Client: Eco-Systems Inc

Job Number: 680-19887-1

Client Sample ID: **HER-FD2-082906**

Lab Sample ID: 680-19887-26FD
Client Matrix: Water

Date Sampled: 08/29/2006 0000
Date Received: 09/02/2006 0846

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 09/07/2006 0726
Date Prepared: 09/07/2006 0726

Analysis Batch: 680-54287

Instrument ID: GC/MS Volatiles - P
Lab File ID: p1161.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	1.8		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	113	77 - 120
Dibromofluoromethane	109	75 - 123
Toluene-d8 (Surr)	106	79 - 122

Client: Eco-Systems Inc

Job Number: 680-19887-1

Client Sample ID: **HER-FD3-083006**

Lab Sample ID: 680-19887-27FD
Client Matrix: Water

Date Sampled: 08/30/2006 0000
Date Received: 09/02/2006 0846

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 09/08/2006 1403
Date Prepared: 09/08/2006 1403

Analysis Batch: 680-54447

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0004.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	10		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	5.9		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: 680-19887-1

Client Sample ID: **HER-FD3-083006**

Lab Sample ID: 680-19887-27FD
Client Matrix: Water

Date Sampled: 08/30/2006 0000
Date Received: 09/02/2006 0846

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 09/08/2006 1403
Date Prepared: 09/08/2006 1403

Analysis Batch: 680-54447

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0004.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	102	77 - 120
Dibromofluoromethane	104	75 - 123
Toluene-d8 (Surr)	100	79 - 122

Client: Eco-Systems Inc

Job Number: 680-19887-1

Client Sample ID: **HER-RS1-082906**

Lab Sample ID: 680-19887-28EB
Client Matrix: Water

Date Sampled: 08/29/2006 1730
Date Received: 09/02/2006 0846

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 09/07/2006 0752
Date Prepared: 09/07/2006 0752

Analysis Batch: 680-54287

Instrument ID: GC/MS Volatiles - P
Lab File ID: p1163.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	1.3		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: 680-19887-1

Client Sample ID: **HER-RS1-082906**

Lab Sample ID: 680-19887-28EB
Client Matrix: Water

Date Sampled: 08/29/2006 1730
Date Received: 09/02/2006 0846

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 09/07/2006 0752
Date Prepared: 09/07/2006 0752

Analysis Batch: 680-54287

Instrument ID: GC/MS Volatiles - P
Lab File ID: p1163.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	113	77 - 120
Dibromofluoromethane	114	75 - 123
Toluene-d8 (Surr)	108	79 - 122

Client: Eco-Systems Inc

Job Number: 680-19887-1

Client Sample ID: **HER-RS2-082906**

Lab Sample ID: 680-19887-29EB
Client Matrix: Water

Date Sampled: 08/30/2006 0800
Date Received: 09/02/2006 0846

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 09/08/2006 1432
Date Prepared: 09/08/2006 1432

Analysis Batch: 680-54447

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0006.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: 680-19887-1

Client Sample ID: **HER-RS2-082906**

Lab Sample ID: 680-19887-29EB
Client Matrix: Water

Date Sampled: 08/30/2006 0800
Date Received: 09/02/2006 0846

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 09/08/2006 1432
Date Prepared: 09/08/2006 1432

Analysis Batch: 680-54447

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0006.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	101	75 - 123
Toluene-d8 (Surr)	100	79 - 122

Client: Eco-Systems Inc

Job Number: 680-19887-1

Client Sample ID: **HER-MW8-EFF-082806**

Lab Sample ID: 680-19887-30
Client Matrix: Water

Date Sampled: 08/28/2006 1530
Date Received: 09/02/2006 0846

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 09/07/2006 0817
Date Prepared: 09/07/2006 0817

Analysis Batch: 680-54287

Instrument ID: GC/MS Volatiles - P
Lab File ID: p1165.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: 680-19887-1

Client Sample ID: **HER-MW8-EFF-082806**

Lab Sample ID: 680-19887-30
Client Matrix: Water

Date Sampled: 08/28/2006 1530
Date Received: 09/02/2006 0846

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 09/07/2006 0817
Date Prepared: 09/07/2006 0817

Analysis Batch: 680-54287

Instrument ID: GC/MS Volatiles - P
Lab File ID: p1165.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	115	77 - 120
Dibromofluoromethane	112	75 - 123
Toluene-d8 (Surr)	108	79 - 122

Client: Eco-Systems Inc

Job Number: 680-19887-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 680-19887-31TB
Client Matrix: Water

Date Sampled: 08/28/2006 0000
Date Received: 09/02/2006 0846

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 09/07/2006 0455
Date Prepared: 09/07/2006 0455

Analysis Batch: 680-54287

Instrument ID: GC/MS Volatiles - P
Lab File ID: p1149.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: 680-19887-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 680-19887-31TB
Client Matrix: Water

Date Sampled: 08/28/2006 0000
Date Received: 09/02/2006 0846

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 09/07/2006 0455
Date Prepared: 09/07/2006 0455

Analysis Batch: 680-54287

Instrument ID: GC/MS Volatiles - P
Lab File ID: p1149.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	112	77 - 120
Dibromofluoromethane	107	75 - 123
Toluene-d8 (Surr)	108	79 - 122

DATA REPORTING QUALIFIERS

Client: Eco-Systems Inc

Job Number: 680-19887-1

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits
	F	MS or MSD exceeds the control limits
	E	Result exceeded calibration range, secondary dilution required.
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

QUALITY CONTROL RESULTS

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:680-54198					
LCS 680-54198/4	Lab Control Spike	T	Water	8260B	
MB 680-54198/5	Method Blank	T	Water	8260B	
680-19887-1	HER-CM00-082906	T	Water	8260B	
680-19887-2	HER-CM01-082906	T	Water	8260B	
680-19887-3	HER-CM02-082906	T	Water	8260B	
680-19887-4	HER-CM03-082906	T	Water	8260B	
Analysis Batch:680-54287					
LCS 680-54287/3	Lab Control Spike	T	Water	8260B	
MB 680-54287/4	Method Blank	T	Water	8260B	
680-19887-5	HER-CM04-082906	T	Water	8260B	
680-19887-5MS	Matrix Spike	T	Water	8260B	
680-19887-5MSD	Matrix Spike Duplicate	T	Water	8260B	
680-19887-6	HER-CM05-082906	T	Water	8260B	
680-19887-7	HER-MW02-082906	T	Water	8260B	
680-19887-7MS	Matrix Spike	T	Water	8260B	
680-19887-7MSD	Matrix Spike Duplicate	T	Water	8260B	
680-19887-8	HER-MW03-082906	T	Water	8260B	
680-19887-10	HER-MW05-082906	T	Water	8260B	
680-19887-11	HER-MW06-082906	T	Water	8260B	
680-19887-16	HER-MW11-082906	T	Water	8260B	
680-19887-17	HER-MW12-082906	T	Water	8260B	
680-19887-18	HER-MW13-082906	T	Water	8260B	
680-19887-25FD	HER-FD1-082906	T	Water	8260B	
680-19887-26FD	HER-FD2-082906	T	Water	8260B	
680-19887-28EB	HER-RS1-082906	T	Water	8260B	
680-19887-30	HER-MW8-EFF-082806	T	Water	8260B	
680-19887-31TB	TRIP BLANK	T	Water	8260B	
Analysis Batch:680-54446					
LCS 680-54446/5	Lab Control Spike	T	Water	8260B	
MB 680-54446/6	Method Blank	T	Water	8260B	
680-19887-19	HER-MW14-083006	T	Water	8260B	
680-19887-20	HER-MW15-083006	T	Water	8260B	
680-19887-21	HER-MW16-083006	T	Water	8260B	
680-19887-21MS	Matrix Spike	T	Water	8260B	
680-19887-21MSD	Matrix Spike Duplicate	T	Water	8260B	

