

Analytical Data

Client: Hercules Inc.

Job Number: 680-36879-1

Client Sample ID: HER-FD2-051508

Lab Sample ID: 680-36879-29FD

Client Matrix: Water

Date Sampled: 05/15/2008 0000

Date Received: 05/17/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-107254

Instrument ID: GC/MS Volatiles - O C2

Preparation: 5030B

Lab File ID: o2924.d

Dilution: 50

Date Analyzed: 05/28/2008 1822

Run Type: DL

Initial Weight/Volume: 5 mL

Date Prepared: 05/28/2008 1822

Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<1200		1200
Acetonitrile	<2000		2000
Acrolein	<1000		1000
Acrylonitrile	<1000		1000
Benzene	750	D	1000
Dichlorobromomethane	<50		50
Bromoform	<50		50
Bromomethane	<50		50
2-Butanone (MEK)	<500		500
Carbon disulfide	<100		100
Carbon tetrachloride	2800	D	50
Chlorobenzene	<50		50
Chloroethane	<50		50
Chloroform	290	D	50
Chloromethane	<50		50
2-Chloro-1,3-butadiene	<50		50
3-Chloro-1-propene	<50		50
Chlorodibromomethane	<50		50
1,2-Dibromo-3-Chloropropane	<50		50
Ethylene Dibromide	<50		50
Dibromomethane	<50		50
trans-1,4-Dichloro-2-butene	<100		100
Dichlorodifluoromethane	<50		50
1,1-Dichloroethane	<50		50
1,2-Dichloroethane	<50		50
1,1-Dichloroethene	<50		50
cis-1,2-Dichloroethene	<50		50
trans-1,2-Dichloroethene	<50		50
1,2-Dichloropropane	<50		50
cis-1,3-Dichloropropene	<50		50
trans-1,3-Dichloropropene	<50		50
Ethylbenzene	<50		50
Ethyl methacrylate	<50		50
2-Hexanone	<500		500
Iodomethane	<250		250
Isobutyl alcohol	<2000		2000
Methacrylonitrile	<1000		1000
Methylene Chloride	<250		250
Methyl methacrylate	<50		50
4-Methyl-2-pentanone (MIBK)	<500		500
Pentachloroethane	<250		250
Propionitrile	<1000		1000
Styrene	<50		50
1,1,1,2-Tetrachloroethane	<50		50

Analytical Data

Client: Hercules Inc.

Job Number: 680-36879-1

Client Sample ID: HER-FD2-051508

Lab Sample ID: 680-36879-29FD

Client Matrix: Water

Date Sampled: 05/15/2008 0000

Date Received: 05/17/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-107254

Instrument ID: GC/MS Volatiles - O C2

Preparation: 5030B

Lab File ID: o2924.d

Dilution: 50

Date Analyzed: 05/28/2008 1822

Run Type: DL

Initial Weight/Volume: 5 mL

Date Prepared: 05/28/2008 1822

Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<50		50
Tetrachloroethene	<50		50
Toluene	<50		50
1,1,1-Trichloroethane	<50		50
1,1,2-Trichloroethane	<50		50
Trichloroethene	<50		50
Trichlorofluoromethane	<50		50
1,2,3-Trichloropropane	<50		50
Vinyl acetate	<100		100
Vinyl chloride	<50		50
Xylenes, Total	<100		100
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	104		75 - 120
Dibromofluoromethane	112		75 - 121
Toluene-d8 (Surr)	102		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-36879-1

Client Sample ID: TB1

Lab Sample ID: 680-36879-30TB

Client Matrix: Water

Date Sampled: 05/15/2008 0000

Date Received: 05/17/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-107136

Instrument ID: GC/MS Volatiles - O

Preparation: 5030B

Lab File ID: o2875.d

Dilution: 1.0

Date Analyzed: 05/27/2008 1535

Initial Weight/Volume: 5 mL

Date Prepared: 05/27/2008 1535

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
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0

Analytical Data

Client: Hercules Inc.

Job Number: 680-36879-1

Client Sample ID: TB1

Lab Sample ID: 680-36879-30TB

Client Matrix: Water

Date Sampled: 05/15/2008 0000

Date Received: 05/17/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-107136

Instrument ID: GC/MS Volatiles - O

Preparation: 5030B

Lab File ID: o2875.d

Dilution: 1.0

Date Analyzed: 05/27/2008 1535

Initial Weight/Volume: 5 mL

Date Prepared: 05/27/2008 1535

Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	101		75 - 120
Dibromofluoromethane	105		75 - 121
Toluene-d8 (Surr)	100		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-36879-1

Client Sample ID: TB2

Lab Sample ID: 680-36879-31TB

Client Matrix: Water

Date Sampled: 05/15/2008 0000

Date Received: 05/17/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-107136

Instrument ID: GC/MS Volatiles - O

Preparation: 5030B

Lab File ID: o2877.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 05/27/2008 1604

Final Weight/Volume: 5 mL

Date Prepared: 05/27/2008 1604

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

Analytical Data

Client: Hercules Inc.

