



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4

Science and Ecosystem Support Division
Enforcement and Investigations Branch
980 College Station Road
Athens, Georgia 30605-2720

RECEIVED
JAN 11 2011
Dept of Environmental Quality
Office of Pollution Control

January 5, 2011

4SESD-EIB

MEMORANDUM

SUBJECT: Provisional Data (Metals) for Hercules Inc. in
Hattiesburg, Mississippi; SESD Project No. 10-0629

FROM: Sharon Matthews, PG
Enforcement Section *SEM*
1/5/11

THRU: Laura Ackerman, Chief
Enforcement Section *LAW*

TO: Larry Lamberth, Chief
South Enforcement and Compliance Section
RCRA & OPA Enforcement and Compliance Branch
RCRA Division

Attached are the Metals results for the sampling investigation conducted at the Hercules facility in Hattiesburg, Mississippi on September 28-29, 2010. Data qualifiers for the attached data can be found on page 4 of each data package. If you have any questions, please contact me at (706) 355-8608 or at matthews.sharon@epa.gov.

Attachment

cc: Willie McKercher, MDEQ, w/ attachment
Jan M. Patton, MDEQ, w/ attachment
Randy Jackson, RCRA, w/attachment



R4 LIMS Results: Project 10-0629, E104009 TCLPM TMTL 01 04 11 1055

R4LIMS

to:

Sharon Matthews

01/04/2011 10:46 PM

Cc:

Jenny Scifres, Gary Bennett, R4DART

Show Details

On Tuesday, January 4, 2011, results for the following were released by the Region 4 Laboratory:

Analyses:

TCLP Metals (TCLPM)

Total Metals (TMTL)

Project Number: 10-0629

Project Name: Hercules Inc

City: Hattiesburg **State:** MS

These results were reported by:

Jenny Scifres (E-mail: Scifres.Jenny@epa.gov)

These results are for the following Sample Type(s):

Waste

Water (Equipment Rinse Blank)

Water (Preservative Blank)

PDF DATA RESULTS REPORT FILE ATTACHMENT:

An Adobe Acrobat PDF file is attached to this message that contains final results for the analyses as indicated in the data report.

DATA EXPORT FILE ATTACHMENT:

If attached, data export files will be tab delimited ASCII text files contained in a file that has been formatted using the ZIP archiving format (.Dat extension). Please consult your local computer support personnel if you have problems extracting these files. If you have questions about the data file formats and the information contained in these files, or if you would like to request export files for previously reported data, use the contact information shown below to contact the appropriate person with your concerns. To generate export files for previously reported data we'll need the name of the PDF report file that was attached to the original transmittal message.

For questions concerning this message and attachments, or any other LIMS or data reporting issues, please call the SESD PC Hotline at 706-355-8825 or send an email to r4lims@epa.gov.

If you have questions concerning the laboratory results, please feel free to contact the laboratory personnel shown above as having reported the data. We also encourage you to provide feedback to the Region 4 laboratory by filling out our online (*EPA internal network only*) Customer Survey Form.

SAMPLE DISPOSAL POLICY:

Because of the laboratory's limited space for long term sample storage, our policy is to dispose of samples on a periodic schedule. Please note that within 60 days of this memo, the original samples and all sample extracts and/or sample digestates will be disposed of in accordance with applicable regulations. The 60-day sample disposal policy does not apply to criminal samples which are held until the laboratory is notified by the criminal investigators that case development and litigation are complete.

These samples may be held in the laboratory's custody for a longer period of time if you have a special project need. If you wish for the laboratory to hold samples beyond the 60-day period, please contact our Sample Control Coordinator by e-mail at R4SampleCustody@epa.gov, and provide a reason for holding samples beyond 60 days.

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 Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700
 D.A.R.T. Id: 10-0629
 Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

January 4, 2011

4SESD-ASB

MEMORANDUM

SUBJECT: FINAL Analytical Report
 Project: 10-0629, Hercules Inc
 Civil Enforcement

FROM: Jenny Scifres
 ASB Inorganic Chemistry Section Chief

THRU: Gary Bennett, Chief
 Analytical Support Branch

TO: Sharon Matthews

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the Analytical Support Branch's (ASB) Laboratory Operations and Quality Assurance Manual (ASB LOQAM) found at www.epa.gov/region4/sesd/asbsop. Any unique project data quality objectives specified in writing by the data requestor have also been incorporated into the data unless otherwise noted in the Report Narrative. Chemistry data have been verified based on the ASB LOQAM specifications and may have been qualified if the applicable quality control criteria were not met. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report. The reported results are representative only of the samples as received by the laboratory.

Analyses Included in this report:

Method Used:

TCLP Metals (TCLPM)

TCLP Metals

EPA 6010

Total Metals (TMTL)

Total Metals

EPA 6010



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

Report Narrative for Work Order E104009, Project: 10-0629

Tin not reported per Project Leader. There is tin in reagents used for digesting the samples.

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These samples may be held in the laboratory's custody for a longer period of time if you have a special project need. If you wish for the laboratory to hold samples beyond the 60-day period, please contact our Sample Control Coordinator, Debbie Colquitt, by e-mail at Colquitt.Debbie@epa.gov, and provide a reason for holding samples beyond 60 days



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

SAMPLES INCLUDED IN THIS REPORT

Project: 10-0629, Hercules Inc

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
ERB01	E104009-01	Equipment Rinse Blank	9/23/10 13:30	10/1/10 8:35
PB01	E104009-02	Preservative Blank	9/23/10 13:30	10/1/10 8:35
HERC01-A	E104009-03	Waste	9/28/10 10:10	10/1/10 8:35
HERC02-B	E104009-04	Waste	9/28/10 10:55	10/1/10 8:35
HERC03-B	E104009-05	Waste	9/28/10 13:15	10/1/10 8:35
HERC04-B	E104009-06	Waste	9/28/10 13:50	10/1/10 8:35
HERC05-A	E104009-07	Waste	9/28/10 14:05	10/1/10 8:35
HERC06-B	E104009-08	Waste	9/28/10 14:55	10/1/10 8:35
HERC07-B	E104009-09	Waste	9/28/10 15:25	10/1/10 8:35
HERC08	E104009-10	Waste	9/29/10 08:50	10/1/10 8:35
HERC09-B	E104009-11	Waste	9/29/10 14:20	10/1/10 8:35
HERC10-B	E104009-12	Waste	9/29/10 14:15	10/1/10 8:35
HERC11-B	E104009-13	Waste	9/29/10 14:30	10/1/10 8:35
HERC12-B	E104009-14	Waste	9/29/10 14:50	10/1/10 8:35
HERC13-B	E104009-15	Waste	9/29/10 15:10	10/1/10 8:35



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Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

DATA QUALIFIER DEFINITIONS

U	The analyte was not detected at or above the reporting limit.
J	The identification of the analyte is acceptable; the reported value is an estimate.
NA-5	Not Analyzed. Cannot exceed TCLP regulatory levels based on Total Scan analyses.
OM-1	Matrix Spike Recovery less than method control limits
OM-2	Matrix Spike Recovery greater than method control limits
OM-3	Matrix Spike Precision outside method control limits
OR-2	MRL verification recovery greater than upper control limits.

ACRONYMS AND ABBREVIATIONS

CAS	Chemical Abstracts Service Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory.
MDL	Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero.
MRL	Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments.
TIC	Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported.



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 D.A.R.T. Id: 10-0629
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Total Metals

Project: 10-0629, Hercules Inc

Sample ID: ERB01

Lab ID: E104009-01

Station ID:

Matrix: Equipment Rinse Blank

Date Collected: 9/23/10 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	100	U	ug/L	100	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-36-0	Antimony	40	U	ug/L	40	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-38-2	Arsenic	50	U	ug/L	50	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-39-3	Barium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-41-7	Beryllium	3.0	U	ug/L	3.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-43-9	Cadmium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-70-2	Calcium	250	U	ug/L	250	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-47-3	Chromium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-48-4	Cobalt	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-50-8	Copper	10	U	ug/L	10	12/03/10 11:07	12/20/10 13:47	EPA 6010
7439-89-6	Iron	100	U	ug/L	100	12/03/10 11:07	12/20/10 13:47	EPA 6010
7439-92-1	Lead	20	U	ug/L	20	12/03/10 11:07	12/20/10 13:47	EPA 6010
7439-95-4	Magnesium	250	U	ug/L	250	12/03/10 11:07	12/20/10 13:47	EPA 6010
7439-96-5	Manganese	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7439-98-7	Molybdenum	10	U	ug/L	10	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-02-0	Nickel	10	U	ug/L	10	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-09-7	Potassium	1000	U	ug/L	1000	12/03/10 11:07	12/20/10 13:47	EPA 6010
7782-49-2	Selenium	45	U	ug/L	45	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-22-4	Silver	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-23-5	Sodium	1000	U	ug/L	1000	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-24-6	Strontium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-28-0	Thallium	30	U	ug/L	30	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-32-6	Titanium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-62-2	Vanadium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-65-5	Yttrium	3.0	U	ug/L	3.0	12/03/10 11:07	12/20/10 13:47	EPA 6010
7440-66-6	Zinc	10	U	ug/L	10	12/03/10 11:07	12/20/10 13:47	EPA 6010



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: ERB01

Lab ID: E104009-01

Station ID:

Matrix: Equipment Rinse Blank

Date Collected: 9/23/10 13:30

C4S Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

Total Metals

Project: 10-0629, Hercules Inc

Sample ID: PB01

Lab ID: E104009-02

Station ID:

Matrix: Preservative Blank

Date Collected: 9/23/10 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	100	U	ug/L	100	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-36-0	Antimony	40	U	ug/L	40	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-38-2	Arsenic	50	U	ug/L	50	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-39-3	Barium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-41-7	Beryllium	3.0	U	ug/L	3.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-43-9	Cadmium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-70-2	Calcium	250	U	ug/L	250	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-47-3	Chromium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-48-4	Cobalt	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-50-8	Copper	10	U	ug/L	10	12/03/10 11:07	12/20/10 14:08	EPA 6010
7439-89-6	Iron	100	U	ug/L	100	12/03/10 11:07	12/20/10 14:08	EPA 6010
7439-92-1	Lead	20	U	ug/L	20	12/03/10 11:07	12/20/10 14:08	EPA 6010
7439-95-4	Magnesium	250	U	ug/L	250	12/03/10 11:07	12/20/10 14:08	EPA 6010
7439-96-5	Manganese	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7439-98-7	Molybdenum	10	U	ug/L	10	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-02-0	Nickel	10	U	ug/L	10	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-09-7	Potassium	1000	U	ug/L	1000	12/03/10 11:07	12/20/10 14:08	EPA 6010
7782-49-2	Selenium	45	U	ug/L	45	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-22-4	Silver	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-23-5	Sodium	1000	U	ug/L	1000	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-24-6	Strontium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-28-0	Thallium	30	U	ug/L	30	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-32-6	Titanium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-62-2	Vanadium	5.0	U	ug/L	5.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-65-5	Yttrium	3.0	U	ug/L	3.0	12/03/10 11:07	12/20/10 14:08	EPA 6010
7440-66-6	Zinc	10	U	ug/L	10	12/03/10 11:07	12/20/10 14:08	EPA 6010



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: PB01

Lab ID: E104009-02

Station ID:

Matrix: Preservative Blank

Date Collected: 9/23/10 13:30

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

Total Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC01-A

Lab ID: E104009-03

Station ID: HERC01

Matrix: Waste

Date Collected: 9/28/10 10:10

C4S Number	Analyte	Results	Qualifiers	Units	MRL*	Prepared	Analyzed	Method
7429-90-5	Aluminum	6600		mg/kg	9.3	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-36-0	Antimony	3.7	U	mg/kg	3.7	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-38-2	Arsenic	4.7	U	mg/kg	4.7	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-39-3	Barium	18		mg/kg	0.47	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-41-7	Beryllium	0.28	U**	mg/kg	0.28	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-43-9	Cadmium	0.47	U	mg/kg	0.47	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-70-2	Calcium	~75	J, QM-2, QM-3	mg/kg	23	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-47-3	Chromium	24		mg/kg	0.47	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-48-4	Cobalt	7.9		mg/kg	0.47	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-50-8	Copper	69	J, QM-2, QM-3	mg/kg	0.93	12/09/10 14:01	12/20/10 15:10	EPA 6010
7439-89-6	Iron	1200	J, QM-2	mg/kg	9.3	12/09/10 14:01	12/20/10 15:10	EPA 6010
7439-92-1	Lead	23		mg/kg	1.9	12/09/10 14:01	12/20/10 15:10	EPA 6010
7439-95-4	Magnesium	65		mg/kg	23	12/09/10 14:01	12/20/10 15:10	EPA 6010
7439-96-5	Manganese	4.6		mg/kg	0.47	12/09/10 14:01	12/20/10 15:10	EPA 6010
7439-98-7	Molybdenum	8.0		mg/kg	0.93	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-02-0	Nickel	71	J, QM-2, QM-3	mg/kg	0.93	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-09-7	Potassium	93	U	mg/kg	93	12/09/10 14:01	12/20/10 15:10	EPA 6010
7782-49-2	Selenium	4.2	U	mg/kg	4.2	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-22-4	Silver	0.47	U	mg/kg	0.47	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-23-5	Sodium	170	J, QR-2	mg/kg	93	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-24-6	Strontium	2.1		mg/kg	0.47	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-28-0	Thallium	2.8	U, J, QM-1	mg/kg	2.8	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-32-6	Titanium	32		mg/kg	0.47	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-62-2	Vanadium	4.3		mg/kg	0.47	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-65-5	Yttrium	0.58		mg/kg	0.28	12/09/10 14:01	12/20/10 15:10	EPA 6010
7440-66-6	Zinc	270	J, QM-2, QM-3	mg/kg	1.9	12/09/10 14:01	12/20/10 15:10	EPA 6010



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TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC01-A

Lab ID: E104009-03

Station ID: HERC01

Matrix: Waste

Date Collected: 9/28/10 10:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700
 D.A.R.T. Id: 10-0629
 Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

Total Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC02-B

Lab ID: E104009-04

Station ID: HERC02

Matrix: Waste

Date Collected: 9/28/10 10:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	4900		mg/kg	9.8	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-36-0	Antimony	3.9	U	mg/kg	3.9	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-38-2	Arsenic	4.9	U	mg/kg	4.9	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-39-3	Barium	18		mg/kg	0.49	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-41-7	Beryllium	0.29	U	mg/kg	0.29	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-43-9	Cadmium	0.49	U	mg/kg	0.49	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-70-2	Calcium	58		mg/kg	25	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-47-3	Chromium	11		mg/kg	0.49	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-48-4	Cobalt	14		mg/kg	0.49	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-50-8	Copper	44		mg/kg	0.98	12/09/10 14:01	12/20/10 15:33	EPA 6010
7439-89-6	Iron	1600		mg/kg	9.8	12/09/10 14:01	12/20/10 15:33	EPA 6010
7439-92-1	Lead	60		mg/kg	2.0	12/09/10 14:01	12/20/10 15:33	EPA 6010
7439-95-4	Magnesium	45		mg/kg	25	12/09/10 14:01	12/20/10 15:33	EPA 6010
7439-96-5	Manganese	3.8		mg/kg	0.49	12/09/10 14:01	12/20/10 15:33	EPA 6010
7439-98-7	Molybdenum	3.1		mg/kg	0.98	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-02-0	Nickel	120		mg/kg	0.98	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-09-7	Potassium	98	U	mg/kg	98	12/09/10 14:01	12/20/10 15:33	EPA 6010
7782-49-2	Selenium	4.4	U	mg/kg	4.4	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-22-4	Silver	0.49	U	mg/kg	0.49	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-23-5	Sodium	150	J, QR-2	mg/kg	98	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-24-6	Strontium	1.6		mg/kg	0.49	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-28-0	Thallium	2.9	U	mg/kg	2.9	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-32-6	Titanium	17		mg/kg	0.49	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-62-2	Vanadium	2.1		mg/kg	0.49	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-65-5	Yttrium	0.57		mg/kg	0.29	12/09/10 14:01	12/20/10 15:33	EPA 6010
7440-66-6	Zinc	120		mg/kg	2.0	12/09/10 14:01	12/20/10 15:33	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC02-B

Lab ID: E104009-04

Station ID: HERC02

Matrix: Waste

Date Collected: 9/28/10 10:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010



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 D.A.R.T. Id: 10-0629
 Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

Total Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC03-B

Lab ID: E104009-05

Station ID: HERC03

Matrix: Waste

Date Collected: 9/28/10 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	5700		mg/kg	9.2	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-36-0	Antimony	3.7	U	mg/kg	3.7	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-38-2	Arsenic	4.6	U	mg/kg	4.6	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-39-3	Barium	21		mg/kg	0.46	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-41-7	Beryllium	0.27	U	mg/kg	0.27	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-43-9	Cadmium	0.46	U	mg/kg	0.46	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-70-2	Calcium	210		mg/kg	23	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-47-3	Chromium	7.7		mg/kg	0.46	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-48-4	Cobalt	2.9		mg/kg	0.46	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-50-8	Copper	29		mg/kg	0.92	12/09/10 14:01	12/20/10 15:41	EPA 6010
7439-89-6	Iron	4300		mg/kg	9.2	12/09/10 14:01	12/20/10 15:41	EPA 6010
7439-92-1	Lead	9.1		mg/kg	1.8	12/09/10 14:01	12/20/10 15:41	EPA 6010
7439-95-4	Magnesium	230		mg/kg	23	12/09/10 14:01	12/20/10 15:41	EPA 6010
7439-96-5	Manganese	31		mg/kg	0.46	12/09/10 14:01	12/20/10 15:41	EPA 6010
7439-98-7	Molybdenum	0.92	U	mg/kg	0.92	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-02-0	Nickel	80		mg/kg	0.92	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-09-7	Potassium	180		mg/kg	92	12/09/10 14:01	12/20/10 15:41	EPA 6010
7782-49-2	Selenium	4.1	U	mg/kg	4.1	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-22-4	Silver	0.46	U	mg/kg	0.46	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-23-5	Sodium	92	U	mg/kg	92	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-24-6	Strontium	2.1		mg/kg	0.46	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-28-0	Thallium	2.7	U	mg/kg	2.7	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-32-6	Titanium	62		mg/kg	0.46	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-62-2	Vanadium	8.7		mg/kg	0.46	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-65-5	Yttrium	1.2		mg/kg	0.27	12/09/10 14:01	12/20/10 15:41	EPA 6010
7440-66-6	Zinc	68		mg/kg	1.8	12/09/10 14:01	12/20/10 15:41	EPA 6010



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 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC03-B

Lab ID: E104009-05

Station ID: HERC03

Matrix: Waste

Date Collected: 9/28/10 13:15

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010



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 980 College Station Road, Athens, Georgia 30605-2700
 D.A.R.T. Id: 10-0629
 Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

Total Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC04-B

Lab ID: E104009-06

Station ID: HERC04

Matrix: Waste

Date Collected: 9/28/10 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	5200		mg/kg	9.1	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-36-0	Antimony	3.6	U	mg/kg	3.6	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-38-2	Arsenic	6.4		mg/kg	4.6	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-39-3	Barium	27		mg/kg	0.46	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-41-7	Beryllium	0.27	U	mg/kg	0.27	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-43-9	Cadmium	0.46		mg/kg	0.46	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-70-2	Calcium	400		mg/kg	23	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-47-3	Chromium	29		mg/kg	0.46	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-48-4	Cobalt	14		mg/kg	0.46	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-50-8	Copper	100		mg/kg	0.91	12/09/10 14:01	12/20/10 15:49	EPA 6010
7439-89-6	Iron	3400		mg/kg	9.1	12/09/10 14:01	12/20/10 15:49	EPA 6010
7439-92-1	Lead	26		mg/kg	1.8	12/09/10 14:01	12/20/10 15:49	EPA 6010
7439-95-4	Magnesium	76		mg/kg	23	12/09/10 14:01	12/20/10 15:49	EPA 6010
7439-96-5	Manganese	14		mg/kg	0.46	12/09/10 14:01	12/20/10 15:49	EPA 6010
7439-98-7	Molybdenum	4.0		mg/kg	0.91	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-02-0	Nickel	200		mg/kg	0.91	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-09-7	Potassium	96		mg/kg	91	12/09/10 14:01	12/20/10 15:49	EPA 6010
7782-49-2	Selenium	4.1	U	mg/kg	4.1	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-22-4	Silver	0.46	U	mg/kg	0.46	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-23-5	Sodium	130	J, QR-2	mg/kg	91	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-24-6	Strontium	6.1		mg/kg	0.46	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-28-0	Thallium	2.7	U	mg/kg	2.7	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-32-6	Titanium	42		mg/kg	0.46	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-62-2	Vanadium	5.6		mg/kg	0.46	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-65-5	Yttrium	0.99		mg/kg	0.27	12/09/10 14:01	12/20/10 15:49	EPA 6010
7440-66-6	Zinc	510		mg/kg	1.8	12/09/10 14:01	12/20/10 15:49	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC04-B