Client: Eco-Systems Inc

Job Number: 680-19887-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:680-54447					
LCS 680-54447/5	Lab Control Spike	T	Water	8260B	
MB 680-54447/6	Method Blank	T	Water	8260B	
680-19887-13	HER-MW08-082906	T	Water	8260B	
680-19887-22	HER-MW17-083006	T	Water	8260B	
680-19887-24	HER-MW19-083006	T	Water	8260B	
680-19887-27FD	HER-FD3-083006	T	Water	8260B	
680-19887-29EB	HER-RS2-082906	T	Water	8260B	
Analysis Batch:680-54539					
LCS 680-54539/9	Lab Control Spike	T	Water	8260B	
MB 680-54539/6	Method Blank	T	Water	8260B	
680-19887-9	HER-MW04-082906	T	Water	8260B	
680-19887-12	HER-MW07-083006	T	Water	8260B	
680-19887-13DL	HER-MW08-082906	T	Water	8260B	
680-19887-14	HER-MW09-083006	T	Water	8260B	
680-19887-15	HER-MW10-082906	T	Water	8260B	
680-19887-22DL	HER-MW17-083006	T	Water	8260B	
680-19887-23	HER-MW18-083006	T	Water	8260B	

Report Basis
T = Total

Client: Eco-Systems Inc

Job Number: 680-19887-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample	(BFB) (%Rec)	(DBFM) (%Rec)	(TOL) (%Rec)
LCS 680-54198/4		114	108	103
LCS 680-54287/3		116	103	103
LCS 680-54446/5		99	106	104
LCS 680-54447/5		104	104	100
LCS 680-54539/9		118	94	101
MB 680-54198/5		116	116	108
MB 680-54287/4		115	113	108
MB 680-54446/6		95	97	102
MB 680-54447/6		101	104	98
MB 680-54539/6		100	106	99
680-19887-1	HER-CM00-082906	114	111	109
680-19887-2	HER-CM01-082906	114	113	107
680-19887-3	HER-CM02-082906	115	112	111
680-19887-4	HER-CM03-082906	117	111	107
680-19887-5	HER-CM04-082906	113	117	109
680-19887-5MS	HER-CM04-082906	113	109	108
680-19887-5MSD	HER-CM04-082906	116	111	109
680-19887-6	HER-CM05-082906	112	114	109
680-19887-7	HER-MW02-082906	116	111	107
680-19887-7MS	HER-MW02-082906	118	109	107
680-19887-7MSD	HER-MW02-082906	114	111	104
680-19887-8	HER-MW03-082906	114	118	113
680-19887-9	HER-MW04-082906	102	104	100
680-19887-10	HER-MW05-082906	113	115	109
680-19887-11	HER-MW06-082906	116	112	107

		(BFB) (%Rec)	(DBFM) (%Rec)	(TOL) (%Rec)
680-19887-12	HER-MW07-083006	99	102	98
680-19887-13	HER-MW08-082906	107	111	100
680-19887-13DL	HER-MW08-082906	102	99	97
680-19887-14	HER-MW09-083006	104	104	101
680-19887-15	HER-MW10-082906	101	105	100
680-19887-16	HER-MW11-082906	114	110	107
680-19887-17	HER-MW12-082906	114	112	108
680-19887-18	HER-MW13-082906	114	112	108
680-19887-19	HER-MW14-083006	92	107	102
680-19887-20	HER-MW15-083006	98	106	102
680-19887-21	HER-MW16-083006	99	102	98
680-19887-21MS	HER-MW16-083006	104	107	107
680-19887-21MSD	HER-MW16-083006	101	106	108
680-19887-22	HER-MW17-083006	113	109	100
680-19887-22DL	HER-MW17-083006	103	99	100
680-19887-23	HER-MW18-083006	101	106	99
680-19887-24	HER-MW19-083006	101	107	99
680-19887-25FD	HER-FD1-082906	110	112	108
680-19887-26FD	HER-FD2-082906	113	109	106
680-19887-27FD	HER-FD3-083006	102	104	100
680-19887-28EB	HER-RS1-082906	113	114	108
680-19887-29EB	HER-RS2-082906	103	101	100
680-19887-30	HER-MW8-EFF-082806	115	112	108
680-19887-31TB	TRIP BLANK	112	107	108

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene	77 - 120
(DBFM)	Dibromofluoromethane	75 - 123
(TOL)	Toluene-d8 (Surr)	79 - 122

Client: Eco-Systems Inc

Job Number: 680-19887-1

Method Blank - Batch: 680-54198

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-54198/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/06/2006 1145
Date Prepared: 09/06/2006 1145

Analysis Batch: 680-54198
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq543.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.

Client: Eco-Systems Inc

Job Number: 680-19887-1

Method Blank - Batch: 680-54198

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-54198/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/06/2006 1145
Date Prepared: 09/06/2006 1145

Analysis Batch: 680-54198
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq543.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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	116	77 - 120
Dibromofluoromethane	116	75 - 123
Toluene-d8 (Surr)	108	79 - 122

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

Client: Eco-Systems Inc

Job Number: 680-19887-1

Lab Control Spike - Batch: 680-54198

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-54198/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/06/2006 1054
Date Prepared: 09/06/2006 1054

