

**APPENDIX B
LABORATORY ANALYTICAL RESULTS**

STL

ANALYTICAL REPORT

Job Number: 680-26849-1

Job Description: Hercules Hattiesburg 2Q07

For:

Eco-Systems Inc

6360 155 North

Suite 330

Jackson, MS 39211

Attention: Mr. Charles Coney



Lidya Gulizia

Project Manager I

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06/19/2007

Project Manager: Lidya Gulizia

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Severn Trent Laboratories, Inc.

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Job Narrative
680-J26849-1

1. Receipt
Volatiles sample HER-MW05-051807 MS/MSD (2 of 3) and three of three of the unpreserved was received with headspace in the sample vials.

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

- II. GC/MS VOA
No analytical or quality issues were noted.

- III. GC VOA
No analytical or quality issues were noted.

- IV. General Chemistry
No analytical or quality issues were noted.

- V. Comments
No additional comments.

METHOD SUMMARY

Client: Eco-Systems Inc

Job Number: 680-26849-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL SAV	SW846 8260B	
Purge-and-Trap	STL SAV		SW846 5030B
Dissolved Gases in Water	STL SAV	RSK RSK-175	
Alkalinity - Titrimetric, pH 4.5	STL SAV	MCAWW 310.1	
Chloride (Colorimetric, Automated Ferricyanide)	STL SAV	MCAWW 325.2	
Phenolics (Spectrophotometric, Manual 4-AAP with Distillation)	STL SAV	MCAWW 420.1	
Distillation/Phenolics	STL SAV		Distill/Phenol

LAB REFERENCES:

STL SAV = STL Savannah

METHOD REFERENCES:

MCAWW - "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
 RSK - Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/1 1/94, USEPA Research Lab
 SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Method	Analyst	Analyst ID
SW846 8260B	Bearden, Robert	RB
RSK RSK-175	Hall, Elizabeth	EH
RSK RSK-175	Young, Myron	MY
MCAMW 310.1	Vasquez, Juana	JV
MCAMW 325.2	Ross, Jon	JR
MCAMW 420.1	Vasquez, Juana	JV

METHOD / ANALYST SUMMARY

Client: Eco-Systems Inc

Job Number: 680-26849-1

SAMPLE SUMMARY

Client: Eco-Systems Inc

Job Number: 680-26849-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-26849-1	HER-CM00-051707	Water	05/17/2007 0935	05/19/2007 0900
680-26849-2	HER-CM01-051707	Water	05/17/2007 0915	05/19/2007 0900
680-26849-3	HER-CM02-051707	Water	05/17/2007 0900	05/19/2007 0900
680-26849-4	HER-CM03-051707	Water	05/17/2007 0845	05/19/2007 0900
680-26849-5	HER-CM04-051707	Water	05/17/2007 0832	05/19/2007 0900
680-26849-6	HER-CM05-051707	Water	05/17/2007 0750	05/19/2007 0900
680-26849-7	HER-RS1-051707	Water	05/17/2007 0745	05/19/2007 0900
680-26849-8	HER-MW03-051707	Water	05/17/2007 1150	05/19/2007 0900
680-26849-9	HER-MW02-051707	Water	05/17/2007 1330	05/19/2007 0900
680-26849-9MSD	HER-MW02-051707	Water	05/17/2007 1330	05/19/2007 0900
680-26849-10	HER-MW10-051707	Water	05/17/2007 1500	05/19/2007 0900
680-26849-11	HER-MW11-051707	Water	05/17/2007 1700	05/19/2007 0900
680-26849-12	HER-RS2-051707	Water	05/18/2007 0830	05/19/2007 0900
680-26849-13	HER-MW04-051807	Water	05/18/2007 0835	05/19/2007 0900
680-26849-14	HER-MW05-051807	Water	05/18/2007 1000	05/19/2007 0900
680-26849-14MS	HER-MW05-051807	Water	05/18/2007 1000	05/19/2007 0900
680-26849-14MSD	HER-MW05-051807	Water	05/18/2007 1000	05/19/2007 0900
680-26849-15	HER-MW12-051807	Water	05/18/2007 1200	05/19/2007 0900
680-26849-16	HER-MW06-051807	Water	05/18/2007 1140	05/19/2007 0900
680-26849-17	HER-MW18-051807	Water	05/18/2007 1315	05/19/2007 0900
680-26849-18	HER-MW19-051807	Water	05/18/2007 1415	05/19/2007 0900
680-26849-19FD	HER-FD1-051807	Water	05/18/2007 0000	05/19/2007 0900
680-26849-20TB	HER-TB1	Water	05/17/2007 0000	05/19/2007 0900
680-26849-21TB	HER-TB2	Water	05/17/2007 0000	05/19/2007 0900
680-26849-22TB	HER-TB3	Water	05/17/2007 0000	05/19/2007 0900

SAMPLE RESULTS

Job Number: 680-26849-1

Analytical Data

Client: Eco-Systems Inc

Client Sample ID: HER-CM00-051707

Lab Sample ID: 680-26849-1

Client Matrix: Water

Date Sampled: 05/17/2007 0935
Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/24/2007 1401
Date Prepared: 05/24/2007 1401
Analysis Batch: 680-76044
Instrument ID: GC/MS Volatiles - O
Lab File ID: 05171.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte Result (ug/L) Qualifier

Acetone	<25	RL
Acetonitrile	<40	
Acrolein	<20	
Acrylonitrile	<20	
Benzene	<1.0	
Dichlorobromomethane	<1.0	
Bromoform	<1.0	
Bromomethane	<1.0	
Methyl Ethyl Ketone	<10	
Carbon disulfide	<2.0	
Carbon tetrachloride	<1.0	
Chlorobenzene	<1.0	
Chloroethane	<1.0	
Chloroform	<1.0	
Chloromethane	<1.0	
2-Chloro-1,3-butadiene	<1.0	
3-Chloro-1-propene	<1.0	
Chlorodibromomethane	<1.0	
1,2-Dibromo-3-Chloropropane	<1.0	
Ethylene Dibromide	<1.0	
Dibromomethane	<1.0	
trans-1,4-Dichloro-2-butene	<2.0	
Dichlorodifluoromethane	<1.0	
1,1-Dichloroethane	<1.0	
1,2-Dichloroethane	<1.0	
1,1-Dichloroethene	<1.0	
cis-1,2-Dichloroethene	<1.0	
trans-1,2-Dichloroethene	<1.0	
1,2-Dichloropropane	<1.0	
cis-1,3-Dichloropropane	<1.0	
trans-1,3-Dichloropropane	<1.0	
Ethylbenzene	<1.0	
Ethyl methacrylate	<1.0	
2-Hexanone	<10	
Iodomethane	<5.0	
Isobutanol	<40	
Methacrylonitrile	<20	
Methylene Chloride	<5.0	
Methyl methacrylate	<1.0	
methyl isobutyl ketone	<10	
Pentachloroethane	<5.0	
Propionitrile	<20	
Styrene	<1.0	

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-CM00-051707

Lab Sample ID: 680-26849-1

Client Matrix: Water

Date Sampled: 05/17/2007 0935

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1401
 Date Prepared: 05/24/2007 1401
 Instrument ID: GC/MS Volatiles - O
 Lab File ID: 05171.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analysis Batch: 680-76044

Analyte	Result (ug/L)	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	<1.0	*	RL
1,1,2,2-Tetrachloroethane	<1.0		
Tetrachloroethene	<1.0		
Toluene	<1.0		
1,1,1-Trichloroethane	<1.0		
1,1,2-Trichloroethane	<1.0		
Trichloroethene	<1.0		
Trichlorofluoromethane	<1.0		
1,2,3-Trichloropropane	<1.0		
Vinyl acetate	<1.0		
Vinyl chloride	<2.0		
Xylenes, Total	<1.0		
Surrogate	<2.0		
4-Bromofluorobenzene	104		77 - 120
Dibromofluoromethane	107		75 - 123
Toluene-d8 (Sur)	103		79 - 122

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-CM01-051707

Lab Sample ID: 680-26849-2

Client Matrix: Water

Date Sampled: 05/17/2007 0915

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1431
 Date Prepared: 05/24/2007 1431
 Analysis Batch: 680-76044
 Instrument ID: GC/MS Volatiles - O
 Lab File ID: 05173.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

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

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-CM01-051707

Lab Sample ID: 680-26849-2

Client Matrix: Water

Date Sampled: 05/17/2007 0915

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1431
 Date Prepared: 05/24/2007 1431
 Instrument ID: GC/MS Volatiles - O
 Lab File ID: 05173.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analysis Batch: 680-76044

Analyte	Result (ug/L)	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	<1.0	*	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<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		
4-Bromofluorobenzene	103		77 - 120
Dibromofluoromethane	109		75 - 123
Toluene-d8 (Sum)	104		79 - 122

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-CM02-051707

Lab Sample ID: 680-26849-3

Client Matrix: Water

Date Sampled: 05/17/2007 0900

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1500
 Date Prepared: 05/24/2007 1500
 Instrument ID: GC/MS Volatiles - O
 Lab File ID: 05175.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analysis Batch: 680-76044

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

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-CM02-051707

Lab Sample ID: 680-26849-3

Client Matrix: Water

Date Sampled: 05/17/2007 0900

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1500
 Date Prepared: 05/24/2007 1500
 Instrument ID: GC/MS Volatiles - O
 Lab File ID: 05175.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL
 Analysis Batch: 680-76044

Analyte	Result (ug/L)	Qualifier	Acceptance Limits
1,1,2-Tetrachloroethane	<1.0	*	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
1,1,2-Trichloroethene	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<1.0		1.0
Vinyl chloride	<2.0		2.0
Xylenes, Total	<1.0		1.0
Surrogate	<2.0		2.0
4-Bromofluorobenzene	104		77 - 120
Dibromofluoromethane	109		75 - 123
Toluene-d8 (Surr)	103		79 - 122

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-CM03-051707

Lab Sample ID: 680-26849-4

Client Matrix: Water

Date Sampled: 05/17/2007 0845

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1530
 Date Prepared: 05/24/2007 1530
 Instrument ID: GC/MS Volatiles - O
 Lab File ID: 05177.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analysis Batch: 680-76044

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		
Acetonitrile	<40		25
Acrolein	<20		40
Acrylonitrile	<20		20
Benzene	4.8		20
Dichlorobromomethane	<1.0		1.0
Bromoforn	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<1.0		1.0
Carbon disulfide	<2.0		10
Carbon tetrachloride	<1.0		2.0
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		1.0
Dichlorodifluoromethane	<1.0		2.0
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
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	<1.0		1.0
Iodomethane	<5.0		10
Isobutanol	<40		5.0
Methacrylonitrile	<20		40
Methylene Chloride	<5.0		20
Methyl methacrylate	<1.0		5.0
methyl isobutyl ketone	<10		1.0
Pentachloroethane	<5.0		10
Propionitrile	<20		5.0
Styrene	<1.0		20

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-CM03-051707

Lab Sample ID: 680-26849-4

Client Matrix: Water

Date Sampled: 05/17/2007 0845

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1530
 Date Prepared: 05/24/2007 1530
 Instrument ID: GC/MS Volatiles - O
 Lab File ID: 05177.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL
 Analysis Batch: 680-76044

Analyte	Result (ug/L)	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	<1.0	*	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	<1.0		1.0
Vinyl chloride	<2.0		2.0
Xylenes, Total	<1.0		1.0
Surrogate	<2.0		2.0
4-Bromofluorobenzene	102		77 - 120
Dibromofluoromethane	108		75 - 123
Toluene-d8 (Surr)	104		79 - 122