Lab ID: E104009-06

Station ID: HERC04

Matrix: Waste

Date Collected: 9/28/10 13:50

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers²</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

Total Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC05-A

Lab ID: E104009-07

Station ID: HERC05

Matrix: Waste

Date Collected: 9/28/10 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	5100		mg/kg	9.7	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-36-0	Antimony	3.9	U	mg/kg	3.9	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-38-2	Arsenic	5.6		mg/kg	4.9	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-39-3	Barium	35		mg/kg	0.49	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-41-7	Beryllium	0.29	U	mg/kg	0.29	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-43-9	Cadmium	0.49		mg/kg	0.49	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-70-2	Calcium	2000		mg/kg	24	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-47-3	Chromium	45		mg/kg	0.49	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-48-4	Cobalt	17		mg/kg	0.49	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-50-8	Copper	84		mg/kg	0.97	12/09/10 14:01	12/20/10 15:56	EPA 6010
7439-89-6	Iron	4600		mg/kg	9.7	12/09/10 14:01	12/20/10 15:56	EPA 6010
7439-92-1	Lead	34		mg/kg	1.9	12/09/10 14:01	12/20/10 15:56	EPA 6010
7439-95-4	Magnesium	170		mg/kg	24	12/09/10 14:01	12/20/10 15:56	EPA 6010
7439-96-5	Manganese	32		mg/kg	0.49	12/09/10 14:01	12/20/10 15:56	EPA 6010
7439-98-7	Molybdenum	4.8		mg/kg	0.97	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-02-0	Nickel	210		mg/kg	0.97	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-09-7	Potassium	110		mg/kg	97	12/09/10 14:01	12/20/10 15:56	EPA 6010
7782-49-2	Selenium	4.4	U	mg/kg	4.4	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-22-4	Silver	0.49	U	mg/kg	0.49	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-23-5	Sodium	460	J, QR-2	mg/kg	97	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-24-6	Strontium	8.9		mg/kg	0.49	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-28-0	Thallium	2.9	U	mg/kg	2.9	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-32-6	Titanium	51		mg/kg	0.49	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-62-2	Vanadium	6.6		mg/kg	0.49	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-65-5	Yttrium	1.1		mg/kg	0.29	12/09/10 14:01	12/20/10 15:56	EPA 6010
7440-66-6	Zinc	690		mg/kg	1.9	12/09/10 14:01	12/20/10 15:56	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC05-A

Lab ID: E104009-07

Station ID: HERC05

Matrix: Waste

Date Collected: 9/28/10 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

Total Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC06-B

Lab ID: E104009-08

Station ID: HERC06

Matrix: Waste

Date Collected: 9/28/10 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	5800		mg/kg	9.9	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-36-0	Antimony	3.9	U, J, QM-1	mg/kg	3.9	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-38-2	Arsenic	4.9	U	mg/kg	4.9	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-39-3	Barium	100	J, QM-2	mg/kg	0.49	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-41-7	Beryllium	0.30	U	mg/kg	0.30	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-43-9	Cadmium	0.49	U	mg/kg	0.49	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-70-2	Calcium	5000		mg/kg	25	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-47-3	Chromium	20	J, QM-1	mg/kg	0.49	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-48-4	Cobalt	7.2		mg/kg	0.49	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-50-8	Copper	27	J, QM-1, QM-3	mg/kg	0.99	12/09/10 14:01	12/20/10 16:04	EPA 6010
7439-89-6	Iron	4000	J, QM-2, QM-3	mg/kg	9.9	12/09/10 14:01	12/20/10 16:04	EPA 6010
7439-92-1	Lead	22		mg/kg	2.0	12/09/10 14:01	12/20/10 16:04	EPA 6010
7439-95-4	Magnesium	440	J, QM-2	mg/kg	25	12/09/10 14:01	12/20/10 16:04	EPA 6010
7439-96-5	Manganese	200	J, QM-2, QM-3	mg/kg	0.49	12/09/10 14:01	12/20/10 16:04	EPA 6010
7439-98-7	Molybdenum	21	J, QM-1	mg/kg	0.99	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-02-0	Nickel	54	J, QM-2	mg/kg	0.99	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-09-7	Potassium	160		mg/kg	99	12/09/10 14:01	12/20/10 16:04	EPA 6010
7782-49-2	Selenium	4.4	U	mg/kg	4.4	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-22-4	Silver	0.49	U	mg/kg	0.49	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-23-5	Sodium	180	J, QR-2	mg/kg	99	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-24-6	Strontium	34	J, QM-2	mg/kg	0.49	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-28-0	Thallium	3.0	U, J, QM-1	mg/kg	3.0	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-32-6	Titanium	56	J, QM-2	mg/kg	0.49	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-62-2	Vanadium	3.9		mg/kg	0.49	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-65-5	Yttrium	1.9		mg/kg	0.30	12/09/10 14:01	12/20/10 16:04	EPA 6010
7440-66-6	Zinc	500	J, QM-1, QM-3	mg/kg	2.0	12/09/10 14:01	12/20/10 16:04	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC06-B

Lab ID: E104009-08

Station ID: HERC06

Matrix: Waste

Date Collected: 9/28/10 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

Total Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC07-B

Lab ID: E104009-09

Station ID: HERC07

Matrix: Waste

Date Collected: 9/28/10 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	6700		mg/kg	9.5	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-36-0	Antimony	3.8	U	mg/kg	3.8	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-38-2	Arsenic	4.8	U	mg/kg	4.8	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-39-3	Barium	23		mg/kg	0.48	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-41-7	Beryllium	0.29	U	mg/kg	0.29	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-43-9	Cadmium	0.48		mg/kg	0.48	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-70-2	Calcium	710		mg/kg	24	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-47-3	Chromium	32		mg/kg	0.48	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-48-4	Cobalt	9.5		mg/kg	0.48	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-50-8	Copper	26		mg/kg	0.95	12/09/10 14:01	12/20/10 17:04	EPA 6010
7439-89-6	Iron	5200		mg/kg	9.5	12/09/10 14:01	12/20/10 17:04	EPA 6010
7439-92-1	Lead	23		mg/kg	1.9	12/09/10 14:01	12/20/10 17:04	EPA 6010
7439-95-4	Magnesium	62		mg/kg	24	12/09/10 14:01	12/20/10 17:04	EPA 6010
7439-96-5	Manganese	37		mg/kg	0.48	12/09/10 14:01	12/20/10 17:04	EPA 6010
7439-98-7	Molybdenum	40		mg/kg	0.95	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-02-0	Nickel	44		mg/kg	0.95	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-09-7	Potassium	95	U	mg/kg	95	12/09/10 14:01	12/20/10 17:04	EPA 6010
7782-49-2	Selenium	4.3	U	mg/kg	4.3	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-22-4	Silver	0.48	U	mg/kg	0.48	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-23-5	Sodium	130	J, QR-2	mg/kg	95	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-24-6	Strontium	8.9		mg/kg	0.48	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-28-0	Thallium	2.9	U	mg/kg	2.9	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-32-6	Titanium	22		mg/kg	0.48	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-62-2	Vanadium	2.8		mg/kg	0.48	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-65-5	Yttrium	1.7		mg/kg	0.29	12/09/10 14:01	12/20/10 17:04	EPA 6010
7440-66-6	Zinc	650		mg/kg	1.9	12/09/10 14:01	12/20/10 17:04	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC07-B

Lab ID: E104009-09

Station ID: HERC07

Matrix: Waste

Date Collected: 9/28/10 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

Total Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC08

Lab ID: E104009-10

Station ID: HERC08

Matrix: Waste

Date Collected: 9/29/10 8:50

CAS Number	Analyte	Results	Qualifiers	Units	MRE	Prepared	Analyzed	Method
7429-90-5	Aluminum	7900		mg/kg	9.6	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-36-0	Antimony	3.9	U	mg/kg	3.9	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-38-2	Arsenic	4.8	U	mg/kg	4.8	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-39-3	Barium	61		mg/kg	0.48	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-41-7	Beryllium	0.29	U	mg/kg	0.29	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-43-9	Cadmium	0.48	U	mg/kg	0.48	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-70-2	Calcium	250		mg/kg	24	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-47-3	Chromium	20		mg/kg	0.48	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-48-4	Cobalt	2.7		mg/kg	0.48	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-50-8	Copper	17		mg/kg	0.96	12/09/10 14:01	12/20/10 17:11	EPA 6010
7439-89-6	Iron	8300		mg/kg	9.6	12/09/10 14:01	12/20/10 17:11	EPA 6010
7439-92-1	Lead	24		mg/kg	1.9	12/09/10 14:01	12/20/10 17:11	EPA 6010
7439-95-4	Magnesium	240		mg/kg	24	12/09/10 14:01	12/20/10 17:11	EPA 6010
7439-96-5	Manganese	350		mg/kg	0.48	12/09/10 14:01	12/20/10 17:11	EPA 6010
7439-98-7	Molybdenum	37		mg/kg	0.96	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-02-0	Nickel	8.2		mg/kg	0.96	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-09-7	Potassium	210		mg/kg	96	12/09/10 14:01	12/20/10 17:11	EPA 6010
7782-49-2	Selenium	4.3	U	mg/kg	4.3	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-22-4	Silver	0.48	U	mg/kg	0.48	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-23-5	Sodium	96	U	mg/kg	96	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-24-6	Strontium	2.6		mg/kg	0.48	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-28-0	Thallium	2.9	U	mg/kg	2.9	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-32-6	Titanium	98		mg/kg	0.48	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-62-2	Vanadium	18		mg/kg	0.48	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-65-5	Yttrium	2.7		mg/kg	0.29	12/09/10 14:01	12/20/10 17:11	EPA 6010
7440-66-6	Zinc	130		mg/kg	1.9	12/09/10 14:01	12/20/10 17:11	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC08

Lab ID: E104009-10

Station ID: HERC08

Matrix: Waste

Date Collected: 9/29/10 8:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

Total Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC09-B

Lab ID: E104009-11

Station ID: HERC09

Matrix: Waste

Date Collected: 9/29/10 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	7100		mg/kg	9.6	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-36-0	Antimony	3.8	U	mg/kg	3.8	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-38-2	Arsenic	4.8	U	mg/kg	4.8	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-39-3	Barium	23		mg/kg	0.48	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-41-7	Beryllium	0.29	U	mg/kg	0.29	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-43-9	Cadmium	0.48	U	mg/kg	0.48	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-70-2	Calcium	530		mg/kg	24	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-47-3	Chromium	20		mg/kg	0.48	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-48-4	Cobalt	10		mg/kg	0.48	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-50-8	Copper	110		mg/kg	0.96	12/09/10 14:01	12/20/10 17:19	EPA 6010
7439-89-6	Iron	3500		mg/kg	9.6	12/09/10 14:01	12/20/10 17:19	EPA 6010
7439-92-1	Lead	25		mg/kg	1.9	12/09/10 14:01	12/20/10 17:19	EPA 6010
7439-95-4	Magnesium	160		mg/kg	24	12/09/10 14:01	12/20/10 17:19	EPA 6010
7439-96-5	Manganese	39		mg/kg	0.48	12/09/10 14:01	12/20/10 17:19	EPA 6010
7439-98-7	Molybdenum	13		mg/kg	0.96	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-02-0	Nickel	150		mg/kg	0.96	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-09-7	Potassium	160		mg/kg	96	12/09/10 14:01	12/20/10 17:19	EPA 6010
7782-49-2	Selenium	4.3	U	mg/kg	4.3	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-22-4	Silver	1.0		mg/kg	0.48	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-23-5	Sodium	150	J, QR-2	mg/kg	96	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-24-6	Strontium	4.6		mg/kg	0.48	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-28-0	Thallium	2.9	U	mg/kg	2.9	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-32-6	Titanium	46		mg/kg	0.48	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-62-2	Vanadium	5.9		mg/kg	0.48	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-65-5	Yttrium	2.0		mg/kg	0.29	12/09/10 14:01	12/20/10 17:19	EPA 6010
7440-66-6	Zinc	220		mg/kg	1.9	12/09/10 14:01	12/20/10 17:19	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC09-B

Lab ID: E104009-11

Station ID: HERC09

Matrix: Waste

Date Collected: 9/29/10 14:20

<i>CAS Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700
 D.A.R.T. Id: 10-0629
 Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

Total Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC10-B

Lab ID: E104009-12

Station ID: HERC10

Matrix: Waste

Date Collected: 9/29/10 14:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	6400		mg/kg	9.6	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-36-0	Antimony	3.9	U	mg/kg	3.9	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-38-2	Arsenic	5.0		mg/kg	4.8	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-39-3	Barium	33		mg/kg	0.48	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-41-7	Beryllium	0.29	U	mg/kg	0.29	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-43-9	Cadmium	0.48	U	mg/kg	0.48	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-70-2	Calcium	2800		mg/kg	24	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-47-3	Chromium	26		mg/kg	0.48	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-48-4	Cobalt	14		mg/kg	0.48	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-50-8	Copper	210		mg/kg	0.96	12/09/10 14:01	12/20/10 17:27	EPA 6010
7439-89-6	Iron	3200		mg/kg	9.6	12/09/10 14:01	12/20/10 17:27	EPA 6010
7439-92-1	Lead	23		mg/kg	1.9	12/09/10 14:01	12/20/10 17:27	EPA 6010
7439-95-4	Magnesium	200		mg/kg	24	12/09/10 14:01	12/20/10 17:27	EPA 6010
7439-96-5	Manganese	36		mg/kg	0.48	12/09/10 14:01	12/20/10 17:27	EPA 6010
7439-98-7	Molybdenum	6.4		mg/kg	0.96	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-02-0	Nickel	340		mg/kg	0.96	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-09-7	Potassium	220		mg/kg	96	12/09/10 14:01	12/20/10 17:27	EPA 6010
7782-49-2	Selenium	4.3	U	mg/kg	4.3	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-22-4	Silver	0.48	U	mg/kg	0.48	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-23-5	Sodium	210	J, QR-2	mg/kg	96	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-24-6	Strontium	7.3		mg/kg	0.48	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-28-0	Thallium	2.9	U	mg/kg	2.9	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-32-6	Titanium	61		mg/kg	0.48	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-62-2	Vanadium	7.6		mg/kg	0.48	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-65-5	Yttrium	1.2		mg/kg	0.29	12/09/10 14:01	12/20/10 17:27	EPA 6010
7440-66-6	Zinc	570		mg/kg	1.9	12/09/10 14:01	12/20/10 17:27	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC10-B

Lab ID: E104009-12

Station ID: HERC10

Matrix: Waste

Date Collected: 9/29/10 14:15

<i>C4S Number</i>	<i>Analyte</i>	<i>Results</i>	<i>Qualifiers</i>	<i>Units</i>	<i>MRL</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Method</i>
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

Total Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC11-B

Lab ID: E104009-13

Station ID: HERC11

Matrix: Waste

Date Collected: 9/29/10 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	7000		mg/kg	9.8	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-36-0	Antimony	3.9	U	mg/kg	3.9	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-38-2	Arsenic	4.9	U	mg/kg	4.9	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-39-3	Barium	23		mg/kg	0.49	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-41-7	Beryllium	0.29	U	mg/kg	0.29	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-43-9	Cadmium	0.49	U	mg/kg	0.49	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-70-2	Calcium	350		mg/kg	25	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-47-3	Chromium	25		mg/kg	0.49	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-48-4	Cobalt	10		mg/kg	0.49	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-50-8	Copper	93		mg/kg	0.98	12/09/10 14:01	12/20/10 17:34	EPA 6010
7439-89-6	Iron	1900		mg/kg	9.8	12/09/10 14:01	12/20/10 17:34	EPA 6010
7439-92-1	Lead	23		mg/kg	2.0	12/09/10 14:01	12/20/10 17:34	EPA 6010
7439-95-4	Magnesium	170		mg/kg	25	12/09/10 14:01	12/20/10 17:34	EPA 6010
7439-96-5	Manganese	14		mg/kg	0.49	12/09/10 14:01	12/20/10 17:34	EPA 6010
7439-98-7	Molybdenum	4.0		mg/kg	0.98	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-02-0	Nickel	140		mg/kg	0.98	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-09-7	Potassium	160		mg/kg	98	12/09/10 14:01	12/20/10 17:34	EPA 6010
7782-49-2	Selenium	4.4	U	mg/kg	4.4	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-22-4	Silver	0.49	U	mg/kg	0.49	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-23-5	Sodium	180	J, QR-2	mg/kg	98	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-24-6	Strontium	4.2		mg/kg	0.49	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-28-0	Thallium	2.9	U	mg/kg	2.9	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-32-6	Titanium	52		mg/kg	0.49	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-62-2	Vanadium	7.2		mg/kg	0.49	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-65-5	Yttrium	1.2		mg/kg	0.29	12/09/10 14:01	12/20/10 17:34	EPA 6010
7440-66-6	Zinc	270		mg/kg	2.0	12/09/10 14:01	12/20/10 17:34	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC11-B

Lab ID: E104009-13

Station ID: HERC11

Matrix: Waste

Date Collected: 9/29/10 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

Total Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC12-B

Lab ID: E104009-14

Station ID: HERC12

Matrix: Waste

Date Collected: 9/29/10 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	6700		mg/kg	9.1	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-36-0	Antimony	3.7	U	mg/kg	3.7	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-38-2	Arsenic	4.6	U	mg/kg	4.6	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-39-3	Barium	30		mg/kg	0.46	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-41-7	Beryllium	0.27	U	mg/kg	0.27	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-43-9	Cadmium	0.46	U	mg/kg	0.46	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-70-2	Calcium	1200		mg/kg	23	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-47-3	Chromium	18		mg/kg	0.46	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-48-4	Cobalt	13		mg/kg	0.46	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-50-8	Copper	110		mg/kg	0.91	12/09/10 14:01	12/20/10 17:42	EPA 6010
7439-89-6	Iron	4700		mg/kg	9.1	12/09/10 14:01	12/20/10 17:42	EPA 6010
7439-92-1	Lead	18		mg/kg	1.8	12/09/10 14:01	12/20/10 17:42	EPA 6010
7439-95-4	Magnesium	210		mg/kg	23	12/09/10 14:01	12/20/10 17:42	EPA 6010
7439-96-5	Manganese	36		mg/kg	0.46	12/09/10 14:01	12/20/10 17:42	EPA 6010
7439-98-7	Molybdenum	2.8		mg/kg	0.91	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-02-0	Nickel	270		mg/kg	0.91	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-09-7	Potassium	170		mg/kg	91	12/09/10 14:01	12/20/10 17:42	EPA 6010
7782-49-2	Selenium	4.1	U	mg/kg	4.1	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-22-4	Silver	0.46	U	mg/kg	0.46	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-23-5	Sodium	240	J, QR-2	mg/kg	91	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-24-6	Strontium	8.5		mg/kg	0.46	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-28-0	Thallium	2.7	U	mg/kg	2.7	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-32-6	Titanium	54		mg/kg	0.46	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-62-2	Vanadium	7.5		mg/kg	0.46	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-65-5	Yttrium	1.6		mg/kg	0.27	12/09/10 14:01	12/20/10 17:42	EPA 6010
7440-66-6	Zinc	370		mg/kg	1.8	12/09/10 14:01	12/20/10 17:42	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC12-B

Lab ID: E104009-14

Station ID: HERC12

Matrix: Waste

Date Collected: 9/29/10 14:50

CAS Number	Analyte	Results	Qualifiers	nits	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:		NA-5		1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:		NA-5		0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:		NA-5		0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:		NA-5		0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