Analysis Batch: 680-54198
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq541.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	102	102	20 - 183	
Benzene	50.0	49.8	100	74 - 122	
Dichlorobromomethane	50.0	54.1	108	74 - 128	
Bromoform	50.0	63.8	128	64 - 132	
Bromomethane	50.0	56.8	114	21 - 176	
Methyl Ethyl Ketone	100	91.1	91	51 - 142	
Carbon disulfide	50.0	56.9	114	60 - 130	
Carbon tetrachloride	50.0	59.3	119	64 - 137	
Chlorobenzene	50.0	57.6	115	75 - 123	
Chloroethane	50.0	59.5	119	40 - 171	
Chloroform	50.0	52.7	105	74 - 124	
Chloromethane	50.0	50.7	101	51 - 133	
Chlorodibromomethane	50.0	58.0	116	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	45.9	92	14 - 147	
Ethylene Dibromide	50.0	50.2	100	60 - 118	
Dibromomethane	50.0	51.0	102	70 - 130	
Dichlorodifluoromethane	50.0	62.3	125	70 - 130	
1,1-Dichloroethane	50.0	51.1	102	70 - 127	
1,2-Dichloroethane	50.0	53.4	107	68 - 130	
1,1-Dichloroethene	50.0	59.9	120	64 - 132	
cis-1,2-Dichloroethene	50.0	50.9	102	69 - 126	
trans-1,2-Dichloroethene	50.0	54.3	109	67 - 130	
1,2-Dichloropropane	50.0	47.3	95	74 - 123	
cis-1,3-Dichloropropene	50.0	53.5	107	76 - 126	
trans-1,3-Dichloropropene	50.0	55.1	110	75 - 126	
Ethylbenzene	50.0	54.8	110	77 - 123	
2-Hexanone	100	115	115	58 - 139	
Methylene Chloride	50.0	51.6	103	67 - 128	
methyl isobutyl ketone	100	86.1	86	62 - 130	
Styrene	50.0	56.2	112	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	59.9	120	62 - 107	*
1,1,2,2-Tetrachloroethane	50.0	49.4	99	71 - 127	
Tetrachloroethene	50.0	64.6	129	70 - 133	
Toluene	50.0	51.4	103	75 - 122	
1,1,1-Trichloroethane	50.0	56.9	114	70 - 132	
1,1,2-Trichloroethane	50.0	45.7	91	75 - 122	
Trichloroethene	50.0	55.3	111	75 - 122	
Trichlorofluoromethane	50.0	61.7	123	74 - 165	
1,2,3-Trichloropropane	50.0	52.7	105	60 - 147	
Vinyl acetate	100	104	104	47 - 150	
Vinyl chloride	50.0	53.3	107	59 - 136	

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

Client: Eco-Systems Inc

Job Number: 680-19887-1

Lab Control Spike - Batch: 680-54198

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-54198/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/06/2006 1054
Date Prepared: 09/06/2006 1054

Analysis Batch: 680-54198
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq541.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	165	110	77 - 121	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	114	77 - 120
Dibromofluoromethane	108	75 - 123
Toluene-d8 (Surr)	103	79 - 122

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

Client: Eco-Systems Inc

Job Number: 680-19887-1

Method Blank - Batch: 680-54287

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-54287/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/07/2006 0032
Date Prepared: 09/07/2006 0032

Analysis Batch: 680-54287
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq551.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.

Client: Eco-Systems Inc

Job Number: 680-19887-1

Method Blank - Batch: 680-54287

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-54287/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/07/2006 0032
Date Prepared: 09/07/2006 0032

Analysis Batch: 680-54287
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq551.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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	115	77 - 120
Dibromofluoromethane	113	75 - 123
Toluene-d8 (Surr)	108	79 - 122

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

Client: Eco-Systems Inc

Job Number: 680-19887-1

Lab Control Spike - Batch: 680-54287

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-54287/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/06/2006 2326
Date Prepared: 09/06/2006 2326

Analysis Batch: 680-54287
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq549.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	89.1	89	20 - 183	
Benzene	50.0	47.9	96	74 - 122	
Dichlorobromomethane	50.0	54.2	108	74 - 128	
Bromoform	50.0	64.8	130	64 - 132	
Bromomethane	50.0	53.0	106	21 - 176	
Methyl Ethyl Ketone	100	90.8	91	51 - 142	
Carbon disulfide	50.0	50.5	101	60 - 130	
Carbon tetrachloride	50.0	62.6	125	64 - 137	
Chlorobenzene	50.0	56.2	112	75 - 123	
Chloroethane	50.0	56.1	112	40 - 171	
Chloroform	50.0	49.5	99	74 - 124	
Chloromethane	50.0	45.5	91	51 - 133	
Chlorodibromomethane	50.0	58.9	118	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	50.1	100	14 - 147	
Ethylene Dibromide	50.0	48.7	97	60 - 118	
Dibromomethane	50.0	52.2	104	70 - 130	
Dichlorodifluoromethane	50.0	63.0	126	70 - 130	
1,1-Dichloroethane	50.0	46.8	94	70 - 127	
1,2-Dichloroethane	50.0	55.9	112	68 - 130	
1,1-Dichloroethene	50.0	54.3	109	64 - 132	
cis-1,2-Dichloroethene	50.0	46.3	93	69 - 126	
trans-1,2-Dichloroethene	50.0	46.8	94	67 - 130	
1,2-Dichloropropane	50.0	46.0	92	74 - 123	
cis-1,3-Dichloropropene	50.0	53.0	106	76 - 126	
trans-1,3-Dichloropropene	50.0	55.2	110	75 - 126	
Ethylbenzene	50.0	54.2	108	77 - 123	
2-Hexanone	100	108	108	58 - 139	
Methylene Chloride	50.0	45.3	91	67 - 128	
methyl isobutyl ketone	100	85.3	85	62 - 130	
Styrene	50.0	54.7	109	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	60.4	121	62 - 107	*
1,1,2,2-Tetrachloroethane	50.0	49.5	99	71 - 127	
Tetrachloroethene	50.0	62.6	125	70 - 133	
Toluene	50.0	50.4	101	75 - 122	
1,1,1-Trichloroethane	50.0	59.3	119	70 - 132	
1,1,2-Trichloroethane	50.0	46.8	94	75 - 122	
Trichloroethene	50.0	54.9	110	75 - 122	
Trichlorofluoromethane	50.0	63.5	127	74 - 165	
1,2,3-Trichloropropane	50.0	54.0	108	60 - 147	
Vinyl acetate	100	97.5	98	47 - 150	
Vinyl chloride	50.0	48.5	97	59 - 136	

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

Client: Eco-Systems Inc

Job Number: 680-19887-1

Lab Control Spike - Batch: 680-54287

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-54287/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/06/2006 2326
Date Prepared: 09/06/2006 2326

Analysis Batch: 680-54287
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq549.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	164	109	77 - 121	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	116	77 - 120
Dibromofluoromethane	103	75 - 123
Toluene-d8 (Surr)	103	79 - 122

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

Client: Eco-Systems Inc

Job Number: 680-19887-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-54287

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 680-19887-5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/07/2006 0339
Date Prepared: 09/07/2006 0339

Analysis Batch: 680-54287
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - P
Lab File ID: p1143.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-19887-5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/07/2006 0404
Date Prepared: 09/07/2006 0404

