(chloroisopropyl) ether	100	86.6		ug/L		87	55 - 130
Bis(2-ethylhexyl) phthalate	100	98.6		ug/L		99	62 - 130
4-Bromophenyl phenyl ether	100	96.0		ug/L		96	61 - 130
Butyl benzyl phthalate	100	102		ug/L		102	66 - 130
4-Chloroaniline	100	73.6		ug/L		74	42 - 130
4-Chloro-3-methylphenol	100	96.5		ug/L		97	60 - 130
2-Chloronaphthalene	100	83.5		ug/L		84	53 - 130
2-Chlorophenol	100	78.7		ug/L		79	57 - 130
4-Chlorophenyl phenyl ether	100	94.9		ug/L		95	57 - 130
Chrysene	100	91.4		ug/L		91	59 - 130
Dibenz(a,h)anthracene	100	88.0		ug/L		88	55 - 130
Dibenzofuran	100	86.9		ug/L		87	58 - 130
1,2-Dichlorobenzene	100	70.4		ug/L		70	43 - 130
1,3-Dichlorobenzene	100	67.7		ug/L		68	41 - 130
1,4-Dichlorobenzene	100	68.5		ug/L		68	43 - 130
3,3'-Dichlorobenzidine	100	72.5		ug/L		72	27 - 130

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

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

Lab Sample ID: LCS 680-210688/10-A

Matrix: Water

Analysis Batch: 210976

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 210688

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.
							Limits
2,4-Dichlorophenol	100	84.8		ug/L		85	54 - 130
Diethyl phthalate	100	96.7		ug/L		97	70 - 130
2,4-Dimethylphenol	100	75.5		ug/L		76	40 - 130
Dimethyl phthalate	100	95.7		ug/L		96	69 - 130
Di-n-butyl phthalate	100	103		ug/L		103	66 - 130
4,6-Dinitro-2-methylphenol	100	95.4		ug/L		95	45 - 134
2,4-Dinitrophenol	100	109		ug/L		109	20 - 165
2,4-Dinitrotoluene	100	87.5		ug/L		87	63 - 130
2,6-Dinitrotoluene	100	97.9		ug/L		98	65 - 130
Di-n-octyl phthalate	100	103		ug/L		103	64 - 130
1,4-Dioxane	100	55.2		ug/L		55	35 - 130
Fluoranthene	100	93.6		ug/L		94	56 - 130
Fluorene	100	89.0		ug/L		89	61 - 130
Hexachlorobenzene	100	83.8		ug/L		84	52 - 130
Hexachlorobutadiene	100	79.2		ug/L		79	36 - 130
Hexachlorocyclopentadiene	100	29.4		ug/L		29	10 - 130
Hexachloroethane	100	64.2		ug/L		64	39 - 130
Indeno[1,2,3-cd]pyrene	100	104		ug/L		104	47 - 130
Isophorone	100	83.1		ug/L		83	59 - 130
2-Methylnaphthalene	100	87.1		ug/L		87	52 - 130
2-Methylphenol	100	82.4		ug/L		82	55 - 130
3 & 4 Methylphenol	100	84.4		ug/L		84	35 - 130
Naphthalene	100	80.0		ug/L		80	50 - 130
2-Nitroaniline	100	83.8		ug/L		84	60 - 130
3-Nitroaniline	100	85.3		ug/L		85	54 - 130
4-Nitroaniline	100	89.8		ug/L		90	54 - 130
Nitrobenzene	100	80.9		ug/L		81	56 - 130
2-Nitrophenol	100	90.9		ug/L		91	54 - 130
4-Nitrophenol	100	92.0		ug/L		92	38 - 130
N-Nitrosodimethylamine	100	75.9		ug/L		76	54 - 130
N-Nitrosodi-n-propylamine	100	92.0		ug/L		92	64 - 130
N-Nitrosodiphenylamine	100	90.6		ug/L		91	68 - 130
Pentachlorophenol	100	95.8		ug/L		96	42 - 138
Phenanthrene	100	91.9		ug/L		92	62 - 130
Phenol	100	80.1		ug/L		80	29 - 130
Pyrene	100	97.1		ug/L		97	60 - 130
Pyridine	100	61.5		ug/L		61	10 - 130
1,2,4-Trichlorobenzene	100	74.0		ug/L		74	42 - 130
2,4,5-Trichlorophenol	100	94.1		ug/L		94	61 - 130
2,4,6-Trichlorophenol	100	87.6		ug/L		88	57 - 130

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	85		38 - 130
2-Fluorophenol	73		25 - 130
Nitrobenzene-d5	83		39 - 130
Phenol-d5	81		25 - 130
Terphenyl-d14	91		10 - 143
2,4,6-Tribromophenol	98		31 - 141

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

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

Lab Sample ID: LCS 680-210688/16-A

Matrix: Water

Analysis Batch: 211110

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 210688

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2-Acetylaminofluorene	100	110		ug/L		110	63 - 130
alpha,alpha-Dimethyl phenethylamine	100	<2000		ug/L		190	10 - 200
4-Aminobiphenyl	100	25.8		ug/L		26	10 - 130
Aramite, Total	100	123		ug/L		123	12 - 181
Diallate	100	65.8		ug/L		66	45 - 130
2,6-Dichlorophenol	100	95.8		ug/L		96	55 - 130
Dimethoate	100	40.6	*	ug/L		41	64 - 130
7,12-Dimethylbenz(a)anthracene	100	83.3		ug/L		83	57 - 130
3,3'-Dimethylbenzidine	250	137		ug/L		55	10 - 130
1,3-Dinitrobenzene	100	92.9		ug/L		93	61 - 130
Dinoseb	100	91.8		ug/L		92	70 - 138
Disulfoton	100	60.5	*	ug/L		60	65 - 130
Ethyl methanesulfonate	100	51.5		ug/L		51	10 - 156
Ethyl Parathion	100	94.9		ug/L		95	67 - 153
Famphur	100	<10	*	ug/L		8	10 - 130
Hexachlorophene	500	<5000	E	ug/L		58	10 - 130
Hexachloropropene	100	58.8		ug/L		59	10 - 130
Isosafrole	100	100		ug/L		100	54 - 130
Methapyrilene	500	<2000	E	ug/L		59	10 - 155
3-Methylcholanthrene	100	26.2		ug/L		26	10 - 148
Methyl methanesulfonate	100	39.3		ug/L		39	10 - 130
Methyl parathion	100	57.2	*	ug/L		57	65 - 148
1,4-Naphthoquinone	100	17.5		ug/L		17	10 - 132
1-Naphthylamine	100	57.2		ug/L		57	28 - 130
2-Naphthylamine	100	38.9		ug/L		39	10 - 130
4-Nitroquinoline-1-oxide	100	110		ug/L		110	10 - 146
N-Nitro-o-toluidine	100	71.0		ug/L		71	46 - 130
N-Nitrosodiethylamine	100	72.5		ug/L		72	37 - 130
N-Nitrosodi-n-butylamine	100	91.5		ug/L		92	40 - 130
N-Nitrosomethylethylamine	100	67.2		ug/L		67	22 - 130
N-Nitrosomorpholine	100	99.1		ug/L		99	25 - 130
N-Nitrosopiperidine	100	83.5		ug/L		84	55 - 130
N-Nitrosopyrrolidine	100	86.0		ug/L		86	36 - 130
o,o',o''-Triethylphosphorothioate	100	94.7		ug/L		95	18 - 139
p-Dimethylamino azobenzene	100	83.7		ug/L		84	49 - 130
Pentachlorobenzene	100	104		ug/L		104	60 - 130
Pentachloronitrobenzene	100	113		ug/L		113	70 - 130
Phenacetin	100	91.9		ug/L		92	47 - 130
Phorate	100	72.0		ug/L		72	52 - 156
2-Picoline	100	55.1		ug/L		55	10 - 130
p-Phenylene diamine	500	<2000		ug/L		36	10 - 130
Pronamide	100	105		ug/L		105	70 - 130
Safrole, Total	100	101		ug/L		101	54 - 130
Sulfotepp	100	92.4		ug/L		92	65 - 130
1,2,4,5-Tetrachlorobenzene	100	89.2		ug/L		89	51 - 130
2,3,4,6-Tetrachlorophenol	100	115		ug/L		115	64 - 130
Thionazin	100	82.9		ug/L		83	70 - 130
2-Toluidine	100	62.3		ug/L		62	22 - 130
1,3,5-Trinitrobenzene	100	52.4		ug/L		52	21 - 165

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

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

Lab Sample ID: LCS 680-210688/16-A

Matrix: Water

Analysis Batch: 211110

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 210688

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	74		38 - 130
2-Fluorophenol	67		25 - 130
Nitrobenzene-d5	79		39 - 130
Phenol-d5	69		25 - 130
Terphenyl-d14	91		10 - 143
2,4,6-Tribromophenol	91		31 - 141

Lab Sample ID: 680-70818-5 MS

Matrix: Water

Analysis Batch: 210976

Client Sample ID: ASH-MW12-072711

Prep Type: Total/NA

Prep Batch: 210688

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	% Rec	% Rec. Limits
				Result	Qualifier				
Acenaphthene	<12		99.7	80.1		ug/L		80	55 - 130
Acenaphthylene	<12		99.7	80.6		ug/L		81	60 - 130
Acetophenone	<12		99.7	79.8		ug/L		80	54 - 130
Aniline	<25		99.7	58.6		ug/L		59	10 - 130
Anthracene	<12		99.7	83.5		ug/L		84	61 - 130
Benzo[a]anthracene	<12		99.7	89.7		ug/L		90	58 - 130
Benzo[a]pyrene	<12		99.7	92.2		ug/L		92	61 - 130
Benzo[b]fluoranthene	<12		99.7	79.5		ug/L		80	51 - 130
Benzo[g,h,i]perylene	<12		99.7	83.8		ug/L		84	54 - 130
Benzo[k]fluoranthene	<12		99.7	84.9		ug/L		85	53 - 130
Benzyl alcohol	<12		99.7	78.0		ug/L		78	53 - 130
1,1'-Biphenyl	<12		99.7	84.5		ug/L		85	54 - 130
Bis(2-chloroethoxy)methane	<12		99.7	84.7		ug/L		85	64 - 130
Bis(2-chloroethyl)ether	<12		99.7	80.0		ug/L		80	56 - 130
bis(chloroisopropyl) ether	<12		99.7	81.5		ug/L		82	55 - 130
Bis(2-ethylhexyl) phthalate	<12		99.7	95.2		ug/L		96	62 - 130
4-Bromophenyl phenyl ether	<12		99.7	89.0		ug/L		89	61 - 130
Butyl benzyl phthalate	<12		99.7	97.4		ug/L		98	66 - 130
4-Chloroaniline	<25		99.7	36.7	F	ug/L		37	42 - 130
4-Chloro-3-methylphenol	<12		99.7	90.1		ug/L		90	60 - 130
2-Chloronaphthalene	<12		99.7	76.8		ug/L		77	53 - 130
2-Chlorophenol	<12		99.7	74.7		ug/L		75	57 - 130
4-Chlorophenyl phenyl ether	<12		99.7	87.3		ug/L		88	57 - 130
Chrysene	<12		99.7	89.4		ug/L		90	59 - 130
Dibenz(a,h)anthracene	<12		99.7	86.9		ug/L		87	55 - 130
Dibenzofuran	<12		99.7	80.5		ug/L		81	58 - 130
1,2-Dichlorobenzene	<12		99.7	62.5		ug/L		63	43 - 130
1,3-Dichlorobenzene	<12		99.7	59.5		ug/L		60	41 - 130
1,4-Dichlorobenzene	<12		99.7	60.6		ug/L		61	43 - 130
3,3'-Dichlorobenzidine	<75		99.7	<60	F	ug/L		0	27 - 130
2,4-Dichlorophenol	<12		99.7	80.4		ug/L		81	54 - 130
Diethyl phthalate	<12		99.7	89.2		ug/L		89	70 - 130
2,4-Dimethylphenol	<12		99.7	79.0		ug/L		79	40 - 130
Dimethyl phthalate	<12		99.7	87.6		ug/L		88	69 - 130
Di-n-butyl phthalate	<12		99.7	96.8		ug/L		97	66 - 130
4,6-Dinitro-2-methylphenol	<62		99.7	97.2		ug/L		97	45 - 134
2,4-Dinitrophenol	<62		99.7	114		ug/L		114	20 - 165