Total Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC13-B

Lab ID: E104009-15

Station ID: HERC13

Matrix: Waste

Date Collected: 9/29/10 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7429-90-5	Aluminum	6800		mg/kg	9.1	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-36-0	Antimony	3.7	U	mg/kg	3.7	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-38-2	Arsenic	5.6		mg/kg	4.6	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-39-3	Barium	45		mg/kg	0.46	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-41-7	Beryllium	0.27	U	mg/kg	0.27	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-43-9	Cadmium	0.46	U	mg/kg	0.46	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-70-2	Calcium	1700		mg/kg	23	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-47-3	Chromium	36		mg/kg	0.46	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-48-4	Cobalt	21		mg/kg	0.46	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-50-8	Copper	210		mg/kg	0.91	12/09/10 14:01	12/20/10 17:50	EPA 6010
7439-89-6	Iron	3100		mg/kg	9.1	12/09/10 14:01	12/20/10 17:50	EPA 6010
7439-92-1	Lead	36		mg/kg	1.8	12/09/10 14:01	12/20/10 17:50	EPA 6010
7439-95-4	Magnesium	150		mg/kg	23	12/09/10 14:01	12/20/10 17:50	EPA 6010
7439-96-5	Manganese	15		mg/kg	0.46	12/09/10 14:01	12/20/10 17:50	EPA 6010
7439-98-7	Molybdenum	5.6		mg/kg	0.91	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-02-0	Nickel	490		mg/kg	0.91	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-09-7	Potassium	190		mg/kg	91	12/09/10 14:01	12/20/10 17:50	EPA 6010
7782-49-2	Selenium	4.1	U	mg/kg	4.1	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-22-4	Silver	0.46	U	mg/kg	0.46	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-23-5	Sodium	230	J, QR-2	mg/kg	91	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-24-6	Strontium	8.9		mg/kg	0.46	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-28-0	Thallium	2.7	U	mg/kg	2.7	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-32-6	Titanium	76		mg/kg	0.46	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-62-2	Vanadium	9.0		mg/kg	0.46	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-65-5	Yttrium	1.2		mg/kg	0.27	12/09/10 14:01	12/20/10 17:50	EPA 6010
7440-66-6	Zinc	480		mg/kg	1.8	12/09/10 14:01	12/20/10 17:50	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Jenny Scifres

TCLP Metals

Project: 10-0629, Hercules Inc

Sample ID: HERC13-B

Lab ID: E104009-15

Station ID: HERC13

Matrix: Waste

Date Collected: 9/29/10 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7440-38-2	Arsenic:	NA-			1.0	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-39-3	Barium:	NA-5			0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-43-9	Cadmium:	NA-5			0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-47-3	Chromium:	NA-5			0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010
7439-92-1	Lead:	NA-5			0.40	12/29/10 10:38	12/29/10 10:41	EPA 6010
7782-49-2	Selenium:	NA-5			0.90	12/29/10 10:38	12/29/10 10:41	EPA 6010
7440-22-4	Silver:	NA-5			0.10	12/29/10 10:38	12/29/10 10:41	EPA 6010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4

Science and Ecosystem Support Division
Enforcement and Investigations Branch
980 College Station Road
Athens, Georgia 30605-2720

November 9, 2010

4SESD-EIB

MEMORANDUM

SUBJECT: Provisional Data (VOCs/SVOCs) for Hercules Inc.,
Hattiesburg, Mississippi; SESD Project No. 10-0629

FROM: Sharon Matthews, PG
Enforcement Section

SEM
11/10/10

THRU: Laura Ackerman, Chief
Enforcement Section

LA

TO: Larry Lamberth, Chief
South Enforcement and Compliance Section
RCRA & OPA Enforcement and Compliance Branch
RCRA Division

Attached are the Volatile Organic Compound (VOC) and Semi Volatile Organic Compound (SVOC) results for the sampling investigation conducted at the Hercules facility in Hattiesburg, Mississippi on September 28-29, 2010. Data qualifiers for the attached data can be found on page 4 of each data package. None of the SVOCs failed TCLP; six of the thirteen samples failed TCLP for benzene. I am also attaching a table with the sample descriptions. I am waiting on the metals analyses and when that data is received and verified, I will prepare the final report. If you have any questions, please contact me at (706) 355-8608 or at matthews.sharon@epa.gov.

Attachment

cc: Willie McKercher, MDEQ, w/attachment
Jan M. Patton, MDEQ, w/attachment
Randy Jackson, RCRA, w/attachment



TABLE 1
SAMPLE DESCRIPTIONS
HERCULES INC. - HATTIESBURG, MISSISSIPPI
SESD PROJECT NO. 10-0629

Station ID	Sample ID	Media Code	Sample Date	Latitude	Longitude	Sample Description	Sample Interval (BLS)/ Sample Method
HERC01	HERC01-A	WA	9/28/10	31.34350	89.31332 ±10'	Black organic rich material; very strong odor; pine smell	0 to 4 feet - Geoprobe
HERC02	HERC02-B	WA	9/28/10	31.34344	89.31308 ±13'	Tan to black sticky material	3.5 to 5 feet - hand auger
HERC03	HERC03-B	WA	9/28/10	31.34417	89.31328 ±16'	Oldest material in "back 40": black organic material; strong odor; sandier at depth	4 to 5 feet - hand auger
HERC04	HERC04-B	WA	9/28/10	31.34425	89.31284 ±15'	Black organic material; some odor	6 to 7 feet - hand auger
HERC05	HERC05-A	WA	9/28/10	31.34402	89.31318 ±11'	Dark organic sludge; strong odor	5.5 to 6.5 feet - hand auger
HERC06	HERC06-B	WA	9/28/10	31.34389	89.31351 ±12'	Drier material; dark gray to black sludge; strong odor; moister w/ depth; sand at depth	4.5 to 5.5 feet - hand auger
HERC07	HERC07-B	WA	9/28/10	31.34380	89.31316 ±10'	Drier dark organic material; moister w/depth	5.5 to 6 feet - hand auger
HERC08	HERC08	WA	9/29/10	31.33928	89.30500 ±12'	Only "wetland" sample; mostly cat-tails, some sludgy material; no odor	3 to 4 inches - scoop
HERC09	HERC09-B	WA	9/29/10	31.34329	89.31363 ±16'	Black sludge material into sand at 6 feet BLS	5 to 6 feet - tried Geoprobe; had to hand-auger to get enough sample
HERC10	HERC10-B	WA	9/29/10	31.34329	89.31323 ±12'	Hit sand at 6 feet bls; some odor	5 to 6 feet - hand auger
HERC11	HERC11-B	WA	9/29/10	31.34335	89.31285 ±12'	Black organic sludge; some odor; into sand at 6 feet BLS	5 to 6 feet - hand auger
HERC12	HERC12-B	WA	9/29/10	31.34354	89.31357 ±11'	Black sludge; some odor; into sand at 5.5 feet BLS	5 to 6 feet - hand auger
HERC13	HERC13-B	WA	9/29/10	31.34377	89.31358 ±10'	Black sludge material; strong odor, oily sheen; into sand at 5.5 feet BLS	4.5 to 5.5 feet - hand auger





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

November 8, 2010

4SESD-ASB

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 10-0629, Hercules Inc
Civil Enforcement

FROM: Kristin Trapp
OCS Chemist

THRU: Sallie Hale, Chief
ASB Organic Chemistry Section

TO: Sharon Matthews

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the Analytical Support Branch's (ASB) Laboratory Operations and Quality Assurance Manual (ASB LOQAM) found at www.epa.gov/region4/sesd/asbsop. Any unique project data quality objectives specified in writing by the data requestor have also been incorporated into the data unless otherwise noted in the Report Narrative. Chemistry data have been verified based on the ASB LOQAM specifications and may have been qualified if the applicable quality control criteria were not met. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report. The reported results are representative only of the samples as received by the laboratory.

Analyses Included in this report:

Method Used:

TCLP Volatiles (TCLPV)

Toxicity Characteristic Leaching Procedure
Volatile organic compounds

EPA 1311
EPA 8260C

Volatile Organics (VOA)

Volatile organic compounds

EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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D.A.R.T. Id: 10-0629

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Sample Disposal Policy

Because of the laboratory's limited space for long term sample storage, our policy is to dispose of samples on a periodic schedule. Please note that within 60 days of this memo, the original samples and all sample extracts and/or sample digestates will be disposed of in accordance with applicable regulations. The 60-day sample disposal policy does not apply to criminal samples which are held until the laboratory is notified by the criminal investigators that case development and litigation are complete.

These samples may be held in the laboratory's custody for a longer period of time if you have a special project need. If you wish for the laboratory to hold samples beyond the 60-day period, please contact our Sample Control Coordinator, Debbie Colquitt, by e-mail at Colquitt.Debbie@epa.gov, and provide a reason for holding samples beyond 60 days



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SAMPLES INCLUDED IN THIS REPORT

Project: 10-0629, Hercules Inc

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
ERB01	E104009-01	Equipment Rinse Blank	9/23/10 13:30	10/1/10 8:35
HERC01-A	E104009-03	Waste	9/28/10 10:10	10/1/10 8:35
HERC02-B	E104009-04	Waste	9/28/10 10:55	10/1/10 8:35
HERC03-B	E104009-05	Waste	9/28/10 13:15	10/1/10 8:35
HERC04-B	E104009-06	Waste	9/28/10 13:50	10/1/10 8:35
HERC05-A	E104009-07	Waste	9/28/10 14:05	10/1/10 8:35
HERC06-B	E104009-08	Waste	9/28/10 14:55	10/1/10 8:35
HERC07-B	E104009-09	Waste	9/28/10 15:25	10/1/10 8:35
HERC08	E104009-10	Waste	9/29/10 08:50	10/1/10 8:35
HERC09-B	E104009-11	Waste	9/29/10 14:20	10/1/10 8:35
HERC10-B	E104009-12	Waste	9/29/10 14:15	10/1/10 8:35
HERC11-B	E104009-13	Waste	9/29/10 14:30	10/1/10 8:35
HERC12-B	E104009-14	Waste	9/29/10 14:50	10/1/10 8:35
HERC13-B	E104009-15	Waste	9/29/10 15:10	10/1/10 8:35



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DATA QUALIFIER DEFINITIONS

U	The analyte was not detected at or above the reporting limit.
D-4	MRL elevated due to interferences.
H-8	Recommended analytical holding time exceeded
J	The identification of the analyte is acceptable; the reported value is an estimate.
NA-5	Not Analyzed. Cannot exceed TCLP regulatory levels based on Total Scan analyses.
NJ	Presumptive evidence that analyte is present; reported as a tentative identification with an estimated value.
O-2	Result greater than MDL but less than MRL.
OC-1	Analyte concentration low in continuing calibration verification standard
OL-1	Laboratory Control Spike Recovery less than method control limits
OL-3	Laboratory Control Spike Precision outside method control limits
OR-1	MRL verification recovery less than lower control limits.

ACRONYMS AND ABBREVIATIONS

CAS	Chemical Abstracts Service Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory.
MDL	Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero.
MRL	Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments.
TIC	Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported.



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: ERB01

Lab ID: E104009-01

Station ID:

Matrix: Equipment Rinse Blank

Date Collected: 9/23/10 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	10/04/10 9:32	10/04/10 12:10	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.0	U	ug/L	1.0	10/04/10 9:32	10/04/10 12:10	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
594-20-7	2,2-Dichloropropane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
67-64-1	Acetone	4.0	U	ug/L	4.0	10/04/10 9:32	10/04/10 12:10	EPA 8260C
71-43-2	Benzene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
75-25-2	Bromoform	1.0	U	ug/L	1.0	10/04/10 9:32	10/04/10 12:10	EPA 8260C



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: ERB01

Lab ID: E104009-01

Station ID:

Matrix: Equipment Rinse Blank

Date Collected: 9/23/10 13:30

Table with 9 columns: CAS Number, Analyte, Results, Qualifiers, Units, MRL, Prepared, Analyzed, Method. Rows list various organic compounds like Bromomethane, Carbon disulfide, etc., with their respective concentrations and analysis dates.



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Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: ERB01

Lab ID: E104009-01

Station ID:

Matrix: Equipment Rinse Blank

Date Collected: 9/23/10 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
108-88-3	Toluene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.50	U, J, QL-1	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	10/04/10 9:32	10/04/10 12:10	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	10/04/10 9:32	10/04/10 12:10	EPA 8260C



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: ERB01

Lab ID: E104009-01

Station ID:

Matrix: Equipment Rinse Blank

Date Collected: 9/23/10 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene):	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
107-06-2	1,2-Dichloroethane:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
106-46-7	1,4-Dichlorobenzene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
71-43-2	Benzene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
56-23-5	Carbon Tetrachloride:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
108-90-7	Chlorobenzene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
67-66-3	Chloroform:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
87-68-3	Hexachlorobutadiene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
78-93-3	Methyl Ethyl Ketone:	NA-5			0.0010	10/13/10 15:00	10/13/10 15:00	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene):	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene):	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
75-01-4	Vinyl chloride:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC01-A

Lab ID: E104009-03

Station ID: HERC01

Matrix: Waste

Date Collected: 9/28/10 10:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	5.1	J, Q-2	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
71-55-6	1,1,1-Trichloroethane	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
79-00-5	1,1,2-Trichloroethane	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
75-34-3	1,1-Dichloroethane	9.8	U, J, QL-1	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
75-35-4	1,1-Dichloroethane (1,1-Dichloroethylene)	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
563-58-6	1,1-Dichloropropene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
96-18-4	1,2,3-Trichloropropane	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	3.9	J, Q-2, QR-1	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	20	U	mg/kg	20	10/06/10 12:10	10/07/10 15:08	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
95-50-1	1,2-Dichlorobenzene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
107-06-2	1,2-Dichloroethane	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
78-87-5	1,2-Dichloropropane	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
541-73-1	1,3-Dichlorobenzene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
142-28-9	1,3-Dichloropropane	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
106-46-7	1,4-Dichlorobenzene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
594-20-7	2,2-Dichloropropane	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
67-64-1	Acetone	78	U	mg/kg	78	10/06/10 12:10	10/07/10 15:08	EPA 8260C
71-43-2	Benzene	18		mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
108-86-1	Bromobenzene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
74-97-5	Bromochloromethane	9.8	U, J, QL-1	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
75-27-4	Bromodichloromethane	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
75-25-2	Bromoform	20	U	mg/kg	20	10/06/10 12:10	10/07/10 15:08	EPA 8260C



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC01-A

Lab ID: E104009-03

Station ID: HERC01

Matrix: Waste

Date Collected: 9/28/10 10:10

C4S Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	39	U	mg/kg	39	10/06/10 12:10	10/07/10 15:08	EPA 8260C
75-15-0	Carbon disulfide	5.3	J, Q-2	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
56-23-5	Carbon Tetrachloride	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
108-90-7	Chlorobenzene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
75-00-3	Chloroethane	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
67-66-3	Chloroform	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
74-87-3	Chloromethane	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
110-82-7	Cyclohexane	110		mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
124-48-1	Dibromochloromethane	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
74-95-3	Dibromomethane	9.8	U, J, QL-1	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
100-41-4	Ethyl Benzene	2.4	J, Q-2	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
87-68-3	Hexachlorobutadiene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
98-82-8	Isopropylbenzene	16	U, D-4	mg/kg	16	10/06/10 12:10	10/07/10 15:08	EPA 8260C
79-20-9	Methyl Acetate	20	U	mg/kg	20	10/06/10 12:10	10/07/10 15:08	EPA 8260C
591-78-6	Methyl Butyl Ketone	20	U	mg/kg	20	10/06/10 12:10	10/07/10 15:08	EPA 8260C
78-93-3	Methyl Ethyl Ketone	20	U	mg/kg	20	10/06/10 12:10	10/07/10 15:08	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	20	U	mg/kg	20	10/06/10 12:10	10/07/10 15:08	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
108-87-2	Methylcyclohexane	6.9	J, Q-2	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
75-09-2	Methylene Chloride	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
104-51-8	n-Butylbenzene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
103-65-1	n-Propylbenzene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
95-49-8	o-Chlorotoluene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
95-47-6	o-Xylene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
106-43-4	p-Chlorotoluene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
99-87-6	p-Isopropyltoluene	1100		mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
135-98-8	sec-Butylbenzene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
100-42-5	Styrene	39	U	mg/kg	39	10/06/10 12:10	10/07/10 15:08	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700
 D.A.R.T. Id: 10-0629
 Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC01-A

Lab ID: E104009-03

Station ID: HERC01

Matrix: Waste

Date Collected: 9/28/10 10:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
108-88-3	Toluene	7100		mg/kg	49	10/06/10 12:10	10/08/10 13:10	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
75-01-4	Vinyl chloride	9.8	U	mg/kg	9.8	10/06/10 12:10	10/07/10 15:08	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	200	U	mg/kg	200	10/06/10 12:10	10/07/10 15:08	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC01-A

Lab ID: E104009-03

Station ID: HERC01

Matrix: Waste

Date Collected: 9/28/10 10:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C
107-06-2	1,2-Dichloroethane	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C
71-43-2	Benzene	0.21		mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C
56-23-5	Carbon Tetrachloride	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C
108-90-7	Chlorobenzene	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C
67-66-3	Chloroform	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C
87-68-3	Hexachlorobutadiene	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C
78-93-3	Methyl Ethyl Ketone	0.20	U	mg/L	0.20	10/13/10 15:00	10/13/10 15:23	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C
75-01-4	Vinyl chloride	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 15:23	EPA 8260C



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC02-B

Lab ID: E104009-04

Station ID: HERC02

Matrix: Waste

Date Collected: 9/28/10 10:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
71-55-6	1,1,1-Trichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
79-00-5	1,1,2-Trichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
75-34-3	1,1-Dichloroethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
563-58-6	1,1-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
96-18-4	1,2,3-Trichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	7.0	J, Q-2, QR-1	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	50	U	mg/kg	50	10/06/10 12:10	10/07/10 15:34	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
95-50-1	1,2-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
107-06-2	1,2-Dichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
78-87-5	1,2-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
541-73-1	1,3-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
142-28-9	1,3-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
106-46-7	1,4-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
594-20-7	2,2-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
67-64-1	Acetone	200	U	mg/kg	200	10/06/10 12:10	10/07/10 15:34	EPA 8260C
71-43-2	Benzene	37		mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
108-86-1	Bromobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
74-97-5	Bromochloromethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
75-27-4	Bromodichloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
75-25-2	Bromoform	50	U	mg/kg	50	10/06/10 12:10	10/07/10 15:34	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC02-B

Lab ID: E104009-04

Station ID: HERC02

Matrix: Waste

Date Collected: 9/28/10 10:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	100	U	mg/kg	100	10/06/10 12:10	10/07/10 15:34	EPA 8260C
75-15-0	Carbon disulfide	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
56-23-5	Carbon Tetrachloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
108-90-7	Chlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
75-00-3	Chloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
67-66-3	Chloroform	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
74-87-3	Chloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
110-82-7	Cyclohexane	190		mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
124-48-1	Dibromochloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
74-95-3	Dibromomethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
100-41-4	Ethyl Benzene	6.5	I, Q-2	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
87-68-3	Hexachlorobutadiene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
98-82-8	Isopropylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
79-20-9	Methyl Acetate	50	U	mg/kg	50	10/06/10 12:10	10/07/10 15:34	EPA 8260C
591-78-6	Methyl Butyl Ketone	50	U	mg/kg	50	10/06/10 12:10	10/07/10 15:34	EPA 8260C
78-93-3	Methyl Ethyl Ketone	50	U	mg/kg	50	10/06/10 12:10	10/07/10 15:34	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	50	U	mg/kg	50	10/06/10 12:10	10/07/10 15:34	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
108-87-2	Methylcyclohexane	17	I, Q-2	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
75-09-2	Methylene Chloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
104-51-8	n-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
103-65-1	n-Propylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
95-49-8	o-Chlorotoluene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
95-47-6	o-Xylene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
106-43-4	p-Chlorotoluene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
99-87-6	p-Isopropyltoluene	1700		mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
135-98-8	sec-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
100-42-5	Styrene	100	U	mg/kg	100	10/06/10 12:10	10/07/10 15:34	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC02-B

Lab ID: E104009-04

Station ID: HERC02

Matrix: Waste

Date Collected: 9/28/10 10:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
108-88-3	Toluene	16000		mg/kg	120	10/06/10 12:10	10/08/10 13:36	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
75-01-4	Vinyl chloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 15:34	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	500	U	mg/kg	500	10/06/10 12:10	10/07/10 15:34	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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 D.A.R.T. Id: 10-0629
 Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC02-B

