



ANALYTICAL REPORT

Job Number: 680-42572-1

Job Description: Hercules Hattiesburg 4Q08

For:

Hercules Inc.
Research Center - Bldg 8139/15
500 Hercules Road
Wilmington, DE 19808-1599
Attention: Mr. Timothy Hassett



Approved for release
Lidya Gulizia
Project Manager I
12/15/2008 5:04 PM

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Project Manager I
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12/15/2008

cc: Mr. Charles Coney

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Job Narrative
680-J42572-1

Receipt

Method(s) 8260B: The following sample(s) was received with headspace in the sample vial: HER-MW05-111908 (680-42572-15), HER-MW14-112008 (680-42572-25). Three of three vials contain headspace for both IDs.

All other samples were received in good condition within temperature requirements.

GC/MS VOA

No analytical or quality issues were noted.

Comments

No additional comments.

METHOD SUMMARY

Client: Hercules Inc.

Job Number: 680-42572-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL SAV	SW846 8260B	
Purge and Trap	TAL SAV		SW846 5030B

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

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

METHOD / ANALYST SUMMARY

Client: Hercules Inc.

Job Number: 680-42572-1

Method	Analyst	Analyst ID
SW846 8260B	Bearden, Robert	RB
SW846 8260B	Lui, Chung	CL
SW846 8260B	Sokolin, Eleina	ES

SAMPLE SUMMARY

Client: Hercules Inc.

Job Number: 680-42572-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-42572-1RB	HER-RS1-111808	Water	11/18/2008 1325	11/22/2008 0950
680-42572-2	HER-CM05-111808	Water	11/18/2008 1330	11/22/2008 0950
680-42572-3	HER-CM04-111808	Water	11/18/2008 1350	11/22/2008 0950
680-42572-4	HER-CM03-111808	Water	11/18/2008 1410	11/22/2008 0950
680-42572-5	HER-CM02-111808	Water	11/18/2008 1425	11/22/2008 0950
680-42572-6	HER-CM01-111808	Water	11/18/2008 1437	11/22/2008 0950
680-42572-7	HER-CM00-111808	Water	11/18/2008 1455	11/22/2008 0950
680-42572-8	HER-MW03-111908	Water	11/19/2008 0927	11/22/2008 0950
680-42572-9	HER-MW02-111908	Water	11/19/2008 1034	11/22/2008 0950
680-42572-9MS	HER-MW02-111908	Water	11/19/2008 1034	11/22/2008 0950
680-42572-9MSD	HER-MW02-111908	Water	11/19/2008 1034	11/22/2008 0950
680-42572-10RB	HER-RS2-111908	Water	11/19/2008 1057	11/22/2008 0950
680-42572-11	HER-MW10-111908	Water	11/19/2008 1221	11/22/2008 0950
680-42572-12	HER-MW11-111908	Water	11/19/2008 1428	11/22/2008 0950
680-42572-13	HER-MW04-111908	Water	11/19/2008 1515	11/22/2008 0950
680-42572-14FD	HER-FD01-111908	Water	11/19/2008 1515	11/22/2008 0950
680-42572-15	HER-MW05-111908	Water	11/19/2008 1639	11/22/2008 0950
680-42572-16	HER-MW12-112008	Water	11/20/2008 0906	11/22/2008 0950
680-42572-17RB	HER-RS03-112008	Water	11/20/2008 0925	11/22/2008 0950
680-42572-18	HER-MW06-112008	Water	11/20/2008 0953	11/22/2008 0950
680-42572-19	HER-MW18-112008	Water	11/20/2008 1037	11/22/2008 0950
680-42572-20FD	HER-FD02-112008	Water	11/20/2008 0000	11/22/2008 0950
680-42572-21	HER-MW19-112008	Water	11/20/2008 1129	11/22/2008 0950
680-42572-22	HER-MW07-112008	Water	11/20/2008 1323	11/22/2008 0950
680-42572-22MS	HER-MW07-112008	Water	11/20/2008 1323	11/22/2008 0950
680-42572-22MSD	HER-MW07-112008	Water	11/20/2008 1323	11/22/2008 0950
680-42572-23	HER-MW16-112008	Water	11/20/2008 1415	11/22/2008 0950
680-42572-24	HER-MW15-112008	Water	11/20/2008 1455	11/22/2008 0950
680-42572-25	HER-MW14-112008	Water	11/20/2008 1529	11/22/2008 0950
680-42572-26	HER-MW13-112008	Water	11/20/2008 1629	11/22/2008 0950
680-42572-27	HER-MW09-112108	Water	11/21/2008 0908	11/22/2008 0950
680-42572-28	HER-MW08-112108	Water	11/21/2008 0957	11/22/2008 0950
680-42572-29	HER-MW17-112108	Water	11/21/2008 1040	11/22/2008 0950
680-42572-30TB	TRIP BLANK	Water	11/21/2008 0000	11/22/2008 0950