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-CM04-051707

Lab Sample ID: 680-26849-5

Client Matrix: Water

Date Sampled: 05/17/2007 0832

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1559
 Date Prepared: 05/24/2007 1559
 Instrument ID: GC/MS Volatiles - O
 Lab File ID: 05179.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analysis Batch: 680-76044

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

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-CM04-051707

Lab Sample ID: 680-26849-5

Client Matrix: Water

Date Sampled: 05/17/2007 0832

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1559
 Date Prepared: 05/24/2007 1559
 Instrument ID: GC/MS Volatiles - O
 Lab File ID: 05179.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analysis Batch: 680-76044

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
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		77 - 120
Dibromofluoromethane	107		75 - 123
Toluene-d8 (Sur)	104		79 - 122

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-CM05-051707

Lab Sample ID: 680-26849-6

Client Matrix: Water

Date Sampled: 05/17/2007 0750

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1629
 Date Prepared: 05/24/2007 1629
 Instrument ID: GC/MS Volatiles - O
 Lab File ID: 05181.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

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

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-CM05-051707

Lab Sample ID: 680-26849-6

Client Matrix: Water

Date Sampled: 05/17/2007 0750
Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/24/2007 1629
Date Prepared: 05/24/2007 1629
Instrument ID: GC/MS Volatiles - O
Lab File ID: 05181.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analysis Batch: 680-76044

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
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		77 - 120
Dibromofluoromethane	108		75 - 123
Toluene-d8 (Surr)	102		79 - 122

Client: Eco-Systems Inc
 Job Number: 680-26849-1

Client Sample ID: HER-RS1-051707

Lab Sample ID: 680-26849-7
 Date Sampled: 05/17/2007 0745
 Client Matrix: Water

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1659
 Date Prepared: 05/24/2007 1659
 Instrument ID: GC/MS Volatiles - O
 Lab File ID: 05183.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
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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
Methyl Ethyl Ketone	<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
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Client: Eco-Systems Inc
 Job Number: 680-26849-1

Client Sample ID: HER-RS1-051707

Lab Sample ID: 680-26849-7

Client Matrix: Water

Date Sampled: 05/17/2007 0745
 Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1659
 Date Prepared: 05/24/2007 1659
 Instrument ID: GC/MS Volatiles - O
 Lab File ID: 05183.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analysis Batch: 680-76044

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2-Tetrachloroethane	<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		77 - 120
Dibromofluoromethane	108		75 - 123
Toluene-d8 (Surr)	105		79 - 122

Job Number: 680-26849-1

Analytical Data

Client: Eco-Systems Inc

Client Sample ID: HER-MW03-051707

Lab Sample ID: 680-26849-8

Client Matrix: Water

Date Sampled: 05/17/2007 1150

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1728
 Date Prepared: 05/24/2007 1728
 Analysis Batch: 680-76044
 Instrument ID: GC/MS Volatiles - O
 Lab File ID: 05185.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier
Acetone	<25	RL
Acetonitrile	<40	
Acrolein	<20	
Acrylonitrile	<20	
Benzene	<1.0	
Dichlorobromomethane	<1.0	
Bromoform	<1.0	
Bromomethane	<1.0	
Methyl Ethyl Ketone	<10	
Carbon disulfide	<2.0	
Carbon tetrachloride	<1.0	
Chlorobenzene	<1.0	
Chloroethane	<1.0	
Chloroform	<1.0	
Chloromethane	<1.0	
2-Chloro-1,3-butadiene	<1.0	
3-Chloro-1-pentene	<1.0	
Chlorodibromomethane	<1.0	
1,2-Dibromo-3-Chloropropane	<1.0	
Ethylene Dibromide	<1.0	
Dibromomethane	<1.0	
trans-1,4-Dichloro-2-butene	<2.0	
Dichlorodifluoromethane	<1.0	
1,1-Dichloroethane	<1.0	
1,2-Dichloroethane	<1.0	
1,1-Dichloroethene	<1.0	
cis-1,2-Dichloroethene	<1.0	
trans-1,2-Dichloroethene	<1.0	
1,2-Dichloropropane	<1.0	
cis-1,3-Dichloropropene	<1.0	
trans-1,3-Dichloropropene	<1.0	
Ethylbenzene	<1.0	
Ethyl methacrylate	<1.0	
2-Hexanone	<10	
Iodomethane	<5.0	
Isobutanol	<40	
Methacrylonitrile	<20	
Methylene Chloride	<50	
Methyl methacrylate	<10	
Methyl isobutyl ketone	<10	
Pentachloroethane	<50	
Propionitrile	<20	
Styrene	<10	

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-MMW03-051707

Lab Sample ID: 680-26849-8

Client Matrix: Water

Date Sampled: 05/17/2007 1150
Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/24/2007 1728
Date Prepared: 05/24/2007 1728
Analysis Batch: 680-76044
Instrument ID: GC/MS Volatiles - O
Lab File ID: 05185.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
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		77 - 120
Dibromofluoromethane	108		75 - 123
Toluene-d8 (Surr)	104		79 - 122

Analytical Data

Client: Eco-Systems Inc
 Job Number: 680-26849-1
 Client Sample ID: HER-MW02-051707
 Lab Sample ID: 680-26849-9
 Client Matrix: Water
 Date Sampled: 05/17/2007 1330
 Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1758
 Date Prepared: 05/24/2007 1758
 Instrument ID: GC/MS Volatiles - O
 Lab File ID: 05187.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

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
Methyl Ethyl Ketone	<1.0		1.0
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
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Client: Eco-Systems Inc
 Job Number: 680-26849-1

Client Sample ID: HER-MW02-051707
 Lab Sample ID: 680-26849-9
 Client Matrix: Water
 Date Sampled: 05/17/2007 1330
 Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1758
 Date Prepared: 05/24/2007 1758
 Instrument ID: GC/MS Volatiles - O
 Lab File ID: 05187.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analysis Batch: 680-76044

Analyte	Result (ug/L)	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
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		
4-Bromofluorobenzene	102		77 - 120
Dibromofluoromethane	111		75 - 123
Toluene-d8 (Surr)	102		79 - 122

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-MW10-051707

Lab Sample ID: 680-26849-10

Client Matrix: Water

Date Sampled: 05/17/2007 1500

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0

Date Analyzed: 05/24/2007 1827

Date Prepared: 05/24/2007 1827

Initial Weigh/Volume: 5 mL

Final Weigh/Volume: 5 mL

Lab File ID: 05189.d

Instrument ID: GC/MS Volatiles - O

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

Analytical Data

Client: Eco-Systems Inc

Job Number: 680-26849-1

Client Sample ID: HER-MMW10-051707

Lab Sample ID: 680-26849-10

Client Matrix: Water

Date Sampled: 05/17/2007 1500
Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/24/2007 1827
Date Prepared: 05/24/2007 1827
Analysis Batch: 680-76044
Instrument ID: GC/MS Volatiles - O
Lab File ID: 05189.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
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		77 - 120
Dibromofluoromethane	109		75 - 123
Toluene-d8 (Sur)	104		79 - 122

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-MW11-051707

Lab Sample ID: 680-26849-11

Client Matrix: Water

Date Sampled: 05/17/2007 1700
Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/24/2007 1857
Date Prepared: 05/24/2007 1857
Analysis Batch: 680-76044
Instrument ID: GC/MS Volatiles - O
Lab File ID: 05191.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-MW11-051707

Lab Sample ID: 680-26849-11

Client Matrix: Water

Date Sampled: 05/17/2007 1700
Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/24/2007 1857
Date Prepared: 05/24/2007 1857
Instrument ID: GC/MS Volatiles - O
Lab File ID: 05191.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analysis Batch: 680-76044

Analyte	Result (ug/L)	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
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		
4-Bromofluorobenzene	101		77 - 120
Dibromofluoromethane	110		75 - 123
Toluene-d8 (Sum)	104		79 - 122

Job Number: 680-26849-1

Analytical Data

Client: Eco-Systems Inc

Client Sample ID: HER-RS2-051707

Lab Sample ID: 680-26849-12

Client Matrix: Water

Date Sampled: 05/18/2007 0830

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Instrument ID: GC/MS Volatiles - O

Analysis Batch: 680-76044

Method: 8260B

Preparation: 5030B

Dilution: 1.0

Date Analyzed: 05/24/2007 1927

Date Prepared: 05/24/2007 1927

Final Weight/Volume: 5 mL

Initial Weight/Volume: 5 mL

Lab File ID: 05193.d

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

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-RS2-051707

Lab Sample ID: 680-26849-12

Client Matrix: Water

Date Sampled: 05/18/2007 0830

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1927
 Date Prepared: 05/24/2007 1927
 Instrument ID: GC/MS Volatiles - O
 Lab File ID: 05193.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analysis Batch: 680-76044

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	5.2		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		77 - 120
Dibromofluoromethane	108		75 - 123
Toluene-d8 (Surr)	104		79 - 122

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-MW04-051807

Lab Sample ID: 680-26849-13

Client Matrix: Water

Date Sampled: 05/18/2007 0835

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1956
 Date Prepared: 05/24/2007 1956
 Instrument ID: GC/MS Volatiles - O
 Lab File ID: 05195.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
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Acetone	<25		
Acetonitrile	<40		25
Acrolein	<20		40
Acrylonitrile	<20		20
Benzene	<1.0		20
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		1.0
Carbon disulfide	<2.0		10
Carbon tetrachloride	<1.0		2.0
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		1.0
Dichlorodifluoromethane	<1.0		2.0
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		1.0
Iodomethane	<5.0		10
Isobutanol	<40		5.0
Methacrylonitrile	<20		40
Methylene Chloride	<5.0		20
Methyl methacrylate	<1.0		5.0
Methyl isobutyl ketone	<10		1.0
Pentachloroethane	<5.0		10
Propionitrile	<20		5.0
Styrene	<1.0		20

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-MW04-051807
 Lab Sample ID: 680-26849-13
 Client Matrix: Water
 Date Sampled: 05/18/2007 0835
 Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1956
 Date Prepared: 05/24/2007 1956
 Instrument ID: GC/MS Volatiles - O
 Lab File ID: 05195.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analysis Batch: 680-76044

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
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	104		77 - 120
Dibromofluoromethane	110		75 - 123
Toluene-d8 (Surr)	105		79 - 122

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-MW05-051807

Lab Sample ID: 680-26849-14

Client Matrix: Water

Date Sampled: 05/18/2007 1000

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1445
 Date Prepared: 05/24/2007 1445
 Analysis Batch: 680-76035
 Instrument ID: GC/MS Volatiles - O C2
 Lab File ID: 05174.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

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
Methyl Ethyl Ketone	<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
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Client: Eco-Systems Inc
 Job Number: 680-26849-1

Client Sample ID: HER-MW05-051807

Lab Sample ID: 680-26849-14

Client Matrix: Water

Date Sampled: 05/18/2007 1000
 Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1445
 Date Prepared: 05/24/2007 1445
 Instrument ID: GC/MS Volatiles - O CZ
 Lab File ID: 05174.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	Acceptance Limits
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
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		
4-Bromofluorobenzene	99		77 - 120
Dibromofluoromethane	110		75 - 123
Toluene-d8 (Surr)	106		79 - 122

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-MW12-051807

Lab Sample ID: 680-26849-15

Client Matrix: Water

Date Sampled: 05/18/2007 1200

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1515
 Date Prepared: 05/24/2007 1515
 Instrument ID: GC/MS Volatiles - O C2
 Lab File ID: 05176.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<20		20
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<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
1,2-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-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropane	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Client Sample ID: HER-MW12-051807
 Lab Sample ID: 680-26849-15
 Client Matrix: Water
 Date Sampled: 05/18/2007 1200
 Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1515
 Date Prepared: 05/24/2007 1515
 Instrument ID: GC/MS Volatiles - O C2
 Lab File ID: 05176.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analysis Batch: 680-76035