Lab ID: E104009-04

Station ID: HERC02

Matrix: Waste

Date Collected: 9/28/10 10:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.12	U, J, H-8	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C
107-06-2	1,2-Dichloroethane	0.12	U, J, H-8	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.12	U, J, H-8	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C
71-43-2	Benzene	0.62	J, H-8	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C
56-23-5	Carbon Tetrachloride	0.12	U, J, H-8, QL-3	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C
108-90-7	Chlorobenzene	0.12	U, J, H-8	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C
67-66-3	Chloroform	0.12	U, J, H-8	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C
87-68-3	Hexachlorobutadiene	0.12	U, J, H-8	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C
78-93-3	Methyl Ethyl Ketone	0.25	U, J, H-8	mg/L	0.25	10/21/10 15:00	10/21/10 18:30	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.12	U, J, H-8	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.12	U, J, H-8	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C
75-01-4	Vinyl chloride	0.12	U, J, H-8	mg/L	0.12	10/21/10 15:00	10/21/10 18:30	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC03-B

Lab ID: E104009-05

Station ID: HERC03

Matrix: Waste

Date Collected: 9/28/10 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	0.76	J, Q-2	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
71-55-6	1,1,1-Trichloroethane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
79-00-5	1,1,2-Trichloroethane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
75-34-3	1,1-Dichloroethane	0.97	U, J, QL-1	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
563-58-6	1,1-Dichloropropene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
96-18-4	1,2,3-Trichloropropane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	2.1		mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	1.9	U	mg/kg	1.9	10/06/10 12:10	10/08/10 16:38	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
95-50-1	1,2-Dichlorobenzene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
107-06-2	1,2-Dichloroethane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
78-87-5	1,2-Dichloropropane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
541-73-1	1,3-Dichlorobenzene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
142-28-9	1,3-Dichloropropane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
594-20-7	2,2-Dichloropropane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
67-64-1	Acetone	7.8	U	mg/kg	7.8	10/06/10 12:10	10/08/10 16:38	EPA 8260C
71-43-2	Benzene	3.4		mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
108-86-1	Bromobenzene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
74-97-5	Bromochloromethane	0.97	U, J, QL-1	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
75-27-4	Bromodichloromethane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
75-25-2	Bromoform	1.9	U	mg/kg	1.9	10/06/10 12:10	10/08/10 16:38	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC03-B

Lab ID: E104009-05

Station ID: HERC03

Matrix: Waste

Date Collected: 9/28/10 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	39	U	mg/kg	39	10/06/10 12:10	10/08/10 16:38	EPA 8260C
75-15-0	Carbon disulfide	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
56-23-5	Carbon Tetrachloride	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
108-90-7	Chlorobenzene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
75-00-3	Chloroethane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
67-66-3	Chloroform	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
74-87-3	Chloromethane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
110-82-7	Cyclohexane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
124-48-1	Dibromochloromethane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
74-95-3	Dibromomethane	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
100-41-4	Ethyl Benzene	0.62	J, Q-2	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
87-68-3	Hexachlorobutadiene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
98-82-8	Isopropylbenzene	3.9	U, D-4	mg/kg	3.9	10/06/10 12:10	10/08/10 16:38	EPA 8260C
79-20-9	Methyl Acetate	0.72	J, Q-2	mg/kg	1.9	10/06/10 12:10	10/08/10 16:38	EPA 8260C
591-78-6	Methyl Butyl Ketone	1.9	U	mg/kg	1.9	10/06/10 12:10	10/08/10 16:38	EPA 8260C
78-93-3	Methyl Ethyl Ketone	1.9	U	mg/kg	1.9	10/06/10 12:10	10/08/10 16:38	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	1.9	U	mg/kg	1.9	10/06/10 12:10	10/08/10 16:38	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
108-87-2	Methylcyclohexane	8.6		mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
75-09-2	Methylene Chloride	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
104-51-8	n-Butylbenzene	1.2		mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
103-65-1	n-Propylbenzene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
95-49-8	o-Chlorotoluene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
95-47-6	o-Xylene	0.50	J, Q-2	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
106-43-4	p-Chlorotoluene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
99-87-6	p-Isopropyltoluene	420		mg/kg	9.7	10/06/10 12:10	10/07/10 14:42	EPA 8260C
135-98-8	sec-Butylbenzene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
100-42-5	Styrene	39	U	mg/kg	39	10/06/10 12:10	10/08/10 16:38	EPA 8260C



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 D.A.R.T. Id: 10-0629
 Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC03-B

Lab ID: E104009-05

Station ID: HERC03

Matrix: Waste

Date Collected: 9/28/10 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	1.4		mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
108-88-3	Toluene	0.82	J, Q-2	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
75-01-4	Vinyl chloride	0.97	U	mg/kg	0.97	10/06/10 12:10	10/08/10 16:38	EPA 8260C
Tentatively Identified Compounds:								
R4-8000739	Dimethyloctane (TIC)	40	NJ	mg/kg		10/06/10 12:10	10/08/10 16:38	EPA 8260C
R4-8000896	Ethylmethylcyclohexane (TIC)	20	NJ	mg/kg		10/06/10 12:10	10/08/10 16:38	EPA 8260C



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC03-B

Lab ID: E104009-05

Station ID: HERC03

Matrix: Waste

Date Collected: 9/28/10 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene):		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
107-06-2	1,2-Dichloroethane:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
106-46-7	1,4-Dichlorobenzene:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
71-43-2	Benzene:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
56-23-5	Carbon Tetrachloride:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
108-90-7	Chlorobenzene:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
67-66-3	Chloroform:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
87-68-3	Hexachlorobutadiene:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
78-93-3	Methyl Ethyl Ketone:		NA-5		0.0010	10/13/10 15:00	10/13/10 15:00	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene):		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene):		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
75-01-4	Vinyl chloride:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC04-B

Lab ID: E104009-06

Station ID: HERC04

Matrix: Waste

Date Collected: 9/28/10 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	5.8	J, Q-2	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
71-55-6	1,1,1-Trichloroethane	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
79-00-5	1,1,2-Trichloroethane	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
75-34-3	1,1-Dichloroethane	10	U, J, QL-1	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
563-58-6	1,1-Dichloropropene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
96-18-4	1,2,3-Trichloropropane	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	4.6	J, Q-2, QR-1	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	20	U	mg/kg	20	10/06/10 12:10	10/07/10 16:26	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
95-50-1	1,2-Dichlorobenzene	25		mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
107-06-2	1,2-Dichloroethane	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
78-87-5	1,2-Dichloropropane	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
541-73-1	1,3-Dichlorobenzene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
142-28-9	1,3-Dichloropropane	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
106-46-7	1,4-Dichlorobenzene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
594-20-7	2,2-Dichloropropane	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
67-64-1	Acetone	80	U	mg/kg	80	10/06/10 12:10	10/07/10 16:26	EPA 8260C
71-43-2	Benzene	19		mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
108-86-1	Bromobenzene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
74-97-5	Bromochloromethane	10	U, J, QL-1	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
75-27-4	Bromodichloromethane	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
75-25-2	Bromoform	20	U	mg/kg	20	10/06/10 12:10	10/07/10 16:26	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC04-B

Lab ID: E104009-06

Station ID: HERC04

Matrix: Waste

Date Collected: 9/28/10 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	40	U	mg/kg	40	10/06/10 12:10	10/07/10 16:26	EPA 8260C
75-15-0	Carbon disulfide	5.6	J, Q-2	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
56-23-5	Carbon Tetrachloride	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
108-90-7	Chlorobenzene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
75-00-3	Chloroethane	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
67-66-3	Chloroform	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
74-87-3	Chloromethane	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
110-82-7	Cyclohexane	910		mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
124-48-1	Dibromochloromethane	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
74-95-3	Dibromomethane	10	U, J, QL-1	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
100-41-4	Ethyl Benzene	2.2	J, Q-2	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
87-68-3	Hexachlorobutadiene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
98-82-8	Isopropylbenzene	44	U, D-4	mg/kg	44	10/06/10 12:10	10/07/10 16:26	EPA 8260C
79-20-9	Methyl Acetate	20	U	mg/kg	20	10/06/10 12:10	10/07/10 16:26	EPA 8260C
591-78-6	Methyl Butyl Ketone	20	U	mg/kg	20	10/06/10 12:10	10/07/10 16:26	EPA 8260C
78-93-3	Methyl Ethyl Ketone	20	U	mg/kg	20	10/06/10 12:10	10/07/10 16:26	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	20	U	mg/kg	20	10/06/10 12:10	10/07/10 16:26	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
108-87-2	Methylcyclohexane	20		mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
75-09-2	Methylene Chloride	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
104-51-8	n-Butylbenzene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
103-65-1	n-Propylbenzene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
95-49-8	o-Chlorotoluene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
95-47-6	o-Xylene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
106-43-4	p-Chlorotoluene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
99-87-6	p-Isopropyltoluene	3500		mg/kg	50	10/06/10 12:10	10/08/10 14:28	EPA 8260C
135-98-8	sec-Butylbenzene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
100-42-5	Styrene	40	U	mg/kg	40	10/06/10 12:10	10/07/10 16:26	EPA 8260C



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Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC04-B

Lab ID: E104009-06

Station ID: HERC04

Matrix: Waste

Date Collected: 9/28/10 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
108-88-3	Toluene	3000		mg/kg	50	10/06/10 12:10	10/08/10 14:28	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
75-01-4	Vinyl chloride	10	U	mg/kg	10	10/06/10 12:10	10/07/10 16:26	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	200	U	mg/kg	200	10/06/10 12:10	10/07/10 16:26	EPA 8260C



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TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC04-B

Lab ID: E104009-06

Station ID: HERC04

Matrix: Waste

Date Collected: 9/28/10 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C
107-06-2	1,2-Dichloroethane	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C
71-43-2	Benzene	0.22		mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C
56-23-5	Carbon Tetrachloride	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C
108-90-7	Chlorobenzene	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C
67-66-3	Chloroform	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C
87-68-3	Hexachlorobutadiene	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C
78-93-3	Methyl Ethyl Ketone	0.20	U	mg/L	0.20	10/13/10 15:00	10/13/10 16:19	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C
75-01-4	Vinyl chloride	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:19	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC05-A

Lab ID: E104009-07

Station ID: HERC05

Matrix: Waste

Date Collected: 9/28/10 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	4.6	J, Q-2	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
71-55-6	1,1,1-Trichloroethane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
79-00-5	1,1,2-Trichloroethane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
75-34-3	1,1-Dichloroethane	9.9	U, J, QL-1	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
563-58-6	1,1-Dichloropropene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
96-18-4	1,2,3-Trichloropropane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	4.0	J, Q-2, QR-1	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	20	U	mg/kg	20	10/06/10 12:10	10/07/10 16:52	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
95-50-1	1,2-Dichlorobenzene	6.3	J, Q-2	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
107-06-2	1,2-Dichloroethane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
78-87-5	1,2-Dichloropropane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
541-73-1	1,3-Dichlorobenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
142-28-9	1,3-Dichloropropane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
106-46-7	1,4-Dichlorobenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
594-20-7	2,2-Dichloropropane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
67-64-1	Acetone	79	U	mg/kg	79	10/06/10 12:10	10/07/10 16:52	EPA 8260C
71-43-2	Benzene	14		mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
108-86-1	Bromobenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
74-97-5	Bromochloromethane	9.9	U, J, QL-1	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
75-27-4	Bromodichloromethane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
75-25-2	Bromoform	20	U	mg/kg	20	10/06/10 12:10	10/07/10 16:52	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC05-A

Lab ID: E104009-07

Station ID: HERC05

Matrix: Waste

Date Collected: 9/28/10 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	40	U	mg/kg	40	10/06/10 12:10	10/07/10 16:52	EPA 8260C
75-15-0	Carbon disulfide	3.6	J, Q-2	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
56-23-5	Carbon Tetrachloride	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
108-90-7	Chlorobenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
75-00-3	Chloroethane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
67-66-3	Chloroform	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
74-87-3	Chloromethane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
110-82-7	Cyclohexane	420		mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
124-48-1	Dibromochloromethane	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
74-95-3	Dibromomethane	9.9	U, J, QL-1	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
100-41-4	Ethyl Benzene	2.6	J, Q-2	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
87-68-3	Hexachlorobutadiene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
98-82-8	Isopropylbenzene	28	U, D-4	mg/kg	28	10/06/10 12:10	10/07/10 16:52	EPA 8260C
79-20-9	Methyl Acetate	20	U	mg/kg	20	10/06/10 12:10	10/07/10 16:52	EPA 8260C
591-78-6	Methyl Butyl Ketone	20	U	mg/kg	20	10/06/10 12:10	10/07/10 16:52	EPA 8260C
78-93-3	Methyl Ethyl Ketone	20	U	mg/kg	20	10/06/10 12:10	10/07/10 16:52	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	4.6	J, Q-2	mg/kg	20	10/06/10 12:10	10/07/10 16:52	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
108-87-2	Methylcyclohexane	22		mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
75-09-2	Methylene Chloride	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
104-51-8	n-Butylbenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
103-65-1	n-Propylbenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
95-49-8	o-Chlorotoluene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
95-47-6	o-Xylene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
106-43-4	p-Chlorotoluene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
99-87-6	p-Isopropyltoluene	3500		mg/kg	50	10/06/10 12:10	10/08/10 14:54	EPA 8260C
135-98-8	sec-Butylbenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
100-42-5	Styrene	40	U	mg/kg	40	10/06/10 12:10	10/07/10 16:52	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700
 D.A.R.T. Id: 10-0629
 Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC05-A

Lab ID: E104009-07

Station ID: HERC05

Matrix: Waste

Date Collected: 9/28/10 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
108-88-3	Toluene	5300		mg/kg	50	10/06/10 12:10	10/08/10 14:54	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
75-01-4	Vinyl chloride	9.9	U	mg/kg	9.9	10/06/10 12:10	10/07/10 16:52	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	200	U	mg/kg	200	10/06/10 12:10	10/07/10 16:52	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC05-A

Lab ID: E104009-07

Station ID: HERC05

Matrix: Waste

Date Collected: 9/28/10 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C
107-06-2	1,2-Dichloroethane	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C
71-43-2	Benzene	0.23		mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C
56-23-5	Carbon Tetrachloride	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C
108-90-7	Chlorobenzene	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C
67-66-3	Chloroform	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C
87-68-3	Hexachlorobutadiene	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C
78-93-3	Methyl Ethyl Ketone	0.20	U	mg/L	0.20	10/13/10 15:00	10/13/10 16:45	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C
75-01-4	Vinyl chloride	0.10	U	mg/L	0.10	10/13/10 15:00	10/13/10 16:45	EPA 8260C



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC06-B

Lab ID: E104009-08

Station ID: HERC06

Matrix: Waste

Date Collected: 9/28/10 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
71-55-6	1,1,1-Trichloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
79-00-5	1,1,2-Trichloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
75-34-3	1,1-Dichloroethane	1.0	U, J, QL-1	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
563-58-6	1,1-Dichloropropene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
96-18-4	1,2,3-Trichloropropane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	0.40	J, Q-2	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	2.0	U	mg/kg	2.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
95-50-1	1,2-Dichlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
107-06-2	1,2-Dichloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
78-87-5	1,2-Dichloropropane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
541-73-1	1,3-Dichlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
142-28-9	1,3-Dichloropropane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
106-46-7	1,4-Dichlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
594-20-7	2,2-Dichloropropane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
67-64-1	Acetone	8.0	U	mg/kg	8.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
71-43-2	Benzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
108-86-1	Bromobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
74-97-5	Bromochloromethane	1.0	U, J, QL-1	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
75-27-4	Bromodichloromethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
75-25-2	Bromoform	2.0	U	mg/kg	2.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC06-B

Lab ID: E104009-08

Station ID: HERC06

Matrix: Waste

Date Collected: 9/28/10 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	40	U	mg/kg	40	10/06/10 12:10	10/08/10 16:12	EPA 8260C
75-15-0	Carbon disulfide	0.42	J, Q-2	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
56-23-5	Carbon Tetrachloride	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
108-90-7	Chlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
75-00-3	Chloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
67-66-3	Chloroform	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
74-87-3	Chloromethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
110-82-7	Cyclohexane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
124-48-1	Dibromochloromethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
74-95-3	Dibromomethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
100-41-4	Ethyl Benzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
87-68-3	Hexachlorobutadiene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
98-82-8	Isopropylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
79-20-9	Methyl Acetate	2.0	U	mg/kg	2.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
591-78-6	Methyl Butyl Ketone	2.0	U	mg/kg	2.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
78-93-3	Methyl Ethyl Ketone	2.0	U	mg/kg	2.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	2.0	U	mg/kg	2.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
108-87-2	Methylcyclohexane	0.24	J, Q-2	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
75-09-2	Methylene Chloride	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
104-51-8	n-Butylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
103-65-1	n-Propylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
95-49-8	o-Chlorotoluene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
95-47-6	o-Xylene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
106-43-4	p-Chlorotoluene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
99-87-6	p-Isopropyltoluene	38		mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
135-98-8	sec-Butylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
100-42-5	Styrene	40	U	mg/kg	40	10/06/10 12:10	10/08/10 16:12	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC06-B

Lab ID: E104009-08

Station ID: HERC06

Matrix: Waste

Date Collected: 9/28/10 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
108-88-3	Toluene	280		mg/kg	10	10/06/10 12:10	10/07/10 14:16	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
75-01-4	Vinyl chloride	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 16:12	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	20	U	mg/kg	20	10/06/10 12:10	10/08/10 16:12	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC06-B

Lab ID: E104009-08

Station ID: HERC06

Matrix: Waste

Date Collected: 9/28/10 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene):	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
107-06-2	1,2-Dichloroethane:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
106-46-7	1,4-Dichlorobenzene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
71-43-2	Benzene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
56-23-5	Carbon Tetrachloride:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
108-90-7	Chlorobenzene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
67-66-3	Chloroform:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
87-68-3	Hexachlorobutadiene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
78-93-3	Methyl Ethyl Ketone:	NA-5			0.0010	10/13/10 15:00	10/13/10 15:00	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene):	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene):	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
75-01-4	Vinyl chloride:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C



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Region 4 Science and Ecosystem Support Division
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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC07-B

Lab ID: E104009-09

Station ID: HERC07

Matrix: Waste

Date Collected: 9/28/10 15:25

C4S Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	2.9		mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
71-55-6	1,1,1-Trichloroethane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
79-00-5	1,1,2-Trichloroethane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
75-34-3	1,1-Dichloroethane	2.4	U, J, QL-1	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
563-58-6	1,1-Dichloropropene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
96-18-4	1,2,3-Trichloropropane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	1.3	J, Q-2	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	4.9	U	mg/kg	4.9	10/06/10 12:10	10/08/10 17:04	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
95-50-1	1,2-Dichlorobenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
107-06-2	1,2-Dichloroethane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
78-87-5	1,2-Dichloropropane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
541-73-1	1,3-Dichlorobenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
142-28-9	1,3-Dichloropropane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
106-46-7	1,4-Dichlorobenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
594-20-7	2,2-Dichloropropane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
67-64-1	Acetone	19	U	mg/kg	19	10/06/10 12:10	10/08/10 17:04	EPA 8260C
71-43-2	Benzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
108-86-1	Bromobenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
74-97-5	Bromochloromethane	2.4	U, J, QL-1	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
75-27-4	Bromodichloromethane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
75-25-2	Bromoform	4.9	U	mg/kg	4.9	10/06/10 12:10	10/08/10 17:04	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC07-B

Lab ID: E104009-09

Station ID: HERC07

Matrix: Waste

Date Collected: 9/28/10 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	97	U	mg/kg	97	10/06/10 12:10	10/08/10 17:04	EPA 8260C
75-15-0	Carbon disulfide	0.78	J, Q-2	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
56-23-5	Carbon Tetrachloride	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
108-90-7	Chlorobenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
75-00-3	Chloroethane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
67-66-3	Chloroform	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
74-87-3	Chloromethane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
110-82-7	Cyclohexane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
124-48-1	Dibromochloromethane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
74-95-3	Dibromomethane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
100-41-4	Ethyl Benzene	0.92	J, Q-2	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
87-68-3	Hexachlorobutadiene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
98-82-8	Isopropylbenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
79-20-9	Methyl Acetate	4.9	U	mg/kg	4.9	10/06/10 12:10	10/08/10 17:04	EPA 8260C
591-78-6	Methyl Butyl Ketone	4.9	U	mg/kg	4.9	10/06/10 12:10	10/08/10 17:04	EPA 8260C
78-93-3	Methyl Ethyl Ketone	4.9	U	mg/kg	4.9	10/06/10 12:10	10/08/10 17:04	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	4.9	U	mg/kg	4.9	10/06/10 12:10	10/08/10 17:04	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
108-87-2	Methylcyclohexane	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
75-09-2	Methylene Chloride	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
104-51-8	n-Butylbenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
103-65-1	n-Propylbenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
95-49-8	o-Chlorotoluene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
95-47-6	o-Xylene	0.73	J, Q-2	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
106-43-4	p-Chlorotoluene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
99-87-6	p-Isopropyltoluene	170		mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
135-98-8	sec-Butylbenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
100-42-5	Styrene	97	U	mg/kg	97	10/06/10 12:10	10/08/10 17:04	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC07-B