SAMPLE RESULTS

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-RS1-111808

Lab Sample ID: 680-42572-1RB

Date Sampled: 11/18/2008 1325

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a384.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1237

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1237

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

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-RS1-111808

Lab Sample ID: 680-42572-1RB

Client Matrix: Water

Date Sampled: 11/18/2008 1325

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a384.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1237

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1237

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	100		75 - 120
Dibromofluoromethane	102		75 - 121
Toluene-d8 (Surr)	96		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-CM05-111808

Lab Sample ID: 680-42572-2

Date Sampled: 11/18/2008 1330

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-123846	Instrument ID:	GC/MS Volatiles - A C2
Preparation:	5030B		Lab File ID:	a386.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	11/25/2008 1307		Final Weight/Volume:	5 mL
Date Prepared:	11/25/2008 1307			

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

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-CM05-111808

Lab Sample ID: 680-42572-2

Date Sampled: 11/18/2008 1330

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a386.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1307

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1307

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	98		75 - 120
Dibromofluoromethane	104		75 - 121
Toluene-d8 (Surr)	98		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-CM04-111808

Lab Sample ID: 680-42572-3

Date Sampled: 11/18/2008 1350

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a388.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1336

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1336

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

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-CM04-111808

Lab Sample ID: 680-42572-3

Date Sampled: 11/18/2008 1350

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a388.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1336

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1336

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	95		75 - 120
Dibromofluoromethane	104		75 - 121
Toluene-d8 (Surr)	97		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-CM03-111808

Lab Sample ID: 680-42572-4

Date Sampled: 11/18/2008 1410

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a390.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1405

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1405

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

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-CM03-111808

Lab Sample ID: 680-42572-4

Date Sampled: 11/18/2008 1410

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a390.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1405

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1405

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	99		75 - 120
Dibromofluoromethane	102		75 - 121
Toluene-d8 (Surr)	98		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-CM02-111808

Lab Sample ID: 680-42572-5

Date Sampled: 11/18/2008 1425

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a392.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1435

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1435

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

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-CM02-111808

Lab Sample ID: 680-42572-5

Date Sampled: 11/18/2008 1425

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a392.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1435

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1435

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	97		75 - 120
Dibromofluoromethane	100		75 - 121
Toluene-d8 (Surr)	97		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-CM01-111808

Lab Sample ID: 680-42572-6

Date Sampled: 11/18/2008 1437

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a394.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1504

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1504

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

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-CM01-111808

Lab Sample ID: 680-42572-6

Date Sampled: 11/18/2008 1437

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a394.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1504

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1504

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	95		75 - 120
Dibromofluoromethane	101		75 - 121
Toluene-d8 (Surr)	97		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-CM00-111808

Lab Sample ID: 680-42572-7

Date Sampled: 11/18/2008 1455

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a396.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1534

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1534

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

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-CM00-111808

Lab Sample ID: 680-42572-7

Date Sampled: 11/18/2008 1455

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a396.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1534