Analysis Batch: 680-54287
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - P
Lab File ID: p1145.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	67	69	20 - 183	3	50		
Benzene	100	101	74 - 122	1	30		
Dichlorobromomethane	114	116	74 - 128	2	30		
Bromoform	128	124	64 - 132	3	30		
Bromomethane	123	140	21 - 176	12	50		
Methyl Ethyl Ketone	71	71	51 - 142	1	30		
Carbon disulfide	107	110	60 - 130	2	30		
Carbon tetrachloride	139	140	64 - 137	1	30	F	F
Chlorobenzene	114	115	75 - 123	0	30		
Chloroethane	120	125	40 - 171	4	50		
Chloroform	106	108	74 - 124	2	30		
Chloromethane	106	113	51 - 133	6	50		
Chlorodibromomethane	124	123	75 - 126	0	30		
1,2-Dibromo-3-Chloropropane	94	94	14 - 147	1	30		
Ethylene Dibromide	97	96	60 - 118	1	30		
Dibromomethane	104	110	70 - 130	5	30		
Dichlorodifluoromethane	174	180	70 - 130	3	30	F	F
1,1-Dichloroethane	99	100	70 - 127	1	30		
1,2-Dichloroethane	116	112	68 - 130	3	30		
1,1-Dichloroethene	113	116	64 - 132	2	30		
cis-1,2-Dichloroethene	100	101	69 - 126	1	30		
trans-1,2-Dichloroethene	103	107	67 - 130	4	30		
1,2-Dichloropropane	90	91	74 - 123	1	30		
cis-1,3-Dichloropropene	101	97	76 - 126	4	30		
trans-1,3-Dichloropropene	102	103	75 - 126	1	30		
Ethylbenzene	117	116	77 - 123	1	30		
2-Hexanone	81	80	58 - 139	1	30		
Methylene Chloride	94	96	67 - 128	2	30		
methyl isobutyl ketone	78	77	62 - 130	1	30		

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

Client: Eco-Systems Inc

Job Number: 680-19887-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-54287

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	680-19887-5	Analysis Batch: 680-54287	Instrument ID: GC/MS Volatiles - P
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p1143.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	09/07/2006 0339		Final Weight/Volume: 5 mL
Date Prepared:	09/07/2006 0339		

MSD Lab Sample ID:	680-19887-5	Analysis Batch: 680-54287	Instrument ID: GC/MS Volatiles - P
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p1145.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	09/07/2006 0404		Final Weight/Volume: 5 mL
Date Prepared:	09/07/2006 0404		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Styrene	108	108	75 - 125	0	30		
1,1,1,2-Tetrachloroethane	128	124	62 - 107	3	30	F	F
1,1,2,2-Tetrachloroethane	96	91	71 - 127	5	30		
Tetrachloroethene	133	136	70 - 133	2	30		F
Toluene	105	105	75 - 122	0	30		
1,1,1-Trichloroethane	129	131	70 - 132	1	30		
1,1,2-Trichloroethane	90	90	75 - 122	0	30		
Trichloroethene	116	115	75 - 122	1	30		
Trichlorofluoromethane	149	150	74 - 165	0	50		
1,2,3-Trichloropropane	110	105	60 - 147	5	30		
Vinyl acetate	84	84	47 - 150	0	30		
Vinyl chloride	119	126	59 - 136	5	50		
Xylenes, Total	115	113	77 - 121	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	113	116	77 - 120
Dibromofluoromethane	109	111	75 - 123
Toluene-d8 (Surr)	108	109	79 - 122

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

Client: Eco-Systems Inc

Job Number: 680-19887-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-54287

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	680-19887-7	Analysis Batch: 680-54287	Instrument ID: GC/MS Volatiles - P
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p1167.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	09/07/2006 0842		Final Weight/Volume: 5 mL
Date Prepared:	09/07/2006 0842		

MSD Lab Sample ID:	680-19887-7	Analysis Batch: 680-54287	Instrument ID: GC/MS Volatiles - P
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p1169.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	09/07/2006 0908		Final Weight/Volume: 5 mL
Date Prepared:	09/07/2006 0908		

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	65	59	20 - 183	10	50		
Benzene	99	98	74 - 122	0	30		
Dichlorobromomethane	116	113	74 - 128	3	30		
Bromoform	123	125	64 - 132	2	30		
Bromomethane	121	138	21 - 176	13	50		
Methyl Ethyl Ketone	72	70	51 - 142	2	30		
Carbon disulfide	101	104	60 - 130	3	30		
Carbon tetrachloride	140	138	64 - 137	1	30	F	F
Chlorobenzene	112	112	75 - 123	0	30		
Chloroethane	112	121	40 - 171	8	50		
Chloroform	105	107	74 - 124	2	30		
Chloromethane	100	111	51 - 133	10	50		
Chlorodibromomethane	125	123	75 - 126	2	30		
1,2-Dibromo-3-Chloropropane	97	92	14 - 147	6	30		
Ethylene Dibromide	98	95	60 - 118	3	30		
Dibromomethane	109	108	70 - 130	2	30		
Dichlorodifluoromethane	176	173	70 - 130	2	30	F	F
1,1-Dichloroethane	98	98	70 - 127	0	30		
1,2-Dichloroethane	118	113	68 - 130	4	30		
1,1-Dichloroethene	112	111	64 - 132	1	30		
cis-1,2-Dichloroethene	98	99	69 - 126	2	30		
trans-1,2-Dichloroethene	100	107	67 - 130	7	30		
1,2-Dichloropropane	88	92	74 - 123	4	30		
cis-1,3-Dichloropropene	96	95	76 - 126	1	30		
trans-1,3-Dichloropropene	100	98	75 - 126	2	30		
Ethylbenzene	113	113	77 - 123	0	30		
2-Hexanone	83	82	58 - 139	2	30		
Methylene Chloride	93	96	67 - 128	4	30		
methyl isobutyl ketone	77	73	62 - 130	5	30		

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

Client: Eco-Systems Inc

Job Number: 680-19887-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-54287

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	680-19887-7	Analysis Batch: 680-54287	Instrument ID: GC/MS Volatiles - P
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p1167.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	09/07/2006 0842		Final Weight/Volume: 5 mL
Date Prepared:	09/07/2006 0842		

MSD Lab Sample ID:	680-19887-7	Analysis Batch: 680-54287	Instrument ID: GC/MS Volatiles - P
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p1169.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	09/07/2006 0908		Final Weight/Volume: 5 mL
Date Prepared:	09/07/2006 0908		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Styrene	115	112	75 - 125	3	30		
1,1,1,2-Tetrachloroethane	126	126	62 - 107	0	30	F	F
1,1,2,2-Tetrachloroethane	92	94	71 - 127	3	30		
Tetrachloroethene	133	131	70 - 133	1	30		
Toluene	105	101	75 - 122	4	30		
1,1,1-Trichloroethane	128	127	70 - 132	1	30		
1,1,2-Trichloroethane	93	89	75 - 122	4	30		
Trichloroethene	116	112	75 - 122	3	30		
Trichlorofluoromethane	143	146	74 - 165	2	50		
1,2,3-Trichloropropane	106	105	60 - 147	1	30		
Vinyl acetate	69	72	47 - 150	4	30		
Vinyl chloride	116	119	59 - 136	2	50		
Xylenes, Total	114	112	77 - 121	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	118	114	77 - 120
Dibromofluoromethane	109	111	75 - 123
Toluene-d8 (Surr)	107	104	79 - 122

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

Client: Eco-Systems Inc

Job Number: 680-19887-1

Method Blank - Batch: 680-54446

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-54446/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/08/2006 1235
Date Prepared: 09/08/2006 1235

Analysis Batch: 680-54446
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq049.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.