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2-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		77 - 120
Dibromofluoromethane	107		75 - 123
Toluene-d8 (Sur)	104		79 - 122

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-MW06-051807

Lab Sample ID: 680-26849-16

Client Matrix: Water

Date Sampled: 05/18/2007 1140

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-76035 Instrument ID: GC/MS Volatiles - O C2

Preparation: 5030B

Dilution: 1.0

Date Analyzed: 05/24/2007 1545

Date Prepared: 05/24/2007 1545

Initial Weight/Volume: 5 mL

Final Weight/Volume: 5 mL

Lab File ID: 05178.d

Analyte	Result (ug/L)	Qualifier	RL
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Acetone <25

Acetonitrile <40

Acrolein <20

Acrylonitrile <20

Benzene <1.0

Dichlorobromomethane <1.0

Bromoform <1.0

Bromomethane <1.0

Methyl Ethyl Ketone <10

Carbon disulfide <2.0

Carbon tetrachloride <1.0

Chlorobenzene <1.0

Chloroethane <1.0

Chloroform <1.0

Chloromethane <1.0

2-Chloro-1,3-butadiene <1.0

3-Chloro-1-propene <1.0

Chlorodibromomethane <1.0

1,2-Dibromo-3-Chloropropane <1.0

Ethylene Dibromide <1.0

Dibromomethane <1.0

trans-1,4-Dichloro-2-butene <2.0

Dichlorodifluoromethane <1.0

1,1-Dichloroethane <1.0

1,2-Dichloroethane <1.0

1,1-Dichloroethene <1.0

cis-1,2-Dichloroethene <1.0

trans-1,2-Dichloroethene <1.0

1,2-Dichloropropane <1.0

cis-1,3-Dichloropropene <1.0

trans-1,3-Dichloropropene <1.0

Ethylbenzene <1.0

Ethyl methacrylate <1.0

2-Hexanone <10

Iodomethane <5.0

Isobutanol <40

Methacrylonitrile <20

Methylene Chloride <5.0

Methyl methacrylate <1.0

methyl isobutyl ketone <10

Pentachloroethane <5.0

Propionitrile <20

Styrene <1.0

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-MW06-051807

Lab Sample ID: 680-26849-16

Client Matrix: Water

Date Sampled: 05/18/2007 1140

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1545
 Date Prepared: 05/24/2007 1545
 Analysis Batch: 680-76035
 Instrument ID: GC/MS Volatiles - O C2
 Lab File ID: 05178.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
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		77 - 120
Dibromofluoromethane	106		75 - 123
Toluene-d8 (Surr)	102		79 - 122

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-MW18-051807

Lab Sample ID: 680-26849-17

Client Matrix: Water

Date Sampled: 05/18/2007 1315
Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/24/2007 1614
Date Prepared: 05/24/2007 1614
Instrument ID: GC/MS Volatiles - O C2
Lab File ID: 05180.d
Initial Weigh/Vol: 5 mL
Final Weigh/Vol: 5 mL

Analysis Batch: 680-76035

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		
Acetonitrile	<40		25
Acrolein	<20		40
Acrylonitrile	<20		20
Benzene	<20		20
Dichlorobromomethane	<1.0		1.0
Bromotom	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<1.0		1.0
Carbon disulfide	<2.0		10
Carbon tetrachloride	<1.0		2.0
Chlorobenzene	33		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		1.0
Dichlorodifluoromethane	<1.0		2.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	1.6		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	1.3		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		10
Isobutanol	<40		5.0
Methacrylonitrile	<20		40
Methylene Chloride	<5.0		20
Methyl methacrylate	<5.0		5.0
methyl isobutyl ketone	<1.0		5.0
Pentachloroethane	<5.0		10
Propionitrile	<20		10
Styrene	<1.0		20

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-MW18-051807

Lab Sample ID: 680-26849-17

Client Matrix: Water

Date Sampled: 05/18/2007 1315
Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/24/2007 1614
Date Prepared: 05/24/2007 1614
Instrument ID: GC/MS Volatiles - O C2
Lab File ID: 05180.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analysis Batch: 680-76035

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
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		77 - 120
Dibromofluoromethane	107		75 - 123
Toluene-d8 (Sur)	104		79 - 122

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-MW19-051807

Lab Sample ID: 680-26849-18

Client Matrix: Water

Date Sampled: 05/18/2007 1415
Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/24/2007 1644
Date Prepared: 05/24/2007 1644
Instrument ID: GC/MS Volatiles - O C2
Lab File ID: 05182.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analysis Batch: 680-76035

Analyte	Result (ug/L)	Qualifier
Acetone	<25	RL
Acetonitrile	<40	
Acrolein	<20	
Acrylonitrile	<20	
Benzene	36	
Dichlorobromomethane	<1.0	
Bromoforn	<1.0	
Bromomethane	<1.0	
Methyl Ethyl Ketone	<10	
Carbon disulfide	<2.0	
Carbon tetrachloride	<1.0	
Chlorobenzene	9.5	
Chloroethane	<1.0	
Chloroform	<1.0	
Chloromethane	<1.0	
2-Chloro-1,3-butadiene	<1.0	
3-Chloro-1-propene	<1.0	
Chlorodibromomethane	<1.0	
1,2-Dibromo-3-Chloropropane	<1.0	
Ethylene Dibromide	<1.0	
Dibromomethane	<1.0	
trans-1,4-Dichloro-2-butene	<2.0	
Dichlorodifluoromethane	<1.0	
1,1-Dichloroethane	<1.0	
1,2-Dichloroethane	<1.0	
1,1-Dichloroethene	<1.0	
cis-1,2-Dichloroethene	<1.0	
trans-1,2-Dichloroethene	<1.0	
1,2-Dichloropropane	<1.0	
cis-1,3-Dichloropropane	<1.0	
trans-1,3-Dichloropropane	<1.0	
Ethylbenzene	2.5	
Ethyl methacrylate	<1.0	
2-Hexanone	<10	
Iodomethane	<5.0	
Isobutanol	<40	
Methacrylonitrile	<20	
Methylene Chloride	<5.0	
Methyl methacrylate	<1.0	
methyl isobutyl ketone	<10	
Pentachloroethane	<5.0	
Propionitrile	<20	
Styrene	<1.0	

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-MW19-051807

Lab Sample ID: 680-26849-18

Client Matrix: Water

Date Sampled: 05/18/2007 1415
Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/24/2007 1644
Date Prepared: 05/24/2007 1644
Analysis Batch: 680-76035
Instrument ID: GC/MS Volatiles - O C2
Lab File ID: 05182.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	1.1		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		77 - 120
Dibromofluoromethane	110		75 - 123
Toluene-d8 (Sur)	105		79 - 122

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-FD1-051807

Lab Sample ID: 680-26849-19FD

Client Matrix: Water

Date Sampled: 05/18/2007 0000

Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1713
 Date Prepared: 05/24/2007 1713
 Instrument ID: GC/MS Volatiles - O C2
 Lab File ID: 05184.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

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

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-FD1-051807

Lab Sample ID: 680-26849-19FD

Client Matrix: Water

Date Sampled: 05/18/2007 0000
Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/24/2007 1713
Date Prepared: 05/24/2007 1713
Instrument ID: GC/MS Volatiles - O C2
Lab File ID: 05184.d
Initial Weigh/Volume: 5 mL
Final Weigh/Volume: 5 mL

Analysis Batch: 680-76035

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
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		77 - 120
Dibromofluoromethane	108		75 - 123
Toluene-d8 (Sur)	105		79 - 122

Analytical Data

Client: Eco-Systems Inc

Client Sample ID: HER-TB1

Lab Sample ID: 680-26849-20TB

Client Matrix: Water

Date Sampled: 05/17/2007 0000
Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 680-76035 Instrument ID: GC/MS Volatiles - O C2
Preparation: 5030B Lab File ID: 05166.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 05/24/2007 1247 Final Weight/Volume: 5 mL
Date Prepared: 05/24/2007 1247

Analyte	Result (ug/L)	Qualifier	RL
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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
Methyl Ethyl Ketone	<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
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
Methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-TB1
 Lab Sample ID: 680-26849-20TB
 Client Matrix: Water
 Date Sampled: 05/17/2007 0000
 Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1247
 Date Prepared: 05/24/2007 1247
 Instrument ID: GC/MS Volatiles - O C2
 Lab File ID: 05166.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL
 Analysis Batch: 680-76035

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2-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	77 - 120	
Dibromofluoromethane	107	75 - 123	
Toluene-d8 (Sur)	103	79 - 122	

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-TB2
 Lab Sample ID: 680-26849-21TB
 Client Matrix: Water
 Date Sampled: 05/17/2007 0000
 Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1317
 Date Prepared: 05/24/2007 1317
 Analysis Batch: 680-76035
 Instrument ID: GC/MS Volatiles - O C2
 Lab File ID: 05168.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

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
Bromoforn	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<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
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-TB2
 Lab Sample ID: 680-26849-21TB
 Client Matrix: Water
 Date Sampled: 05/17/2007 0000
 Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Preparation: 5030B
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1317
 Date Prepared: 05/24/2007 1317
 Instrument ID: GC/MS Volatiles - O C2
 Lab File ID: 05168.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL
 Analysis Batch: 680-76035

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2-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		77 - 120
Dibromofluoromethane	107		75 - 123
Toluene-d8 (Sum)	104		79 - 122

Job Number: 680-26849-1

Analytical Data

Client: Eco-Systems Inc

Client Sample ID: HER-TB3

Lab Sample ID: 680-26849-22TB

Client Matrix: Water

Date Sampled: 05/17/2007 0000
Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/24/2007 1346
Date Prepared: 05/24/2007 1346
Analysis Batch: 680-76035
Instrument ID: GC/MS Volatiles - O C2
Lab File ID: 05170.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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
Methyl Ethyl Ketone	<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
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-TB3
 Lab Sample ID: 680-26849-22TB
 Client Matrix: Water
 Date Sampled: 05/17/2007 0000
 Date Received: 05/19/2007 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
 Analysis Batch: 680-76035
 Instrument ID: GC/MS Volatiles - O C2
 Lab File ID: 05170.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1346
 Date Prepared: 05/24/2007 1346

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2-Tetrachloroethane	<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		77 - 120
Dibromofluoromethane	108		75 - 123
Toluene-d8 (Sur)	103		79 - 122

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-MW03-051707

Lab Sample ID: 680-26849-8

Client Matrix: Water

Date Sampled: 05/17/2007 1150

Date Received: 05/19/2007 0900

RSK-175 Dissolved Gases in Water

Method:	RSK-175	Analysis Batch:	680-75737	Instrument ID:	GC Volatiles - U FID
Preparation:	N/A	Lab File ID:	U3823.D	Initial Weight/Volume:	
Dilution:	1.0	Date Analyzed:	05/22/2007 1414	Final Weight/Volume:	1000 uL
Date Prepared:	N/A	Injection Volume:	1 uL	Column ID:	PRIMARY
Analyte	Methane	Result (ug/L)	23	Qualifier	RL
					0.19

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-MW02-051707
 Lab Sample ID: 680-26849-9
 Client Matrix: Water
 Date Sampled: 05/17/2007 1330
 Date Received: 05/19/2007 0900

RSK-175 Dissolved Gases in Water

Method: RSK-175
 Analysis Batch: 680-75737
 Instrument ID: GC Volatiles - U FID
 Lab File ID: U3824.D
 Preparation: N/A
 Dilution: 1.0
 Date Analyzed: 05/22/2007 1430
 Date Prepared: N/A
 Initial Weight/Volume: 1000 uL
 Final Weight/Volume: 1 uL
 Injection Volume: PRIMARY
 Column ID: RL
 Instrument ID: GC Volatiles - U FID