Lab ID: E104009-09

Station ID: HERC07

Matrix: Waste

Date Collected: 9/28/10 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
108-88-3	Toluene	1400		mg/kg	9.7	10/06/10 12:10	10/07/10 13:51	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
75-01-4	Vinyl chloride	2.4	U	mg/kg	2.4	10/06/10 12:10	10/08/10 17:04	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	50	U	mg/kg	50	10/06/10 12:10	10/08/10 17:04	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700
 D.A.R.T. Id: 10-0629
 Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC07-B

Lab ID: E104009-09

Station ID: HERC07

Matrix: Waste

Date Collected: 9/28/10 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene):	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
107-06-2	1,2-Dichloroethane:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
106-46-7	1,4-Dichlorobenzene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
71-43-2	Benzene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
56-23-5	Carbon Tetrachloride:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
108-90-7	Chlorobenzene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
67-66-3	Chloroform:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
87-68-3	Hexachlorobutadiene:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
78-93-3	Methyl Ethyl Ketone:	NA-5			0.0010	10/13/10 15:00	10/13/10 15:00	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene):	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene):	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
75-01-4	Vinyl chloride:	NA-5			0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC08

Lab ID: E104009-10

Station ID: HERC08

Matrix: Waste

Date Collected: 9/29/10 8:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
71-55-6	1,1,1-Trichloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
79-00-5	1,1,2-Trichloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
75-34-3	1,1-Dichloroethane	1.0	U, J, QL-1	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
563-58-6	1,1-Dichloropropene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
96-18-4	1,2,3-Trichloropropane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	2.0	U	mg/kg	2.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
95-50-1	1,2-Dichlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
107-06-2	1,2-Dichloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
78-87-5	1,2-Dichloropropane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
541-73-1	1,3-Dichlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
142-28-9	1,3-Dichloropropane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
106-46-7	1,4-Dichlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
594-20-7	2,2-Dichloropropane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
67-64-1	Acetone	8.0	U	mg/kg	8.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
71-43-2	Benzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
108-86-1	Bromobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
74-97-5	Bromochloromethane	1.0	U, J, QL-1	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
75-27-4	Bromodichloromethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
75-25-2	Bromoform	2.0	U	mg/kg	2.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC08

Lab ID: E104009-10

Station ID: HERC08

Matrix: Waste

Date Collected: 9/29/10 8:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	40	U	mg/kg	40	10/06/10 12:10	10/08/10 15:20	EPA 8260C
75-15-0	Carbon disulfide	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
56-23-5	Carbon Tetrachloride	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
108-90-7	Chlorobenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
75-00-3	Chloroethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
67-66-3	Chloroform	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
74-87-3	Chloromethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
110-82-7	Cyclohexane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
124-48-1	Dibromochloromethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
74-95-3	Dibromomethane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
100-41-4	Ethyl Benzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
87-68-3	Hexachlorobutadiene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
98-82-8	Isopropylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
79-20-9	Methyl Acetate	2.0	U	mg/kg	2.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
591-78-6	Methyl Butyl Ketone	2.0	U	mg/kg	2.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
78-93-3	Methyl Ethyl Ketone	2.0	U	mg/kg	2.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	2.0	U	mg/kg	2.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
108-87-2	Methylcyclohexane	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
75-09-2	Methylene Chloride	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
104-51-8	n-Butylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
103-65-1	n-Propylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
95-49-8	o-Chlorotoluene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
95-47-6	o-Xylene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
106-43-4	p-Chlorotoluene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
99-87-6	p-Isopropyltoluene	2.6		mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
135-98-8	sec-Butylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
100-42-5	Styrene	40	U	mg/kg	40	10/06/10 12:10	10/08/10 15:20	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700
 D.A.R.T. Id: 10-0629
 Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC08

Lab ID: E104009-10

Station ID: HERC08

Matrix: Waste

Date Collected: 9/29/10 8:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
108-88-3	Toluene	34		mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
75-01-4	Vinyl chloride	1.0	U	mg/kg	1.0	10/06/10 12:10	10/08/10 15:20	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	20	U	mg/kg	20	10/06/10 12:10	10/08/10 15:20	EPA 8260C



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Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC08

Lab ID: E104009-10

Station ID: HERC08

Matrix: Waste

Date Collected: 9/29/10 8:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene):		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
107-06-2	1,2-Dichloroethane:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
106-46-7	1,4-Dichlorobenzene:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
71-43-2	Benzene:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
56-23-5	Carbon Tetrachloride:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
108-90-7	Chlorobenzene:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
67-66-3	Chloroform:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
87-68-3	Hexachlorobutadiene:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
78-93-3	Methyl Ethyl Ketone:		NA-5		0.0010	10/13/10 15:00	10/13/10 15:00	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene):		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene):		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C
75-01-4	Vinyl chloride:		NA-5		0.00050	10/13/10 15:00	10/13/10 15:00	EPA 8260C



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC09-B

Lab ID: E104009-11

Station ID: HERC09

Matrix: Waste

Date Collected: 9/29/10 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	3.2		mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
71-55-6	1,1,1-Trichloroethane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
79-00-5	1,1,2-Trichloroethane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
75-34-3	1,1-Dichloroethane	2.5	U, J, QL-1	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
563-58-6	1,1-Dichloropropene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
96-18-4	1,2,3-Trichloropropane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	3.0		mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	5.0	U	mg/kg	5.0	10/06/10 12:10	10/08/10 17:30	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
95-50-1	1,2-Dichlorobenzene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
107-06-2	1,2-Dichloroethane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
78-87-5	1,2-Dichloropropane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
541-73-1	1,3-Dichlorobenzene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
142-28-9	1,3-Dichloropropane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
106-46-7	1,4-Dichlorobenzene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
594-20-7	2,2-Dichloropropane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
67-64-1	Acetone	20	U	mg/kg	20	10/06/10 12:10	10/08/10 17:30	EPA 8260C
71-43-2	Benzene	170		mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
108-86-1	Bromobenzene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
74-97-5	Bromochloromethane	2.5	U, J, QL-1	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
75-27-4	Bromodichloromethane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
75-25-2	Bromoform	5.0	U	mg/kg	5.0	10/06/10 12:10	10/08/10 17:30	EPA 8260C



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC09-B

Lab ID: E104009-11

Station ID: HERC09

Matrix: Waste

Date Collected: 9/29/10 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	100	U	mg/kg	100	10/06/10 12:10	10/08/10 17:30	EPA 8260C
75-15-0	Carbon disulfide	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
56-23-5	Carbon Tetrachloride	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
108-90-7	Chlorobenzene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
75-00-3	Chloroethane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
67-66-3	Chloroform	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
74-87-3	Chloromethane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
110-82-7	Cyclohexane	29		mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
124-48-1	Dibromochloromethane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
74-95-3	Dibromomethane	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
100-41-4	Ethyl Benzene	1.0	J, Q-2	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
87-68-3	Hexachlorobutadiene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
98-82-8	Isopropylbenzene	6.0	U, D-4	mg/kg	6.0	10/06/10 12:10	10/08/10 17:30	EPA 8260C
79-20-9	Methyl Acetate	5.0	U	mg/kg	5.0	10/06/10 12:10	10/08/10 17:30	EPA 8260C
591-78-6	Methyl Butyl Ketone	5.0	U	mg/kg	5.0	10/06/10 12:10	10/08/10 17:30	EPA 8260C
78-93-3	Methyl Ethyl Ketone	5.0	U	mg/kg	5.0	10/06/10 12:10	10/08/10 17:30	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	5.0	U	mg/kg	5.0	10/06/10 12:10	10/08/10 17:30	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
108-87-2	Methylcyclohexane	8.2		mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
75-09-2	Methylene Chloride	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
104-51-8	n-Butylbenzene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
103-65-1	n-Propylbenzene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
95-49-8	o-Chlorotoluene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
95-47-6	o-Xylene	1.0	J, Q-2	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
106-43-4	p-Chlorotoluene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
99-87-6	p-Isopropyltoluene	610		mg/kg	25	10/06/10 12:10	10/07/10 17:17	EPA 8260C
135-98-8	sec-Butylbenzene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
100-42-5	Styrene	100	U	mg/kg	100	10/06/10 12:10	10/08/10 17:30	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC09-B

Lab ID: E104009-11

Station ID: HERC09

Matrix: Waste

Date Collected: 9/29/10 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
108-88-3	Toluene	1100		mg/kg	25	10/06/10 12:10	10/07/10 17:17	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
75-01-4	Vinyl chloride	2.5	U	mg/kg	2.5	10/06/10 12:10	10/08/10 17:30	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	50	U	mg/kg	50	10/06/10 12:10	10/08/10 17:30	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC09-B

Lab ID: E104009-11

Station ID: HERC09

Matrix: Waste

Date Collected: 9/29/10 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C
107-06-2	1,2-Dichloroethane	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C
71-43-2	Benzene	1.8		mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C
56-23-5	Carbon Tetrachloride	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C
108-90-7	Chlorobenzene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C
67-66-3	Chloroform	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C
87-68-3	Hexachlorobutadiene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C
78-93-3	Methyl Ethyl Ketone	0.50	U	mg/L	0.50	10/13/10 15:00	10/13/10 17:11	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C
75-01-4	Vinyl chloride	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:11	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC10-B

Lab ID: E104009-12

Station ID: HERC10

Matrix: Waste

Date Collected: 9/29/10 14:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
71-55-6	1,1,1-Trichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
79-00-5	1,1,2-Trichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
75-34-3	1,1-Dichloroethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
563-58-6	1,1-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
96-18-4	1,2,3-Trichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	7.0	J, Q-2, QR-1	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	50	U	mg/kg	50	10/06/10 12:10	10/07/10 17:43	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
95-50-1	1,2-Dichlorobenzene	34		mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
107-06-2	1,2-Dichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
78-87-5	1,2-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
541-73-1	1,3-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
142-28-9	1,3-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
106-46-7	1,4-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
594-20-7	2,2-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
67-64-1	Acetone	200	U	mg/kg	200	10/06/10 12:10	10/07/10 17:43	EPA 8260C
71-43-2	Benzene	140		mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
108-86-1	Bromobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
74-97-5	Bromochloromethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
75-27-4	Bromodichloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
75-25-2	Bromoform	50	U	mg/kg	50	10/06/10 12:10	10/07/10 17:43	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC10-B

Lab ID: E104009-12

Station ID: HERC10

Matrix: Waste

Date Collected: 9/29/10 14:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	100	U	mg/kg	100	10/06/10 12:10	10/07/10 17:43	EPA 8260C
75-15-0	Carbon disulfide	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
56-23-5	Carbon Tetrachloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
108-90-7	Chlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
75-00-3	Chloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
67-66-3	Chloroform	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
74-87-3	Chloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
110-82-7	Cyclohexane	1500		mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
124-48-1	Dibromochloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
74-95-3	Dibromomethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
100-41-4	Ethyl Benzene	4.0	I, Q-2	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
87-68-3	Hexachlorobutadiene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
98-82-8	Isopropylbenzene	70	U, D-4	mg/kg	70	10/06/10 12:10	10/07/10 17:43	EPA 8260C
79-20-9	Methyl Acetate	50	U	mg/kg	50	10/06/10 12:10	10/07/10 17:43	EPA 8260C
591-78-6	Methyl Butyl Ketone	50	U	mg/kg	50	10/06/10 12:10	10/07/10 17:43	EPA 8260C
78-93-3	Methyl Ethyl Ketone	50	U	mg/kg	50	10/06/10 12:10	10/07/10 17:43	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	50	U	mg/kg	50	10/06/10 12:10	10/07/10 17:43	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
108-87-2	Methylcyclohexane	12	J, Q-2	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
75-09-2	Methylene Chloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
104-51-8	n-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
103-65-1	n-Propylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
95-49-8	o-Chlorotoluene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
95-47-6	o-Xylene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
106-43-4	p-Chlorotoluene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
99-87-6	p-Isopropyltoluene	3400		mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
135-98-8	sec-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
100-42-5	Styrene	100	U	mg/kg	100	10/06/10 12:10	10/07/10 17:43	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700
 D.A.R.T. Id: 10-0629
 Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC10-B

Lab ID: E104009-12

Station ID: HERC10

Matrix: Waste

Date Collected: 9/29/10 14:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
108-88-3	Toluene	3100		mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
75-01-4	Vinyl chloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 17:43	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	500	U	mg/kg	500	10/06/10 12:10	10/07/10 17:43	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700
 D.A.R.T. Id: 10-0629
 Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC10-B

Lab ID: E104009-12

Station ID: HERC10

Matrix: Waste

Date Collected: 9/29/10 14:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C
107-06-2	1,2-Dichloroethane	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C
71-43-2	Benzene	2.2		mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C
56-23-5	Carbon Tetrachloride	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C
108-90-7	Chlorobenzene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C
67-66-3	Chloroform	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C
87-68-3	Hexachlorobutadiene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C
78-93-3	Methyl Ethyl Ketone	0.50	U	mg/L	0.50	10/13/10 15:00	10/13/10 17:37	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C
75-01-4	Vinyl chloride	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 17:37	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC11-B**

Lab ID: **E104009-13**

Station ID: **HERC11**

Matrix: **Waste**

Date Collected: **9/29/10 14:30**

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
71-55-6	1,1,1-Trichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
79-00-5	1,1,2-Trichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
75-34-3	1,1-Dichloroethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
563-58-6	1,1-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
96-18-4	1,2,3-Trichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	25	U, J, QR-1	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	49	U	mg/kg	49	10/06/10 12:10	10/07/10 18:09	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
95-50-1	1,2-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
107-06-2	1,2-Dichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
78-87-5	1,2-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
541-73-1	1,3-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
142-28-9	1,3-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
106-46-7	1,4-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
594-20-7	2,2-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
67-64-1	Acetone	200	U	mg/kg	200	10/06/10 12:10	10/07/10 18:09	EPA 8260C
71-43-2	Benzene	77		mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
108-86-1	Bromobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
74-97-5	Bromochloromethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
75-27-4	Bromodichloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
75-25-2	Bromoform	49	U	mg/kg	49	10/06/10 12:10	10/07/10 18:09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC11-B

Lab ID: E104009-13

Station ID: HERC11

Matrix: Waste

Date Collected: 9/29/10 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	98	U	mg/kg	98	10/06/10 12:10	10/07/10 18:09	EPA 8260C
75-15-0	Carbon disulfide	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
56-23-5	Carbon Tetrachloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
108-90-7	Chlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
75-00-3	Chloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
67-66-3	Chloroform	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
74-87-3	Chloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
110-82-7	Cyclohexane	100		mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
124-48-1	Dibromochloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
74-95-3	Dibromomethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
100-41-4	Ethyl Benzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
87-68-3	Hexachlorobutadiene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
98-82-8	Isopropylbenzene	26	U, D-4	mg/kg	26	10/06/10 12:10	10/07/10 18:09	EPA 8260C
79-20-9	Methyl Acetate	49	U	mg/kg	49	10/06/10 12:10	10/07/10 18:09	EPA 8260C
591-78-6	Methyl Butyl Ketone	49	U	mg/kg	49	10/06/10 12:10	10/07/10 18:09	EPA 8260C
78-93-3	Methyl Ethyl Ketone	49	U	mg/kg	49	10/06/10 12:10	10/07/10 18:09	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	49	U	mg/kg	49	10/06/10 12:10	10/07/10 18:09	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
108-87-2	Methylcyclohexane	7.4	J, Q-2	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
75-09-2	Methylene Chloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
104-51-8	n-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
103-65-1	n-Propylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
95-49-8	o-Chlorotoluene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
95-47-6	o-Xylene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
106-43-4	p-Chlorotoluene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
99-87-6	p-Isopropyltoluene	720		mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
135-98-8	sec-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
100-42-5	Styrene	98	U	mg/kg	98	10/06/10 12:10	10/07/10 18:09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC11-B

Lab ID: E104009-13

Station ID: HERC11

Matrix: Waste

Date Collected: 9/29/10 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
108-88-3	Toluene	2600		mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
75-01-4	Vinyl chloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:09	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	500	U	mg/kg	500	10/06/10 12:10	10/07/10 18:09	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC11-B

Lab ID: E104009-13

Station ID: HERC11

Matrix: Waste

Date Collected: 9/29/10 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.025	U, J, H-8	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C
107-06-2	1,2-Dichloroethane	0.025	U, J, H-8	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.025	U, J, H-8	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C
71-43-2	Benzene	0.54	J, H-8	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C
56-23-5	Carbon Tetrachloride	0.025	U, J, H-8, QL-3	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C
108-90-7	Chlorobenzene	0.025	U, J, H-8	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C
67-66-3	Chloroform	0.025	U, J, H-8	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C
87-68-3	Hexachlorobutadiene	0.025	U, J, H-8	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C
78-93-3	Methyl Ethyl Ketone	0.050	U, J, H-8	mg/L	0.050	10/21/10 15:00	10/21/10 18:54	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.025	U, J, H-8	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.025	U, J, H-8	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C
75-01-4	Vinyl chloride	0.025	U, J, H-8	mg/L	0.025	10/21/10 15:00	10/21/10 18:54	EPA 8260C



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Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC12-B

Lab ID: E104009-14

Station ID: HERC12

Matrix: Waste

Date Collected: 9/29/10 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
71-55-6	1,1,1-Trichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
79-00-5	1,1,2-Trichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
75-34-3	1,1-Dichloroethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
563-58-6	1,1-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
96-18-4	1,2,3-Trichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	5.0	J, Q-2, QR-1	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	50	U	mg/kg	50	10/06/10 12:10	10/07/10 18:35	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
95-50-1	1,2-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
107-06-2	1,2-Dichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
78-87-5	1,2-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
541-73-1	1,3-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
142-28-9	1,3-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
106-46-7	1,4-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
594-20-7	2,2-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
67-64-1	Acetone	200	U	mg/kg	200	10/06/10 12:10	10/07/10 18:35	EPA 8260C
71-43-2	Benzene	440		mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
108-86-1	Bromobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
74-97-5	Bromochloromethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
75-27-4	Bromodichloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
75-25-2	Bromoform	50	U	mg/kg	50	10/06/10 12:10	10/07/10 18:35	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC12-B

Lab ID: E104009-14

Station ID: HERC12

Matrix: Waste

Date Collected: 9/29/10 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	100	U	mg/kg	100	10/06/10 12:10	10/07/10 18:35	EPA 8260C
75-15-0	Carbon disulfide	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
56-23-5	Carbon Tetrachloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
108-90-7	Chlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
75-00-3	Chloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
67-66-3	Chloroform	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
74-87-3	Chloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
110-82-7	Cyclohexane	48		mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
124-48-1	Dibromochloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
74-95-3	Dibromomethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
100-41-4	Ethyl Benzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
87-68-3	Hexachlorobutadiene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
98-82-8	Isopropylbenzene	47		mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
79-20-9	Methyl Acetate	50	U	mg/kg	50	10/06/10 12:10	10/07/10 18:35	EPA 8260C
591-78-6	Methyl Butyl Ketone	50	U	mg/kg	50	10/06/10 12:10	10/07/10 18:35	EPA 8260C
78-93-3	Methyl Ethyl Ketone	50	U	mg/kg	50	10/06/10 12:10	10/07/10 18:35	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	50	U	mg/kg	50	10/06/10 12:10	10/07/10 18:35	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
108-87-2	Methylcyclohexane	11	J, Q-2	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
75-09-2	Methylene Chloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
104-51-8	n-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
103-65-1	n-Propylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
95-49-8	o-Chlorotoluene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
95-47-6	o-Xylene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
106-43-4	p-Chlorotoluene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
99-87-6	p-Isopropyltoluene	2400		mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
135-98-8	sec-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
100-42-5	Styrene	100	U	mg/kg	100	10/06/10 12:10	10/07/10 18:35	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC12-B

Lab ID: E104009-14

Station ID: HERC12

Matrix: Waste

Date Collected: 9/29/10 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
108-88-3	Toluene	160		mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
75-01-4	Vinyl chloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 18:35	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	500	U	mg/kg	500	10/06/10 12:10	10/07/10 18:35	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC12-B