Client: Eco-Systems Inc

Job Number: 680-19887-1

Method Blank - Batch: 680-54446

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-54446/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/08/2006 1235
Date Prepared: 09/08/2006 1235

Analysis Batch: 680-54446
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq049.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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	95	77 - 120
Dibromofluoromethane	97	75 - 123
Toluene-d8 (Surr)	102	79 - 122

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

Client: Eco-Systems Inc

Job Number: 680-19887-1

Lab Control Spike - Batch: 680-54446

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-54446/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/08/2006 1135
Date Prepared: 09/08/2006 1135

Analysis Batch: 680-54446
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq047.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	94.7	95	20 - 183	
Benzene	50.0	49.4	99	74 - 122	
Dichlorobromomethane	50.0	49.3	99	74 - 128	
Bromoform	50.0	53.0	106	64 - 132	
Bromomethane	50.0	59.3	119	21 - 176	
Methyl Ethyl Ketone	100	93.8	94	51 - 142	
Carbon disulfide	50.0	50.7	101	60 - 130	
Carbon tetrachloride	50.0	49.9	100	64 - 137	
Chlorobenzene	50.0	50.7	101	75 - 123	
Chloroethane	50.0	51.5	103	40 - 171	
Chloroform	50.0	51.4	103	74 - 124	
Chloromethane	50.0	49.8	100	51 - 133	
Chlorodibromomethane	50.0	52.3	105	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	49.7	99	14 - 147	
Ethylene Dibromide	50.0	48.5	97	60 - 118	
Dibromomethane	50.0	46.0	92	70 - 130	
Dichlorodifluoromethane	50.0	49.2	98	70 - 130	
1,1-Dichloroethane	50.0	52.8	106	70 - 127	
1,2-Dichloroethane	50.0	48.2	96	68 - 130	
1,1-Dichloroethene	50.0	49.2	98	64 - 132	
cis-1,2-Dichloroethene	50.0	52.1	104	69 - 126	
trans-1,2-Dichloroethene	50.0	52.3	105	67 - 130	
1,2-Dichloropropane	50.0	46.3	93	74 - 123	
cis-1,3-Dichloropropene	50.0	53.2	106	76 - 126	
trans-1,3-Dichloropropene	50.0	51.0	102	75 - 126	
Ethylbenzene	50.0	50.7	101	77 - 123	
2-Hexanone	100	101	101	58 - 139	
Methylene Chloride	50.0	49.2	98	67 - 128	
methyl isobutyl ketone	100	97.9	98	62 - 130	
Styrene	50.0	54.0	108	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	50.4	101	62 - 107	
1,1,2,2-Tetrachloroethane	50.0	51.8	104	71 - 127	
Tetrachloroethene	50.0	50.2	100	70 - 133	
Toluene	50.0	51.9	104	75 - 122	
1,1,1-Trichloroethane	50.0	49.7	99	70 - 132	
1,1,2-Trichloroethane	50.0	47.4	95	75 - 122	
Trichloroethene	50.0	48.8	98	75 - 122	
Trichlorofluoromethane	50.0	52.1	104	74 - 165	
1,2,3-Trichloropropane	50.0	44.1	88	60 - 147	
Vinyl acetate	100	122	122	47 - 150	
Vinyl chloride	50.0	52.7	105	59 - 136	

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

Client: Eco-Systems Inc

Job Number: 680-19887-1

Lab Control Spike - Batch: 680-54446

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-54446/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/08/2006 1135
Date Prepared: 09/08/2006 1135

Analysis Batch: 680-54446
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq047.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	155	104	77 - 121	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	99	77 - 120
Dibromofluoromethane	106	75 - 123
Toluene-d8 (Surr)	104	79 - 122

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

Client: Eco-Systems Inc

Job Number: 680-19887-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-54446

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	680-19887-21	Analysis Batch: 680-54446	Instrument ID: GC/MS Volatiles - P
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p0027.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	09/08/2006 1947		Final Weight/Volume: 5 mL
Date Prepared:	09/08/2006 1947		

MSD Lab Sample ID:	680-19887-21	Analysis Batch: 680-54446	Instrument ID: GC/MS Volatiles - P
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: p0029.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	09/08/2006 2016		Final Weight/Volume: 5 mL
Date Prepared:	09/08/2006 2016		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	122	106	20 - 183	14	50		
Benzene	101	100	74 - 122	2	30		
Dichlorobromomethane	94	93	74 - 128	2	30		
Bromoform	103	102	64 - 132	1	30		
Bromomethane	105	115	21 - 176	9	50		
Methyl Ethyl Ketone	100	102	51 - 142	2	30		
Carbon disulfide	119	115	60 - 130	3	30		
Carbon tetrachloride	103	103	64 - 137	0	30		
Chlorobenzene	102	100	75 - 123	3	30		
Chloroethane	114	114	40 - 171	0	50		
Chloroform	111	107	74 - 124	4	30		
Chloromethane	104	104	51 - 133	0	50		
Chlorodibromomethane	97	93	75 - 126	4	30		
1,2-Dibromo-3-Chloropropane	106	114	14 - 147	8	30		
Ethylene Dibromide	94	93	60 - 118	1	30		
Dibromomethane	92	90	70 - 130	2	30		
Dichlorodifluoromethane	121	121	70 - 130	0	30		
1,1-Dichloroethane	113	109	70 - 127	4	30		
1,2-Dichloroethane	95	97	68 - 130	1	30		
1,1-Dichloroethene	110	109	64 - 132	2	30		
cis-1,2-Dichloroethene	109	108	69 - 126	2	30		
trans-1,2-Dichloroethene	112	107	67 - 130	5	30		
1,2-Dichloropropane	95	98	74 - 123	3	30		
cis-1,3-Dichloropropene	107	106	76 - 126	1	30		
trans-1,3-Dichloropropene	98	96	75 - 126	2	30		
Ethylbenzene	103	100	77 - 123	3	30		
2-Hexanone	103	94	58 - 139	9	30		
Methylene Chloride	99	100	67 - 128	1	30		
methyl isobutyl ketone	97	97	62 - 130	0	30		