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

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

Lab Sample ID: 680-70818-5 MS

Matrix: Water

Analysis Batch: 210976

Client Sample ID: ASH-MW12-072711

Prep Type: Total/NA

Prep Batch: 210688

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec	% Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
2,4-Dinitrotoluene	<12		99.7	83.7		ug/L		84	63 - 130	
2,6-Dinitrotoluene	<12		99.7	92.5		ug/L		93	65 - 130	
Di-n-octyl phthalate	<12		99.7	98.4		ug/L		99	64 - 130	
1,4-Dioxane	<12		99.7	53.0		ug/L		53	35 - 130	
Fluoranthene	<12		99.7	87.8		ug/L		88	56 - 130	
Fluorene	<12		99.7	82.1		ug/L		82	61 - 130	
Hexachlorobenzene	<12		99.7	78.5		ug/L		79	52 - 130	
Hexachlorobutadiene	<12		99.7	68.3		ug/L		68	36 - 130	
Hexachlorocyclopentadiene	<12		99.7	26.4		ug/L		26	10 - 130	
Hexachloroethane	<12		99.7	56.2		ug/L		56	39 - 130	
Indeno[1,2,3-cd]pyrene	<12		99.7	101		ug/L		101	47 - 130	
Isophorone	<12		99.7	77.0		ug/L		77	59 - 130	
2-Methylnaphthalene	<12		99.7	78.8		ug/L		79	52 - 130	
2-Methylphenol	<12		99.7	79.6		ug/L		80	55 - 130	
3 & 4 Methylphenol	<12		99.7	81.2		ug/L		81	35 - 130	
Naphthalene	<12		99.7	73.6		ug/L		74	50 - 130	
2-Nitroaniline	<62		99.7	76.9		ug/L		77	60 - 130	
3-Nitroaniline	<62		99.7	<50	F	ug/L		47	54 - 130	
4-Nitroaniline	<62		99.7	63.7		ug/L		64	54 - 130	
Nitrobenzene	<12		99.7	78.5		ug/L		79	56 - 130	
2-Nitrophenol	<12		99.7	87.0		ug/L		87	54 - 130	
4-Nitrophenol	<62		99.7	87.5		ug/L		88	38 - 130	
N-Nitrosodimethylamine	<12		99.7	73.6		ug/L		74	54 - 130	
N-Nitrosodi-n-propylamine	<12		99.7	86.4		ug/L		87	64 - 130	
N-Nitrosodiphenylamine	<12		99.7	76.3		ug/L		77	68 - 130	
Pentachlorophenol	<62		99.7	94.2		ug/L		94	42 - 138	
Phenanthrene	<12		99.7	85.8		ug/L		86	62 - 130	
Phenol	<12		99.7	73.0		ug/L		73	29 - 130	
Pyrene	<12		99.7	93.5		ug/L		94	60 - 130	
Pyridine	<62		99.7	55.9		ug/L		56	10 - 130	
1,2,4-Trichlorobenzene	<12		99.7	65.9		ug/L		66	42 - 130	
2,4,5-Trichlorophenol	<12		99.7	87.9		ug/L		88	61 - 130	
2,4,6-Trichlorophenol	<12		99.7	84.2		ug/L		84	57 - 130	

Surrogate	MS MS		Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	79		38 - 130
2-Fluorophenol	68		25 - 130
Nitrobenzene-d5	81		39 - 130
Phenol-d5	74		25 - 130
Terphenyl-d14	87		10 - 143
2,4,6-Tribromophenol	93		31 - 141

Lab Sample ID: 680-70818-5 MSD

Matrix: Water

Analysis Batch: 210976

Client Sample ID: ASH-MW12-072711

Prep Type: Total/NA

Prep Batch: 210688

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Acenaphthene	<12		112	74.2		ug/L		66	55 - 130	8	50	
Acenaphthylene	<12		112	67.5		ug/L		60	60 - 130	18	50	

QC Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-70818-1

Project/Site: Hercules Hattiesburg APIX 7/27/11

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

Lab Sample ID: 680-70818-5 MSD

Matrix: Water

Analysis Batch: 210976

Client Sample ID: ASH-MW12-072711

Prep Type: Total/NA

Prep Batch: 210688

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
Acetophenone	<12		112	67.5		ug/L		60	54 - 130	17	50	
Aniline	<25		112	54.7		ug/L		49	10 - 130	7	50	
Anthracene	<12		112	85.5		ug/L		77	61 - 130	2	50	
Benzo[a]anthracene	<12		112	91.4		ug/L		82	58 - 130	2	50	
Benzo[a]pyrene	<12		112	96.0		ug/L		86	61 - 130	4	50	
Benzo[b]fluoranthene	<12		112	90.8		ug/L		81	51 - 130	13	50	
Benzo[g,h,i]perylene	<12		112	89.5		ug/L		80	54 - 130	6	50	
Benzo[k]fluoranthene	<12		112	85.5		ug/L		77	53 - 130	1	50	
Benzyl alcohol	<12		112	62.2		ug/L		56	53 - 130	23	50	
1,1'-Biphenyl	<12		112	76.1		ug/L		68	54 - 130	10	50	
Bis(2-chloroethoxy)methane	<12		112	49.1	F	ug/L		44	64 - 130	53	50	
Bis(2-chloroethyl)ether	<12		112	63.2		ug/L		57	56 - 130	23	50	
bis(chloroisopropyl) ether	<12		112	64.9		ug/L		58	55 - 130	23	50	
Bis(2-ethylhexyl) phthalate	<12		112	97.7		ug/L		87	62 - 130	3	50	
4-Bromophenyl phenyl ether	<12		112	88.6		ug/L		79	61 - 130	0	50	
Butyl benzyl phthalate	<12		112	100		ug/L		90	66 - 130	3	50	
4-Chloroaniline	<25		112	29.0	F	ug/L		26	42 - 130	23	50	
4-Chloro-3-methylphenol	<12		112	87.8		ug/L		79	60 - 130	3	50	
2-Chloronaphthalene	<12		112	68.2		ug/L		61	53 - 130	12	50	
2-Chlorophenol	<12		112	60.2	F	ug/L		54	57 - 130	22	50	
4-Chlorophenyl phenyl ether	<12		112	84.8		ug/L		76	57 - 130	3	50	
Chrysene	<12		112	92.4		ug/L		83	59 - 130	3	50	
Dibenz(a,h)anthracene	<12		112	93.8		ug/L		84	55 - 130	8	50	
Dibenzofuran	<12		112	77.0		ug/L		69	58 - 130	4	50	
1,2-Dichlorobenzene	<12		112	53.1		ug/L		48	43 - 130	16	50	
1,3-Dichlorobenzene	<12		112	51.3		ug/L		46	41 - 130	15	50	
1,4-Dichlorobenzene	<12		112	50.8		ug/L		45	43 - 130	18	50	
3,3'-Dichlorobenzidine	<75		112	<67	F	ug/L		0	27 - 130	NC	50	
2,4-Dichlorophenol	<12		112	71.1		ug/L		64	54 - 130	12	50	
Diethyl phthalate	<12		112	91.5		ug/L		82	70 - 130	2	50	
2,4-Dimethylphenol	<12		112	70.9		ug/L		63	40 - 130	11	50	
Dimethyl phthalate	<12		112	86.8		ug/L		78	69 - 130	1	50	
Di-n-butyl phthalate	<12		112	99.9		ug/L		89	66 - 130	3	50	
4,6-Dinitro-2-methylphenol	<62		112	102		ug/L		91	45 - 134	5	50	
2,4-Dinitrophenol	<62		112	118		ug/L		106	20 - 165	4	50	
2,4-Dinitrotoluene	<12		112	86.5		ug/L		77	63 - 130	3	50	
2,6-Dinitrotoluene	<12		112	93.4		ug/L		84	65 - 130	1	50	
Di-n-octyl phthalate	<12		112	100		ug/L		90	64 - 130	2	50	
1,4-Dioxane	<12		112	47.4		ug/L		42	35 - 130	11	50	
Fluoranthene	<12		112	93.9		ug/L		84	56 - 130	7	50	
Fluorene	<12		112	83.1		ug/L		74	61 - 130	1	50	
Hexachlorobenzene	<12		112	80.8		ug/L		72	52 - 130	3	50	
Hexachlorobutadiene	<12		112	59.0		ug/L		53	36 - 130	15	50	
Hexachlorocyclopentadiene	<12		112	24.5		ug/L		22	10 - 130	8	50	
Hexachloroethane	<12		112	47.2		ug/L		42	39 - 130	17	50	
Indeno[1,2,3-cd]pyrene	<12		112	105		ug/L		94	47 - 130	4	50	
Isophorone	<12		112	66.3		ug/L		59	59 - 130	15	50	
2-Methylnaphthalene	<12		112	68.9		ug/L		62	52 - 130	13	50	
2-Methylphenol	<12		112	65.7		ug/L		59	55 - 130	19	50	
3 & 4 Methylphenol	<12		112	68.5		ug/L		61	35 - 130	17	50	

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

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

Lab Sample ID: 680-70818-5 MSD

Matrix: Water

Analysis Batch: 210976

Client Sample ID: ASH-MW12-072711

Prep Type: Total/NA

Prep Batch: 210688

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
Naphthalene	<12		112	63.6		ug/L		57	50 - 130	15	50	
2-Nitroaniline	<62		112	72.8		ug/L		65	60 - 130	5	50	
3-Nitroaniline	<62		112	<56	F	ug/L		14	54 - 130	101	50	
4-Nitroaniline	<62		112	<56	F	ug/L		28	54 - 130	67	50	
Nitrobenzene	<12		112	65.6		ug/L		59	56 - 130	18	50	
2-Nitrophenol	<12		112	71.6		ug/L		64	54 - 130	19	50	
4-Nitrophenol	<62		112	91.3		ug/L		82	38 - 130	4	50	
N-Nitrosodimethylamine	<12		112	59.6	F	ug/L		53	54 - 130	21	50	
N-Nitrosodi-n-propylamine	<12		112	69.9	F	ug/L		63	64 - 130	21	50	
N-Nitrosodiphenylamine	<12		112	58.7	F	ug/L		53	68 - 130	26	50	
Pentachlorophenol	<62		112	97.3		ug/L		87	42 - 138	3	50	
Phenanthrene	<12		112	89.1		ug/L		80	62 - 130	4	50	
Phenol	<12		112	60.6		ug/L		54	29 - 130	19	50	
Pyrene	<12		112	96.6		ug/L		86	60 - 130	3	50	
Pyridine	<62		112	<56		ug/L		47	10 - 130	6	50	
1,2,4-Trichlorobenzene	<12		112	56.5		ug/L		51	42 - 130	15	50	
2,4,5-Trichlorophenol	<12		112	87.2		ug/L		78	61 - 130	1	50	
2,4,6-Trichlorophenol	<12		112	76.8		ug/L		69	57 - 130	9	50	