Lab ID: E104009-14

Station ID: HERC12

Matrix: Waste

Date Collected: 9/29/10 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C
107-06-2	1,2-Dichloroethane	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C
71-43-2	Benzene	1.8		mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C
56-23-5	Carbon Tetrachloride	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C
108-90-7	Chlorobenzene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C
67-66-3	Chloroform	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C
87-68-3	Hexachlorobutadiene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C
78-93-3	Methyl Ethyl Ketone	0.50	U	mg/L	0.50	10/13/10 15:00	10/13/10 18:29	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C
75-01-4	Vinyl chloride	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:29	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC13-B

Lab ID: E104009-15

Station ID: HERC13

Matrix: Waste

Date Collected: 9/29/10 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
630-20-6	1,1,1,2-Tetrachloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
71-55-6	1,1,1-Trichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
79-34-5	1,1,2,2-Tetrachloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
79-00-5	1,1,2-Trichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
75-34-3	1,1-Dichloroethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
563-58-6	1,1-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
87-61-6	1,2,3-Trichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
96-18-4	1,2,3-Trichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
120-82-1	1,2,4-Trichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
95-63-6	1,2,4-Trimethylbenzene	5.5	J, Q-2, QR-1	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	50	U	mg/kg	50	10/06/10 12:10	10/07/10 19:01	EPA 8260C
106-93-4	1,2-Dibromoethane (EDB)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
95-50-1	1,2-Dichlorobenzene	31		mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
107-06-2	1,2-Dichloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
78-87-5	1,2-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
108-67-8	1,3,5-Trimethylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
541-73-1	1,3-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
142-28-9	1,3-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
106-46-7	1,4-Dichlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
594-20-7	2,2-Dichloropropane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
67-64-1	Acetone	200	U	mg/kg	200	10/06/10 12:10	10/07/10 19:01	EPA 8260C
71-43-2	Benzene	390		mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
108-86-1	Bromobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
74-97-5	Bromochloromethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
75-27-4	Bromodichloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
75-25-2	Bromoform	50	U	mg/kg	50	10/06/10 12:10	10/07/10 19:01	EPA 8260C



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC13-B

Lab ID: E104009-15

Station ID: HERC13

Matrix: Waste

Date Collected: 9/29/10 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
74-83-9	Bromomethane	100	U	mg/kg	100	10/06/10 12:10	10/07/10 19:01	EPA 8260C
75-15-0	Carbon disulfide	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
56-23-5	Carbon Tetrachloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
108-90-7	Chlorobenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
75-00-3	Chloroethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
67-66-3	Chloroform	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
74-87-3	Chloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
156-59-2	cis-1,2-Dichloroethene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
10061-01-5	cis-1,3-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
110-82-7	Cyclohexane	870		mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
124-48-1	Dibromochloromethane	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
74-95-3	Dibromomethane	25	U, J, QL-1	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
75-71-8	Dichlorodifluoromethane (Freon 12)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
100-41-4	Ethyl Benzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
87-68-3	Hexachlorobutadiene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
98-82-8	Isopropylbenzene	330	U, D-4	mg/kg	330	10/06/10 12:10	10/07/10 19:01	EPA 8260C
79-20-9	Methyl Acetate	50	U	mg/kg	50	10/06/10 12:10	10/07/10 19:01	EPA 8260C
591-78-6	Methyl Butyl Ketone	50	U	mg/kg	50	10/06/10 12:10	10/07/10 19:01	EPA 8260C
78-93-3	Methyl Ethyl Ketone	50	U	mg/kg	50	10/06/10 12:10	10/07/10 19:01	EPA 8260C
108-10-1	Methyl Isobutyl Ketone	11	J, Q-2	mg/kg	50	10/06/10 12:10	10/07/10 19:01	EPA 8260C
1634-04-4	Methyl T-Butyl Ether (MTBE)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
108-87-2	Methylcyclohexane	10	J, Q-2	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
75-09-2	Methylene Chloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
104-51-8	n-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
103-65-1	n-Propylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
95-49-8	o-Chlorotoluene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
95-47-6	o-Xylene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
106-43-4	p-Chlorotoluene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
99-87-6	p-Isopropyltoluene	3100		mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
135-98-8	sec-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
100-42-5	Styrene	100	U	mg/kg	100	10/06/10 12:10	10/07/10 19:01	EPA 8260C



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC13-B

Lab ID: E104009-15

Station ID: HERC13

Matrix: Waste

Date Collected: 9/29/10 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
98-06-6	tert-Butylbenzene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
108-88-3	Toluene	3400		mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
156-60-5	trans-1,2-Dichloroethene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
10061-02-6	trans-1,3-Dichloropropene	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
75-69-4	Trichlorofluoromethane (Freon 11)	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
75-01-4	Vinyl chloride	25	U	mg/kg	25	10/06/10 12:10	10/07/10 19:01	EPA 8260C
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	500	U	mg/kg	500	10/06/10 12:10	10/07/10 19:01	EPA 8260C



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 D.A.R.T. Id: 10-0629
 Project: 10-0629, Hercules Inc - Reported by Kristin Trapp

TCLP Volatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC13-B

Lab ID: E104009-15

Station ID: HERC13

Matrix: Waste

Date Collected: 9/29/10 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C
107-06-2	1,2-Dichloroethane	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C
106-46-7	1,4-Dichlorobenzene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C
71-43-2	Benzene	3.6		mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C
56-23-5	Carbon Tetrachloride	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C
108-90-7	Chlorobenzene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C
67-66-3	Chloroform	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C
87-68-3	Hexachlorobutadiene	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C
78-93-3	Methyl Ethyl Ketone	0.50	U	mg/L	0.50	10/13/10 15:00	10/13/10 18:54	EPA 8260C
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C
79-01-6	Trichloroethene (Trichloroethylene)	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C
75-01-4	Vinyl chloride	0.25	U	mg/L	0.25	10/13/10 15:00	10/13/10 18:54	EPA 8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

November 1, 2010

4SESD-ASB

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 10-0629, Hercules Inc
Civil Enforcement

FROM: Janet Muse
OCS Chemist

THRU: Sallie Hale, Chief
ASB Organic Chemistry Section

TO: Sharon Matthews

Attached are the final results for the analytical groups listed below. These analyses were performed in accordance with the Analytical Support Branch's (ASB) Laboratory Operations and Quality Assurance Manual (ASB LOQAM) found at www.epa.gov/region4/sesd/asbsop. Any unique project data quality objectives specified in writing by the data requestor have also been incorporated into the data unless otherwise noted in the Report Narrative. Chemistry data have been verified based on the ASB LOQAM specifications and may have been qualified if the applicable quality control criteria were not met. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report. The reported results are representative only of the samples as received by the laboratory.

Analyses Included in this report:

Method Used:

Semi Volatile Organics (SVOA)

Semivolatile organic compounds

EPA 8270D

TCLP SemiVolatiles (TCLPS)

Semivolatile organic compounds

EPA 8270D



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Sample Disposal Policy

Because of the laboratory's limited space for long term sample storage, our policy is to dispose of samples on a periodic schedule. Please note that within 60 days of this memo, the original samples and all sample extracts and/or sample digestates will be disposed of in accordance with applicable regulations. The 60-day sample disposal policy does not apply to criminal samples which are held until the laboratory is notified by the criminal investigators that case development and litigation are complete.

These samples may be held in the laboratory's custody for a longer period of time if you have a special project need. If you wish for the laboratory to hold samples beyond the 60-day period, please contact our Sample Control Coordinator, Debbie Colquitt, by e-mail at Colquitt.Debbie@epa.gov, and provide a reason for holding samples beyond 60 days



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

SAMPLES INCLUDED IN THIS REPORT

Project: 10-0629, Hercules Inc

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
ERB01	E104009-01	Equipment Rinse Blank	9/23/10 13:30	10/1/10 8:35
HERC01-A	E104009-03	Waste	9/28/10 10:10	10/1/10 8:35
HERC02-B	E104009-04	Waste	9/28/10 10:55	10/1/10 8:35
HERC03-B	E104009-05	Waste	9/28/10 13:15	10/1/10 8:35
HERC04-B	E104009-06	Waste	9/28/10 13:50	10/1/10 8:35
HERC05-A	E104009-07	Waste	9/28/10 14:05	10/1/10 8:35
HERC06-B	E104009-08	Waste	9/28/10 14:55	10/1/10 8:35
HERC07-B	E104009-09	Waste	9/28/10 15:25	10/1/10 8:35
HERC08	E104009-10	Waste	9/29/10 08:50	10/1/10 8:35
HERC09-B	E104009-11	Waste	9/29/10 14:20	10/1/10 8:35
HERC10-B	E104009-12	Waste	9/29/10 14:15	10/1/10 8:35
HERC11-B	E104009-13	Waste	9/29/10 14:30	10/1/10 8:35
HERC12-B	E104009-14	Waste	9/29/10 14:50	10/1/10 8:35
HERC13-B	E104009-15	Waste	9/29/10 15:10	10/1/10 8:35



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D.A.R.T. Id: 10-0629
Project: 10-0629, Hercules Inc - Reported by Janet Muse

DATA QUALIFIER DEFINITIONS

U	The analyte was not detected at or above the reporting limit.
H-7	Recommended preparation holding time exceeded
J	The identification of the analyte is acceptable; the reported value is an estimate.
N	There is presumptive evidence that the analyte is present; the analyte is reported as a tentative identification.
NA-5	Not Analyzed. Cannot exceed TCLP regulatory levels based on Total Scan analyses.
NJ	Presumptive evidence that analyte is present; reported as a tentative identification with an estimated value.
O-2	Result greater than MDL but less than MRL.
OL-2	Laboratory Control Spike Recovery greater than method control limits
OL-3	Laboratory Control Spike Precision outside method control limits
OM-1	Matrix Spike Recovery less than method control limits
OM-6	Matrix Spike Recovery less than 10%
R	The presence or absence of the analyte can not be determined from the data due to severe quality control problems. The data are rejected and considered unusable.

ACRONYMS AND ABBREVIATIONS

CAS	Chemical Abstracts Service Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory.
MDL	Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero.
MRL	Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments.
TIC	Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported.



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: ERB01

Lab ID: E104009-01

Station ID:

Matrix: Equipment Rinse Blank

Date Collected: 9/23/10 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
92-52-4	1,1-Biphenyl	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
95-94-3	1,2,4,5-Tetrachlorobenzene	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
95-50-1	1,2-Dichlorobenzene	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
541-73-1	1,3-Dichlorobenzene	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
106-46-7	1,4-Dichlorobenzene	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
90-12-0	1-Methylnaphthalene	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
120-83-2	2,4-Dichlorophenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
105-67-9	2,4-Dimethylphenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
51-28-5	2,4-Dinitrophenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
121-14-2	2,4-Dinitrotoluene	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
606-20-2	2,6-Dinitrotoluene	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
91-58-7	2-Chloronaphthalene	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
95-57-8	2-Chlorophenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
91-57-6	2-Methylnaphthalene	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
95-48-7	2-Methylphenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
88-74-4	2-Nitroaniline	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
88-75-5	2-Nitrophenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
99-09-2	3-Nitroaniline	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
106-47-8	4-Chloroaniline	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
100-01-6	4-Nitroaniline	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
100-02-7	4-Nitrophenol	9.8	U, J, H-7, QL-3	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: ERB01

Lab ID: E104009-01

Station ID:

Matrix: Equipment Rinse Blank

Date Collected: 9/23/10 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
83-32-9	Acenaphthene	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
208-96-8	Acenaphthylene	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
98-86-2	Acetophenone	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
120-12-7	Anthracene	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
1912-24-9	Atrazine	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
100-52-7	Benzaldehyde	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
56-55-3	Benzo(a)anthracene	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
50-32-8	Benzo(a)pyrene	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
100-51-6	Benzyl alcohol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
85-68-7	Benzyl butyl phthalate	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
105-60-2	Caprolactam	9.8	U, J, H-7, QL-3	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
86-74-8	Carbazole	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
218-01-9	Chrysene	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
132-64-9	Dibenzofuran	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
84-66-2	Diethyl phthalate	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
131-11-3	Dimethyl phthalate	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
84-74-2	Di-n-butylphthalate	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
117-84-0	Di-n-octylphthalate	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
206-44-0	Fluoranthene	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
86-73-7	Fluorene	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
67-72-1	Hexachloroethane	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: ERB01

Lab ID: E104009-01

Station ID:

Matrix: Equipment Rinse Blank

Date Collected: 9/23/10 13:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
193-39-5	Indeno (1,2,3-cd) pyrene	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
78-59-1	Isophorone	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
91-20-3	Naphthalene	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
98-95-3	Nitrobenzene	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
87-86-5	Pentachlorophenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
85-01-8	Phenanthrene	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
108-95-2	Phenol	9.8	U, J, H-7	ug/L	9.8	10/04/10 6:57	10/13/10 17:44	EPA 8270D
129-00-0	Pyrene	2.0	U, J, H-7	ug/L	2.0	10/04/10 6:57	10/13/10 17:44	EPA 8270D
Tentatively Identified Compounds:								
R4-0000	Tentatively Identified Compounds	10	U	ug/L	10	10/04/10 6:57	10/13/10 17:44	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC01-A

Lab ID: E104009-03

Station ID: HERC01

Matrix: Waste

Date Collected: 9/28/10 10:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	20	J, Q-2	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
92-52-4	1,1-Biphenyl	1600		mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
120-83-2	2,4-Dichlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
105-67-9	2,4-Dimethylphenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
51-28-5	2,4-Dinitrophenol	26	U, R, QM-6	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
121-14-2	2,4-Dinitrotoluene	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
606-20-2	2,6-Dinitrotoluene	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
91-58-7	2-Chloronaphthalene	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
95-57-8	2-Chlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
91-57-6	2-Methylnaphthalene	4.6		mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
95-48-7	2-Methylphenol	7.8	J, Q-2	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
88-74-4	2-Nitroaniline	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
88-75-5	2-Nitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
99-09-2	3-Nitroaniline	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
106-47-8	4-Chloroaniline	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
100-01-6	4-Nitroaniline	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
100-02-7	4-Nitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
83-32-9	Acenaphthene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
208-96-8	Acenaphthylene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
98-86-2	Acetophenone	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
120-12-7	Anthracene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
1912-24-9	Atrazine	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC01-A

Lab ID: E104009-03

Station ID: HERC01

Matrix: Waste

Date Collected: 9/28/10 10:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
56-55-3	Benzo(a)anthracene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
50-32-8	Benzo(a)pyrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
85-68-7	Benzyl butyl phthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
105-60-2	Caprolactam	26	U, R, QM-6	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
86-74-8	Carbazole	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
218-01-9	Chrysene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
132-64-9	Dibenzofuran	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
84-66-2	Diethyl phthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
131-11-3	Dimethyl phthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
84-74-2	Di-n-butylphthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
117-84-0	Di-n-octylphthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
206-44-0	Fluoranthene	11	J, QM-1	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
86-73-7	Fluorene	3.0		mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
87-68-3	Hexachlorobutadiene	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	26	U, J, QM-1	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
67-72-1	Hexachloroethane	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
78-59-1	Isophorone	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
91-20-3	Naphthalene	6.2		mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
98-95-3	Nitrobenzene	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC01-A

Lab ID: E104009-03

Station ID: HERC01

Matrix: Waste

Date Collected: 9/28/10 10:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
87-86-5	Pentachlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
85-01-8	Phenanthrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
108-95-2	Phenol	5.3	I, Q-2	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
129-00-0	Pyrene	16		mg/kg	2.6	10/05/10 12:00	10/09/10 23:16	EPA 8270D
110-86-1	Pyridine	26	U	mg/kg	26	10/05/10 12:00	10/09/10 23:16	EPA 8270D
Tentatively Identified Compounds:								
R4-8000900	(Dimethylethyl)ethoxybenzene (TIC)	100	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-6552	(Menthenol)terpineol (TIC)	90	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-6531	Camphene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-8000904	Cycloisolongifolene (TIC)	80	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-8000535	Diphenyl ether (TIC)	1000	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-8000898	Ethyl(methylethyl)benzene (TIC)	60	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-8000899	Hexahydrotetramethylmethanonaphthalene (TIC)	1000	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-7545	Limonene (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-6584	Methyl(methylethyl)benzene (TIC)	2000	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270B
R4-8000897	Methyl(methylethyl)cyclohexane (TIC)	800	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-6500	Petroleum Product:		N			10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-6520	Pinene (TIC)	500	NJ	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D
R4-6501	Unidentified Compounds	70	J	mg/kg		10/05/10 12:00	10/09/10 23:16	EPA 8270D



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Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC01-A

Lab ID: E104009-03

Station ID: HERC01

Matrix: Waste

Date Collected: 9/28/10 10:10

Table with 10 columns: CAS Number, Analyte, Results, Qualifiers, Units, MRL, Prepared, Analyzed, Method. It lists various chemical analytes such as Methylphenol, Tetrachlorophenol, Trichlorophenol, Dinitrotoluene, and Pyridine with their respective MRL values and analysis dates.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC02-B

Lab ID: E104009-04

Station ID: HERC02

Matrix: Waste

Date Collected: 9/28/10 10:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	50		mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
92-52-4	1,1-Biphenyl	3900		mg/kg	51	10/05/10 12:00	10/09/10 23:51	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
120-83-2	2,4-Dichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
105-67-9	2,4-Dimethylphenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
51-28-5	2,4-Dinitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
121-14-2	2,4-Dinitrotoluene	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
606-20-2	2,6-Dinitrotoluene	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
91-58-7	2-Chloronaphthalene	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
95-57-8	2-Chlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
91-57-6	2-Methylnaphthalene	5.6		mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
95-48-7	2-Methylphenol	4.7	J, Q-2	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
88-74-4	2-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
88-75-5	2-Nitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
99-09-2	3-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
106-47-8	4-Chloroaniline	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
100-01-6	4-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
100-02-7	4-Nitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
83-32-9	Acenaphthene	2.9		mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
208-96-8	Acenaphthylene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
98-86-2	Acetophenone	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
120-12-7	Anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
1912-24-9	Atrazine	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC02-B

Lab ID: E104009-04

Station ID: HERC02

Matrix: Waste

Date Collected: 9/28/10 10:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
56-55-3	Benzo(a)anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
50-32-8	Benzo(a)pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
85-68-7	Benzyl butyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
105-60-2	Caprolactam	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
86-74-8	Carbazole	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
218-01-9	Chrysene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
132-64-9	Dibenzofuran	4.1		mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
84-66-2	Diethyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
131-11-3	Dimethyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
84-74-2	Di-n-butylphthalate	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
117-84-0	Di-n-octylphthalate	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
206-44-0	Fluoranthene	9.8		mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
86-73-7	Fluorene	3.4		mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
87-68-3	Hexachlorobutadiene	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
67-72-1	Hexachloroethane	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
78-59-1	Isophorone	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
91-20-3	Naphthalene	8.8		mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
98-95-3	Nitrobenzene	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC02-B

Lab ID: E104009-04

Station ID: HERC02

Matrix: Waste

Date Collected: 9/28/10 10:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
87-86-5	Pentachlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
85-01-8	Phenanthrene	5.5	J, QL-2	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
108-95-2	Phenol	5.4	J, Q-2	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
129-00-0	Pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/09/10 23:51	EPA 8270D
110-86-1	Pyridine	25	U	mg/kg	25	10/05/10 12:00	10/09/10 23:51	EPA 8270D
Tentatively Identified Compounds:								
R4-8000900	(Dimethylethyl)ethoxybenzene (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/09/10 23:51	EPA 8270D
R4-6552	(Menthenol)terpineol (TIC)	60	NJ	mg/kg		10/05/10 12:00	10/09/10 23:51	EPA 8270D
R4-6531	Camphene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/09/10 23:51	EPA 8270D
R4-8000904	Cycloisolongifolene (TIC)	80	NJ	mg/kg		10/05/10 12:00	10/09/10 23:51	EPA 8270D
R4-8000898	Ethyl(methylethyl)benzene (TIC)	70	NJ	mg/kg		10/05/10 12:00	10/09/10 23:51	EPA 8270D
R4-6584	Methyl(methylethyl)benzene (TIC)	3000	NJ	mg/kg		10/05/10 12:00	10/09/10 23:51	EPA 8270D
R4-8000897	Methyl(methylethyl)cyclohexane (TIC)	600	NJ	mg/kg		10/05/10 12:00	10/09/10 23:51	EPA 8270D
R4-6500	Petroleum Product:		N			10/05/10 12:00	10/09/10 23:51	EPA 8270D
R4-6520	Pinene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/09/10 23:51	EPA 8270D
R4-8000466	Propylphenol (TIC)	50	NJ	mg/kg		10/05/10 12:00	10/09/10 23:51	EPA 8270D
R4-6501	Unidentified Compounds	900	J	mg/kg		10/05/10 12:00	10/09/10 23:51	EPA 8270D