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1534

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	94		75 - 120
Dibromofluoromethane	100		75 - 121
Toluene-d8 (Surr)	99		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-MW03-111908

Lab Sample ID: 680-42572-8

Date Sampled: 11/19/2008 0927

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a398.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1603

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1603

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

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-MW03-111908

Lab Sample ID: 680-42572-8

Date Sampled: 11/19/2008 0927

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a398.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1603

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1603

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	97		75 - 120
Dibromofluoromethane	101		75 - 121
Toluene-d8 (Surr)	98		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-MW02-111908

Lab Sample ID: 680-42572-9

Date Sampled: 11/19/2008 1034

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a400.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1632

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1632

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

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-MW02-111908

Lab Sample ID: 680-42572-9

Date Sampled: 11/19/2008 1034

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a400.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1632

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1632

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	97		75 - 120
Dibromofluoromethane	101		75 - 121
Toluene-d8 (Surr)	96		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-RS2-111908

Lab Sample ID: 680-42572-10RB

Date Sampled: 11/19/2008 1057

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a402.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1702

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1702

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

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-RS2-111908

Lab Sample ID: 680-42572-10RB

Date Sampled: 11/19/2008 1057

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a402.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1702

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1702

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	98		75 - 120
Dibromofluoromethane	102		75 - 121
Toluene-d8 (Surr)	98		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: **HER-MW10-111908**

Lab Sample ID: 680-42572-11

Date Sampled: 11/19/2008 1221

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a404.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1731

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1731

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

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-MW10-111908

Lab Sample ID: 680-42572-11

Date Sampled: 11/19/2008 1221

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a404.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1731

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1731

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	97		75 - 120
Dibromofluoromethane	102		75 - 121
Toluene-d8 (Surr)	97		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-MW11-111908

Lab Sample ID: 680-42572-12

Date Sampled: 11/19/2008 1428

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-123846	Instrument ID: GC/MS Volatiles - A C2
Preparation:	5030B		Lab File ID: a406.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	11/25/2008 1800		Final Weight/Volume: 5 mL
Date Prepared:	11/25/2008 1800		

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

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-MW11-111908

Lab Sample ID: 680-42572-12

Date Sampled: 11/19/2008 1428

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a406.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1800

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1800

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	95		75 - 120
Dibromofluoromethane	105		75 - 121
Toluene-d8 (Surr)	97		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-MW04-111908

Lab Sample ID: 680-42572-13

Date Sampled: 11/19/2008 1515

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a408.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1830

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1830

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

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-MW04-111908

Lab Sample ID: 680-42572-13

Date Sampled: 11/19/2008 1515

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a408.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1830

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1830

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	107		75 - 120
Dibromofluoromethane	102		75 - 121
Toluene-d8 (Surr)	98		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-FD01-111908

Lab Sample ID: 680-42572-14FD

Client Matrix: Water

Date Sampled: 11/19/2008 1515

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a410.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1859

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1859

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

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-FD01-111908

Lab Sample ID: 680-42572-14FD

Date Sampled: 11/19/2008 1515

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a410.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1859

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1859

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	100		75 - 120
Dibromofluoromethane	103		75 - 121
Toluene-d8 (Surr)	99		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-MW05-111908

Lab Sample ID: 680-42572-15

Date Sampled: 11/19/2008 1639

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-124082

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a425.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/26/2008 1523

Final Weight/Volume: 5 mL

Date Prepared: 11/26/2008 1523

Analyte	Result (ug/L)	Qualifier	RL
Acetone	85		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-MW05-111908

Lab Sample ID: 680-42572-15

Date Sampled: 11/19/2008 1639

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-124082

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a425.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/26/2008 1523

Final Weight/Volume: 5 mL

Date Prepared: 11/26/2008 1523

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	98		75 - 120
Dibromofluoromethane	102		75 - 121
Toluene-d8 (Surr)	97		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-MW12-112008