Surrogate	MSD MSD		Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	63		38 - 130
2-Fluorophenol	50		25 - 130
Nitrobenzene-d5	62		39 - 130
Phenol-d5	55		25 - 130
Terphenyl-d14	82		10 - 143
2,4,6-Tribromophenol	89		31 - 141

Lab Sample ID: 680-70818-6 MS

Matrix: Water

Analysis Batch: 211110

Client Sample ID: ASH-MW02-072711

Prep Type: Total/NA

Prep Batch: 210688

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec	% Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
2-Acetylaminofluorene	<9.9		99.6	100		ug/L		101	63 - 130			
alpha,alpha-Dimethyl phenethylamine	<2000		99.6	<2000		ug/L		51	10 - 200			
4-Aminobiphenyl	<9.9		99.6	16.7		ug/L		17	10 - 130			
Aramite, Total	<9.9		99.6	30.5		ug/L		31	12 - 181			
Diallate	<9.9		99.6	51.6		ug/L		52	45 - 130			
2,6-Dichlorophenol	<9.9		99.6	74.4		ug/L		75	55 - 130			
Dimethoate	<9.9	*	99.6	51.4	F	ug/L		52	64 - 130			
7,12-Dimethylbenz(a)anthracene	<9.9		99.6	34.0	F	ug/L		34	57 - 130			
3,3'-Dimethylbenzidine	<20		249	32.8		ug/L		13	10 - 130			
1,3-Dinitrobenzene	<9.9		99.6	74.8		ug/L		75	61 - 130			
Dinoseb	<9.9		99.6	67.2	F	ug/L		67	70 - 138			
Disulfoton	<9.9	*	99.6	43.5	F	ug/L		44	65 - 130			
Ethyl methanesulfonate	<9.9		99.6	29.0		ug/L		29	10 - 156			
Ethyl Parathion	<9.9		99.6	78.9		ug/L		79	67 - 153			
Famphur	<9.9	*	99.6	62.6		ug/L		63	10 - 130			
Hexachlorophene	<4900		498	<5000	E	ug/L		55	10 - 130			
Hexachloropropene	<9.9		99.6	30.9		ug/L		31	10 - 130			

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

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

Lab Sample ID: 680-70818-6 MS

Matrix: Water

Analysis Batch: 211110

Client Sample ID: ASH-MW02-072711

Prep Type: Total/NA

Prep Batch: 210688

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	% Rec	% Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
Isosafrole	<9.9		99.6	35.2	F	ug/L		35	54 - 130	
Methapyrilene	<2000		498	<2000		ug/L		25	10 - 155	
3-Methylcholanthrene	<9.9		99.6	10.9		ug/L		11	10 - 148	
Methyl methanesulfonate	<9.9		99.6	28.7		ug/L		29	10 - 130	
Methyl parathion	<9.9	*	99.6	65.1		ug/L		65	65 - 148	
1,4-Naphthoquinone	<9.9		99.6	40.5		ug/L		41	10 - 132	
1-Naphthylamine	<9.9		99.6	12.0	F	ug/L		12	28 - 130	
2-Naphthylamine	<9.9		99.6	17.3		ug/L		17	10 - 130	
4-Nitroquinoline-1-oxide	<20		99.6	84.8		ug/L		85	10 - 146	
N-Nitro-o-toluidine	<9.9		99.6	23.7	F	ug/L		24	46 - 130	
N-Nitrosodiethylamine	<9.9		99.6	56.5		ug/L		57	37 - 130	
N-Nitrosodi-n-butylamine	<9.9		99.6	65.5		ug/L		66	40 - 130	
N-Nitrosomethylethylamine	<9.9		99.6	52.6		ug/L		53	22 - 130	
N-Nitrosomorpholine	<9.9		99.6	72.9		ug/L		73	25 - 130	
N-Nitrosopiperidine	<9.9		99.6	59.4		ug/L		60	55 - 130	
N-Nitrosopyrrolidine	<9.9		99.6	55.3		ug/L		56	36 - 130	
o,o',o"-Triethylphosphorothioate	<9.9		99.6	67.2		ug/L		67	18 - 139	
p-Dimethylamino azobenzene	<9.9		99.6	48.2	F	ug/L		48	49 - 130	
Pentachlorobenzene	<9.9		99.6	86.6		ug/L		87	60 - 130	
Pentachloronitrobenzene	<9.9		99.6	93.7		ug/L		94	70 - 130	
Phenacetin	<9.9		99.6	73.1		ug/L		73	47 - 130	
Phorate	<9.9		99.6	48.9	F	ug/L		49	52 - 156	
2-Picoline	<9.9		99.6	47.8		ug/L		48	10 - 130	
p-Phenylene diamine	<2000		498	<2000	F	ug/L		0	10 - 130	
Pronamide	<9.9		99.6	57.7	F	ug/L		58	70 - 130	
Safrole, Total	<9.9		99.6	74.7		ug/L		75	54 - 130	
Sulfotepp	<9.9		99.6	71.9		ug/L		72	65 - 130	
1,2,4,5-Tetrachlorobenzene	<9.9		99.6	76.6		ug/L		77	51 - 130	
2,3,4,6-Tetrachlorophenol	<9.9		99.6	95.0		ug/L		95	64 - 130	
Thionazin	<9.9		99.6	56.0	F	ug/L		56	70 - 130	
2-Toluidine	<9.9		99.6	47.9		ug/L		48	22 - 130	
1,3,5-Trinitrobenzene	<9.9		99.6	47.2		ug/L		47	21 - 165	

Surrogate	MS MS		Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	62		38 - 130
2-Fluorophenol	52		25 - 130
Nitrobenzene-d5	59		39 - 130
Phenol-d5	45		25 - 130
Terphenyl-d14	65		10 - 143
2,4,6-Tribromophenol	77		31 - 141

Lab Sample ID: 680-70818-6 MSD

Matrix: Water

Analysis Batch: 211110

Client Sample ID: ASH-MW02-072711

Prep Type: Total/NA

Prep Batch: 210688

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
2-Acetylaminofluorene	<9.9		97.3	106		ug/L		109	63 - 130	5	50	
alpha,alpha-Dimethyl phenethylamine	<2000		97.3	<1900		ug/L		52	10 - 200	1	50	
4-Aminobiphenyl	<9.9		97.3	22.2		ug/L		23	10 - 130	28	50	

QC Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-70818-1

Project/Site: Hercules Hattiesburg APIX 7/27/11

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

Lab Sample ID: 680-70818-6 MSD

Matrix: Water

Analysis Batch: 211110

Client Sample ID: ASH-MW02-072711

Prep Type: Total/NA

Prep Batch: 210688

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.		RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD		
Aramite, Total	<9.9		97.3	11.4	F	ug/L		12	12 - 181	91	50	
Diallate	<9.9		97.3	59.5		ug/L		61	45 - 130	14	50	
2,6-Dichlorophenol	<9.9		97.3	87.4		ug/L		90	55 - 130	16	50	
Dimethoate	<9.9	*	97.3	46.5	F	ug/L		48	64 - 130	10	50	
7,12-Dimethylbenz(a)anthracene	<9.9		97.3	38.9	F	ug/L		40	57 - 130	13	50	
3,3'-Dimethylbenzidine	<20		243	47.7		ug/L		20	10 - 130	37	50	
1,3-Dinitrobenzene	<9.9		97.3	86.0		ug/L		88	61 - 130	14	50	
Dinoseb	<9.9		97.3	81.1		ug/L		83	70 - 138	19	50	
Disulfoton	<9.9	*	97.3	50.0	F	ug/L		51	65 - 130	14	50	
Ethyl methanesulfonate	<9.9		97.3	33.4		ug/L		34	10 - 156	14	50	
Ethyl Parathion	<9.9		97.3	89.2		ug/L		92	67 - 153	12	50	
Famphur	<9.9	*	97.3	35.4	F	ug/L		36	10 - 130	56	50	
Hexachlorophene	<4900		487	<4900	E	ug/L		71	10 - 130	22	50	
Hexachloropropene	<9.9		97.3	35.0		ug/L		36	10 - 130	13	50	
Isosafrole	<9.9		97.3	18.1	F	ug/L		19	54 - 130	64	50	
Methapyrilene	<2000		487	<1900		ug/L		38	10 - 155	41	50	
3-Methylcholanthrene	<9.9		97.3	12.5		ug/L		13	10 - 148	14	50	
Methyl methanesulfonate	<9.9		97.3	33.4		ug/L		34	10 - 130	15	50	
Methyl parathion	<9.9	*	97.3	72.9		ug/L		75	65 - 148	11	50	
1,4-Naphthoquinone	<9.9		97.3	26.3		ug/L		27	10 - 132	43	50	
1-Naphthylamine	<9.9		97.3	13.3	F	ug/L		14	28 - 130	11	50	
2-Naphthylamine	<9.9		97.3	16.1		ug/L		16	10 - 130	8	50	
4-Nitroquinoline-1-oxide	<20		97.3	87.3		ug/L		90	10 - 146	3	50	
N-Nitro-o-toluidine	<9.9		97.3	13.4	F	ug/L		14	46 - 130	56	50	
N-Nitrosodiethylamine	<9.9		97.3	60.1		ug/L		62	37 - 130	6	50	
N-Nitrosodi-n-butylamine	<9.9		97.3	74.5		ug/L		77	40 - 130	13	50	
N-Nitrosomethylethylamine	<9.9		97.3	50.2		ug/L		52	22 - 130	5	50	
N-Nitrosomorpholine	<9.9		97.3	76.5		ug/L		79	25 - 130	5	50	
N-Nitrosopiperidine	<9.9		97.3	56.7		ug/L		58	55 - 130	5	50	
N-Nitrosopyrrolidine	<9.9		97.3	53.7		ug/L		55	36 - 130	3	50	
o,o',o"-Triethylphosphorothioate	<9.9		97.3	78.2		ug/L		80	18 - 139	15	50	
p-Dimethylamino azobenzene	<9.9		97.3	19.0	F	ug/L		19	49 - 130	87	50	
Pentachlorobenzene	<9.9		97.3	96.9		ug/L		100	60 - 130	11	50	
Pentachloronitrobenzene	<9.9		97.3	104		ug/L		107	70 - 130	10	50	
Phenacetin	<9.9		97.3	77.4		ug/L		80	47 - 130	6	50	
Phorate	<9.9		97.3	47.5	F	ug/L		49	52 - 156	3	50	
2-Picoline	<9.9		97.3	54.4		ug/L		56	10 - 130	13	50	
p-Phenylene diamine	<2000		487	<1900	F	ug/L		3	10 - 130	NC	50	
Pronamide	<9.9		97.3	45.1	F	ug/L		46	70 - 130	24	50	
Safrole, Total	<9.9		97.3	87.1		ug/L		90	54 - 130	15	50	
Sulfotepp	<9.9		97.3	79.9		ug/L		82	65 - 130	10	50	
1,2,4,5-Tetrachlorobenzene	<9.9		97.3	84.7		ug/L		87	51 - 130	10	50	
2,3,4,6-Tetrachlorophenol	<9.9		97.3	107		ug/L		109	64 - 130	11	50	
Thionazin	<9.9		97.3	54.0	F	ug/L		55	70 - 130	4	50	
2-Toluidine	<9.9		97.3	51.8		ug/L		53	22 - 130	8	50	
1,3,5-Trinitrobenzene	<9.9		97.3	54.3		ug/L		56	21 - 165	14	50	