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC02-B

Lab ID: E104009-04

Station ID: HERC02

Matrix: Waste

Date Collected: 9/28/10 10:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D



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D.A.R.T. Id: 10-0629

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Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC03-B

Lab ID: E104009-05

Station ID: HERC03

Matrix: Waste

Date Collected: 9/28/10 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
92-52-4	1,1-Biphenyl	130		mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
120-83-2	2,4-Dichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
105-67-9	2,4-Dimethylphenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
51-28-5	2,4-Dinitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
121-14-2	2,4-Dinitrotoluene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
606-20-2	2,6-Dinitrotoluene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
91-58-7	2-Chloronaphthalene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
95-57-8	2-Chlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
91-57-6	2-Methylnaphthalene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
95-48-7	2-Methylphenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
88-74-4	2-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
88-75-5	2-Nitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
99-09-2	3-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
106-47-8	4-Chloroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
100-01-6	4-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
100-02-7	4-Nitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
83-32-9	Acenaphthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
208-96-8	Acenaphthylene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
98-86-2	Acetophenone	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
120-12-7	Anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
1912-24-9	Atrazine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D



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D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC03-B

Lab ID: E104009-05

Station ID: HERC03

Matrix: Waste

Date Collected: 9/28/10 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
56-55-3	Benzo(a)anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
50-32-8	Benzo(a)pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
85-68-7	Benzyl butyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
105-60-2	Caprolactam	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
86-74-8	Carbazole	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
218-01-9	Chrysene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
132-64-9	Dibenzofuran	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
84-66-2	Diethyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
131-11-3	Dimethyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
84-74-2	Di-n-butylphthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
117-84-0	Di-n-octylphthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
206-44-0	Fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
86-73-7	Fluorene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
87-68-3	Hexachlorobutadiene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
67-72-1	Hexachloroethane	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
78-59-1	Isophorone	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
91-20-3	Naphthalene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
98-95-3	Nitrobenzene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC03-B

Lab ID: E104009-05

Station ID: HERC03

Matrix: Waste

Date Collected: 9/28/10 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
87-86-5	Pentachlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
85-01-8	Phenanthrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
108-95-2	Phenol	8.9	J, Q-2	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D
129-00-0	Pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:06	EPA 8270D
110-86-1	Pyridine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:06	EPA 8270D

Tentatively Identified Compounds:

R4-6603	Dimethylisopropylphenanthrene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/09/10 22:06	EPA 8270D
R4-8000535	Diphenyl ether (TIC)	800	NJ	mg/kg		10/05/10 12:00	10/09/10 22:06	EPA 8270D
R4-8000899	Hexahydrotetramethylmethanonaphthalene (TIC)	600	NJ	mg/kg		10/05/10 12:00	10/09/10 22:06	EPA 8270D
R4-6584	Methyl(methylethyl)benzene (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/09/10 22:06	EPA 8270D
R4-8000897	Methyl(methylethyl)cyclohexane (TIC)	2000	NJ	mg/kg		10/05/10 12:00	10/09/10 22:06	EPA 8270D
R4-6514	Methyl(methylethyl)phenanthrene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/09/10 22:06	EPA 8270D
R4-8000901	Trimethylbicycloheptane (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/09/10 22:06	EPA 8270D
R4-6501	Unidentified Compounds	3000	J	mg/kg		10/05/10 12:00	10/09/10 22:06	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC03-B

Lab ID: E104009-05

Station ID: HERC03

Matrix: Waste

Date Collected: 9/28/10 13:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC04-B

Lab ID: E104009-06

Station ID: HERC04

Matrix: Waste

Date Collected: 9/28/10 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	53		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
92-52-4	1,1-Biphenyl	1800		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
120-83-2	2,4-Dichlorophenol	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
105-67-9	2,4-Dimethylphenol	6.0 J, Q-2		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
51-28-5	2,4-Dinitrophenol	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
121-14-2	2,4-Dinitrotoluene	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
606-20-2	2,6-Dinitrotoluene	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
91-58-7	2-Chloronaphthalene	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
95-57-8	2-Chlorophenol	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
91-57-6	2-Methylnaphthalene	8.4		mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
95-48-7	2-Methylphenol	4.3 J, Q-2		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
88-74-4	2-Nitroaniline	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
88-75-5	2-Nitrophenol	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
99-09-2	3-Nitroaniline	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
106-47-8	4-Chloroaniline	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
100-01-6	4-Nitroaniline	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
100-02-7	4-Nitrophenol	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
83-32-9	Acenaphthene	3.8		mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
208-96-8	Acenaphthylene	2.5 U		mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
98-86-2	Acetophenone	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
120-12-7	Anthracene	2.5 U		mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
1912-24-9	Atrazine	25 U		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC04-B

Lab ID: E104009-06

Station ID: HERC04

Matrix: Waste

Date Collected: 9/28/10 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
56-55-3	Benzo(a)anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
50-32-8	Benzo(a)pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
85-68-7	Benzyl butyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
105-60-2	Caprolactam	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
86-74-8	Carbazole	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
218-01-9	Chrysene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
132-64-9	Dibenzofuran	3.0		mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
84-66-2	Diethyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
131-11-3	Dimethyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
84-74-2	Di-n-butylphthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
117-84-0	Di-n-octylphthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
206-44-0	Fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
86-73-7	Fluorene	2.7		mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
87-68-3	Hexachlorobutadiene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
67-72-1	Hexachloroethane	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
78-59-1	Isophorone	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
91-20-3	Naphthalene	7.8		mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
98-95-3	Nitrobenzene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC04-B

Lab ID: E104009-06

Station ID: HERC04

Matrix: Waste

Date Collected: 9/28/10 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
87-86-5	Pentachlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
85-01-8	Phenanthrene	3.0	J, QL-2	mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
108-95-2	Phenol	71		mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D
129-00-0	Pyrene	3.6		mg/kg	2.5	10/05/10 12:00	10/10/10 0:26	EPA 8270D
110-86-1	Pyridine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 0:26	EPA 8270D

Tentatively Identified Compounds:

R4-6552	(Menthenol)terpineol (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/10/10 0:26	EPA 8270D
R4-6531	Camphene (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/10/10 0:26	EPA 8270D
R4-8000520	Camphor (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 0:26	EPA 8270D
R4-8000903	Chlorotrimethylbicycloheptane (TIC)	100	NJ	mg/kg		10/05/10 12:00	10/10/10 0:26	EPA 8270D
R4-6603	Dimethylisopropylphenanthrene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 0:26	EPA 8270D
R4-8000899	Hexahydrotetramethylmethanonaphthalene (TIC)	1000	NJ	mg/kg		10/05/10 12:00	10/10/10 0:26	EPA 8270D
R4-6500	Petroleum Product		N			10/05/10 12:00	10/10/10 0:26	EPA 8270D
R4-6520	Pinene (TIC)	700	NJ	mg/kg		10/05/10 12:00	10/10/10 0:26	EPA 8270D
R4-8000466	Propylphenol (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 0:26	EPA 8270D
R4-8000901	Trimethylbicycloheptane (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/10/10 0:26	EPA 8270D
R4-6501	Unidentified Compounds	2000	J	mg/kg		10/05/10 12:00	10/10/10 0:26	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC04-B

Lab ID: E104009-06

Station ID: HERC04

Matrix: Waste

Date Collected: 9/28/10 13:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC05-A

Lab ID: E104009-07

Station ID: HERC05

Matrix: Waste

Date Collected: 9/28/10 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3- and/or 4-)Methylphenol	100		mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
92-52-4	1,1-Biphenyl	1200		mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
120-83-2	2,4-Dichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
105-67-9	2,4-Dimethylphenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
51-28-5	2,4-Dinitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
121-14-2	2,4-Dinitrotoluene	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
606-20-2	2,6-Dinitrotoluene	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
91-58-7	2-Chloronaphthalene	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
95-57-8	2-Chlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
91-57-6	2-Methylnaphthalene	14		mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
95-48-7	2-Methylphenol	4.9	J, Q-2	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
88-74-4	2-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
88-75-5	2-Nitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
99-09-2	3-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
106-47-8	4-Chloroaniline	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
100-01-6	4-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
100-02-7	4-Nitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
83-32-9	Acenaphthene	2.8		mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
208-96-8	Acenaphthylene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
98-86-2	Acetophenone	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
120-12-7	Anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
1912-24-9	Atrazine	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC05-A

Lab ID: E104009-07

Station ID: HERC05

Matrix: Waste

Date Collected: 9/28/10 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
56-55-3	Benzo(a)anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
50-32-8	Benzo(a)pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
191-24-2	Benzo(g, h, i)perylene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
85-68-7	Benzyl butyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
105-60-2	Caprolactam	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
86-74-8	Carbazole	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
218-01-9	Chrysene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
53-70-3	Dibenz(a, h)anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
132-64-9	Dibenzofuran	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
84-66-2	Diethyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
131-11-3	Dimethyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
84-74-2	Di-n-butylphthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
117-84-0	Di-n-octylphthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
206-44-0	Fluoranthene	11		mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
86-73-7	Fluorene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
87-68-3	Hexachlorobutadiene	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
67-72-1	Hexachloroethane	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
78-59-1	Isophorone	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
91-20-3	Naphthalene	8.7		mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
98-95-3	Nitrobenzene	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700
 D.A.R.T. Id: 10-0629
 Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC05-A

Lab ID: E104009-07

Station ID: HERC05

Matrix: Waste

Date Collected: 9/28/10 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
87-86-5	Pentachlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
85-01-8	Phenanthrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
108-95-2	Phenol	31		mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
129-00-0	Pyrene	5.7		mg/kg	2.4	10/05/10 12:00	10/10/10 1:01	EPA 8270D
110-86-1	Pyridine	24	U	mg/kg	24	10/05/10 12:00	10/10/10 1:01	EPA 8270D
Tentatively Identified Compounds:								
R4-6552	(Menthenol)terpineol (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-6531	Camphene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-8000903	Chlorotrimethylbicycloheptane (TIC)	100	NJ	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-8000904	Cycloisolongifolene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-6506	Decahydrotrimethylmethylenemethanoazulene (TIC)	400	NJ	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-6603	Dimethylisopropylphenanthrene (TIC)	100	NJ	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-6539	Hexahydrodimethyl(methylethyl)naphthalene (TIC)	400	NJ	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-6500	Petroleum Product:		N			10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-6519	Phenanthrenecarboxylic acid (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-6520	Pinene (TIC)	900	NJ	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-8000901	Trimethylbicycloheptane (TIC)	400	NJ	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D
R4-6501	Unidentified Compounds	700	J	mg/kg		10/05/10 12:00	10/10/10 1:01	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700
 D.A.R.T. Id: 10-0629
 Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC05-A

Lab ID: E104009-07

Station ID: HERC05

Matrix: Waste

Date Collected: 9/28/10 14:05

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC06-B

Lab ID: E104009-08

Station ID: HERC06

Matrix: Waste

Date Collected: 9/28/10 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
92-52-4	1,1-Biphenyl	120		mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
120-83-2	2,4-Dichlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
105-67-9	2,4-Dimethylphenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
51-28-5	2,4-Dinitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
121-14-2	2,4-Dinitrotoluene	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
606-20-2	2,6-Dinitrotoluene	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
91-58-7	2-Chloronaphthalene	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
95-57-8	2-Chlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
91-57-6	2-Methylnaphthalene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
95-48-7	2-Methylphenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
88-74-4	2-Nitroaniline	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
88-75-5	2-Nitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
99-09-2	3-Nitroaniline	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
106-47-8	4-Chloroaniline	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
100-01-6	4-Nitroaniline	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
100-02-7	4-Nitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
83-32-9	Acenaphthene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
208-96-8	Acenaphthylene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
98-86-2	Acetophenone	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
120-12-7	Anthracene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
1912-24-9	Atrazine	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC06-B

Lab ID: E104009-08

Station ID: HERC06

Matrix: Waste

Date Collected: 9/28/10 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
56-55-3	Benzo(a)anthracene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
50-32-8	Benzo(a)pyrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
85-68-7	Benzyl butyl phthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
105-60-2	Caprolactam	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
86-74-8	Carbazole	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
218-01-9	Chrysene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
132-64-9	Dibenzofuran	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
84-66-2	Diethyl phthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
131-11-3	Dimethyl phthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
84-74-2	Di-n-butylphthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
117-84-0	Di-n-octylphthalate	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
206-44-0	Fluoranthene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
86-73-7	Fluorene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
87-68-3	Hexachlorobutadiene	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
67-72-1	Hexachloroethane	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
78-59-1	Isophorone	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
91-20-3	Naphthalene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
98-95-3	Nitrobenzene	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC06-B

Lab ID: E104009-08

Station ID: HERC06

Matrix: Waste

Date Collected: 9/28/10 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
87-86-5	Pentachlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
85-01-8	Phenanthrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
108-95-2	Phenol	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
129-00-0	Pyrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/09/10 20:56	EPA 8270D
110-86-1	Pyridine	26	U	mg/kg	26	10/05/10 12:00	10/09/10 20:56	EPA 8270D
Tentatively Identified Compounds:								
R4-6603	Dimethylisopropylphenanthrene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/09/10 20:56	EPA 8270D
R4-8000535	Diphenyl ether (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/09/10 20:56	EPA 8270D
R4-8000899	Hexahydrotetramethylmethanonaphthalene (TIC)	2000	NJ	mg/kg		10/05/10 12:00	10/09/10 20:56	EPA 8270D
R4-6500	Petroleum Product:		N			10/05/10 12:00	10/09/10 20:56	EPA 8270D
R4-6501	Unidentified Compounds	6000	J	mg/kg		10/05/10 12:00	10/09/10 20:56	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC06-B

Lab ID: E104009-08

Station ID: HERC06

Matrix: Waste

Date Collected: 9/28/10 14:55

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC07-B

Lab ID: E104009-09

Station ID: HERC07

Matrix: Waste

Date Collected: 9/28/10 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	78		mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
92-52-4	1,1-Biphenyl	330		mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
120-83-2	2,4-Dichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
105-67-9	2,4-Dimethylphenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
51-28-5	2,4-Dinitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
121-14-2	2,4-Dinitrotoluene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
606-20-2	2,6-Dinitrotoluene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
91-58-7	2-Chloronaphthalene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
95-57-8	2-Chlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
91-57-6	2-Methylnaphthalene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
95-48-7	2-Methylphenol	17	J, Q-2	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
88-74-4	2-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
88-75-5	2-Nitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
99-09-2	3-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
106-47-8	4-Chloroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
100-01-6	4-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
100-02-7	4-Nitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
83-32-9	Acenaphthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
208-96-8	Acenaphthylene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
98-86-2	Acetophenone	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
120-12-7	Anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
1912-24-9	Atrazine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC07-B

Lab ID: E104009-09

Station ID: HERC07

Matrix: Waste

Date Collected: 9/28/10 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
56-55-3	Benzo(a)anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
50-32-8	Benzo(a)pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
85-68-7	Benzyl butyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
105-60-2	Caprolactam	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
86-74-8	Carbazole	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
218-01-9	Chrysene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
132-64-9	Dibenzofuran	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
84-66-2	Diethyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
131-11-3	Dimethyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
84-74-2	Di-n-butylphthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
117-84-0	Di-n-octylphthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
206-44-0	Fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
86-73-7	Fluorene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
87-68-3	Hexachlorobutadiene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
67-72-1	Hexachloroethane	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
78-59-1	Isophorone	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
91-20-3	Naphthalene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
98-95-3	Nitrobenzene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700
 D.A.R.T. Id: 10-0629
 Project: 10-0629, Hercules Inc.; Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC07-B

Lab ID: E104009-09

Station ID: HERC07

Matrix: Waste

Date Collected: 9/28/10 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
87-86-5	Pentachlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
85-01-8	Phenanthrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
108-95-2	Phenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
129-00-0	Pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 21:31	EPA 8270D
110-86-1	Pyridine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 21:31	EPA 8270D
Tentatively Identified Compounds:								
R4-6603	Dimethylisopropylphenanthrene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/09/10 21:31	EPA 8270D
R4-8000535	Diphenyl ether (TIC)	600	NJ	mg/kg		10/05/10 12:00	10/09/10 21:31	EPA 8270D
R4-8000899	Hexahydrotetramethylmethanonaphthalene (TIC)	1000	NJ	mg/kg		10/05/10 12:00	10/09/10 21:31	EPA 8270D
R4-6500	Petroleum Product:		N			10/05/10 12:00	10/09/10 21:31	EPA 8270D
R4-6501	Unidentified Compounds	5000	J	mg/kg		10/05/10 12:00	10/09/10 21:31	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC07-B

Lab ID: E104009-09

Station ID: HERC07

Matrix: Waste

Date Collected: 9/28/10 15:25

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC08

Lab ID: E104009-10

Station ID: HERC08

Matrix: Waste

Date Collected: 9/29/10 8:50

C4S Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
92-52-4	1,1-Biphenyl	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
120-83-2	2,4-Dichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
105-67-9	2,4-Dimethylphenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
51-28-5	2,4-Dinitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
121-14-2	2,4-Dinitrotoluene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
606-20-2	2,6-Dinitrotoluene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
91-58-7	2-Chloronaphthalene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
95-57-8	2-Chlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
91-57-6	2-Methylnaphthalene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
95-48-7	2-Methylphenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
88-74-4	2-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
88-75-5	2-Nitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
99-09-2	3-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
106-47-8	4-Chloroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
100-01-6	4-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
100-02-7	4-Nitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
83-32-9	Acenaphthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
208-96-8	Acenaphthylene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
98-86-2	Acetophenone	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
120-12-7	Anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
1912-24-9	Atrazine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division

980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC08

Lab ID: E104009-10

Station ID: HERC08

Matrix: Waste

Date Collected: 9/29/10 8:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
56-55-3	Benzo(a)anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
50-32-8	Benzo(a)pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
85-68-7	Benzyl butyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA-8270D
39638-32-9	Bis(2-chloroisopropyl) ether	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
105-60-2	Caprolactam	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
86-74-8	Carbazole	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
218-01-9	Chrysene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
132-64-9	Dibenzofuran	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
84-66-2	Diethyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
131-11-3	Dimethyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
84-74-2	Di-n-butylphthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
117-84-0	Di-n-octylphthalate	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
206-44-0	Fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
86-73-7	Fluorene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
87-68-3	Hexachlorobutadiene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
67-72-1	Hexachloroethane	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
78-59-1	Isophorone	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
91-20-3	Naphthalene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
98-95-3	Nitrobenzene	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC08

Lab ID: E104009-10

Station ID: HERC08

Matrix: Waste

Date Collected: 9/29/10 8:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
87-86-5	Pentachlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
85-01-8	Phenanthrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
108-95-2	Phenol	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D
129-00-0	Pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/09/10 22:41	EPA 8270D
110-86-1	Pyridine	24	U	mg/kg	24	10/05/10 12:00	10/09/10 22:41	EPA 8270D

Tentatively Identified Compounds:

R4-6558	Bis(methylethyl)biphenyl (TIC)	70	NJ	mg/kg		10/05/10 12:00	10/09/10 22:41	EPA 8270D
R4-6603	Dimethylisopropylphenanthrene (TIC)	400	NJ	mg/kg		10/05/10 12:00	10/09/10 22:41	EPA 8270D
R4-8000899	Hexahydrotetramethylmethanonaphthalene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/09/10 22:41	EPA 8270D
R4-6500	Petroleum Product:		N			10/05/10 12:00	10/09/10 22:41	EPA 8270D
R4-6501	Unidentified Compounds	2000	J	mg/kg		10/05/10 12:00	10/09/10 22:41	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: **HERC08**

Lab ID: **E104009-10**

Station ID: **HERC08**

Matrix: Waste

Date Collected: 9/29/10 8:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC09-B

Lab ID: E104009-11

Station ID: HERC09

Matrix: Waste

Date Collected: 9/29/10 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
92-52-4	1,1-Biphenyl	290		mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
120-83-2	2,4-Dichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
105-67-9	2,4-Dimethylphenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
51-28-5	2,4-Dinitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
121-14-2	2,4-Dinitrotoluene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
606-20-2	2,6-Dinitrotoluene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
91-58-7	2-Chloronaphthalene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
95-57-8	2-Chlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
91-57-6	2-Methylnaphthalene	2.6		mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
95-48-7	2-Methylphenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
88-74-4	2-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
88-75-5	2-Nitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
99-09-2	3-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
106-47-8	4-Chloroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
100-01-6	4-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
100-02-7	4-Nitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
83-32-9	Acenaphthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
208-96-8	Acenaphthylene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
98-86-2	Acetophenone	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
120-12-7	Anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
1912-24-9	Atrazine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC09-B