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

Client: Eco-Systems Inc

Job Number: 680-19887-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-54446

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 680-19887-21
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/08/2006 1947
Date Prepared: 09/08/2006 1947

Analysis Batch: 680-54446
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0027.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-19887-21
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/08/2006 2016
Date Prepared: 09/08/2006 2016

Analysis Batch: 680-54446
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0029.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Styrene	105	102	75 - 125	3	30		
1,1,1,2-Tetrachloroethane	101	99	62 - 107	2	30		
1,1,2,2-Tetrachloroethane	103	103	71 - 127	0	30		
Tetrachloroethene	105	97	70 - 133	8	30		
Toluene	105	104	75 - 122	1	30		
1,1,1-Trichloroethane	102	101	70 - 132	1	30		
1,1,2-Trichloroethane	88	86	75 - 122	2	30		
Trichloroethene	99	99	75 - 122	0	30		
Trichlorofluoromethane	121	121	74 - 165	0	50		
1,2,3-Trichloropropane	90	87	60 - 147	4	30		
Vinyl acetate	101	96	47 - 150	5	30		
Vinyl chloride	113	112	59 - 136	1	50		
Xylenes, Total	107	102	77 - 121	4	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	104	101	77 - 120
Dibromofluoromethane	107	106	75 - 123
Toluene-d8 (Surr)	107	108	79 - 122

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

Client: Eco-Systems Inc

Job Number: 680-19887-1

Method Blank - Batch: 680-54447

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-54447/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/08/2006 1250
Date Prepared: 09/08/2006 1250

Analysis Batch: 680-54447
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq050.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.

Client: Eco-Systems Inc

Job Number: 680-19887-1

Method Blank - Batch: 680-54447

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-54447/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/08/2006 1250
Date Prepared: 09/08/2006 1250

Analysis Batch: 680-54447
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq050.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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	101	77 - 120
Dibromofluoromethane	104	75 - 123
Toluene-d8 (Surr)	98	79 - 122

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

Client: Eco-Systems Inc

Job Number: 680-19887-1

Lab Control Spike - Batch: 680-54447

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-54447/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/08/2006 1150
Date Prepared: 09/08/2006 1150

Analysis Batch: 680-54447
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq048.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	90.8	91	20 - 183	
Benzene	50.0	47.4	95	74 - 122	
Dichlorobromomethane	50.0	47.7	95	74 - 128	
Bromoform	50.0	51.1	102	64 - 132	
Bromomethane	50.0	48.5	97	21 - 176	
Methyl Ethyl Ketone	100	91.2	91	51 - 142	
Carbon disulfide	50.0	52.7	105	60 - 130	
Carbon tetrachloride	50.0	51.1	102	64 - 137	
Chlorobenzene	50.0	50.3	101	75 - 123	
Chloroethane	50.0	44.0	88	40 - 171	
Chloroform	50.0	50.8	102	74 - 124	
Chloromethane	50.0	46.9	94	51 - 133	
Chlorodibromomethane	50.0	51.2	102	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	49.6	99	14 - 147	
Ethylene Dibromide	50.0	48.9	98	60 - 118	
Dibromomethane	50.0	47.7	95	70 - 130	
Dichlorodifluoromethane	50.0	39.8	80	70 - 130	
1,1-Dichloroethane	50.0	51.4	103	70 - 127	
1,2-Dichloroethane	50.0	47.6	95	68 - 130	
1,1-Dichloroethene	50.0	49.3	99	64 - 132	
cis-1,2-Dichloroethene	50.0	53.2	106	69 - 126	
trans-1,2-Dichloroethene	50.0	49.5	99	67 - 130	
1,2-Dichloropropane	50.0	48.2	96	74 - 123	
cis-1,3-Dichloropropene	50.0	52.0	104	76 - 126	
trans-1,3-Dichloropropene	50.0	52.5	105	75 - 126	
Ethylbenzene	50.0	52.5	105	77 - 123	
2-Hexanone	100	98.8	99	58 - 139	
Methylene Chloride	50.0	51.8	104	67 - 128	
methyl isobutyl ketone	100	99.3	99	62 - 130	
Styrene	50.0	53.2	106	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	52.2	104	62 - 107	
1,1,2,2-Tetrachloroethane	50.0	53.2	106	71 - 127	
Tetrachloroethene	50.0	50.2	100	70 - 133	
Toluene	50.0	50.5	101	75 - 122	
1,1,1-Trichloroethane	50.0	49.6	99	70 - 132	
1,1,2-Trichloroethane	50.0	50.9	102	75 - 122	
Trichloroethene	50.0	47.8	96	75 - 122	
Trichlorofluoromethane	50.0	51.1	102	74 - 165	
1,2,3-Trichloropropane	50.0	47.8	96	60 - 147	
Vinyl acetate	100	120	120	47 - 150	
Vinyl chloride	50.0	49.1	98	59 - 136	

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

Client: Eco-Systems Inc

Job Number: 680-19887-1

Lab Control Spike - Batch: 680-54447

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-54447/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/08/2006 1150
Date Prepared: 09/08/2006 1150

Analysis Batch: 680-54447
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq048.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	157	105	77 - 121	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	104	77 - 120
Dibromofluoromethane	104	75 - 123
Toluene-d8 (Surr)	100	79 - 122

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

Client: Eco-Systems Inc

Job Number: 680-19887-1

Method Blank - Batch: 680-54539

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-54539/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/09/2006 2038
Date Prepared: 09/09/2006 2038

Analysis Batch: 680-54539
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq062.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.