Surrogate	MSD MSD		Limits
	% Recovery	Qualifier	
2-Fluorobiphenyl	69		38 - 130

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

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

Lab Sample ID: 680-70818-6 MSD

Matrix: Water

Analysis Batch: 211110

Client Sample ID: ASH-MW02-072711

Prep Type: Total/NA

Prep Batch: 210688

Surrogate	MSD MSD		Limits
	% Recovery	Qualifier	
2-Fluorophenol	55		25 - 130
Nitrobenzene-d5	69		39 - 130
Phenol-d5	55		25 - 130
Terphenyl-d14	80		10 - 143
2,4,6-Tribromophenol	87		31 - 141

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC)

Lab Sample ID: MB 680-210403/9-A

Matrix: Water

Analysis Batch: 212311

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 210403

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aldrin	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 03:53	1
alpha-BHC	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 03:53	1
beta-BHC	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 03:53	1
Chlordane (technical)	<0.50		0.50		ug/L		07/29/11 14:35	08/08/11 03:53	1
Chlorobenzilate	<0.50		0.50		ug/L		07/29/11 14:35	08/08/11 03:53	1
4,4'-DDD	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 03:53	1
4,4'-DDE	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 03:53	1
4,4'-DDT	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 03:53	1
delta-BHC	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 03:53	1
Dieldrin	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 03:53	1
Endosulfan I	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 03:53	1
Endosulfan II	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 03:53	1
Endosulfan sulfate	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 03:53	1
Endrin	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 03:53	1
Endrin aldehyde	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 03:53	1
Endrin ketone	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 03:53	1
gamma-BHC (Lindane)	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 03:53	1
Heptachlor	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 03:53	1
Heptachlor epoxide	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 03:53	1
Isodrin	<0.050		0.050		ug/L		07/29/11 14:35	08/08/11 03:53	1
Kepone	<1.0		1.0		ug/L		07/29/11 14:35	08/08/11 03:53	1
Methoxychlor	<0.10		0.10		ug/L		07/29/11 14:35	08/08/11 03:53	1
Toxaphene	<5.0		5.0		ug/L		07/29/11 14:35	08/08/11 03:53	1
PCB-1016	<1.0		1.0		ug/L		07/29/11 14:35	08/08/11 03:53	1
PCB-1221	<2.0		2.0		ug/L		07/29/11 14:35	08/08/11 03:53	1
PCB-1232	<1.0		1.0		ug/L		07/29/11 14:35	08/08/11 03:53	1
PCB-1242	<1.0		1.0		ug/L		07/29/11 14:35	08/08/11 03:53	1
PCB-1248	<1.0		1.0		ug/L		07/29/11 14:35	08/08/11 03:53	1
PCB-1254	<1.0		1.0		ug/L		07/29/11 14:35	08/08/11 03:53	1
PCB-1260	<1.0		1.0		ug/L		07/29/11 14:35	08/08/11 03:53	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
Tetrachloro-m-xylene	66		36 - 130	07/29/11 14:35	08/08/11 03:53	1
Tetrachloro-m-xylene	68		36 - 130	07/29/11 14:35	08/08/11 03:53	1
DCB Decachlorobiphenyl	65		40 - 130	07/29/11 14:35	08/08/11 03:53	1
DCB Decachlorobiphenyl	53		40 - 130	07/29/11 14:35	08/08/11 03:53	1

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Lab Sample ID: LCS 680-210403/10-A

Matrix: Water

Analysis Batch: 212311

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 210403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	Limits
Aldrin	0.100	0.0977		ug/L		98	14 - 168	
alpha-BHC	0.100	0.0918		ug/L		92	43 - 138	
beta-BHC	0.100	0.107		ug/L		107	38 - 158	
4,4'-DDD	0.200	0.233		ug/L		116	49 - 144	
4,4'-DDE	0.200	0.214		ug/L		107	46 - 144	
4,4'-DDT	0.200	0.191		ug/L		95	48 - 166	
delta-BHC	0.100	0.104		ug/L		104	23 - 191	
Dieldrin	0.200	0.220		ug/L		110	61 - 136	
Endosulfan I	0.100	0.105		ug/L		105	52 - 141	
Endosulfan II	0.200	0.221		ug/L		110	60 - 140	
Endosulfan sulfate	0.200	0.237		ug/L		119	60 - 151	
Endrin	0.200	0.209		ug/L		104	66 - 150	
Endrin aldehyde	0.200	0.215		ug/L		108	16 - 200	
Endrin ketone	0.200	0.228		ug/L		114	55 - 156	
gamma-BHC (Lindane)	0.100	0.100		ug/L		100	54 - 134	
Heptachlor	0.100	0.119		ug/L		119	10 - 200	
Heptachlor epoxide	0.100	0.105		ug/L		105	49 - 142	
Methoxychlor	0.200	0.251		ug/L		125	13 - 186	

Surrogate	% Recovery	Qualifier	Limits
Tetrachloro-m-xylene	70		36 - 130
Tetrachloro-m-xylene	73		36 - 130
DCB Decachlorobiphenyl	79		40 - 130
DCB Decachlorobiphenyl	67		40 - 130

Lab Sample ID: LCS 680-210403/13-A

Matrix: Water

Analysis Batch: 212311

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 210403

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.	Limits
PCB-1016	10.0	9.80		ug/L		98	38 - 172	
PCB-1260	10.0	11.0		ug/L		110	46 - 138	

Surrogate	% Recovery	Qualifier	Limits
Tetrachloro-m-xylene	73		36 - 130
Tetrachloro-m-xylene	78		36 - 130
DCB Decachlorobiphenyl	85		40 - 130
DCB Decachlorobiphenyl	75		40 - 130

Lab Sample ID: LCS 680-210403/18-A

Matrix: Water

Analysis Batch: 212311

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 210403

Surrogate	% Recovery	Qualifier	Limits
Tetrachloro-m-xylene	68		36 - 130
Tetrachloro-m-xylene	71		36 - 130
DCB Decachlorobiphenyl	61		40 - 130
DCB Decachlorobiphenyl	49		40 - 130

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Lab Sample ID: LCSD 680-210403/17-A

Matrix: Water

Analysis Batch: 212311

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 210403

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Chlordane (technical)	5.00	6.20		ug/L		124	56 - 144	6	50

Surrogate	LCSD % Recovery	LCSD Qualifier	LCSD Limits
Tetrachloro-m-xylene	70		36 - 130
Tetrachloro-m-xylene	67		36 - 130
DCB Decachlorobiphenyl	78		40 - 130
DCB Decachlorobiphenyl	67		40 - 130

Lab Sample ID: LCSD 680-210403/19-A

Matrix: Water

Analysis Batch: 212311

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 210403

Surrogate	LCSD % Recovery	LCSD Qualifier	LCSD Limits
Tetrachloro-m-xylene	60		36 - 130
Tetrachloro-m-xylene	63		36 - 130
DCB Decachlorobiphenyl	67		40 - 130
DCB Decachlorobiphenyl	57		40 - 130

Lab Sample ID: 680-70818-5 MS

Matrix: Water

Analysis Batch: 212311

Client Sample ID: ASH-MW12-072711

Prep Type: Total/NA

Prep Batch: 210403

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Aldrin	<0.050		0.0986	0.0811		ug/L		82	14 - 168
alpha-BHC	<0.050		0.0986	0.0825		ug/L		84	43 - 138
beta-BHC	<0.050		0.0986	0.113		ug/L		115	38 - 158
4,4'-DDD	<0.099		0.197	0.197		ug/L		100	49 - 144
4,4'-DDE	<0.099		0.197	0.186		ug/L		94	46 - 144
4,4'-DDT	<0.099		0.197	0.213		ug/L		108	48 - 166
delta-BHC	<0.050		0.0986	0.0937		ug/L		95	23 - 191
Dieldrin	<0.099		0.197	0.186		ug/L		94	61 - 136
Endosulfan I	<0.050		0.0986	0.0881		ug/L		89	52 - 141
Endosulfan II	<0.099		0.197	0.182		ug/L		92	60 - 140
Endosulfan sulfate	<0.099		0.197	0.172		ug/L		87	60 - 151
Endrin	<0.099		0.197	0.184		ug/L		93	66 - 150
Endrin aldehyde	<0.099		0.197	0.127		ug/L		65	16 - 200
Endrin ketone	<0.099		0.197	0.178		ug/L		90	55 - 156
gamma-BHC (Lindane)	<0.050		0.0986	0.0876		ug/L		89	54 - 134
Heptachlor	<0.050		0.0986	0.0520	p	ug/L		53	10 - 200
Heptachlor epoxide	<0.050		0.0986	0.0882		ug/L		89	49 - 142
Methoxychlor	<0.099		0.197	0.148	p	ug/L		75	13 - 186

Surrogate	MS % Recovery	MS Qualifier	MS Limits
Tetrachloro-m-xylene	64		36 - 130
Tetrachloro-m-xylene	65		36 - 130
DCB Decachlorobiphenyl	68		40 - 130
DCB Decachlorobiphenyl	55		40 - 130

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Method: 8081A_8082 - Organochlorine Pesticides & PCBs (GC) (Continued)

Lab Sample ID: 680-70818-5 MSD

Matrix: Water

Analysis Batch: 212311

Client Sample ID: ASH-MW12-072711

Prep Type: Total/NA

Prep Batch: 210403

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	% Rec	% Rec.		RPD	Limit
				Result	Qualifier				Limits	RPD		
Aldrin	<0.050		0.0998	0.0769		ug/L		77	14 - 168	5	50	
alpha-BHC	<0.050		0.0998	0.0741		ug/L		74	43 - 138	11	50	
beta-BHC	<0.050		0.0998	0.0646	p F	ug/L		65	38 - 158	54	50	
4,4'-DDD	<0.099		0.200	0.172		ug/L		86	49 - 144	13	50	
4,4'-DDE	<0.099		0.200	0.171		ug/L		86	46 - 144	9	50	
4,4'-DDT	<0.099		0.200	0.172		ug/L		86	48 - 166	21	50	
delta-BHC	<0.050		0.0998	0.0777		ug/L		78	23 - 191	19	50	
Dieldrin	<0.099		0.200	0.170		ug/L		85	61 - 136	9	50	
Endosulfan I	<0.050		0.0998	0.0811		ug/L		81	52 - 141	8	50	
Endosulfan II	<0.099		0.200	0.158		ug/L		79	60 - 140	14	50	
Endosulfan sulfate	<0.099		0.200	0.149		ug/L		75	60 - 151	14	50	
Endrin	<0.099		0.200	0.164		ug/L		82	66 - 150	12	50	
Endrin aldehyde	<0.099		0.200	0.122		ug/L		61	16 - 200	4	50	
Endrin ketone	<0.099		0.200	0.153		ug/L		77	55 - 156	15	50	
gamma-BHC (Lindane)	<0.050		0.0998	0.0769		ug/L		77	54 - 134	13	50	
Heptachlor	<0.050		0.0998	<0.050		ug/L		45	10 - 200	14	50	
Heptachlor epoxide	<0.050		0.0998	0.0791		ug/L		79	49 - 142	11	50	
Methoxychlor	<0.099		0.200	<0.10		ug/L		50	13 - 186	40	50	

Surrogate	MSD		Limits
	% Recovery	Qualifier	
Tetrachloro-m-xylene	55		36 - 130
Tetrachloro-m-xylene	57		36 - 130
DCB Decachlorobiphenyl	63		40 - 130
DCB Decachlorobiphenyl	51		40 - 130