Analyte: Methane
 Result (ug/L): 20
 Qualifier: RL
 0.19

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-MW10-051707
 Lab Sample ID: 680-26849-10
 Client Matrix: Water
 Date Sampled: 05/17/2007 1500
 Date Received: 05/19/2007 0900

RSK-175 Dissolved Gases in Water

Method: RSK-175
 Analysis Batch: 680-75737
 Instrument ID: GC Volatiles - U FID
 Lab File ID: U3825.D
 Preparation: N/A
 Dilution: 1.0
 Date Analyzed: 05/22/2007 1447
 Date Prepared: N/A
 Initial Weight/Volume: 1000 uL
 Final Weight/Volume: 1 uL
 Column ID: PRIMARY
 Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Methane	2.7		0.19

Client: Eco-Systems Inc
 Job Number: 680-26849-1

Client Sample ID: HER-MMW11-051707
 Lab Sample ID: 680-26849-11
 Client Matrix: Water
 Date Sampled: 05/17/2007 1700
 Date Received: 05/19/2007 0900

RSK-175 Dissolved Gases In Water

Analyte	Result (ug/L)	Qualifier	RL
Methane	220		0.19

Method: RSK-175
 Analysis Batch: 680-75737
 Instrument ID: GC Volatiles - U FID
 Lab File ID: U3826.D
 Preparation: N/A
 Dilution: 1.0
 Date Analyzed: 05/22/2007 1503
 Date Prepared: N/A
 Final Weight/Volume: 1000 uL
 Injection Volume: 1 uL
 Column ID: PRIMARY

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-MW04-051807

Lab Sample ID: 680-26849-13

Client Matrix: Water

Date Sampled: 05/18/2007 0835

Date Received: 05/19/2007 0900

RSK-175 Dissolved Gases in Water

Method:	Preparation:	Dilution:	Date Analyzed:	Date Prepared:	Instrument ID:	Lab File ID:	Initial Weight/Volume:	Final Weight/Volume:	Injection Volume:	Column ID:	Qualifier	Result (ug/L)	Analyte
RSK-175	N/A	1.0	05/22/2007 1519	N/A	GC Volatiles - U TCD	U3827.D	1000 uL		1 uL	PRIMARY	RL	2500	Methane
Analysis Batch: 680-76047													

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

Client Sample ID: HER-MW05-051807

Lab Sample ID: 680-26849-14

Client Matrix: Water

Date Sampled: 05/18/2007 1000

Date Received: 05/19/2007 0900

RSK-175 Dissolved Gases in Water

Method:	Preparation:	Dilution:	Date Analyzed:	Date Prepared:	Instrument ID:	Lab File ID:	Initial Weight/Volume:	Final Weight/Volume:	Injection Volume:	Column ID:	Qualifier	Result (ug/L)	Analyte
RSK-175	N/A	1.0	05/22/2007 1535	N/A	GC Volatiles - U TCD	U3828.D	1000 uL	1 uL	1 uL	PRIMARY	RL	5000	Methane
Analysis Batch: 680-76047													

Analyte	Result (ug/L)	Qualifier	RL
Methane	160		0.19

Method:		RSK-175
Preparation:	N/A	
Dilution:	1.0	
Date Analyzed:	05/22/2007 1552	
Date Prepared:	N/A	
Analysis Batch: 680-75737		
Instrument ID:	GC Volatiles - U FID	
Lab File ID:	U3829.D	
Initial Weight/Volume:		
Final Weight/Volume:	1000 uL	
Injection Volume:	1 uL	
Column ID:	PRIMARY	

Client:	Eco-Systems Inc
Client Sample ID:	HER-MW12-051807
Lab Sample ID:	680-26849-15
Client Matrix:	Water
Date Sampled:	05/18/2007 1200
Date Received:	05/19/2007 0900

Analytical Data
 Job Number: 680-26849-1

Analyte	Result (ug/L)	Qualifier	RL
Methane	<0.19		0.19

Method: RSK-175		Analysis Batch: 680-75737	
Preparation:	N/A	Instrument ID:	GC Volatiles - U FID
Dilution:	1.0	Lab File ID:	U3830.D
Date Analyzed:	05/22/2007 1608	Initial Weight/Volume:	1000 uL
Date Prepared:	N/A	Final Weight/Volume:	
		Injection Volume:	1 uL
		Column ID:	PRIMARY

Client: Eco-Systems Inc	Client Sample ID: HER-MW06-051807	Lab Sample ID: 680-26849-16	Date Sampled: 05/18/2007 1140
		Client Matrix: Water	Date Received: 05/19/2007 0900

Job Number: 680-26849-1

Analytical Data

Analytical Data	
Client: Eco-Systems Inc	Job Number: 680-26849-1
Client Sample ID: HER-MW18-051807	Date Sampled: 05/18/2007 1315
Lab Sample ID: 680-26849-17	Date Received: 05/19/2007 0900
Client Matrix: Water	
RSK-175 Dissolved Gases in Water	
Method: RSK-175	Instrument ID: GC Volatiles - U TCD
Preparation: N/A	Lab File ID: U3831.D
Dilution: 1.0	Initial Weight/Volume: 1000 uL
Date Analyzed: 05/22/2007 1624	Final Weight/Volume: N/A
Date Prepared: N/A	Injection Volume: 1 uL
	Column ID: PRIMARY
Analyte: Methane	Qualifier: RL
Result (ug/L): 4600	RL: 0.19
Analysis Batch: 680-76047	

Analyte	Result (ug/L)	Qualifier
Methane	7400	RL
Method: RSK-175 Analysis Batch: 680-76047 Instrument ID: GC Volatiles - U TCD Lab File ID: U3832.D Initial Weight/Volume: 1000 uL Final Weight/Volume: Injection Volume: 1 uL Column ID: PRIMARY Date Analyzed: 05/22/2007 1641 Dilution: 1.0 Preparation: N/A Date Prepared: N/A		

RSK-175 Dissolved Gases in Water

Client Sample ID: HER-MW19-051807	Lab Sample ID: 680-26849-18	Client Matrix: Water
Client: Eco-Systems Inc	Date Sampled: 05/18/2007 1415	Date Received: 05/19/2007 0900
Job Number: 680-26849-1		

Analytical Data

Analytical Data

Client: Eco-Systems Inc

Job Number: 680-26849-1

General Chemistry

Client Sample ID: HER-MW03-051707

Lab Sample ID: 680-26849-8

Client Matrix: Water

Date Sampled: 05/17/2007 1150

Date Received: 05/19/2007 0900

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	10		mg/L	2.0	2.0	325.2 Method
Phenolics, Total Recoverable	<0.050		mg/L	0.050	1.0	420.1
Anly Batch: 680-75747	Date Analyzed: 05/22/2007 1330	Date Prepared: 05/22/2007 0745				
Prep Batch: 680-75741						
Anly Batch: 680-76653	Date Analyzed: 06/01/2007 1000					

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	6.1		mg/L	1.0	1.0	310.1 Method
Carbon Dioxide, Free	19		mg/L	1.0	1.0	310.1
Anly Batch: 680-75629	Date Analyzed: 05/23/2007 1400					

Client Sample ID: HER-MW02-051707

Lab Sample ID: 680-26849-9

Client Matrix: Water

Date Sampled: 05/17/2007 1330

Date Received: 05/19/2007 0900

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	4.4		mg/L	1.0	1.0	325.2 Method
Phenolics, Total Recoverable	<0.050		mg/L	0.050	1.0	420.1
Anly Batch: 680-75747	Date Analyzed: 05/22/2007 1330	Date Prepared: 05/22/2007 0745				
Prep Batch: 680-75741						
Anly Batch: 680-76653	Date Analyzed: 06/01/2007 0907					

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	16		mg/L	1.0	1.0	310.1 Method
Carbon Dioxide, Free	9.2		mg/L	1.0	1.0	310.1
Anly Batch: 680-75629	Date Analyzed: 05/23/2007 1405					

Anly Batch: 680-75629

Date Analyzed: 05/23/2007 1405

Analytical Data

Client: Eco-Systems Inc

Job Number: 680-26849-1

General Chemistry

Client Sample ID: HER-MW10-051707
 Lab Sample ID: 680-26849-10
 Client Matrix: Water
 Date Sampled: 05/17/2007 1500
 Date Received: 05/19/2007 0900

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	2.7		mg/L	1.0	1.0	325.2
Phenolics, Total Recoverable						
	<0.050		mg/L	0.050	1.0	420.1
Date Analyzed: 05/22/2007 1330 Date Prepared: 05/22/2007 0745						
Any Batch: 680-75747						
Prep Batch: 680-75741						

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	3.5		mg/L	1.0	1.0	310.1
Date Analyzed: 05/23/2007 1412						
Any Batch: 680-75629						

Carbon Dioxide, Free 3.5
 Any Batch: 680-75629
 Date Analyzed: 05/23/2007 1412

Client Sample ID: HER-MW11-051707
 Lab Sample ID: 680-26849-11
 Client Matrix: Water
 Date Sampled: 05/17/2007 1700
 Date Received: 05/19/2007 0900

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	9.1		mg/L	2.0	2.0	325.2
Date Analyzed: 06/01/2007 1000						
Any Batch: 680-76653						
Phenolics, Total Recoverable						
	<0.050		mg/L	0.050	1.0	420.1
Date Analyzed: 05/22/2007 1330 Date Prepared: 05/22/2007 0745						
Any Batch: 680-75747						
Prep Batch: 680-75741						

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	29		mg/L	1.0	1.0	310.1
Date Analyzed: 05/23/2007 1418						
Any Batch: 680-75629						

Carbon Dioxide, Free 15
 Any Batch: 680-75629
 Date Analyzed: 05/23/2007 1418

Analytical Data

Job Number: 680-26849-1

Client: Eco-Systems Inc

General Chemistry

Client Sample ID: HER-MW04-051807

Lab Sample ID: 680-26849-13

Client Matrix: Water

Date Sampled: 05/18/2007 0835
Date Received: 05/19/2007 0900

Analyte	Result	Qual	Units	Date Analyzed	Prepared	mg/L	Phenolics, Total Recoverable	0.085	0.050	1.0	420.1
Chloride	12		mg/L	06/01/2007 0943	05/22/2007 1330						
Analyte	Result	Qual	Units	Date Analyzed	Prepared	mg/L	Phenolics, Total Recoverable	0.085	0.050	1.0	420.1
Chloride	12		mg/L	06/01/2007 0943	05/22/2007 1330						

Analyte	Result	Qual	Units	Date Analyzed	Prepared	mg/L	Phenolics, Total Recoverable	0.085	0.050	1.0	420.1
Alkalinity	130		mg/L	05/23/2007 1446	05/22/2007 1330						
Carbon Dioxide, Free	21	B	mg/L	05/23/2007 1446	05/22/2007 1330						
Analyte	Result	Qual	Units	Date Analyzed	Prepared	mg/L	Phenolics, Total Recoverable	0.085	0.050	1.0	420.1
Alkalinity	130		mg/L	05/23/2007 1446	05/22/2007 1330						
Carbon Dioxide, Free	21	B	mg/L	05/23/2007 1446	05/22/2007 1330						

Client Sample ID: HER-MW05-051807

Lab Sample ID: 680-26849-14

Client Matrix: Water

Date Sampled: 05/18/2007 1000
Date Received: 05/19/2007 0900

Analyte	Result	Qual	Units	Date Analyzed	Prepared	mg/L	Phenolics, Total Recoverable	<0.050	0.050	1.0	420.1
Chloride	18		mg/L	06/01/2007 0943	05/22/2007 1450						
Analyte	Result	Qual	Units	Date Analyzed	Prepared	mg/L	Phenolics, Total Recoverable	<0.050	0.050	1.0	420.1
Chloride	18		mg/L	06/01/2007 0943	05/22/2007 1450						