Client: Eco-Systems Inc

Job Number: 680-19887-1

Method Blank - Batch: 680-54539

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-54539/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/09/2006 2038
Date Prepared: 09/09/2006 2038

Analysis Batch: 680-54539
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq062.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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	100	77 - 120
Dibromofluoromethane	106	75 - 123
Toluene-d8 (Surr)	99	79 - 122

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

Client: Eco-Systems Inc

Job Number: 680-19887-1

Lab Control Spike - Batch: 680-54539

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-54539/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/09/2006 2206
Date Prepared: 09/09/2006 2206

Analysis Batch: 680-54539
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq064.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	70.7	71	20 - 183	
Benzene	50.0	41.7	83	74 - 122	
Dichlorobromomethane	50.0	50.6	101	74 - 128	
Bromoform	50.0	56.7	113	64 - 132	
Bromomethane	50.0	31.3	63	21 - 176	
Methyl Ethyl Ketone	100	86.7	87	51 - 142	
Carbon disulfide	50.0	36.2	72	60 - 130	
Carbon tetrachloride	50.0	43.8	88	64 - 137	
Chlorobenzene	50.0	52.6	105	75 - 123	
Chloroethane	50.0	27.1	54	40 - 171	
Chloroform	50.0	44.9	90	74 - 124	
Chloromethane	50.0	30.0	60	51 - 133	
Chlorodibromomethane	50.0	52.9	106	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	56.7	113	14 - 147	
Ethylene Dibromide	50.0	52.7	105	60 - 118	
Dibromomethane	50.0	47.1	94	70 - 130	
Dichlorodifluoromethane	50.0	29.0	58	70 - 130	*
1,1-Dichloroethane	50.0	40.2	80	70 - 127	
1,2-Dichloroethane	50.0	46.2	92	68 - 130	
1,1-Dichloroethene	50.0	34.9	70	64 - 132	
cis-1,2-Dichloroethene	50.0	41.4	83	69 - 126	
trans-1,2-Dichloroethene	50.0	35.8	72	67 - 130	
1,2-Dichloropropane	50.0	43.3	87	74 - 123	
cis-1,3-Dichloropropene	50.0	56.8	114	76 - 126	
trans-1,3-Dichloropropene	50.0	58.7	117	75 - 126	
Ethylbenzene	50.0	51.5	103	77 - 123	
2-Hexanone	100	104	104	58 - 139	
Methylene Chloride	50.0	36.5	73	67 - 128	
methyl isobutyl ketone	100	112	112	62 - 130	
Styrene	50.0	52.8	106	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	55.5	111	62 - 107	*
1,1,2,2-Tetrachloroethane	50.0	59.1	118	71 - 127	
Tetrachloroethene	50.0	48.5	97	70 - 133	
Toluene	50.0	48.5	97	75 - 122	
1,1,1-Trichloroethane	50.0	43.5	87	70 - 132	
1,1,2-Trichloroethane	50.0	49.8	100	75 - 122	
Trichloroethene	50.0	44.8	90	75 - 122	
Trichlorofluoromethane	50.0	37.5	75	74 - 165	
1,2,3-Trichloropropane	50.0	53.3	107	60 - 147	
Vinyl acetate	100	103	103	47 - 150	
Vinyl chloride	50.0	28.8	58	59 - 136	*

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

Client: Eco-Systems Inc

Job Number: 680-19887-1

Lab Control Spike - Batch: 680-54539

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-54539/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 09/09/2006 2206
Date Prepared: 09/09/2006 2206

Analysis Batch: 680-54539
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq064.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	154	103	77 - 121	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	118	77 - 120
Dibromofluoromethane	94	75 - 123
Toluene-d8 (Surr)	101	79 - 122

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

Serial Number 71315

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

○ Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
	HER25080	MS
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Lidia Gawlik	4500911597	
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Tim Hassett	302-995-3156	
CLIENT NAME	CLIENT E-MAIL	
Hercules Inc.		

CLIENT ADDRESS: Hercules Research Center, 500 Hercules Rd. Wilmington, DE 19808

COMPANY CONTRACTING THIS WORK (if applicable)

PAGE 1 OF 3

STANDARD REPORT DELIVERY ✓

DATE DUE

EXPEDITED REPORT DELIVERY (SURCHARGE) ○

DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX TYPE: AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: App IX VOCs 8260	Hcl	NUMBER OF CONTAINERS SUBMITTED	REMARKS
08-29-06	0920	HER-CM00-082906	G	✓						3	
08-29-06	0905	HER-CM01-082906	G	✓						3	
08-29-06	0850	HER-CM02-082906	G	✓						3	
08-29-06	0840	HER-CM03-082906	G	✓						3	
08-29-06	0810	HER-CM04-082906 (MS/MSD)	G	✓						9	
08-29-06	0750	HER-CM05-082906	G	✓						3	
08-29-06	1230	HER-MW02-082906 (MS/MSD)	G	✓						9	
08-29-06	1145	HER-MW03-082906	G	✓						3	
08-29-06	1400	HER-MW04-082906	G	✓						3	
08-29-06	1525	HER-MW05-082906	G	✓						3	
08-29-06	1635	HER-MW06-082906	G	✓						3	
08-30-06	0925	HER-MW07-083006	G	✓						3	

TEMP. 2.2

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
				09-01-06	1530			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
			FedEx Airbill 854509018612					

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
Brian Hartley	09-01-06	0846			680-19887	

STL8240-680 (1)

Pace Analytical www.pacelabs.com STL

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

869490

Section A — Required Client Information:

Company: Hercules Inc.
Address: Hercules Research Center
500 Hercules Road
Wilmington DE 19808
Phone: 302-995-3456 Fax:

Section B — Required Client Information:

Report To: Tim Hassett
Copy To:
Invoice To:
P.O.: 4500911597
Project Name:
Project Number: HER25080

Client Information (Check quote/contract):
Requested Due Date: *TAT: Std.

*Turn around time less than 14 days subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
Turn Around Time (TAT) in calendar days.

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:
Project Manager: Lidia Gwlizia
Project #:
Profile #:

Section D — Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / .-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
GROUNDWATER	GW
SURFACE WATER	SW
WASTE WATER	WW
PRODUCT	P
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	App IX VOCs 8260	Remarks / Lab ID
1	HER-MW08-082906	GW	G	8-29-06	1030							3					✓	
2	HER-MW09-083006	GW	G	8-30-06	1145							3					✓	
3	HER-MW10-082906	GW	G	8-29-06	1330							3					✓	
4	HER-MW11-082906	GW	G	8-29-06	1435							3					✓	
5	HER-MW12-082906	GW	G	8-29-06	1600							3					✓	
6	HER-MW13-082906	GW	G	8-29-06	1715							3					✓	
7	HER-MW14-083006	GW	G	8-30-06	1110							3					✓	
8	HER-MW15-083006	GW	G	8-30-06	1045							3					✓	
9	HER-MW16-083006 (MS/MSD)	GW	G	8-30-06	1005							3					✓	
10	HER-MW17-083006	GW	G	8-30-06	1235							9					✓	
11	HER-MW18-083006	GW	G	8-30-06	0855							3					✓	
12	HER-MW19-083006	GW	G	8-30-06	0815							3					✓	

TEMP. 2.2 1080-1988

SITE LOCATION
☐ NC ☐ SC ☐ GA ☒ Other MS

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Chris Terrell / Eco-Systems	9-1-06	1530	Fed Ex		
			[illegible]	9-2-06	0810

SAMPLE CONDITION

Temp in °C	
Received on Ice	Y/N
Sealed Cooler	Y/N
Samples Intact	Y/N

SAMPLE NOTES

Fed Ex Airbill
8545 0901 8612

Additional Comments:

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Chris Terrell
SIGNATURE of SAMPLER: Chris Terrell
DATE Signed: (MM / DD / YY) 09-01-06

SEE REVERSE SIDE FOR INSTRUCTIONS

Form COC01 Rev. 0304

Pace Analytical STL
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

869491

Page: 3 of 3

Section A — Required Client Information:

Company: Hercules, Inc
Address: Hercules Research Center
500 Hercules Road
Wilmington, DE 19808
Phone: 302-995-3456 Fax:

Section B — Required Client Information:

Report To: Tim Hassett
Copy To:
Invoice To:
P.O.: 4500911597
Project Name:
Project Number: HERZ5080

Client Information (Check quote/contract):
Requested Due Date: *TAT: STD.