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 680-210385/10-A

Matrix: Water

Analysis Batch: 210709

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 210385

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
2,4-D	<0.50		0.50		ug/L		07/29/11 07:54	08/01/11 16:55	1
Silvex (2,4,5-TP)	<0.50		0.50		ug/L		07/29/11 07:54	08/01/11 16:55	1
2,4,5-T	<0.50		0.50		ug/L		07/29/11 07:54	08/01/11 16:55	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
DCAA	92		52 - 151	07/29/11 07:54	08/01/11 16:55	1
DCAA	77		52 - 151	07/29/11 07:54	08/01/11 16:55	1

Lab Sample ID: LCS 680-210385/11-A

Matrix: Water

Analysis Batch: 210709

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 210385

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	% Rec.	
		Result	Qualifier				Limits	RPD
2,4-D	2.00	1.92		ug/L		96	63 - 130	
Silvex (2,4,5-TP)	2.00	1.82		ug/L		91	64 - 130	
2,4,5-T	2.00	1.88		ug/L		94	59 - 130	

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 680-210385/11-A
Matrix: Water
Analysis Batch: 210709

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 210385

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
DCAA	92		52 - 151
DCAA	98		52 - 151

Method: 8290 - Dioxins/Furans, HRGC/HRMS (8290)

Lab Sample ID: G1G290000037B
Matrix: Water
Analysis Batch: 1210037

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 1210037_P

Analyte	MB MB		ML	EDL	TEF	TEQ	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
2,3,7,8-TCDD	ND		10	0.54	1			07/29/11 09:00	07/29/11 19:42	1	
Total HxCDD	ND		50	0.35				07/29/11 09:00	07/29/11 19:42	1	
Total HxCDF	ND		50	0.29				07/29/11 09:00	07/29/11 19:42	1	
Total PeCDD	ND		50	0.95				07/29/11 09:00	07/29/11 19:42	1	
Total PeCDF	ND		50	0.42				07/29/11 09:00	07/29/11 19:42	1	
Total TCDD	ND		10	0.54				07/29/11 09:00	07/29/11 19:42	1	
Total TCDF	ND		10	0.55				07/29/11 09:00	07/29/11 19:42	1	
Total TEQ						0.00					

Internal Standard	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
13C-2,3,7,8-TCDD	86		40 - 135	07/29/11 09:00	07/29/11 19:42	1
13C-1,2,3,7,8-PeCDD	99		40 - 135	07/29/11 09:00	07/29/11 19:42	1
13C-1,2,3,6,7,8-HxCDD	91		40 - 135	07/29/11 09:00	07/29/11 19:42	1
13C-2,3,7,8-TCDF	89		40 - 135	07/29/11 09:00	07/29/11 19:42	1
13C-1,2,3,7,8-PeCDF	94		40 - 135	07/29/11 09:00	07/29/11 19:42	1
13C-1,2,3,4,7,8-HxCDF	86		40 - 135	07/29/11 09:00	07/29/11 19:42	1

Lab Sample ID: G1G290000037C
Matrix: Water
Analysis Batch: 1210037

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 1210037_P

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
2,3,7,8-TCDD	200	210		pg/L		105	72 - 144

Internal Standard	LCS LCS		Limits
	% Recovery	Qualifier	
13C-2,3,7,8-TCDD	82		40 - 135
13C-1,2,3,7,8-PeCDD	92		40 - 135
13C-1,2,3,6,7,8-HxCDD	79		40 - 135
13C-2,3,7,8-TCDF	80		40 - 135
13C-1,2,3,7,8-PeCDF	85		40 - 135
13C-1,2,3,4,7,8-HxCDF	72		40 - 135

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 680-210578/1-A
Matrix: Water
Analysis Batch: 211230

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 210578

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<5.0		5.0		ug/L		08/01/11 08:48	08/06/11 20:57	1
Arsenic	<2.5		2.5		ug/L		08/01/11 08:48	08/06/11 20:57	1
Barium	<5.0		5.0		ug/L		08/01/11 08:48	08/06/11 20:57	1
Beryllium	<0.50		0.50		ug/L		08/01/11 08:48	08/06/11 20:57	1
Cadmium	<0.50		0.50		ug/L		08/01/11 08:48	08/06/11 20:57	1
Chromium	<5.0		5.0		ug/L		08/01/11 08:48	08/06/11 20:57	1
Cobalt	<0.50		0.50		ug/L		08/01/11 08:48	08/06/11 20:57	1
Copper	<5.0		5.0		ug/L		08/01/11 08:48	08/06/11 20:57	1
Lead	<1.5		1.5		ug/L		08/01/11 08:48	08/06/11 20:57	1
Nickel	<5.0		5.0		ug/L		08/01/11 08:48	08/06/11 20:57	1
Selenium	<2.5		2.5		ug/L		08/01/11 08:48	08/06/11 20:57	1
Silver	<1.0		1.0		ug/L		08/01/11 08:48	08/06/11 20:57	1
Thallium	<1.0		1.0		ug/L		08/01/11 08:48	08/06/11 20:57	1
Tin	<5.0		5.0		ug/L		08/01/11 08:48	08/06/11 20:57	1
Vanadium	<10		10		ug/L		08/01/11 08:48	08/06/11 20:57	1
Zinc	<20		20		ug/L		08/01/11 08:48	08/06/11 20:57	1

Lab Sample ID: LCS 680-210578/2-A
Matrix: Water
Analysis Batch: 211230

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 210578

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec Limits
Antimony	50.0	45.4		ug/L		91	75 - 125
Arsenic	100	97.9		ug/L		98	75 - 125
Barium	100	95.6		ug/L		96	75 - 125
Beryllium	50.0	48.7		ug/L		97	75 - 125
Cadmium	50.0	50.0		ug/L		100	75 - 125
Chromium	100	94.4		ug/L		94	75 - 125
Cobalt	50.0	47.4		ug/L		95	75 - 125
Copper	100	97.8		ug/L		98	75 - 125
Lead	50.0	49.1		ug/L		98	75 - 125
Nickel	100	98.4		ug/L		98	75 - 125
Selenium	100	104		ug/L		104	75 - 125
Silver	50.0	49.8		ug/L		100	75 - 125
Thallium	40.0	39.7		ug/L		99	75 - 125
Tin	100	95.8		ug/L		96	75 - 125
Vanadium	100	92.9		ug/L		93	75 - 125
Zinc	100	104		ug/L		104	75 - 125

Lab Sample ID: MB 680-210809/1-A
Matrix: Water
Analysis Batch: 211204

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 210809

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:17	1
Arsenic	<2.5		2.5		ug/L		08/03/11 09:07	08/07/11 06:17	1
Barium	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:17	1
Beryllium	<0.50		0.50		ug/L		08/03/11 09:07	08/07/11 06:17	1
Cadmium	<0.50		0.50		ug/L		08/03/11 09:07	08/07/11 06:17	1
Chromium	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:17	1

QC Sample Results

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-210809/1-A
Matrix: Water
Analysis Batch: 211204

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 210809

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Cobalt	<0.50		0.50		ug/L		08/03/11 09:07	08/07/11 06:17	1
Copper	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:17	1
Lead	<1.5		1.5		ug/L		08/03/11 09:07	08/07/11 06:17	1
Nickel	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:17	1
Selenium	<2.5		2.5		ug/L		08/03/11 09:07	08/07/11 06:17	1
Silver	<1.0		1.0		ug/L		08/03/11 09:07	08/07/11 06:17	1
Thallium	<1.0		1.0		ug/L		08/03/11 09:07	08/07/11 06:17	1
Tin	<5.0		5.0		ug/L		08/03/11 09:07	08/07/11 06:17	1
Vanadium	<10		10		ug/L		08/03/11 09:07	08/07/11 06:17	1
Zinc	<20		20		ug/L		08/03/11 09:07	08/07/11 06:17	1

Lab Sample ID: LCS 680-210809/2-A
Matrix: Water
Analysis Batch: 211204

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 210809

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Antimony	50.0	48.4		ug/L		97	75 - 125
Arsenic	100	101		ug/L		101	75 - 125
Barium	100	108		ug/L		108	75 - 125
Beryllium	50.0	46.8		ug/L		94	75 - 125
Cadmium	50.0	52.4		ug/L		105	75 - 125
Chromium	100	101		ug/L		101	75 - 125
Cobalt	50.0	49.8		ug/L		100	75 - 125
Copper	100	102		ug/L		102	75 - 125
Lead	50.0	51.4		ug/L		103	75 - 125
Nickel	100	99.6		ug/L		100	75 - 125
Selenium	100	106		ug/L		106	75 - 125
Silver	50.0	50.0		ug/L		100	75 - 125
Thallium	40.0	41.3		ug/L		103	75 - 125
Tin	100	102		ug/L		102	75 - 125
Vanadium	100	99.3		ug/L		99	75 - 125
Zinc	100	108		ug/L		108	75 - 125

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-210895/1-A
Matrix: Water
Analysis Batch: 211050

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 210895

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	<0.20		0.20		ug/L		08/03/11 16:56	08/04/11 17:34	1

Lab Sample ID: LCS 680-210895/2-A
Matrix: Water
Analysis Batch: 211050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 210895

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Mercury	2.50	2.57		ug/L		103	80 - 120

QC Sample Results

Client: Ashland Inc.

TestAmerica Job ID: 680-70818-1

Project/Site: Hercules Hattiesburg APIX 7/27/11

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 680-210574/1-A

Matrix: Water

Analysis Batch: 210679

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 210574

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.010		0.010		mg/L		08/01/11 07:51	08/02/11 06:31	1

Lab Sample ID: HLCS 680-210574/3-A

Matrix: Water

Analysis Batch: 210679

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 210574

Analyte	Spike Added	HLCS Result	HLCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.0751	0.0804		mg/L		107	

Lab Sample ID: LCS 680-210574/2-A

Matrix: Water

Analysis Batch: 210679

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 210574

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Cyanide, Total	0.0301	0.0272		mg/L		90	85 - 115

Lab Sample ID: 680-70818-7 DU

Matrix: Water

Analysis Batch: 210679

Client Sample ID: ASH-MW04-072711

Prep Type: Total/NA

Prep Batch: 210574

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cyanide, Total	<0.010		<0.010		mg/L		NC	20

Method: 9034 - Sulfide, Acid Soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 680-210451/1

Matrix: Water

Analysis Batch: 210451

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.0		1.0		mg/L			07/29/11 13:06	1

Lab Sample ID: LCS 680-210451/2

Matrix: Water

Analysis Batch: 210451

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Sulfide	10.0	8.72		mg/L		87	75 - 125

QC Association Summary

Client: Ashland Inc.