Lab Sample ID: 680-42572-16

Date Sampled: 11/20/2008 0906

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-124164

Instrument ID: GC/MS Volatiles - A

Preparation: 5030B

Lab File ID: a485.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/01/2008 1716

Final Weight/Volume: 5 mL

Date Prepared: 12/01/2008 1716

Analyte	Result (ug/L)	Qualifier	RL
Acetone	32		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-MW12-112008

Lab Sample ID: 680-42572-16

Date Sampled: 11/20/2008 0906

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-124164

Instrument ID: GC/MS Volatiles - A

Preparation: 5030B

Lab File ID: a485.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/01/2008 1716

Final Weight/Volume: 5 mL

Date Prepared: 12/01/2008 1716

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	100		75 - 120
Dibromofluoromethane	96		75 - 121
Toluene-d8 (Surr)	95		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-RS03-112008

Lab Sample ID: 680-42572-17RB

Date Sampled: 11/20/2008 0925

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-124164

Instrument ID: GC/MS Volatiles - A

Preparation: 5030B

Lab File ID: a487.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/01/2008 1746

Final Weight/Volume: 5 mL

Date Prepared: 12/01/2008 1746

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

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-RS03-112008

Lab Sample ID: 680-42572-17RB

Date Sampled: 11/20/2008 0925

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-124164

Instrument ID: GC/MS Volatiles - A

Preparation: 5030B

Lab File ID: a487.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/01/2008 1746

Final Weight/Volume: 5 mL

Date Prepared: 12/01/2008 1746

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	99		75 - 120
Dibromofluoromethane	98		75 - 121
Toluene-d8 (Surr)	96		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-MW06-112008

Lab Sample ID: 680-42572-18

Date Sampled: 11/20/2008 0953

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-124164

Instrument ID: GC/MS Volatiles - A

Preparation: 5030B

Lab File ID: a493.d

Dilution: 2.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/01/2008 1914

Final Weight/Volume: 5 mL

Date Prepared: 12/01/2008 1914

Analyte	Result (ug/L)	Qualifier	RL
Acetone	490		50
Acetonitrile	<80		80
Acrolein	<40		40
Acrylonitrile	<40		40
Benzene	<2.0		2.0
Dichlorobromomethane	<2.0		2.0
Bromoform	<2.0		2.0
Bromomethane	<2.0		2.0
2-Butanone (MEK)	<20		20
Carbon disulfide	<4.0		4.0
Carbon tetrachloride	<2.0		2.0
Chlorobenzene	<2.0		2.0
Chloroethane	<2.0		2.0
Chloroform	<2.0		2.0
Chloromethane	<2.0		2.0
2-Chloro-1,3-butadiene	<2.0		2.0
3-Chloro-1-propene	<2.0		2.0
Chlorodibromomethane	<2.0		2.0
1,2-Dibromo-3-Chloropropane	<2.0		2.0
Ethylene Dibromide	<2.0		2.0
Dibromomethane	<2.0		2.0
trans-1,4-Dichloro-2-butene	<4.0		4.0
Dichlorodifluoromethane	<2.0		2.0
1,1-Dichloroethane	<2.0		2.0
1,2-Dichloroethane	<2.0		2.0
1,1-Dichloroethene	<2.0		2.0
cis-1,2-Dichloroethene	<2.0		2.0
trans-1,2-Dichloroethene	<2.0		2.0
1,2-Dichloropropane	<2.0		2.0
cis-1,3-Dichloropropene	<2.0		2.0
trans-1,3-Dichloropropene	<2.0		2.0
Ethylbenzene	<2.0		2.0
Ethyl methacrylate	<2.0		2.0
2-Hexanone	<20		20
Iodomethane	<10		10
Isobutyl alcohol	<80		80
Methacrylonitrile	<40		40
Methylene Chloride	<10		10
Methyl methacrylate	<2.0		2.0
4-Methyl-2-pentanone (MIBK)	<20		20
Pentachloroethane	<10		10
Propionitrile	<40		40
Styrene	<2.0		2.0
1,1,1,2-Tetrachloroethane	<2.0		2.0