Lab ID: E104009-11

Station ID: HERC09

Matrix: Waste

Date Collected: 9/29/10 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
56-55-3	Benzo(a)anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
50-32-8	Benzo(a)pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
85-68-7	Benzyl butyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
105-60-2	Caprolactam	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
86-74-8	Carbazole	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
218-01-9	Chrysene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
132-64-9	Dibenzofuran	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
84-66-2	Diethyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
131-11-3	Dimethyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
84-74-2	Di-n-butylphthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
117-84-0	Di-n-octylphthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
206-44-0	Fluoranthene	6.8		mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
86-73-7	Fluorene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
87-68-3	Hexachlorobutadiene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
67-72-1	Hexachloroethane	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
78-59-1	Isophorone	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
91-20-3	Naphthalene	3.1		mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
98-95-3	Nitrobenzene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC09-B

Lab ID: E104009-11

Station ID: HERC09

Matrix: Waste

Date Collected: 9/29/10 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
87-86-5	Pentachlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
85-01-8	Phenanthrene	3.1	J, QL-2	mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
108-95-2	Phenol	7.2	J, Q-2	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D
129-00-0	Pyrene	3.5		mg/kg	2.5	10/05/10 12:00	10/10/10 1:37	EPA 8270D
110-86-1	Pyridine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 1:37	EPA 8270D

Tentatively Identified Compounds:

R4-8000682	(Dimethylethyl)methylphenol (TIC)	100	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-6531	Camphene (TIC)	100	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-6506	Decahydrotrimethylmethylenemethanoazulene (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-6603	Dimethylisopropylphenanthrene (TIC)	400	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-8000535	Diphenyl ether (TIC)	1000	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-8000899	Hexahydrotetramethylmethanonaphthalene (TIC)	2000	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-8000907	Menthene (TIC)	600	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-6584	Methyl(methylethyl)benzene (TIC)	700	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-8000897	Methyl(methylethyl)cyclohexane (TIC)	1000	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-8000906	Methyl(methylethyl)cyclohexene (TIC)	100	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-6500	Petroleum Product		N			10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-8000901	Trimethylbicycloheptane (TIC)	100	NJ	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D
R4-6501	Unidentified Compounds	1000	J	mg/kg		10/05/10 12:00	10/10/10 1:37	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC09-B

Lab ID: E104009-11

Station ID: HERC09

Matrix: Waste

Date Collected: 9/29/10 14:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: **HERC10-B**

Lab ID: **E104009-12**

Station ID: **HERC10**

Matrix: **Waste**

Date Collected: **9/29/10 14:15**

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
92-52-4	1,1-Biphenyl	1600		mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
120-83-2	2,4-Dichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
105-67-9	2,4-Dimethylphenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
51-28-5	2,4-Dinitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
121-14-2	2,4-Dinitrotoluene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
606-20-2	2,6-Dinitrotoluene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
91-58-7	2-Chloronaphthalene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
95-57-8	2-Chlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
91-57-6	2-Methylnaphthalene	4.6		mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
95-48-7	2-Methylphenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
88-74-4	2-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
88-75-5	2-Nitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
99-09-2	3-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
106-47-8	4-Chloroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
100-01-6	4-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
100-02-7	4-Nitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
83-32-9	Acenaphthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
208-96-8	Acenaphthylene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
98-86-2	Acetophenone	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
120-12-7	Anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
1912-24-9	Atrazine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC10-B

Lab ID: E104009-12

Station ID: HERC10

Matrix: Waste

Date Collected: 9/29/10 14:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
56-55-3	Benzo(a)anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
50-32-8	Benzo(a)pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
85-68-7	Benzyl butyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
105-60-2	Caprolactam	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
86-74-8	Carbazole	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
218-01-9	Chrysene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
132-64-9	Dibenzofuran	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
84-66-2	Diethyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
131-11-3	Dimethyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
84-74-2	Di-n-butylphthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
117-84-0	Di-n-octylphthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
206-44-0	Fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
86-73-7	Fluorene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
87-68-3	Hexachlorobutadiene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
67-72-1	Hexachloroethane	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
78-59-1	Isophorone	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
91-20-3	Naphthalene	6.7		mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
98-95-3	Nitrobenzene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700
 D.A.R.T. Id: 10-0629
 Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC10-B

Lab ID: E104009-12

Station ID: HERC10

Matrix: Waste

Date Collected: 9/29/10 14:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
87-86-5	Pentachlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
85-01-8	Phenanthrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
108-95-2	Phenol	18	J, Q-2	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D
129-00-0	Pyrene	3.4		mg/kg	2.5	10/05/10 12:00	10/10/10 2:12	EPA 8270D
110-86-1	Pyridine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:12	EPA 8270D

Tentatively Identified Compounds:

R4-6552	(Menthenol)terpineol (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 2:12	EPA 8270D
R4-6583	(Methylpropyl)benzene (TIC)	90	NJ	mg/kg		10/05/10 12:00	10/10/10 2:12	EPA 8270D
R4-6531	Camphene (TIC)	1000	NJ	mg/kg		10/05/10 12:00	10/10/10 2:12	EPA 8270D
R4-8000535	Diphenyl ether (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 2:12	EPA 8270D
R4-6584	Methyl(methylethyl)benzene (TIC)	7000	NJ	mg/kg		10/05/10 12:00	10/10/10 2:12	EPA 8270D
R4-8000897	Methyl(methylethyl)cyclohexane (TIC)	4000	NJ	mg/kg		10/05/10 12:00	10/10/10 2:12	EPA 8270D
R4-6500	Petroleum Product:		N			10/05/10 12:00	10/10/10 2:12	EPA 8270D
R4-6520	Pinene (TIC)	2000	NJ	mg/kg		10/05/10 12:00	10/10/10 2:12	EPA 8270D
R4-8000466	Propylphenol (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 2:12	EPA 8270D
R4-8000901	Trimethylbicycloheptane (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 2:12	EPA 8270D
R4-6501	Unidentified Compounds	2000	J	mg/kg		10/05/10 12:00	10/10/10 2:12	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC10-B

Lab ID: E104009-12

Station ID: HERC10

Matrix: Waste

Date Collected: 9/29/10 14:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC11-B

Lab ID: E104009-13

Station ID: HERC11

Matrix: Waste

Date Collected: 9/29/10 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	13	J, Q-2	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
92-52-4	1,1-Biphenyl	480		mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
120-83-2	2,4-Dichlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
105-67-9	2,4-Dimethylphenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
51-28-5	2,4-Dinitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
121-14-2	2,4-Dinitrotoluene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
606-20-2	2,6-Dinitrotoluene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
91-58-7	2-Chloronaphthalene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
95-57-8	2-Chlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
91-57-6	2-Methylnaphthalene	2.6		mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
95-48-7	2-Methylphenol	3.8	J, Q-2	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
88-74-4	2-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
88-75-5	2-Nitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
99-09-2	3-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
106-47-8	4-Chloroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
100-01-6	4-Nitroaniline	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
100-02-7	4-Nitrophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
83-32-9	Acenaphthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
208-96-8	Acenaphthylene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
98-86-2	Acetophenone	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
120-12-7	Anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
1912-24-9	Atrazine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC11-B

Lab ID: E104009-13

Station ID: HERC11

Matrix: Waste

Date Collected: 9/29/10 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
56-55-3	Benzo(a)anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
50-32-8	Benzo(a)pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
85-68-7	Benzyl butyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
105-60-2	Caprolactam	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
86-74-8	Carbazole	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
218-01-9	Chrysene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
132-64-9	Dibenzofuran	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
84-66-2	Diethyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
131-11-3	Dimethyl phthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
84-74-2	Di-n-butylphthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
117-84-0	Di-n-octylphthalate	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
206-44-0	Fluoranthene	10		mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
86-73-7	Fluorene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
87-68-3	Hexachlorobutadiene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
67-72-1	Hexachloroethane	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.5	U	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
78-59-1	Isophorone	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
91-20-3	Naphthalene	3.3		mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
98-95-3	Nitrobenzene	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC11-B

Lab ID: E104009-13

Station ID: HERC11

Matrix: Waste

Date Collected: 9/29/10 14:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
87-86-5	Pentachlorophenol	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
85-01-8	Phenanthrene	5.0	J, QL-2	mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
108-95-2	Phenol	6.2	J, Q-2	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
129-00-0	Pyrene	4.8		mg/kg	2.5	10/05/10 12:00	10/10/10 2:48	EPA 8270D
110-86-1	Pyridine	25	U	mg/kg	25	10/05/10 12:00	10/10/10 2:48	EPA 8270D
Tentatively Identified Compounds:								
R4-8000682	(Dimethylethyl)methylphenol (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 2:48	EPA 8270D
R4-6531	Camphene (TIC)	100	NJ	mg/kg		10/05/10 12:00	10/10/10 2:48	EPA 8270D
R4-6603	Dimethylisopropylphenanthrene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 2:48	EPA 8270D
R4-8000899	Hexahydro-tetramethylmethanonaphthalene (TIC)	1000	NJ	mg/kg		10/05/10 12:00	10/10/10 2:48	EPA 8270D
R4-8000907	Menthene (TIC)	100	NJ	mg/kg		10/05/10 12:00	10/10/10 2:48	EPA 8270D
R4-6584	Methyl(methylethyl)benzene (TIC)	700	NJ	mg/kg		10/05/10 12:00	10/10/10 2:48	EPA 8270D
R4-8000897	Methyl(methylethyl)cyclohexane (TIC)	2000	NJ	mg/kg		10/05/10 12:00	10/10/10 2:48	EPA 8270D
R4-6500	Petroleum Product:		N			10/05/10 12:00	10/10/10 2:48	EPA 8270D
R4-6520	Pinene (TIC)	100	NJ	mg/kg		10/05/10 12:00	10/10/10 2:48	EPA 8270D
R4-8000901	Trimethylbicycloheptane (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 2:48	EPA 8270D
R4-6501	Unidentified Compounds	2000	J	mg/kg		10/05/10 12:00	10/10/10 2:48	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC11-B

Lab ID: E104009-13

Station ID: HERC11

Matrix: Waste

Date Collected: 9/29/10 14:30

Table with 9 columns: CAS Number, Analyte, Results, Qualifiers, Units, MRL, Prepared, Analyzed, Method. Rows list various chemical analytes such as Methylphenol, Tetrachlorophenol, Trichlorophenol, etc., with their respective results and MRL values.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC12-B

Lab ID: E104009-14

Station ID: HERC12

Matrix: Waste

Date Collected: 9/29/10 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	3.1	J, Q-2	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
92-52-4	1,1-Biphenyl	500		mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
120-83-2	2,4-Dichlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
105-67-9	2,4-Dimethylphenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
51-28-5	2,4-Dinitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
121-14-2	2,4-Dinitrotoluene	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
606-20-2	2,6-Dinitrotoluene	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
91-58-7	2-Chloronaphthalene	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
95-57-8	2-Chlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
91-57-6	2-Methylnaphthalene	3.5		mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
95-48-7	2-Methylphenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
88-74-4	2-Nitroaniline	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
88-75-5	2-Nitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
99-09-2	3-Nitroaniline	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
106-47-8	4-Chloroaniline	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
100-01-6	4-Nitroaniline	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
100-02-7	4-Nitrophenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
83-32-9	Acenaphthene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
208-96-8	Acenaphthylene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
98-86-2	Acetophenone	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
120-12-7	Anthracene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
1912-24-9	Atrazine	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC12-B

Lab ID: E104009-14

Station ID: HERC12

Matrix: Waste

Date Collected: 9/29/10 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
56-55-3	Benzo(a)anthracene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
50-32-8	Benzo(a)pyrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
85-68-7	Benzyl butyl phthalate	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
105-60-2	Caprolactam	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
86-74-8	Carbazole	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
218-01-9	Chrysene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
132-64-9	Dibenzofuran	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
84-66-2	Diethyl phthalate	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
131-11-3	Dimethyl phthalate	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
84-74-2	Di-n-butylphthalate	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
117-84-0	Di-n-octylphthalate	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
206-44-0	Fluoranthene	9.5		mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
86-73-7	Fluorene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
87-68-3	Hexachlorobutadiene	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
67-72-1	Hexachloroethane	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
78-59-1	Isophorone	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
91-20-3	Naphthalene	3.9		mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
98-95-3	Nitrobenzene	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC12-B

Lab ID: E104009-14

Station ID: HERC12

Matrix: Waste

Date Collected: 9/29/10 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
87-86-5	Pentachlorophenol	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
85-01-8	Phenanthrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
108-95-2	Phenol	15	J, Q-2	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D
129-00-0	Pyrene	2.6	U	mg/kg	2.6	10/05/10 12:00	10/10/10 3:24	EPA 8270D
110-86-1	Pyridine	26	U	mg/kg	26	10/05/10 12:00	10/10/10 3:24	EPA 8270D

Tentatively Identified Compounds:

R4-6531	Camphene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 3:24	EPA 8270D
R4-6603	Dimethylisopropylphenanthrene (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/10/10 3:24	EPA 8270D
R4-8000535	Diphenyl ether (TIC)	2000	NJ	mg/kg		10/05/10 12:00	10/10/10 3:24	EPA 8270D
R4-8000899	Hexahydrotetramethylmethanonaphthalene (TIC)	500	NJ	mg/kg		10/05/10 12:00	10/10/10 3:24	EPA 8270D
R4-6584	Methyl(methylethyl)benzene (TIC)	3000	NJ	mg/kg		10/05/10 12:00	10/10/10 3:24	EPA 8270D
R4-8000897	Methyl(methylethyl)cyclohexane (TIC)	2000	NJ	mg/kg		10/05/10 12:00	10/10/10 3:24	EPA 8270D
R4-8000906	Methyl(methylethyl)cyclohexene (TIC)	80	NJ	mg/kg		10/05/10 12:00	10/10/10 3:24	EPA 8270D
R4-6500	Petroleum Product:		N			10/05/10 12:00	10/10/10 3:24	EPA 8270D
R4-8000466	Propylphenol (TIC)	300	NJ	mg/kg		10/05/10 12:00	10/10/10 3:24	EPA 8270D
R4-8000901	Trimethylbicycloheptane (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 3:24	EPA 8270D
R4-6501	Unidentified Compounds	1000	J	mg/kg		10/05/10 12:00	10/10/10 3:24	EPA 8270D



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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 980 College Station Road, Athens, Georgia 30605-2700

D.A.R.T. Id: 10-0629

Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC12-B

Lab ID: E104009-14

Station ID: HERC12

Matrix: Waste

Date Collected: 9/29/10 14:50

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D



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 Region 4 Science and Ecosystem Support Division
 980 College Station Road, Athens, Georgia 30605-2700
 D.A.R.T. Id: 10-0629
 Project: 10-0629, Hercules Inc - Reported by Janet Muse

Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC13-B

Lab ID: E104009-15

Station ID: HERC13

Matrix: Waste

Date Collected: 9/29/10 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol	18	J, Q-2	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
92-52-4	1,1-Biphenyl	1500		mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
95-95-4	2,4,5-Trichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
88-06-2	2,4,6-Trichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
120-83-2	2,4-Dichlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
105-67-9	2,4-Dimethylphenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
51-28-5	2,4-Dinitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
121-14-2	2,4-Dinitrotoluene	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
606-20-2	2,6-Dinitrotoluene	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
91-58-7	2-Chloronaphthalene	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
95-57-8	2-Chlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
534-52-1	2-Methyl-4,6-dinitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
91-57-6	2-Methylnaphthalene	4.1		mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
95-48-7	2-Methylphenol	4.0	J, Q-2	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
88-74-4	2-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
88-75-5	2-Nitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
91-94-1	3,3'-Dichlorobenzidine	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
99-09-2	3-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
101-55-3	4-Bromophenyl phenyl ether	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
59-50-7	4-Chloro-3-methylphenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
106-47-8	4-Chloroaniline	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
7005-72-3	4-Chlorophenyl phenyl ether	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
100-01-6	4-Nitroaniline	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
100-02-7	4-Nitrophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
83-32-9	Acenaphthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
208-96-8	Acenaphthylene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
98-86-2	Acetophenone	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
120-12-7	Anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
1912-24-9	Atrazine	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D



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Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC13-B

Lab ID: E104009-15

Station ID: HERC13

Matrix: Waste

Date Collected: 9/29/10 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
100-52-7	Benzaldehyde	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
56-55-3	Benzo(a)anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
50-32-8	Benzo(a)pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
205-99-2	Benzo(b)fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
191-24-2	Benzo(g,h,i)perylene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
207-08-9	Benzo(k)fluoranthene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
85-68-7	Benzyl butyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
111-91-1	Bis(2-chloroethoxy)methane	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
111-44-4	bis(2-Chloroethyl) Ether	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
39638-32-9	Bis(2-chloroisopropyl) ether	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
117-81-7	Bis(2-ethylhexyl) phthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
105-60-2	Caprolactam	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
86-74-8	Carbazole	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
218-01-9	Chrysene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
53-70-3	Dibenz(a,h)anthracene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
132-64-9	Dibenzofuran	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
84-66-2	Diethyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
131-11-3	Dimethyl phthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
84-74-2	Di-n-butylphthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
117-84-0	Di-n-octylphthalate	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
206-44-0	Fluoranthene	7.0		mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
86-73-7	Fluorene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
118-74-1	Hexachlorobenzene (HCB)	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
87-68-3	Hexachlorobutadiene	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
77-47-4	Hexachlorocyclopentadiene (HCCP)	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
67-72-1	Hexachloroethane	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
193-39-5	Indeno (1,2,3-cd) pyrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
78-59-1	Isophorone	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
91-20-3	Naphthalene	5.2		mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
98-95-3	Nitrobenzene	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
621-64-7	n-Nitroso di-n-Propylamine	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D



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Semi Volatile Organics

Project: 10-0629, Hercules Inc

Sample ID: HERC13-B

Lab ID: E104009-15

Station ID: HERC13

Matrix: Waste

Date Collected: 9/29/10 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
122-39-4	n-Nitrosodiphenylamine/Diphenylamine	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
87-86-5	Pentachlorophenol	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
85-01-8	Phenanthrene	2.4	U	mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
108-95-2	Phenol	28		mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D
129-00-0	Pyrene	3.1		mg/kg	2.4	10/05/10 12:00	10/10/10 4:00	EPA 8270D
110-86-1	Pyridine	24	U	mg/kg	24	10/05/10 12:00	10/10/10 4:00	EPA 8270D

Tentatively Identified Compounds:

R4-6552	(Menthenol)terpineol (TIC)	400	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-6531	Camphene (TIC)	1000	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-6603	Dimethylisopropylphenanthrene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-8000535	Diphenyl ether (TIC)	5000	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-8000899	Hexahydrotetramethylmethanonaphthalene (TIC)	1000	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-6584	Methyl(methylethyl)benzene (TIC)	7000	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-8000897	Methyl(methylethyl)cyclohexane (TIC)	4000	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-8000906	Methyl(methylethyl)cyclohexene (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-6520	Pinene (TIC)	2000	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-8000466	Propylphenol (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-8000901	Trimethylbicycloheptane (TIC)	200	NJ	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D
R4-6501	Unidentified Compounds	2000	J	mg/kg		10/05/10 12:00	10/10/10 4:00	EPA 8270D



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Project: 10-0629, Hercules Inc - Reported by Janet Muse

TCLP SemiVolatiles

Project: 10-0629, Hercules Inc

Sample ID: HERC13-B

Lab ID: E104009-15

Station ID: HERC13

Matrix: Waste

Date Collected: 9/29/10 15:10

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
1319-77-3	(3-and/or 4-)Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
58-90-2	2,3,4,6-Tetrachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-95-4	2,4,5-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
88-06-2	2,4,6-Trichlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
121-14-2	2,4-Dinitrotoluene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
95-48-7	2-Methylphenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
118-74-1	Hexachlorobenzene (HCB):		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-68-3	Hexachlorobutadiene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
67-72-1	Hexachloroethane:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
98-95-3	Nitrobenzene:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
87-86-5	Pentachlorophenol:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D
110-86-1	Pyridine:		NA-5		0.10	10/05/10 9:44	10/09/10 14:04	EPA 8270D

End of Report