TestAmerica Job ID: 680-70818-1

Project/Site: Hercules Hattiesburg APIX 7/27/11

GC/MS VOA

Analysis Batch: 210624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-1	ASH-MW24-072711	Total/NA	Water	8260B	
680-70818-3	ASH-MW18-072711	Total/NA	Water	8260B	
680-70818-4	ASH-MW20-072711	Total/NA	Water	8260B	
680-70818-5	ASH-MW12-072711	Total/NA	Water	8260B	
680-70818-6	ASH-MW02-072711	Total/NA	Water	8260B	
680-70818-7	ASH-MW04-072711	Total/NA	Water	8260B	
680-70818-9	ASH-MW10-072711	Total/NA	Water	8260B	
680-70818-10	ASH-MW03-072711	Total/NA	Water	8260B	
680-70818-11	ASH-DUP-072711	Total/NA	Water	8260B	
680-70818-12	Trip Blank 063011	Total/NA	Water	8260B	
LCS 680-210624/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-210624/6	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-210624/8	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 210665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-2	ASH-MW22-072711	Total/NA	Water	8260B	
LCS 680-210665/8	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-210665/9	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-210665/11	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 210908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-2 MS	ASH-MW22-072711	Total/NA	Water	8260B	
680-70818-2 MSD	ASH-MW22-072711	Total/NA	Water	8260B	
680-70818-8	ASH-MW11-072711	Total/NA	Water	8260B	
LCS 680-210908/6	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-210908/8	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 680-210908/9	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 210688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	3520C	
680-70818-5 MS	ASH-MW12-072711	Total/NA	Water	3520C	
680-70818-5 MSD	ASH-MW12-072711	Total/NA	Water	3520C	
680-70818-6	ASH-MW02-072711	Total/NA	Water	3520C	
680-70818-6 MS	ASH-MW02-072711	Total/NA	Water	3520C	
680-70818-6 MSD	ASH-MW02-072711	Total/NA	Water	3520C	
680-70818-7	ASH-MW04-072711	Total/NA	Water	3520C	
LCS 680-210688/10-A	Lab Control Sample	Total/NA	Water	3520C	
LCS 680-210688/16-A	Lab Control Sample	Total/NA	Water	3520C	
MB 680-210688/9-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 210976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5 MS	ASH-MW12-072711	Total/NA	Water	8270C	210688
680-70818-5 MSD	ASH-MW12-072711	Total/NA	Water	8270C	210688
LCS 680-210688/10-A	Lab Control Sample	Total/NA	Water	8270C	210688

QC Association Summary

Client: Ashland Inc.

TestAmerica Job ID: 680-70818-1

Project/Site: Hercules Hattiesburg APIX 7/27/11

GC/MS Semi VOA (Continued)

Analysis Batch: 211110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	8270C	210688
680-70818-6	ASH-MW02-072711	Total/NA	Water	8270C	210688
680-70818-6 MS	ASH-MW02-072711	Total/NA	Water	8270C	210688
680-70818-6 MSD	ASH-MW02-072711	Total/NA	Water	8270C	210688
680-70818-7	ASH-MW04-072711	Total/NA	Water	8270C	210688
LCS 680-210688/16-A	Lab Control Sample	Total/NA	Water	8270C	210688
MB 680-210688/9-A	Method Blank	Total/NA	Water	8270C	210688

GC Semi VOA

Prep Batch: 210385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	8151A	
680-70818-6	ASH-MW02-072711	Total/NA	Water	8151A	
680-70818-7	ASH-MW04-072711	Total/NA	Water	8151A	
LCS 680-210385/11-A	Lab Control Sample	Total/NA	Water	8151A	
MB 680-210385/10-A	Method Blank	Total/NA	Water	8151A	

Prep Batch: 210403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	3520C	
680-70818-5 MS	ASH-MW12-072711	Total/NA	Water	3520C	
680-70818-5 MSD	ASH-MW12-072711	Total/NA	Water	3520C	
680-70818-6	ASH-MW02-072711	Total/NA	Water	3520C	
680-70818-7	ASH-MW04-072711	Total/NA	Water	3520C	
LCS 680-210403/10-A	Lab Control Sample	Total/NA	Water	3520C	
LCS 680-210403/13-A	Lab Control Sample	Total/NA	Water	3520C	
LCS 680-210403/18-A	Lab Control Sample	Total/NA	Water	3520C	
LCSD 680-210403/17-A	Lab Control Sample Dup	Total/NA	Water	3520C	
LCSD 680-210403/19-A	Lab Control Sample Dup	Total/NA	Water	3520C	
MB 680-210403/9-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 210709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	8151A	210385
680-70818-6	ASH-MW02-072711	Total/NA	Water	8151A	210385
680-70818-7	ASH-MW04-072711	Total/NA	Water	8151A	210385
LCS 680-210385/11-A	Lab Control Sample	Total/NA	Water	8151A	210385
MB 680-210385/10-A	Method Blank	Total/NA	Water	8151A	210385

Analysis Batch: 212311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	8081A_8082	210403
680-70818-5 MS	ASH-MW12-072711	Total/NA	Water	8081A_8082	210403
680-70818-5 MSD	ASH-MW12-072711	Total/NA	Water	8081A_8082	210403
680-70818-6	ASH-MW02-072711	Total/NA	Water	8081A_8082	210403
680-70818-7	ASH-MW04-072711	Total/NA	Water	8081A_8082	210403
LCS 680-210403/10-A	Lab Control Sample	Total/NA	Water	8081A_8082	210403
LCS 680-210403/13-A	Lab Control Sample	Total/NA	Water	8081A_8082	210403
LCS 680-210403/18-A	Lab Control Sample	Total/NA	Water	8081A_8082	210403
LCSD 680-210403/17-A	Lab Control Sample Dup	Total/NA	Water	8081A_8082	210403
LCSD 680-210403/19-A	Lab Control Sample Dup	Total/NA	Water	8081A_8082	210403

QC Association Summary

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

GC Semi VOA (Continued)

Analysis Batch: 212311 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-210403/9-A	Method Blank	Total/NA	Water	8081A_8082	210403

DIOXIN

Analysis Batch: 1210037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total	Water	8290	
680-70818-6	ASH-MW02-072711	Total	Water	8290	
680-70818-7	ASH-MW04-072711	Total	Water	8290	
G1G290000037B	Method Blank	Total	Water	8290	
G1G290000037C	Lab Control Sample	Total	Water	8290	

Prep Batch: 1210037_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total	Water	8290	
680-70818-6	ASH-MW02-072711	Total	Water	8290	
680-70818-7	ASH-MW04-072711	Total	Water	8290	
G1G290000037B	Method Blank	Total	Water	8290	
G1G290000037C	Lab Control Sample	Total	Water	8290	

Metals

Prep Batch: 210578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	3010A	
LCS 680-210578/2-A	Lab Control Sample	Total/NA	Water	3010A	
MB 680-210578/1-A	Method Blank	Total/NA	Water	3010A	

Prep Batch: 210809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-6	ASH-MW02-072711	Total/NA	Water	3010A	
680-70818-7	ASH-MW04-072711	Total/NA	Water	3010A	
LCS 680-210809/2-A	Lab Control Sample	Total/NA	Water	3010A	
MB 680-210809/1-A	Method Blank	Total/NA	Water	3010A	

Prep Batch: 210895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	7470A	
680-70818-6	ASH-MW02-072711	Total/NA	Water	7470A	
680-70818-7	ASH-MW04-072711	Total/NA	Water	7470A	
LCS 680-210895/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 680-210895/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 211050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	7470A	210895
680-70818-6	ASH-MW02-072711	Total/NA	Water	7470A	210895
680-70818-7	ASH-MW04-072711	Total/NA	Water	7470A	210895
LCS 680-210895/2-A	Lab Control Sample	Total/NA	Water	7470A	210895
MB 680-210895/1-A	Method Blank	Total/NA	Water	7470A	210895

QC Association Summary

Client: Ashland Inc.
 Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Metals (Continued)

Analysis Batch: 211204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-6	ASH-MW02-072711	Total/NA	Water	6020	210809
680-70818-7	ASH-MW04-072711	Total/NA	Water	6020	210809
LCS 680-210809/2-A	Lab Control Sample	Total/NA	Water	6020	210809
MB 680-210809/1-A	Method Blank	Total/NA	Water	6020	210809

Analysis Batch: 211230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	6020	210578
LCS 680-210578/2-A	Lab Control Sample	Total/NA	Water	6020	210578
MB 680-210578/1-A	Method Blank	Total/NA	Water	6020	210578

General Chemistry

Analysis Batch: 210451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	9034	
680-70818-6	ASH-MW02-072711	Total/NA	Water	9034	
680-70818-7	ASH-MW04-072711	Total/NA	Water	9034	
LCS 680-210451/2	Lab Control Sample	Total/NA	Water	9034	
MB 680-210451/1	Method Blank	Total/NA	Water	9034	

Prep Batch: 210574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	9012A	
680-70818-6	ASH-MW02-072711	Total/NA	Water	9012A	
680-70818-7	ASH-MW04-072711	Total/NA	Water	9012A	
680-70818-7 DU	ASH-MW04-072711	Total/NA	Water	9012A	
HLCS 680-210574/3-A	Lab Control Sample	Total/NA	Water	9012A	
LCS 680-210574/2-A	Lab Control Sample	Total/NA	Water	9012A	
MB 680-210574/1-A	Method Blank	Total/NA	Water	9012A	

Analysis Batch: 210679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-70818-5	ASH-MW12-072711	Total/NA	Water	9012A	210574
680-70818-6	ASH-MW02-072711	Total/NA	Water	9012A	210574
680-70818-7	ASH-MW04-072711	Total/NA	Water	9012A	210574
680-70818-7 DU	ASH-MW04-072711	Total/NA	Water	9012A	210574
HLCS 680-210574/3-A	Lab Control Sample	Total/NA	Water	9012A	210574
LCS 680-210574/2-A	Lab Control Sample	Total/NA	Water	9012A	210574
MB 680-210574/1-A	Method Blank	Total/NA	Water	9012A	210574

Lab Chronicle

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW24-072711

Lab Sample ID: 680-70818-1

Date Collected: 07/27/11 08:20

Matrix: Water

Date Received: 07/28/11 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210624	07/30/11 15:23	RB	TAL SAV

Client Sample ID: ASH-MW22-072711

Lab Sample ID: 680-70818-2

Date Collected: 07/27/11 08:55

Matrix: Water

Date Received: 07/28/11 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210665	07/30/11 16:37	RB	TAL SAV

Client Sample ID: ASH-MW18-072711

Lab Sample ID: 680-70818-3

Date Collected: 07/27/11 09:23

Matrix: Water

Date Received: 07/28/11 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210624	07/30/11 15:53	RB	TAL SAV

Client Sample ID: ASH-MW20-072711

Lab Sample ID: 680-70818-4

Date Collected: 07/27/11 10:00

Matrix: Water

Date Received: 07/28/11 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210624	07/30/11 20:48	RB	TAL SAV

Client Sample ID: ASH-MW12-072711

Lab Sample ID: 680-70818-5

Date Collected: 07/27/11 10:14

Matrix: Water

Date Received: 07/28/11 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210624	07/30/11 16:23	RB	TAL SAV
Total/NA	Prep	3520C			400.2 mL	0.5 mL	210688	08/02/11 15:02	RBS	TAL SAV
Total/NA	Analysis	8270C		1			211110	08/05/11 17:00	LH	TAL SAV
Total/NA	Prep	8151A			974.5 mL	10 mL	210385	07/29/11 07:54	CTR	TAL SAV
Total/NA	Analysis	8151A		1			210709	08/01/11 18:47	WTE	TAL SAV
Total/NA	Prep	3520C			504.4 mL	5 mL	210403	07/29/11 14:35	RBS	TAL SAV
Total/NA	Analysis	8081A_8082		1			212311	08/08/11 06:07	WTE	TAL SAV
Total	Prep	8290			1016.71 mL	20 uL	1210037_P	07/29/11 09:00	BG	TAL WSC
Total	Analysis	8290		0.98			1210037	07/30/11 01:44	LLH	TAL WSC
Total/NA	Prep	7470A			50 mL	50 mL	210895	08/03/11 17:01	RAM	TAL SAV
Total/NA	Analysis	7470A		1			211050	08/04/11 18:43	CE	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	210578	08/01/11 08:48	BCB	TAL SAV
Total/NA	Analysis	6020		1			211230	08/07/11 00:12	BB	TAL SAV
Total/NA	Analysis	9034		1	250 mL	250 mL	210451	07/29/11 13:06	DAM	TAL SAV
Total/NA	Prep	9012A			50 mL	50 mL	210574	08/01/11 07:51	DAM	TAL SAV
Total/NA	Analysis	9012A		1			210679	08/02/11 06:56	DAM	TAL SAV