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-MW06-112008

Lab Sample ID: 680-42572-18

Date Sampled: 11/20/2008 0953

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-124164

Instrument ID: GC/MS Volatiles - A

Preparation: 5030B

Lab File ID: a493.d

Dilution: 2.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/01/2008 1914

Final Weight/Volume: 5 mL

Date Prepared: 12/01/2008 1914

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<2.0		2.0
Tetrachloroethene	<2.0		2.0
Toluene	<2.0		2.0
1,1,1-Trichloroethane	<2.0		2.0
1,1,2-Trichloroethane	<2.0		2.0
Trichloroethene	<2.0		2.0
Trichlorofluoromethane	<2.0		2.0
1,2,3-Trichloropropane	<2.0		2.0
Vinyl acetate	<4.0		4.0
Vinyl chloride	<2.0		2.0
Xylenes, Total	<4.0		4.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	99		75 - 120
Dibromofluoromethane	97		75 - 121
Toluene-d8 (Surr)	95		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-MW18-112008

Lab Sample ID: 680-42572-19

Date Sampled: 11/20/2008 1037

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a412.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1929

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1929

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

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-MW18-112008

Lab Sample ID: 680-42572-19

Date Sampled: 11/20/2008 1037

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-123846

Instrument ID: GC/MS Volatiles - A C2

Preparation: 5030B

Lab File ID: a412.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/25/2008 1929

Final Weight/Volume: 5 mL

Date Prepared: 11/25/2008 1929

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	101		75 - 120
Dibromofluoromethane	105		75 - 121
Toluene-d8 (Surr)	101		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-FD02-112008

Lab Sample ID: 680-42572-20FD

Date Sampled: 11/20/2008 0000

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-124115

Instrument ID: GC/MS Volatiles - O C2

Preparation: 5030B

Lab File ID: o6496.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/28/2008 1244

Final Weight/Volume: 5 mL

Date Prepared: 11/28/2008 1244

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	1.1		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	28		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	1.2		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	1.1		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-FD02-112008

Lab Sample ID: 680-42572-20FD

Date Sampled: 11/20/2008 0000

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-124115

Instrument ID: GC/MS Volatiles - O C2

Preparation: 5030B

Lab File ID: o6496.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/28/2008 1244

Final Weight/Volume: 5 mL

Date Prepared: 11/28/2008 1244

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	103		75 - 120
Dibromofluoromethane	95		75 - 121
Toluene-d8 (Surr)	104		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-MW19-112008

Lab Sample ID: 680-42572-21

Date Sampled: 11/20/2008 1129

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-124115

Instrument ID: GC/MS Volatiles - O C2

Preparation: 5030B

Lab File ID: o6498.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/28/2008 1313

Final Weight/Volume: 5 mL

Date Prepared: 11/28/2008 1313

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	58		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	9.7		1.0
Chloroethane	<1.0		1.0
Chloroform	1.1		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	2.4		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-MW07-112008

Lab Sample ID: 680-42572-22

Date Sampled: 11/20/2008 1323

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-124115

Instrument ID: GC/MS Volatiles - O C2

Preparation: 5030B

Lab File ID: o6500.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/28/2008 1342

Final Weight/Volume: 5 mL

Date Prepared: 11/28/2008 1342

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

Analytical Data

Client: Hercules Inc.

Job Number: 680-42572-1

Client Sample ID: HER-MW07-112008

Lab Sample ID: 680-42572-22

Date Sampled: 11/20/2008 1323

Client Matrix: Water

Date Received: 11/22/2008 0950

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B

Analysis Batch: 680-124115

Instrument ID: GC/MS Volatiles - O C2

Preparation: 5030B

Lab File ID: o6500.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 11/28/2008 1342

Final Weight/Volume: 5 mL

Date Prepared: 11/28/2008 1342

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	102		75 - 120
Dibromofluoromethane	96		75 - 121
Toluene-d8 (Surr)	104		75 - 120