Analyte	Result	Qual	Units	Date Analyzed	Prepared	mg/L	Phenolics, Total Recoverable	<0.050	0.050	1.0	420.1
Alkalinity	560		mg/L	05/23/2007 1455	05/22/2007 1450						
Carbon Dioxide, Free	150	B	mg/L	05/23/2007 1455	05/22/2007 1450						
Analyte	Result	Qual	Units	Date Analyzed	Prepared	mg/L	Phenolics, Total Recoverable	<0.050	0.050	1.0	420.1
Alkalinity	560		mg/L	05/23/2007 1455	05/22/2007 1450						
Carbon Dioxide, Free	150	B	mg/L	05/23/2007 1455	05/22/2007 1450						

Analytical Data

Client: Eco-Systems Inc

Job Number: 680-26849-1

General Chemistry

Client Sample ID: HER-MMW12-051807
 Lab Sample ID: 680-26849-15
 Client Matrix: Water
 Date Sampled: 05/18/2007 1200
 Date Received: 05/19/2007 0900

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	4.2		mg/L	1.0	1.0	325.2 Method

Phenolics, Total Recoverable <0.050
 Anyly Batch: 680-75747 Date Analyzed: 05/22/2007 1330
 Prep Batch: 680-75741 Date Prepared: 05/22/2007 0745

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	5.5		mg/L	1.0	1.0	310.1 Method

Carbon Dioxide, Free 10
 Anyly Batch: 680-75629 Date Analyzed: 05/23/2007 1501

Client Sample ID: HER-MMW06-051807

Lab Sample ID: 680-26849-16
 Client Matrix: Water
 Date Sampled: 05/18/2007 1140
 Date Received: 05/19/2007 0900

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	3.9		mg/L	1.0	1.0	325.2 Method

Phenolics, Total Recoverable <0.050
 Anyly Batch: 680-75747 Date Analyzed: 05/22/2007 1330
 Prep Batch: 680-75741 Date Prepared: 05/22/2007 0745

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	31		mg/L	1.0	1.0	310.1 Method

Carbon Dioxide, Free 11
 Anyly Batch: 680-75629 Date Analyzed: 05/23/2007 1507

Analytical Data

Client: Eco-Systems Inc

Job Number: 680-26849-1

General Chemistry

Client Sample ID: HER-MW18-051807

Lab Sample ID: 680-26849-17

Client Matrix: Water

Date Sampled: 05/18/2007 1315
Date Received: 05/19/2007 0900

Analyte	Result	Qual	Units	Date Analyzed	RL	Method
Chloride	97		mg/L	06/01/2007 0943	1.0	DII Method
Phenolics, Total Recoverable	<0.050		mg/L	05/22/2007 1450	0.050	
				05/22/2007 1040		
Analyte	Result	Qual	Units	Date Analyzed	RL	Method
Alkalinity	210		mg/L	05/23/2007 1514	1.0	DII Method
Carbon Dioxide, Free	56	B	mg/L	05/23/2007 1514	1.0	

Client Sample ID: HER-MW19-051807

Lab Sample ID: 680-26849-18

Client Matrix: Water

Date Sampled: 05/18/2007 1415
Date Received: 05/19/2007 0900

Analyte	Result	Qual	Units	Date Analyzed	RL	Method
Chloride	12		mg/L	06/01/2007 1049	2.0	DII Method
Phenolics, Total Recoverable	<0.050		mg/L	05/22/2007 1450	0.050	
				05/22/2007 1040		
Analyte	Result	Qual	Units <td>Date Analyzed</td> <td>RL</td> <td>Method</td>	Date Analyzed	RL	Method
Alkalinity	210		mg/L	05/23/2007 1521	1.0	DII Method
Carbon Dioxide, Free	47	B	mg/L	05/23/2007 1521	1.0	

DATA REPORTING QUALIFIERS

Client: Eco-Systems Inc

Job Number: 680-26849-1

Lab Section	Qualifier	Description
GC/MS VOA	*	LCS or LCSD exceeds the control limits
GC VOA	F	MS or MSD exceeds the control limits
General Chemistry	F	MS or MSD exceeds the control limits
	B	Compound was found in the blank and sample.

QUALITY CONTROL RESULTS

Quality Control Results

Client: Eco-Systems Inc

Job Number: 680-26849-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
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Analysis Batch: 680-76035

LCS 680-76035/2	Lab Control Spike	T	Water	8260B	
MB 680-76035/1	Method Blank	T	Water	8260B	
680-26849-9MS	Matrix Spike	T	Water	8260B	
680-26849-9MSD	Matrix Spike Duplicate	T	Water	8260B	
680-26849-14MS	Matrix Spike	T	Water	8260B	
680-26849-14MSD	Matrix Spike Duplicate	T	Water	8260B	
680-26849-15	HER-MW12-051807	T	Water	8260B	
680-26849-16	HER-MW06-051807	T	Water	8260B	
680-26849-17	HER-MW18-051807	T	Water	8260B	
680-26849-18	HER-MW19-051807	T	Water	8260B	
680-26849-19FD	HER-FD1-051807	T	Water	8260B	
680-26849-20TB	HER-TB1	T	Water	8260B	
680-26849-21TB	HER-TB2	T	Water	8260B	
680-26849-22TB	HER-TB3	T	Water	8260B	

Analysis Batch: 680-76044

LCS 680-76044/9	Lab Control Spike	T	Water	8260B	
MB 680-76044/11	Method Blank	T	Water	8260B	
680-26849-1	HER-CM00-051707	T	Water	8260B	
680-26849-2	HER-CM01-051707	T	Water	8260B	
680-26849-3	HER-CM02-051707	T	Water	8260B	
680-26849-4	HER-CM03-051707	T	Water	8260B	
680-26849-5	HER-CM04-051707	T	Water	8260B	
680-26849-6	HER-CM05-051707	T	Water	8260B	
680-26849-7	HER-RS1-051707	T	Water	8260B	
680-26849-8	HER-MW03-051707	T	Water	8260B	
680-26849-9	HER-MW02-051707	T	Water	8260B	
680-26849-10	HER-MW10-051707	T	Water	8260B	
680-26849-11	HER-MW11-051707	T	Water	8260B	
680-26849-12	HER-RS2-051707	T	Water	8260B	
680-26849-13	HER-MW04-051807	T	Water	8260B	

Report Basis
T = Total

Quality Control Results

Client: Eco-Systems Inc
Job Number: 680-26849-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
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Analysis Batch:680-75737

Lab Control Spike	HER-MW03-051707	T	Water	RSK-175	
Method Blank	HER-MW02-051707	T	Water	RSK-175	
LCS 680-75737/18	HER-MW10-051707	T	Water	RSK-175	
MB 680-75737/19	HER-MW12-051707	T	Water	RSK-175	
680-26849-8	HER-MW06-051807	T	Water	RSK-175	
680-26849-9	HER-MW11-051707	T	Water	RSK-175	
680-26849-9MS	HER-MW18-051807	T	Water	RSK-175	
680-26849-9MSD	HER-MW05-051807	T	Water	RSK-175	
Matrix Spike	HER-MW19-051807	T	Water	RSK-175	
680-26849-10	HER-MW04-051807	T	Water	RSK-175	
680-26849-11	HER-MW05-051807	T	Water	RSK-175	
680-26849-14MSD	HER-MW04-051807	T	Water	RSK-175	
680-26849-14MS	HER-MW18-051807	T	Water	RSK-175	
680-26849-17	HER-MW05-051807	T	Water	RSK-175	
680-26849-18	HER-MW19-051807	T	Water	RSK-175	

Analysis Batch:680-76047

LCS 680-76047/13	HER-MW04-051807	T	Water	RSK-175	
680-26849-13	HER-MW04-051807	T	Water	RSK-175	
680-26849-14	HER-MW05-051807	T	Water	RSK-175	
680-26849-14MSD	HER-MW05-051807	T	Water	RSK-175	
680-26849-17	HER-MW18-051807	T	Water	RSK-175	
680-26849-18	HER-MW19-051807	T	Water	RSK-175	

Report Basis
T = Total

Quality Control Results

Client: Eco-Systems Inc

Job Number: 680-26849-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
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General Chemistry

Analysis Batch:680-75629

680-26849-18	HER-MW19-051807	T	Water	310.1	
680-26849-17	HER-MW18-051807	T	Water	310.1	
680-26849-16	HER-MW06-051807	T	Water	310.1	
680-26849-15	HER-MW12-051807	T	Water	310.1	
680-26849-14	HER-MW05-051807	T	Water	310.1	
680-26849-13	HER-MW04-051807	T	Water	310.1	
680-26849-11	HER-MW11-051707	T	Water	310.1	
680-26849-10	HER-MW10-051707	T	Water	310.1	
680-26849-9	HER-MW02-051707	T	Water	310.1	
680-26849-8	HER-MW03-051707	T	Water	310.1	
MB 680-75629/3	Method Blank	T	Water	310.1	
LCS 680-75629/6	Lab Control Spike	T	Water	310.1	

Prep Batch: 680-75741

LCS 680-75741/2-AA	Lab Control Spike	T	Water	420.1	
MB 680-75741/1-AA	Method Blank	T	Water	420.1	
680-26849-8	HER-MW03-051707	T	Water	420.1	
680-26849-9	HER-MW02-051707	T	Water	420.1	
680-26849-9MS	Matrix Spike	T	Water	420.1	
680-26849-9MSD	Matrix Spike Duplicate	T	Water	420.1	
680-26849-10	HER-MW10-051707	T	Water	420.1	
680-26849-11	HER-MW11-051707	T	Water	420.1	
680-26849-13	HER-MW04-051807	T	Water	420.1	
680-26849-15	HER-MW12-051807	T	Water	420.1	
680-26849-16	Duplicate	T	Water	420.1	
680-26849-16	HER-MW06-051807	T	Water	420.1	
Distill/Phenol		T	Distill/Phenol	420.1	

Analysis Batch:680-75747

LCS 680-75741/2-AA	Lab Control Spike	T	Water	420.1	
MB 680-75741/1-AA	Method Blank	T	Water	420.1	
680-26849-8	HER-MW03-051707	T	Water	420.1	
680-26849-9	HER-MW02-051707	T	Water	420.1	
680-26849-9MS	Matrix Spike	T	Water	420.1	
680-26849-9MSD	Matrix Spike Duplicate	T	Water	420.1	
680-26849-10	HER-MW10-051707	T	Water	420.1	
680-26849-11	HER-MW11-051707	T	Water	420.1	
680-26849-13	HER-MW04-051807	T	Water	420.1	
680-26849-15DU	Duplicate	T	Water	420.1	
680-26849-16	HER-MW06-051807	T	Water	420.1	

Quality Control Results

Client: Eco-Systems Inc
Job Number: 680-26849-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
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General Chemistry

Prep Batch: 680-75821

LCS 680-75821/8-AA	Lab Control Spike	T	Water	Distill/Phenol	680-75821
MB 680-75821/7-AA	Method Blank	T	Water	Distill/Phenol	680-75821
680-26849-14	HER-MW05-051807	T	Water	Distill/Phenol	680-75821
680-26849-14MS	Matrix Spike	T	Water	Distill/Phenol	680-75821
680-26849-14MSD	Matrix Spike Duplicate	T	Water	Distill/Phenol	680-75821
680-26849-17	HER-MW18-051807	T	Water	Distill/Phenol	680-75821
680-26849-17DU	Duplicate	T	Water	Distill/Phenol	680-75821
680-26849-18	HER-MW19-051807	T	Water	Distill/Phenol	680-75821