Lab Chronicle

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW02-072711

Lab Sample ID: 680-70818-6

Date Collected: 07/27/11 12:10

Matrix: Water

Date Received: 07/28/11 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210624	07/30/11 16:52	RB	TAL SAV
Total/NA	Prep	3520C			507.0 mL	0.5 mL	210688	08/02/11 15:02	RBS	TAL SAV
Total/NA	Analysis	8270C		1			211110	08/05/11 16:01	LH	TAL SAV
Total/NA	Prep	8151A			988.9 mL	10 mL	210385	07/29/11 07:54	CTR	TAL SAV
Total/NA	Analysis	8151A		1			210709	08/01/11 19:02	WTE	TAL SAV
Total/NA	Prep	3520C			1006.3 mL	10 mL	210403	07/29/11 14:35	RBS	TAL SAV
Total/NA	Analysis	8081A_8082		1			212311	08/08/11 06:26	WTE	TAL SAV
Total	Prep	8290			988.62 mL	20 uL	1210037_P	07/29/11 09:00	BG	TAL WSC
Total	Analysis	8290		1.01			1210037	07/30/11 02:29	LLH	TAL WSC
Total/NA	Prep	7470A			50 mL	50 mL	210895	08/03/11 17:01	RAM	TAL SAV
Total/NA	Analysis	7470A		1			211050	08/04/11 18:53	CE	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	210809	08/03/11 09:07	RA	TAL SAV
Total/NA	Analysis	6020		1			211204	08/07/11 06:38	BB	TAL SAV
Total/NA	Analysis	9034		1	250 mL	250 mL	210451	07/29/11 13:06	DAM	TAL SAV
Total/NA	Prep	9012A			50 mL	50 mL	210574	08/01/11 07:51	DAM	TAL SAV
Total/NA	Analysis	9012A		1			210679	08/02/11 06:57	DAM	TAL SAV

Client Sample ID: ASH-MW04-072711

Lab Sample ID: 680-70818-7

Date Collected: 07/27/11 12:55

Matrix: Water

Date Received: 07/28/11 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210624	07/30/11 21:48	RB	TAL SAV
Total/NA	Prep	3520C			958.8 mL	1 mL	210688	08/02/11 15:02	RBS	TAL SAV
Total/NA	Analysis	8270C		1			211110	08/05/11 16:30	LH	TAL SAV
Total/NA	Prep	8151A			981.1 mL	10 mL	210385	07/29/11 07:54	CTR	TAL SAV
Total/NA	Analysis	8151A		1			210709	08/01/11 19:18	WTE	TAL SAV
Total/NA	Prep	3520C			978.7 mL	10 mL	210403	07/29/11 14:35	RBS	TAL SAV
Total/NA	Analysis	8081A_8082		1			212311	08/08/11 06:45	WTE	TAL SAV
Total	Prep	8290			999.19 mL	20 uL	1210037_P	07/29/11 09:00	BG	TAL WSC
Total	Analysis	8290		1			1210037	07/30/11 03:14	LLH	TAL WSC
Total/NA	Prep	7470A			50 mL	50 mL	210895	08/03/11 17:01	RAM	TAL SAV
Total/NA	Analysis	7470A		1			211050	08/04/11 18:56	CE	TAL SAV
Total/NA	Prep	3010A			50 mL	250 mL	210809	08/03/11 09:07	RA	TAL SAV
Total/NA	Analysis	6020		1			211204	08/07/11 06:44	BB	TAL SAV
Total/NA	Analysis	9034		1	250 mL	250 mL	210451	07/29/11 13:06	DAM	TAL SAV
Total/NA	Prep	9012A			50 mL	50 mL	210574	08/01/11 07:51	DAM	TAL SAV
Total/NA	Analysis	9012A		1			210679	08/02/11 06:58	DAM	TAL SAV

Lab Chronicle

Client: Ashland Inc.
Project/Site: Hercules Hattiesburg APIX 7/27/11

TestAmerica Job ID: 680-70818-1

Client Sample ID: ASH-MW11-072711

Lab Sample ID: 680-70818-8

Date Collected: 07/27/11 14:55

Matrix: Water

Date Received: 07/28/11 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210908	08/01/11 19:52	WJC	TAL SAV

Client Sample ID: ASH-MW10-072711

Lab Sample ID: 680-70818-9

Date Collected: 07/27/11 14:40

Matrix: Water

Date Received: 07/28/11 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210624	07/30/11 20:19	RB	TAL SAV

Client Sample ID: ASH-MW03-072711

Lab Sample ID: 680-70818-10

Date Collected: 07/27/11 13:40

Matrix: Water

Date Received: 07/28/11 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210624	07/30/11 19:49	RB	TAL SAV

Client Sample ID: ASH-DUP-072711

Lab Sample ID: 680-70818-11

Date Collected: 07/27/11 00:00

Matrix: Water

Date Received: 07/28/11 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210624	07/30/11 21:18	RB	TAL SAV

Client Sample ID: Trip Blank 063011

Lab Sample ID: 680-70818-12

Date Collected: 07/27/11 00:00

Matrix: Water

Date Received: 07/28/11 14:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	210624	07/30/11 14:24	RB	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL WSC = TestAmerica West Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

00107 (Custody Seal) ... Serial Number 041871

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD



THE LEADER IN ENVIRONMENTAL TESTING

Website: www.testamericainc.com
 Phone: (912) 354-7858
 Fax: (912) 352-0165

TestAmerica Savannah
 5102 LaRoche Avenue
 Savannah, GA 31404

Phone: _____
 Fax: _____

Alternate Laboratory Name/Location

PROJECT REFERENCE: Hercules Antisubs AP96M
 TAL (LAB) PROJECT MANAGER: Lidya Guizina
 CLIENT (SITE) PM: Tim Hassett
 CLIENT NAME: Ashland Chemical
 CLIENT ADDRESS: 500 Hercules Road Wilmington, DE 19808-1599
 COMPANY CONTRACTING THIS WORK (if applicable):
 PROJECT NO.: 11073
 P.O. NUMBER: _____
 CLIENT PHONE: 302-995-3456
 CLIENT FAX: 995-3456
 CLIENT E-MAIL: td.bassett@ashland.com

REQUIRED ANALYSIS	MATRIX TYPE	PROJECT LOCATION (STATE)	CONTRACT NO.
8260 VOC	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	MS	MS
8081-8082	AIR		
8270 C	SOLID OR SEMISOLID		
8151A HERB	ACQUEOUS (WATER)		
9034 suite	COMPOSITE (C) OR GRAB (G) INDICATE		
9012A CN			
6020 metals AP9			
7470A-7470HG			
unpreserved AP9			
8260B VOC			
unpreserved AP9			

DATE	TIME	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS SUBMITTED			REMARKS
			DATE	TIME	DATE	
7-27-11	0820	ASH-MW24-072711	3			
7-27-11	0855	ASH-MW22-072711	3			
7-27-11	0855	ASH-MW22-072711-MS	3			
7-27-11	0855	ASH-MW22-072711-MSD	3			
7-27-11	0923	ASH-MW18-072711	3			
7-27-11	1000	ASH-MW20-072711	3			
7-27-11	1014	ASH-MW12-072711	3	1	2	2
7-27-11	1210	ASH-MW02-072711	3	1	2	2
7-27-11	1255	ASH-MW04-072711	3	1	2	2
7-27-11	1455	ASH-MW11-072711	3	1	2	2
7-27-11	1440	ASH-MW10-072711	3	1	2	2
7-27-11	1340	ASH-MW03-072711	3			

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[Signature]	7-27-11	1630			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
[Signature]	7-28-11	1409			

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE) [Signature]
 DATE: 7/28/11 TIME: 1409

SAVANNAH LOG NO.: 208-70818
 CUSTODY SEAL NO.: [Blank]
 CUSTODY INTACT: YES [X] NO []

LABORATORY REMARKS: 15/14/04



Serial Number 040453

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Phone:
Fax:

Alternate Laboratory Name/Location

PROJECT REFERENCE: **Hart, J. Hobbs, Hooks AP96M**
 PROJECT NO.: **11073**
 P.O. NUMBER: _____
 CLIENT PHONE: **302-995-342**
 CLIENT FAX: **995-3485**
 CLIENT (SITE) PM: **Lidya Guizina**
 PROJECT MANAGER: **Tim Hassett**
 CLIENT NAME: **Ashland Chemical**
 CLIENT ADDRESS: **500 Hercules Road Wilmington, DE 19808-1599**
 COMPANY CONTRACTING THIS WORK (if applicable): _____

PROJECT LOCATION (STATE): **MS**
 CONTRACT NO.: _____
 CLIENT FAX: **995-3485**
 CLIENT E-MAIL: **td.hassett@ashland.com**

MATRIX TYPE: _____
 AQUEOUS (WATER): _____
 SOLID OR SEMISOLID: _____
 NONAQUEOUS LIQUID (OIL SOLVENT): _____

REQUIRED ANALYSIS: _____
 STANDARD REPORT DELIVERY:
 DATE DUE: _____
 EXPEDITED REPORT DELIVERY (SURCHARGE):
 DATE DUE: _____
 NUMBER OF COOLERS SUBMITTED PER SHIPMENT: **4**
 REMARKS: _____

NUMBER OF CONTAINERS SUBMITTED: _____
 REMARKS: **TRIP BLANK**

RELINQUISHED BY: (SIGNATURE) _____ DATE: **7-27-11** TIME: **1630**
 RECEIVED BY: (SIGNATURE) _____ DATE: _____ TIME: _____

RECEIVED FOR LABORATORY BY: (SIGNATURE) **Jessie Conner** DATE: **7/28/11** TIME: **1409**
 CUSTODY SEAL NO.: _____
 SAVANNAH LOG NO.: **680-70818**

LABORATORY USE ONLY
 LABORATORY REMARKS: _____



TAI 82 (06/80) (100X)

Custody Seal # 993267

Fed Ex Acct # 1955 40403

Serial Number 041872

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Alternate Laboratory Name/Location
TestAmerica W. Sacramento
880 Riverside Pkwy, W. Sacramento, CA
Phone: 916-373-5600
Fax:

PROJECT REFERENCE Hercules Hattiesburg 896M	PROJECT NO. 11073	PROJECT LOCATION (STATE) MS	MATRIX TYPE	REQUIRED ANALYSIS	PAGE 1 OF 1
TAL (LAB) PROJECT MANAGER Lidya Gul: zia	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	STANDARD REPORT DELIVERY
CLIENT (SITE) PM Tim Hassel #	CLIENT PHONE 302-995-3456	CLIENT FAX 995-3485	AQUEOUS (WATER)	AIR	DATE DUE
CLIENT NAME Ashland Chemical	CLIENT E-MAIL tdhassel#@ashland.com		SOLID OR SEMISOLID		EXPEDITED REPORT DELIVERY (SURCHARGE)
CLIENT ADDRESS 500 Hercules Road Wilmington DE. 19808-1599					DATE DUE
COMPANY CONTRACTING THIS WORK (if applicable)					NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 1

PRESERVATIVE

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS SUBMITTED		REMARKS
			COMPOSITE (C) OR GRAB (G) INDICATE	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	
27-11	1014	ASH-MW12-072711	G X	2	
27-11	1210	ASH-MW02-072711	G X	2	
27-11	1255	ASH-MW04-072711	G X	2	
(b) (6)					

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
<i>[Signature]</i>	7-27-11	1630			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
<i>[Signature]</i>	7-28-11	1055			