*Turn around time less than 14 days subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
Turn Around Time (TAT) in calendar days.

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:
Project Manager: Lidia Gulizia
Project #:
Profile #:

Section D — Required Client Information:

SAMPLE ID
One character per box. (A-Z, 0-9 / .-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes: DRINKING WATER DW; GROUNDWATER GW; SURFACE WATER SW; WASTE WATER WW; PRODUCT P; SOIL SL; OIL OL; WIPE WP; AIR AR; OTHER OT

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP.	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis: App IX VOCs 8260	Remarks / Lab ID
1	HER-FD1-082906	GW	G	8-29-06	—							3					✓	
2	HER-FD2-082906	GW	G	8-29-06	—							3					✓	
3	HER-FP3-083006	GW	G	8-29-06	—							3					✓	
4	HER-RS1-082906	DW	G	8-29-06	1730							3					✓	
5	HER-RS2-083006	DW	G	8-30-06	0800							3					✓	
6												3					✓	
7																		
8																		
9																		
10																		
11																		
12																		

TEMP. 2-0

1080 - 19887

SITE LOCATION
☐ NC ☐ SC ☐ GA ☑ Other MS

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Chris Terrell / Eco-Systems	9-1-06	1530	Fed Ex		
			[signature]	9-2-06	0840

SAMPLE CONDITION

Temp In °C	
Received on Ice	Y/N
Sealed Cooler	Y/N
Samples Intact	Y/N

SAMPLE NOTES

Fed Ex Airbill
8545 0901 8612

Additional Comments:

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Chris Terrell
SIGNATURE of SAMPLER: Chris Terrell
DATE Signed: (MM/DD/YY) 09-01-06

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Eco-Systems Inc

Job Number: 680-19887-1

Login Number: 19887

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	NA	
Samples do not require splitting or compositing.	NA	

Serial Number 71315

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

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

○ Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
	HER25080	MS
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Lidia Gawlik	4500911597	
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Tim Hassett	302-995-3456	
CLIENT NAME	CLIENT E-MAIL	
Hercules Inc.		
CLIENT ADDRESS Hercules Research Center, 500 Hercules Rd. Wilmington, DE 19808		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 1 OF 3

STANDARD REPORT DELIVERY ✓

DATE DUE

EXPEDITED REPORT DELIVERY (SURCHARGE) ○

DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: App IX VOCs 8260	REQUIRED ANALYSIS: HCl	NUMBER OF CONTAINERS SUBMITTED	REMARKS
08-29-06	0920	HER-CM00-082906	G	✓						3	
08-29-06	0905	HER-CM01-082906	G	✓						3	
08-29-06	0850	HER-CM02-082906	G	✓						3	
08-29-06	0840	HER-CM03-082906	G	✓						3	
08-29-06	0810	HER-CM04-082906 (MS/MSD)	G	✓						9	
08-29-06	0750	HER-CM05-082906	G	✓						3	
08-29-06	1230	HER-MW02-082906 (MS/MSD)	G	✓						9	
08-29-06	1145	HER-MW03-082906	G	✓						3	
08-29-06	1400	HER-MW04-082906	G	✓						3	
08-29-06	1525	HER-MW05-082906	G	✓						3	
08-29-06	1635	HER-MW06-082906	G	✓						3	
08-30-06	0925	HER-MW07-083006	G	✓						3	

TEMP. 2.2

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
				09-01-06	1530			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
			FedEx Airbill 8545 0901 8612					

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
Brian Hendrick	09-02-06	0846	YES ○ NO ○		680-19887	

Pace Analytical® www.pacelabs.com SL

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

869490

Required Client Information: Section A

Company: Hercules Inc.
Address: Hercules Research Center
500 Hercules Road
Wilmington, DE 19808
Phone: 302-995-3456 Fax:

Required Client Information: Section B

Report To: Tim Hassett
Copy To:
Invoice To:
P.O.: 4500911597
Project Name:
Project Number: HER25080

Client Information (Check quote/contract):
Requested Due Date: *TAT: Std.

*Turn around time less than 14 days subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
Turn Around Time (TAT) in calendar days.

To Be Completed by Pace Analytical and Client Section C

Quote Reference:
Project Manager: Lidia Gwlizia
Project #:
Profile #:

Section D Required Client Information:

SAMPLE ID

One character per box.
(A-Z, 0-9 / .-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
GROUNDWATER	GW
SURFACE WATER	SW
WASTE WATER	WW
PRODUCT	P
SOIL	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analyses: App IX VOCs 8260	Remarks / Lab ID
1	HER-MW08-0829006	GW	G	8-29-06	1030							3					✓	
2	HER-MW09-0830006	GW	G	8-30-06	1145							3					✓	
3	HER-MW10-0829006	GW	G	8-29-06	1330							3					✓	
4	HER-MW11-0829006	GW	G	8-29-06	1435							3					✓	
5	HER-MW12-0829006	GW	G	8-29-06	1600							3					✓	
6	HER-MW13-0829006	GW	G	8-29-06	1715							3					✓	
7	HER-MW14-0830006	GW	G	8-30-06	1110							3					✓	
8	HER-MW15-0830006	GW	G	8-30-06	1045							3					✓	
9	HER-MW16-0830006 (MS/MSD)	GW	G	8-30-06	1005							9					✓	
10	HER-MW17-0830006	GW	G	8-30-06	1235							3					✓	
11	HER-MW18-0830006	GW	G	8-30-06	0855							3					✓	
12	HER-MW19-0830006	GW	G	8-30-06	0815							3					✓	

TEMP. 2.7 (280-19887)

SITE LOCATION
☐ NC ☐ SC ☐ GA
☑ Other MS

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Chris Terrell / Eco-Systems	9-1-06	1530	Fed Ex		
			[illegible]	9-2-06	0846

SAMPLE CONDITION

Temp in °C	
Received on Ice	Y/N
Sealed Cooler	Y/N
Samples Intact	Y/N

SAMPLE NOTES

Fed Ex Airbill
8545 0901 8612

Additional Comments:

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Chris Terrell
SIGNATURE of SAMPLER: Chris Terrell
DATE Signed: (MM / DD / YY) 09-01-06