Analysis Batch: 680-75824

LCS 680-75821/8-AA	Lab Control Spike	T	Water	420.1	680-75821
MB 680-75821/7-AA	Method Blank	T	Water	420.1	680-75821
680-26849-14	HER-MW05-051807	T	Water	420.1	680-75821
680-26849-14MS	Matrix Spike	T	Water	420.1	680-75821
680-26849-14MSD	Matrix Spike Duplicate	T	Water	420.1	680-75821
680-26849-17	HER-MW18-051807	T	Water	420.1	680-75821
680-26849-17DU	Duplicate	T	Water	420.1	680-75821
680-26849-18	HER-MW19-051807	T	Water	420.1	680-75821

Analysis Batch: 680-76534

LCS 680-76534/4	Lab Control Spike	T	Water	325.2	680-76534
MB 680-7653/1	Method Blank	T	Water	325.2	680-76534
680-26849-8	HER-MW03-051707	T	Water	325.2	680-76534
680-26849-9	HER-MW02-051707	T	Water	325.2	680-76534
680-26849-9MS	Matrix Spike	T	Water	325.2	680-76534
680-26849-9MSD	Matrix Spike Duplicate	T	Water	325.2	680-76534
680-26849-10	HER-MW10-051707	T	Water	325.2	680-76534
680-26849-11	HER-MW11-051707	T	Water	325.2	680-76534
680-26849-13	HER-MW04-051807	T	Water	325.2	680-76534
680-26849-14	HER-MW05-051807	T	Water	325.2	680-76534
680-26849-14MS	Matrix Spike	T	Water	325.2	680-76534
680-26849-14MSD	Matrix Spike Duplicate	T	Water	325.2	680-76534
680-26849-15	HER-MW12-051807	T	Water	325.2	680-76534
680-26849-16	HER-MW06-051807	T	Water	325.2	680-76534
680-26849-17	HER-MW18-051807	T	Water	325.2	680-76534
680-26849-18	HER-MW19-051807	T	Water	325.2	680-76534

Report Basis
T = Total

Quality Control Results

Job Number: 680-26849-1

Client: Eco-Systems Inc

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	(BFB) (%Rec)	(DFM) (%Rec)	(TOL) (%Rec)
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LCS 680-76035/2	102	109	104	104
LCS 680-76044/9	105	116	105	105
MB 680-76035/1	98	106	101	101
MB 680-76044/11	103	110	105	105

680-26849-1	104	107	103	103
680-26849-2	103	109	104	104
680-26849-3	104	109	103	103
680-26849-4	102	108	104	104
680-26849-5	103	107	104	104
680-26849-6	102	108	102	102
680-26849-7	103	108	105	105
680-26849-8	103	108	104	104
680-26849-9	102	111	102	102
680-26849-9 MS	107	113	107	107
680-26849-9 MSD	106	112	106	106
680-26849-10	103	109	104	104
680-26849-11	101	110	104	104
680-26849-12	102	108	104	104

Quality Control Results

Job Number: 680-26849-1

Client: Eco-Systems Inc

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

Surrogate	(BFB) (%Rec)	(DFM) (%Rec)	(TOL) (%Rec)
680-26849-13	HER-MW04-051807	104	110
680-26849-14	HER-MW05-051807	99	110
680-26849-14 MS	HER-MW05-051807	100	111
680-26849-14 MSD	HER-MW05-051807	96	107
680-26849-15	HER-MW12-051807	99	107
680-26849-16	HER-MW06-051807	100	106
680-26849-17	HER-MW18-051807	100	107
680-26849-18	HER-MW19-051807	101	110
680-26849-19	HER-FD1-051807	100	108
680-26849-20	HER-TB1	101	107
680-26849-21	HER-TB2	100	107
680-26849-22	HER-TB3	100	108

Acceptance Limits

(BFB)	4-Bromofluorobenzene	77 - 120
(DFM)	Dibromofluoromethane	75 - 123
(TOL)	Toluene-d8 (Surr)	79 - 122

Quality Control Results

Job Number: 680-26849-1

Client: Eco-Systems Inc

Method Blank - Batch: 680-76035

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 680-76035/1
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/24/2007 12:18
 Date Prepared: 05/24/2007 12:18
 Analysis Batch: 680-76035
 Prep Batch: N/A
 Units: ug/L
 Instrument ID: GC/MS Volatiles - O C2
 Lab File ID: 06534.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	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
Methyl Ethyl Ketone	<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
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Job Number: 680-26849-1

Client: Eco-Systems Inc

Method Blank - Batch: 680-76035

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-76035/1	Analysis Batch: 680-76035	Instrument ID: GC/MS Volatiles - O C2
Client Matrix: Water	Prep Batch: N/A	Lab File ID: 0q534.d
Dilution: 1.0	Units: ug/L	Initial Weight/Volume: 5 mL
Date Analyzed: 05/24/2007 1218		Final Weight/Volume: 5 mL
Date Prepared: 05/24/2007 1218		

Analyte	Result	Qual	RL
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
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	77 - 120	
Dibromofluoromethane	106	75 - 123	
Toluene-d8 (Surr)	101	79 - 122	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Job Number: 680-26849-1

Lab Control Spike - Batch: 680-76035

Lab Sample ID: LCS 680-76035/2
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1108
 Date Prepared: 05/24/2007 1108

Analysis Batch: 680-76035
 Prep Batch: N/A
 Units: ug/L

Method: 8260B
 Preparation: 5030B

Instrument ID: GC/MS Volatiles - O C2
 Lab File ID: oq530.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte Spike Amount Result % Rec. Limit Qual

Acetone	100	104	104	20 - 183	
Benzene	50.0	48.7	97	74 - 122	
Dichlorobromomethane	50.0	51.8	104	74 - 128	
Bromomethane	50.0	49.9	100	64 - 132	
Bromomethane	50.0	41.5	83	21 - 176	
Methyl Ethyl Ketone	100	105	105	51 - 142	
Carbon disulfide	50.0	55.4	111	60 - 130	
Carbon tetrachloride	50.0	43.8	88	64 - 137	
Chlorobenzene	50.0	53.9	108	75 - 123	
Chloroethane	50.0	21.6	43	40 - 171	
Chloroform	50.0	52.8	106	74 - 124	
Chlorodibromomethane	50.0	38.9	78	51 - 133	
Chloromethane	50.0	58.3	117	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	52.9	106	14 - 147	
Ethylene Dibromide	50.0	53.3	107	60 - 118	
Dibromomethane	50.0	48.6	97	70 - 130	
Dichlorodifluoromethane	50.0	55.3	111	70 - 130	
1,1-Dichloroethane	50.0	49.9	100	70 - 127	
1,2-Dichloroethane	50.0	47.7	95	68 - 130	
1,1-Dichloroethane	50.0	55.1	110	64 - 132	
cis-1,2-Dichloroethene	50.0	55.8	112	69 - 126	
trans-1,2-Dichloroethene	50.0	55.8	112	67 - 130	
1,2-Dichloropropane	50.0	49.6	99	74 - 123	
cs-1,3-Dichloropropane	50.0	51.8	104	76 - 126	
trans-1,3-Dichloropropane	50.0	53.4	107	75 - 126	
Ethylbenzene	50.0	53.4	107	77 - 123	
2-Hexanone	100	113	113	58 - 139	
Methylene Chloride	50.0	47.1	94	67 - 128	
methyl isobutyl ketone	100	106	106	62 - 130	
Styrene	50.0	56.8	114	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	57.8	116	62 - 107	
1,1,2,2-Tetrachloroethane	50.0	56.3	113	71 - 127	
Tetrachloroethene	50.0	55.0	110	70 - 133	
Toluene	50.0	51.6	103	75 - 122	
1,1,1-Trichloroethane	50.0	49.0	98	70 - 132	
1,1,2-Trichloroethane	50.0	51.3	103	75 - 122	
Trichloroethene	50.0	51.9	104	75 - 122	
Trichlorofluoromethane	50.0	39.3	79	74 - 165	
1,2,3-Trichloropropane	50.0	55.7	111	60 - 147	
Vinyl acetate	100	117	117	47 - 150	
Vinyl chloride	50.0	48.0	96	59 - 136	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Job Number: 680-26849-1

Client: Eco-Systems Inc

Lab Control Spike - Batch: 680-76035

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-76035/2	Analysis Batch: 680-76035	Instrument ID: GC/MS Volatiles - O C2
Client Matrix: Water	Prep Batch: N/A	Lab File ID: 0q530.d
Dilution: 1.0	Units: ug/L	Initial Weigh/Volume: 5 mL
Date Analyzed: 05/24/2007 1108		Final Weigh/Volume: 5 mL
Date Prepared: 05/24/2007 1108		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	165	110	77 - 121	
Surrogate		% Rec	Acceptance Limits		
4-Bromofluorobenzene	102		77 - 120		
Dibromofluoromethane	109		75 - 123		
Toluene-d8 (Surr)	104		79 - 122		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Job Number: 680-26849-1

Client: Eco-Systems Inc

Method: 8260B
Preparation: 5030B

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-76035

MS Lab Sample ID: 680-26849-9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2007 1743
Date Prepared: 05/24/2007 1743
Instrument ID: GC/MS Volatiles - O C2
Lab File ID: 05186.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-26849-9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2007 1813
Date Prepared: 05/24/2007 1813
Instrument ID: GC/MS Volatiles - O C2
Lab File ID: 05188.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analysis Batch: 680-76035
Prep Batch: N/A

MSD Lab Sample ID: 680-26849-9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2007 1813
Date Prepared: 05/24/2007 1813
Instrument ID: GC/MS Volatiles - O C2
Lab File ID: 05188.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	MS	% Rec.	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
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Acetone	107	110	20 - 183	3	50	50		
Benzene	106	106	74 - 122	1	30	30		
Dichlorobromomethane	105	105	74 - 128	0	30	30		
Bromomethane	102	103	64 - 132	1	30	30		
Bromomethane	141	131	21 - 176	8	50	50		
Methyl Ethyl Ketone	103	101	51 - 142	3	30	30		
Carbon disulfide	124	122	60 - 130	2	30	30		
Carbon tetrachloride	98	98	64 - 137	0	30	30		
Chlorobenzene	112	111	75 - 123	1	30	30		
Chloroethane	119	113	40 - 171	5	50	50		
Chloroform	113	112	74 - 124	1	30	30		
Chlorodibromomethane	115	117	75 - 126	1	30	30		
1,2-Dibromo-3-Chloropropane	110	106	14 - 147	4	30	30		
Ethylene Dibromide	103	103	60 - 118	0	30	30		
Dibromomethane	99	99	70 - 130	0	30	30		
Dichlorodifluoromethane	76	74	70 - 130	4	30	30		
1,1-Dichloroethane	116	112	70 - 127	3	30	30		
1,2-Dichloroethane	96	97	68 - 130	1	30	30		
1,1-Dichloroethene	125	121	64 - 132	3	30	30		
cis-1,2-Dichloroethene	117	114	69 - 126	2	30	30		
trans-1,2-Dichloroethene	121	118	67 - 130	3	30	30		
1,2-Dichloropropane	101	103	74 - 123	1	30	30		
cis-1,3-Dichloropropene	102	101	76 - 126	0	30	30		
trans-1,3-Dichloropropene	102	102	75 - 126	0	30	30		
Ethylbenzene	117	115	77 - 123	3	30	30		
2-Hexanone	113	111	58 - 139	2	30	30		
Methylene Chloride	112	110	67 - 128	2	30	30		
methyl isobutyl ketone	105	104	62 - 130	1	30	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Eco-Systems Inc
Job Number: 680-26849-1