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	SAVANNAH LOG NO.	LABORATORY REMARKS
			YES <input type="radio"/> NO <input type="radio"/>		

Received 1 of 2 Riv. - Gen 7-28-11

1
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13
14
15

CLIENT Ashland chemical PM JK LOG # 71924
LOT# (QUANTIMS ID) 6119280407 616270436 QUOTE# 62742 LOCATION W20C
DATE RECEIVED 7-28-11 TIME RECEIVED 8:55 Checked (✓)
DELIVERED BY FEDEX ON TRAC OTHER
 GOLDENSTATE UPS EZ PARCEL
 TAL COURIER TAL SF CLIENT
SHIPPING CONTAINER(S) TAL CLIENT N/A
CUSTODY SEAL STATUS INTACT BROKEN N/A
CUSTODY SEAL #(S) 993267
COC #(S) 041872
TEMPERATURE BLANK Observed: 2 Corrected: 3
SAMPLE TEMPERATURE - (TEMPERATURES ARE IN °C)
Observed: 222 Average 2 Corrected Average 2
LABORATORY THERMOMETER ID:
IR UNIT: #4 #5 OTHER

Bj 7-28-11
Initials Date

=====
pH MEASURED YES ANOMALY N/A
LABELED BY.....
LABELS CHECKED BY.....
PEER REVIEW NA
SHORT HOLD TEST NOTIFICATION SAMPLE RECEIVING
WETCHEM N/A
VOA-ENCORES N/A
 METALS NOTIFIED OF FILTER/PRESERVE VIA VERBAL & EMAIL N/A
 COMPLETE SHIPMENT RECEIVED IN GOOD CONDITION WITH APPROPRIATE TEMPERATURES, CONTAINERS, PRESERVATIVES N/A
 CLOUSEAU TEMPERATURE EXCEEDED (2 °C - 6 °C)*1 N/A
 WET ICE BLUE ICE GEL PACK NO COOLING AGENTS USED PM NOTIFIED

Notes Sample ID Ash-MW02 072711 1 sample of 2 Received Broken
Initials Bj Date 28 July 11

*1 Acceptable temperature range for State of Wisconsin samples is ≤4°C.

Bottle Lot Inventory

Lot 616280407
 ID: 616270436
 OK 7/18/11

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VOA*	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
VOAh*	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
AGB	2	1	2																	
AGBs																				
250AGB																				
250AGBs																				
250AGBn																				
500AGB																				
___AGJ																				
500AGJ																				
250AGJ																				
125AGJ																				
___CGJ																				
500CGJ																				
250CGJ																				
125CGJ																				
PJ																				
PJn																				
500PJ																				
500PJn																				
500PJna																				
500PJzn/na																				
250PJ																				
250PJn																				
250PJna																				
250PJzn/na																				
Acetate Tube																				
___"CT																				
Encore																				
Folder/filter																				
PUF																				
Petri/Filter																				
XAD Trap																				
Ziploc																				

h = hydrochloric acid s = sulfuric acid na = sodium hydroxide n = nitric acid zn = zinc acetate

Number of VOAs with air bubbles present / total number of VOA's

FedEx Express **NEW Package** **US Airbill**

FedEx Tracking Number

8762 4557 8318

0200

Form ID No.

FedEx Retrieval Copy

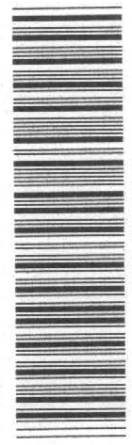
1 From Date 7-27-11 Sender's FedEx Account Number 2028-0974-0

Sender's Name B. Eanos Phone 251 342-0700 422-7099

Company Eco-Systems Inc. Address 775 N. University Blvd #270 Dept./Floor/Suite/Room City Mobile State AL ZIP 36608

2 Your Internal Billing Reference 11073 3, To Recipient's Name Test Area, W. Sacramento Company 880 Riverside PKWY Address We cannot deliver to P.O. boxes or P.O. ZIP codes. 880 Riverside PKWY City to Sacramento State CA ZIP 95605

01 HOLD Weekday FedEx location address REQUIRED. NOT available for FedEx First Overnight. Dept./Floor/Suite/Room 01 31 HOLD Saturday FedEx location address REQUIRED. Available only for FedEx 2Day to select locations.



8762 4557 8318

4 Express Package Service * To most locations. NOTE: Service order has changed. Please select carefully.

- Next Business Day: FedEx First Overnight, FedEx Priority Overnight, FedEx Standard Overnight
- 2 or 3 Business Days: NEW FedEx 2Day A.M., FedEx 2Day, FedEx Express Saver

5 Packaging * Declared value limit \$500. FedEx Envelope, FedEx Pak, FedEx Box, FedEx Tube, Other

6 Special Handling and Delivery Signature Options. SATURDAY DELIVERY

No Signature Required, Direct Signature, Indirect Signature. Does this shipment contain dangerous goods? One box must be checked.

7 Payment Bill to: Sender, Recipient, Third Party, Credit Card, Cash/Check. Obtain recip. Acct. No.

Total Packages 155 Total Weight 155 lbs. 612

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Login Sample Receipt Checklist

Client: Ashland Inc.

Job Number: 680-70818-1

Login Number: 70818

List Source: TestAmerica Savannah

List Number: 1

Creator: Conner, Keaton

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	3 coolers rec'd on ice
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.5, 1.4, 0.4 C
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 sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	MW02 (-6) received 1 liter amber broken
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	Insufficient volume received for MS/MSD.
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: Ashland Inc.

TestAmerica Job ID: 680-70818-1

Project/Site: Hercules Hattiesburg APIX 7/27/11

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Savannah	A2LA	DoD ELAP		0399-01
TestAmerica Savannah	A2LA	ISO/IEC 17025		399.01
TestAmerica Savannah	Alabama	State Program	4	41450
TestAmerica Savannah	Arkansas	Arkansas DOH	6	N/A
TestAmerica Savannah	Arkansas	State Program	6	88-0692
TestAmerica Savannah	California	NELAC	9	3217CA
TestAmerica Savannah	Colorado	State Program	8	N/A
TestAmerica Savannah	Connecticut	State Program	1	PH-0161
TestAmerica Savannah	Delaware	State Program	3	N/A
TestAmerica Savannah	Florida	NELAC	4	E87052
TestAmerica Savannah	Georgia	Georgia EPD	4	N/A
TestAmerica Savannah	Georgia	State Program	4	803
TestAmerica Savannah	Guam	State Program	9	09-005r
TestAmerica Savannah	Hawaii	State Program	9	N/A
TestAmerica Savannah	Illinois	NELAC	5	200022
TestAmerica Savannah	Indiana	State Program	5	N/A
TestAmerica Savannah	Iowa	State Program	7	353
TestAmerica Savannah	Kansas	NELAC	7	E-10322
TestAmerica Savannah	Kentucky	Kentucky UST	4	18
TestAmerica Savannah	Kentucky	State Program	4	90084
TestAmerica Savannah	Louisiana	NELAC	6	30690
TestAmerica Savannah	Louisiana	NELAC	6	LA100015
TestAmerica Savannah	Maine	State Program	1	GA00006
TestAmerica Savannah	Maryland	State Program	3	250
TestAmerica Savannah	Massachusetts	State Program	1	M-GA006
TestAmerica Savannah	Michigan	State Program	5	9925
TestAmerica Savannah	Mississippi	State Program	4	N/A
TestAmerica Savannah	Montana	State Program	8	CERT0081
TestAmerica Savannah	Nebraska	State Program	7	TestAmerica-Savannah
TestAmerica Savannah	Nevada	State Program	9	GA6
TestAmerica Savannah	New Jersey	NELAC	2	GA769
TestAmerica Savannah	New Mexico	State Program	6	N/A
TestAmerica Savannah	New York	NELAC	2	10842
TestAmerica Savannah	North Carolina	North Carolina DENR	4	269
TestAmerica Savannah	North Carolina	North Carolina PHL	4	13701
TestAmerica Savannah	Oklahoma	State Program	6	9984
TestAmerica Savannah	Pennsylvania	NELAC	3	68-00474
TestAmerica Savannah	Puerto Rico	State Program	2	GA00006
TestAmerica Savannah	Rhode Island	State Program	1	LAO00244
TestAmerica Savannah	South Carolina	State Program	4	98001
TestAmerica Savannah	Tennessee	State Program	4	TN02961
TestAmerica Savannah	Texas	NELAC	6	T104704185-08-TX
TestAmerica Savannah	USDA	USDA		SAV 3-04
TestAmerica Savannah	Vermont	State Program	1	87052
TestAmerica Savannah	Virginia	NELAC Secondary AB	3	460161
TestAmerica Savannah	Virginia	State Program	3	302
TestAmerica Savannah	Washington	State Program	10	C1794
TestAmerica Savannah	West Virginia	West Virginia DEP	3	94
TestAmerica Savannah	West Virginia	West Virginia DHHR (DW)	3	9950C
TestAmerica Savannah	Wisconsin	State Program	5	999819810
TestAmerica Savannah	Wyoming	State Program	8	8TMS-Q
TestAmerica West Sacramento		USEPA UCMR		CA00044
TestAmerica West Sacramento	A2LA	DoD ELAP		2928-01
TestAmerica West Sacramento	Alaska	Alaska UST	10	UST-055

Certification Summary

Client: Ashland Inc.

TestAmerica Job ID: 680-70818-1

Project/Site: Hercules Hattiesburg APIX 7/27/11

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica West Sacramento	Arizona	State Program	9	AZ0708
TestAmerica West Sacramento	Arkansas	State Program	6	88-0691
TestAmerica West Sacramento	California	NELAC	9	1119CA
TestAmerica West Sacramento	Colorado	State Program	8	N/A
TestAmerica West Sacramento	Connecticut	State Program	1	PH-0691
TestAmerica West Sacramento	Florida	NELAC	4	E87570
TestAmerica West Sacramento	Georgia	State Program	4	960
TestAmerica West Sacramento	Guam	State Program	9	N/A
TestAmerica West Sacramento	Hawaii	State Program	9	N/A
TestAmerica West Sacramento	Illinois	NELAC	5	200060
TestAmerica West Sacramento	Kansas	NELAC	7	E-10375
TestAmerica West Sacramento	Louisiana	NELAC	6	30612
TestAmerica West Sacramento	Michigan	State Program	5	9947
TestAmerica West Sacramento	Nevada	State Program	9	CA44
TestAmerica West Sacramento	New Jersey	NELAC	2	CA005
TestAmerica West Sacramento	New Mexico	State Program	6	N/A
TestAmerica West Sacramento	New York	NELAC	2	11666
TestAmerica West Sacramento	Oregon	NELAC	10	CA200005
TestAmerica West Sacramento	Pennsylvania	NELAC	3	68-01272
TestAmerica West Sacramento	South Carolina	State Program	4	87014
TestAmerica West Sacramento	Texas	NELAC	6	T104704399-08-TX
TestAmerica West Sacramento	US Fish & Wildlife	US Fish & Wildlife		LE148388-0
TestAmerica West Sacramento	USDA	USDA		P330-09-00055
TestAmerica West Sacramento	Utah	NELAC	8	QUAN1
TestAmerica West Sacramento	Virginia	State Program	3	178
TestAmerica West Sacramento	Washington	State Program	10	C581
TestAmerica West Sacramento	West Virginia	West Virginia DEP	3	334
TestAmerica West Sacramento	West Virginia	West Virginia DHHR (DW)	3	9930C
TestAmerica West Sacramento	Wisconsin	State Program	5	998204680
TestAmerica West Sacramento	Wyoming	State Program	8	8TMS-Q

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.