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 680-26849-9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2007 1743
Date Prepared: 05/24/2007 1743
MS Lab Sample ID: 680-26849-9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2007 1813
Date Prepared: 05/24/2007 1813
Analysis Batch: 680-76035
Prep Batch: N/A
Lab File ID: 05186.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Instrument ID: GC/MS Volatiles - O C2
Lab File ID: 05188.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Instrument ID: GC/MS Volatiles - O C2

MSD Lab Sample ID: 680-26849-9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2007 1813
Date Prepared: 05/24/2007 1813
MSD Lab Sample ID: 680-26849-9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2007 1813
Date Prepared: 05/24/2007 1813
Analysis Batch: 680-76035
Prep Batch: N/A
Lab File ID: 05188.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Instrument ID: GC/MS Volatiles - O C2

Analyte **MS** **MSD** **% Rec.** **Limit** **RPD** **RPD Limit** **MS Qual** **MSD Qual**

Analyte	MS	MSD	% Rec.	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Styrene	117	116	116	75 - 125	1	30		
1,1,1,2-Tetrachloroethane	120	119	119	62 - 107	1	30		
1,1,2-Tetrachloroethane	118	117	117	71 - 127	0	30		
Tetrachloroethene	121	120	120	70 - 133	1	30		
Toluene	109	109	109	75 - 122	0	30		
1,1,1-Trichloroethane	108	107	107	70 - 132	1	30		
1,1,2-Trichloroethane	102	103	103	75 - 122	1	30		
Trichloroethene	110	109	109	75 - 122	1	30		
Trichlorofluoromethane	115	111	111	74 - 165	3	50		
1,2,3-Trichloropropane	115	116	116	60 - 147	1	30		
Vinyl acetate	90	86	86	47 - 150	4	30		
Vinyl chloride	103	100	100	59 - 136	2	50		
Xylenes, Total	120	117	117	77 - 121	2	30		
Surrogate								
4-Bromofluorobenzene	107	107	107	106			77 - 120	
Dibromofluoromethane	113	113	113	112			75 - 123	
Toluene-d8 (Surr)	107	106	106	106			79 - 122	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 680-26849-14
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2007 1842
Date Prepared: 05/24/2007 1842

MS Lab Sample ID: 680-26849-14
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2007 1912
Date Prepared: 05/24/2007 1912

MSD Lab Sample ID: 680-26849-14
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2007 1912
Date Prepared: 05/24/2007 1912

Analysis Batch: 680-76035
Prep Batch: N/A
Lab File ID: 05192.d
Instrument ID: GC/MS Volatiles - O C2
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte MS % Rec. MSD Limit RPD RPD Limit MS Qual MSD Qual

Acetone	115	102	20 - 183	10	50		
Benzene	103	98	74 - 122	5	30		
Dichlorobromomethane	100	96	74 - 128	5	30		
Bromoform	95	90	64 - 132	5	30		
Bromomethane	119	129	21 - 176	8	50		
Methyl Ethyl Ketone	100	97	51 - 142	3	30		
Carbon disulfide	119	114	60 - 130	5	30		
Carbon tetrachloride	95	93	64 - 137	1	30		
Chlorobenzene	110	105	75 - 123	5	30		
Chloroethane	77	103	40 - 171	29	50		
Chloroform	111	105	74 - 124	5	30		
Chlorodibromomethane	110	104	75 - 126	6	30		
1,2-Dibromo-3-Chloropropane	107	103	14 - 147	4	30		
Ethylene Dibromide	96	94	60 - 118	2	30		
Dibromomethane	94	90	70 - 130	4	30		
Dichlorodifluoromethane	66	66	70 - 130	0	30	F	F
1,1-Dichloroethane	113	108	70 - 127	4	30		
1,2-Dichloroethane	90	87	68 - 130	3	30		
1,1-Dichloroethene	118	114	64 - 132	3	30		
cis-1,2-Dichloroethene	113	107	69 - 126	5	30		
trans-1,2-Dichloroethene	118	114	67 - 130	3	30		
1,2-Dichloropropane	97	94	74 - 123	3	30		
cis-1,3-Dichloropropane	96	94	76 - 126	2	30		
trans-1,3-Dichloropropane	97	92	75 - 126	5	30		
Ethylbenzene	112	108	77 - 123	4	30		
2-Hexanone	107	100	58 - 139	6	30		
Methylene Chloride	107	104	67 - 128	3	30		
methyl isobutyl ketone	100	95	62 - 130	5	30		

Calculations are performed before rounding to avoid round-off errors in calculated results

Quality Control Results

Client: Eco-Systems Inc
Job Number: 680-26849-1

Method: 8260B
Preparation: 5030B

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-76035

MS Lab Sample ID: 680-26849-14	Analysis Batch: 680-76035	Instrument ID: GC/MS Volatiles - O C2
Client Matrix: Water	Prep Batch: N/A	Lab File ID: 05190.d
Dilution: 1.0		Initial Weight/Volume: 5 mL
Date Analyzed: 05/24/2007 1842		Final Weight/Volume: 5 mL
Date Prepared: 05/24/2007 1842		
MS Lab Sample ID: 680-26849-14	Analysis Batch: 680-76035	Instrument ID: GC/MS Volatiles - O C2
Client Matrix: Water	Prep Batch: N/A	Lab File ID: 05192.d
Dilution: 1.0		Initial Weight/Volume: 5 mL
Date Analyzed: 05/24/2007 1912		Final Weight/Volume: 5 mL
Date Prepared: 05/24/2007 1912		

Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
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Styrene	110	105	75 - 125	5	30		
1,1,1,2-Tetrachloroethane	116	109	62 - 107	6	30	F	
1,1,2-Tetrachloroethane	109	105	71 - 127	3	30		
Tetrachloroethene	114	110	70 - 133	4	30		
Toluene	104	102	75 - 122	3	30		
1,1,1-Trichloroethane	104	102	70 - 132	2	30		
1,1,2-Trichloroethane	95	92	75 - 122	4	30		
Trichloroethene	104	103	75 - 122	2	30		
Trichlorofluoromethane	103	106	74 - 165	2	50		
1,2,3-Trichloropropane	109	103	60 - 147	6	30		
Vinyl acetate	85	80	47 - 150	6	30		
Vinyl chloride	96	92	59 - 136	4	50		
Xylenes, Total	114	110	77 - 121	4	30		
Surrogate	MS % Rec	MSD % Rec			Acceptance Limits		
4-Bromofluorobenzene	100	96			77 - 120		
Dibromofluoromethane	111	107			75 - 123		
Toluene-d8 (Sum)	101	99			79 - 122		

Calculations are performed before rounding to avoid round-off errors in calculated results

Quality Control Results

Job Number: 680-26849-1

Client: Eco-Systems Inc

Method Blank - Batch: 680-76044

Lab Sample ID: MB 680-76044/11 Client Matrix: Water Analysis Batch: 680-76044
 Date Analyzed: 05/24/2007 1203 Dilution: 1.0 Prep Batch: N/A
 Date Prepared: 05/24/2007 1203 Initial Weight/Volume: 5 mL Units: ug/L
 Final Weight/Volume: 5 mL Lab File ID: oq533.d
 Instrument ID: GC/MS Volatiles - O Preparation: 5030B Method: 8260B

Analyte	Result	Qual	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
Methyl Ethyl Ketone	<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 Dichloride	<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	<50		50
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<50		50
Methyl methacrylate	<1.0		1.0
Methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Eco-Systems Inc
Job Number: 680-26849-1

Method Blank - Batch: 680-76044

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-76044/11 Analysis Batch: 680-76044 Instrument ID: GC/MS Volatiles - O

Client Matrix: Water Prep Batch: N/A Lab File ID: oq533.d

Dilution: 1.0 Units: ug/L Initial Weight/Volume: 5 mL

Date Analyzed: 05/24/2007 1203 Date Prepared: 05/24/2007 1203 Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
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Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
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
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4-Bromofluorobenzene	103	77 - 120
Dibromofluoromethane	110	75 - 123
Toluene-d8 (Surr)	105	79 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Job Number: 680-26849-1

Client: Eco-Systems Inc

Lab Control Spike - Batch: 680-76044

Lab Sample ID: LCS 680-76044/9
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/24/2007 1053
 Date Prepared: 05/24/2007 1053
 Analysis Batch: 680-76044
 Prep Batch: N/A
 Units: ug/L
 Instrument ID: GC/MS Volatiles - O
 Lab File ID: oq529.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Method: 8260B
 Preparation: 5030B

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	110	110	20 - 183	
Benzene	50.0	48.9	98	74 - 122	
Dichlorobromomethane	50.0	51.9	104	74 - 128	
Bromoform	50.0	51.9	104	64 - 132	
Bromomethane	50.0	44.4	89	21 - 176	
Methyl Ethyl Ketone	100	111	111	51 - 142	
Carbon disulfide	50.0	59.4	119	60 - 130	
Carbon tetrachloride	50.0	44.0	88	64 - 137	
Chlorobenzene	50.0	54.7	109	75 - 123	
Chloroethane	50.0	45.1	90	40 - 171	
Chloroform	50.0	56.8	114	74 - 124	
Chloromethane	50.0	53.1	106	51 - 133	
Chlorodibromomethane	50.0	59.2	118	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	54.4	109	14 - 147	
Ethylene Dibromide	50.0	52.9	106	60 - 118	
Dibromomethane	50.0	49.6	99	70 - 130	
Dichlorodifluoromethane	50.0	50.5	101	70 - 130	
1,1-Dichloroethane	50.0	52.9	106	70 - 127	
1,2-Dichloroethane	50.0	45.8	92	68 - 130	
1,1-Dichloroethene	50.0	51.2	102	64 - 132	
cis-1,2-Dichloroethene	50.0	59.5	119	69 - 126	
trans-1,2-Dichloroethene	50.0	59.7	119	67 - 130	
1,2-Dichloropropane	50.0	50.7	101	74 - 123	
cis-1,3-Dichloropropane	50.0	52.7	105	76 - 126	
trans-1,3-Dichloropropane	50.0	53.9	108	75 - 126	
Ethylbenzene	50.0	54.9	110	77 - 123	
2-Hexanone	100	113	113	58 - 139	
Methylene Chloride	50.0	51.4	103	67 - 128	
methyl isobutyl ketone	100	106	106	62 - 130	
Styrene	50.0	59.0	118	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	59.4	119	62 - 107	
1,1,2,2-Tetrachloroethane	50.0	57.5	115	71 - 127	
Tetrachloroethene	50.0	58.0	116	70 - 133	
Toluene	50.0	51.7	103	75 - 122	
1,1,1-Trichloroethane	50.0	50.6	101	70 - 132	
1,1,2-Trichloroethane	50.0	50.8	102	75 - 122	
Trichloroethene	50.0	52.7	105	75 - 122	
Trichlorofluoromethane	50.0	52.7	105	74 - 165	
1,2,3-Trichloropropane	50.0	59.3	119	60 - 147	
Vinyl acetate	100	122	122	47 - 150	
Vinyl chloride	50.0	54.4	109	59 - 136	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Job Number: 680-26849-1

Client: Eco-Systems Inc

Lab Control Spike - Batch: 680-76044

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-76044/9
 Client Matrix: Water
 Analysis Batch: 680-76044
 Instrument ID: GC/MS Volatiles - O
 Lab File ID: oq529.d
 Prep Batch: N/A
 Units: ug/L
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL
 Date Analyzed: 05/24/2007 1053
 Date Prepared: 05/24/2007 1053

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	167	111	77 - 121	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene	105			77 - 120	
Dibromofluoromethane	116			75 - 123	
Toluene-d8 (Surr)	105			79 - 122	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Eco-Systems Inc

Job Number: 680-26849-1

Method Blank - Batch: 680-75737

Method: RSK-175
Preparation: N/A

Lab Sample ID: MB 680-75737/19
 Analysis Batch: 680-75737
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/22/2007 1046
 Date Prepared: N/A
 Units: ug/L
 Instrument ID: GC Volatiles - U FID
 Lab File ID: UQ1495.D
 Initial Weight/Volume: 1000 uL
 Final Weight/Volume: 1000 uL
 Injection Volume: 1 uL

Analyte	Result	Qual
Methane	<0.19	RL

Lab Control Spike - Batch: 680-75737

Method: RSK-175
Preparation: N/A

Lab Sample ID: LCS 680-75737/18
 Analysis Batch: 680-75737
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/22/2007 0824
 Date Prepared: N/A
 Units: ug/L
 Instrument ID: GC Volatiles - U FID
 Lab File ID: UQ1491.D
 Initial Weight/Volume: 1000 uL
 Final Weight/Volume: 1000 uL
 Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Methane	150	171	114	75 - 125	

Matrix Spike Duplicate Recovery Report - Batch: 680-75737

Method: RSK-175
Preparation: N/A

MS Lab Sample ID: 680-26849-9
 Analysis Batch: 680-75737
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/22/2007 1729
 Date Prepared: N/A
 Instrument ID: GC Volatiles - U FID
 Lab File ID: U3835.D
 Initial Weight/Volume: 1000 uL
 Final Weight/Volume: 1000 uL
 Injection Volume: 1 uL

MSD Lab Sample ID: 680-26849-9
 Analysis Batch: 680-75737
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/22/2007 1746
 Date Prepared: N/A
 Instrument ID: GC Volatiles - U FID
 Lab File ID: U3836.D
 Initial Weight/Volume: 1000 uL
 Final Weight/Volume: 1000 uL
 Injection Volume: 1 uL

Analyte	% Rec.	MSD	MSD	Limit	RPD	RPD	MS Qual	MSD Qual
Methane	109	108	75 - 125	2	30			

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Job Number: 680-26849-1

Client: Eco-Systems Inc

Lab Control Spike - Batch: 680-76047

Method: RSK-175
Preparation: N/A

Lab Sample ID: LCS 680-76047/13
Analysis Batch: 680-76047
Instrument ID: GC Volatiles - U TCD
Lab File ID: UQ1493.D
Initial Weight/Volume: 1000 uL
Final Weight/Volume:
Injection Volume: 1 uL

Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2007 0906
Date Prepared: N/A

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Methane	1900	1980	104	75 - 125	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-76047**

Method: RSK-175
Preparation: N/A

MS Lab Sample ID: 680-26849-14
Analysis Batch: 680-76047
Instrument ID: GC Volatiles - U TCD
Lab File ID: U3837.D
Initial Weight/Volume: 1000 uL
Final Weight/Volume:
Injection Volume: 1 uL

Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2007 1802
Date Prepared: N/A

MSD Lab Sample ID: 680-26849-14
Analysis Batch: 680-76047
Instrument ID: GC Volatiles - U TCD
Lab File ID: U3838.D
Initial Weight/Volume: 1000 uL
Final Weight/Volume:
Injection Volume: 1 uL

Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2007 1818
Date Prepared: N/A

Analyte	MS % Rec.	MSD Limit	RPD Limit	RPD MS Qual	MSD MSD Qual
Methane	123	171	75 - 125	12	30

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Job Number: 680-26849-1

Client: Eco-Systems Inc

Method Blank - Batch: 680-75629

Method: 310.1
Preparation: N/A

Lab Sample ID: MB 680-75629/3
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/23/2007 1222
 Date Prepared: N/A
 Instrument ID: Titrator
 Lab File ID: N/A
 Initial Weight/Volume:
 Final Weight/Volume: 25 mL

Analyte	Result	Qual	RL
Alkalinity	<1.0		1.0
Carbon Dioxide, Free	<1.0		1.0

Lab Control Spike - Batch: 680-75629

Method: 310.1
Preparation: N/A

Lab Sample ID: LCS 680-75629/6
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/23/2007 1234
 Date Prepared: N/A
 Instrument ID: Titrator
 Lab File ID: N/A
 Initial Weight/Volume:
 Final Weight/Volume: 25 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Alkalinity	352	328	93	80 - 120	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Job Number: 680-26849-1

Client: Eco-Systems Inc

Method Blank - Batch: 680-76653

Method: 325.2
Preparation: N/A

Lab Sample ID: MB 680-76653/1
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 06/01/2007 0907
 Date Prepared: N/A
 Instrument ID: Konelab1
 Lab File ID: N/A
 Initial Weigh/Volume: 2 mL
 Final Weigh/Volume: 2 mL

Analyte	Result	Qual
Chloride	<1.0	RL

Lab Control Spike - Batch: 680-76653

Method: 325.2
Preparation: N/A

Lab Sample ID: LCS 680-76653/4
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 06/01/2007 0914
 Date Prepared: N/A
 Instrument ID: Konelab1
 Lab File ID: N/A
 Initial Weigh/Volume: 2 mL
 Final Weigh/Volume: 2 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloride	50.0	47.2	94	85 - 115	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Job Number: 680-26849-1

Client: Eco-Systems Inc

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-76653
Method: 325.2
Preparation: N/A

MS Lab Sample ID: 680-26849-9
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 06/01/2007 0914
 Date Prepared: N/A

MS Lab Sample ID: 680-26849-9
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 06/01/2007 0914
 Date Prepared: N/A

MSD Lab Sample ID: 680-26849-9
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 06/01/2007 0914
 Date Prepared: N/A

MSD Lab Sample ID: 680-26849-9
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 06/01/2007 0914
 Date Prepared: N/A

Analyte	MS	MSD	Limit	RPD	RPD	MS Qual	MSD Qual
Chloride	93	93	85 - 115	0	0	30	

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-76653
Method: 325.2
Preparation: N/A

MS Lab Sample ID: 680-26849-14
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 06/01/2007 0914
 Date Prepared: N/A

MS Lab Sample ID: 680-26849-14
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 06/01/2007 0914
 Date Prepared: N/A

MSD Lab Sample ID: 680-26849-14
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 06/01/2007 0914
 Date Prepared: N/A

MSD Lab Sample ID: 680-26849-14
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 06/01/2007 0914
 Date Prepared: N/A

Analyte	MS	MSD	Limit	RPD	RPD	MS Qual	MSD Qual
Chloride	89	90	85 - 115	1	1	30	

Calculations are performed before rounding to avoid round-off errors in calculated results

Quality Control Results

Job Number: 680-26849-1

Client: Eco-Systems Inc

Method Blank - Batch: 680-75741

Method: 420.1
Preparation: Distill/Phenol

Lab Sample ID: MB 680-75741/1-AA
Analysis Batch: 680-75747
Prep Batch: 680-75741
Lab File ID: N/A
Instrument ID: No Equipment Assigned

Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2007 1330
Date Prepared: 05/22/2007 0745
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte: Phenolics, Total Recoverable
Result: <0.050
Qual: RL
0.050

Lab Control Spike - Batch: 680-75741

Method: 420.1
Preparation: Distill/Phenol

Lab Sample ID: LCS 680-75741/2-AA
Analysis Batch: 680-75747
Prep Batch: 680-75741
Lab File ID: N/A
Instrument ID: No Equipment Assigned

Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2007 1330
Date Prepared: 05/22/2007 0745
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte: Phenolics, Total Recoverable
Spike Amount: 0.250
Result: 0.217
% Rec: 87
Limit: 75 - 125
Qual

Matrix Spike Duplicate Recovery Report - Batch: 680-75741

Method: 420.1
Preparation: Distill/Phenol

MS Lab Sample ID: 680-26849-9
Analysis Batch: 680-75747
Prep Batch: 680-75741
Lab File ID: N/A
Instrument ID: No Equipment Assigned

Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/22/2007 1330
Date Prepared: 05/22/2007 0745
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

MSD Lab Sample ID: 680-26849-9
Analysis Batch: 680-75747
Prep Batch: 680-75741
Lab File ID: N/A
Instrument ID: No Equipment Assigned

Analyte: Phenolics, Total Recoverable
MSD
MSD
Limit
Limit
RPD
RPD
MS Qual
MSD Qual
MSD Qual
MSD Qual

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Job Number: 680-26849-1

Client: Eco-Systems Inc

Duplicate - Batch: 680-75741

Lab Sample ID: 680-26849-15
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/22/2007 1330
 Date Prepared: 05/22/2007 0745
 Analysis Batch: 680-75747
 Prep Batch: 680-75741
 Units: mg/L
 Instrument ID: No Equipment Assigned
 Lab File ID: N/A
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

Method: 420.1
 Preparation: Distill/Phenol

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Phenolics, Total Recoverable	<0.050	0.0	NC	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Job Number: 680-26849-1

Client: Eco-Systems Inc

Method Blank - Batch: 680-75821

Method: 420.1
Preparation: Distill/Phenol

Lab Sample ID: MB 680-75821/7-AA
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/22/2007 1450
 Date Prepared: 05/22/2007 1040
 Analysis Batch: 680-75824
 Prep Batch: 680-75821
 Units: mg/L
 Instrument ID: No Equipment Assigned
 Lab File ID: N/A
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

Analyte Result Qual

0.050
RL

Phenolics, Total Recoverable

Lab Control Spike - Batch: 680-75821

Method: 420.1
Preparation: Distill/Phenol

Lab Sample ID: LCS 680-75821/8-AA
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/22/2007 1450
 Date Prepared: 05/22/2007 1040
 Analysis Batch: 680-75824
 Prep Batch: 680-75821
 Units: mg/L
 Instrument ID: No Equipment Assigned
 Lab File ID: N/A
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

Analyte Spike Amount Result % Rec. Limit Qual

Phenolics, Total Recoverable

0.250 0.242 97 75 - 125

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-75821

MS Lab Sample ID: 680-26849-14
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/22/2007 1450
 Date Prepared: 05/22/2007 1040
 Analysis Batch: 680-75824
 Prep Batch: 680-75821
 Instrument ID: No Equipment Assigned
 Lab File ID: N/A
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

MSD Lab Sample ID: 680-26849-14
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/22/2007 1450
 Date Prepared: 05/22/2007 1040
 Analysis Batch: 680-75824
 Prep Batch: 680-75821
 Instrument ID: No Equipment Assigned
 Lab File ID: N/A
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

MSD Lab Sample ID: 680-26849-14
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/22/2007 1450
 Date Prepared: 05/22/2007 1040
 Analysis Batch: 680-75824
 Prep Batch: 680-75821
 Instrument ID: No Equipment Assigned
 Lab File ID: N/A
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

Analyte % Rec. MSD Limit RPD RPD Limit MS Qual MSD Qual
 Phenolics, Total Recoverable 100 93 75 - 125 7 30

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Job Number: 680-26849-1

Client: Eco-Systems Inc

Duplicate - Batch: 680-75821

**Method: 420.1
Preparation: Distill/Phenol**

Lab Sample ID: 680-26849-17	Analysis Batch: 680-75824	Instrument ID: No Equipment Assigned
Client Matrix: Water	Prep Batch: 680-75821	Lab File ID: N/A
Dilution: 1.0	Units: mg/L	Initial Weight/Volume: 100 mL
Date Analyzed: 05/22/2007 1450		Final Weight/Volume: 100 mL
Date Prepared: 05/22/2007 1040		

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Phenolics, Total Recoverable	<0.050	0.0	NC	30	

Calculations are performed before rounding to avoid round-off errors in calculated results.