Job Number: 680-36879-1

Client Sample ID: TB2

Lab Sample ID: 680-36879-31TB

Client Matrix: Water

Date Sampled: 05/15/2008 0000

Date Received: 05/17/2008 0945

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-107136

Instrument ID: GC/MS Volatiles - O

Preparation: 5030B

Lab File ID: o2877.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 05/27/2008 1604

Final Weight/Volume: 5 mL

Date Prepared: 05/27/2008 1604

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	102		75 - 120
Dibromofluoromethane	106		75 - 121
Toluene-d8 (Surr)	101		75 - 120

DATA REPORTING QUALIFIERS

Client: Hercules Inc.

Job Number: 680-36879-1

<u>Lab Section</u>	<u>Qualifier</u>	<u>Description</u>
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.
	F	RPD of the MS and MSD exceeds the control limits
	H	Sample was prepped or analyzed beyond the specified holding time
	X	Surrogate exceeds the control limits
	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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC/MS VOA					
Analysis Batch:680-107019					
LCS 680-107019/13	Lab Control Spike	T	Water	8260B	
MB 680-107019/14	Method Blank	T	Water	8260B	
680-36879-8RB	HER-RS2-051408	T	Water	8260B	
680-36879-10	HER-MW04-051408	T	Water	8260B	
680-36879-11	HER-MW03-051408	T	Water	8260B	
680-36879-12	HER-MW02-051408	T	Water	8260B	
Analysis Batch:680-107071					
LCS 680-107071/23	Lab Control Spike	T	Water	8260B	
MB 680-107071/25	Method Blank	T	Water	8260B	
680-36879-1	HER-CM00-051308	T	Water	8260B	
680-36879-2	HER-CM01-051308	T	Water	8260B	
680-36879-3	HER-CM02-051308	T	Water	8260B	
680-36879-4	HER-CM03-051308	T	Water	8260B	
680-36879-5	HER-CM04-051308	T	Water	8260B	
680-36879-6	HER-CM05-051308	T	Water	8260B	
680-36879-7RB	HER-RS1-051308	T	Water	8260B	
680-36879-9RB	HER-RS3-051508	T	Water	8260B	
680-36879-15	HER-MW07-051508	T	Water	8260B	
680-36879-16	HER-MW08-051608	T	Water	8260B	
680-36879-17	HER-MW09-051608	T	Water	8260B	
680-36879-21	HER-MW13-051508	T	Water	8260B	
680-36879-22	HER-MW14-051508	T	Water	8260B	
Analysis Batch:680-107136					
LCS 680-107136/6	Lab Control Spike	T	Water	8260B	
MB 680-107136/8	Method Blank	T	Water	8260B	
680-36879-16DL	HER-MW08-051608	T	Water	8260B	
680-36879-21DL	HER-MW13-051508	T	Water	8260B	
680-36879-23	HER-MW15-051508	T	Water	8260B	
680-36879-24	HER-MW16-051508	T	Water	8260B	
680-36879-24MS	Matrix Spike	T	Water	8260B	
680-36879-24MSD	Matrix Spike Duplicate	T	Water	8260B	
680-36879-25	HER-MW17-051608	T	Water	8260B	
680-36879-29FD	HER-FD2-051508	T	Water	8260B	
680-36879-30TB	TB1	T	Water	8260B	
680-36879-31TB	TB2	T	Water	8260B	

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Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:680-107154					
LCS 680-107154/1	Lab Control Spike	T	Water	8260B	
MB 680-107154/10	Method Blank	T	Water	8260B	
680-36879-11MS	Matrix Spike	T	Water	8260B	
680-36879-11MSD	Matrix Spike Duplicate	T	Water	8260B	
680-36879-13	HER-MW05-051408	T	Water	8260B	
680-36879-14	HER-MW06-051408	T	Water	8260B	
680-36879-18	HER-MW10-051408	T	Water	8260B	
680-36879-19	HER-MW11-051408	T	Water	8260B	
680-36879-20	HER-MW12-051408	T	Water	8260B	
680-36879-26	HER-MW18-051408	T	Water	8260B	
680-36879-27	HER-MW19-051408	T	Water	8260B	
680-36879-28FD	HER-FD1-051408	T	Water	8260B	
Analysis Batch:680-107254					
LCS 680-107254/6	Lab Control Spike	T	Water	8260B	
MB 680-107254/8	Method Blank	T	Water	8260B	
680-36879-29FDDL	HER-FD2-051508	T	Water	8260B	
Analysis Batch:680-107282					
LCS 680-107282/5	Lab Control Spike	T	Water	8260B	
MB 680-107282/7	Method Blank	T	Water	8260B	
680-36879-25DL	HER-MW17-051608	T	Water	8260B	
Analysis Batch:680-107519					
LCS 680-107519/9	Lab Control Spike	T	Water	8260B	
MB 680-107519/11	Method Blank	T	Water	8260B	
680-36879-22DL	HER-MW14-051508	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	TOL %Rec
680-36879-1	HER-CM00-051308	96	98	99
680-36879-2	HER-CM01-051308	99	100	98
680-36879-3	HER-CM02-051308	97	99	98
680-36879-4	HER-CM03-051308	97	100	100
680-36879-5	HER-CM04-051308	95	99	102
680-36879-6	HER-CM05-051308	97	101	100
680-36879-7	HER-RS1-051308	98	99	101
680-36879-8	HER-RS2-051408	103	105	102
680-36879-9	HER-RS3-051508	97	99	79
680-36879-10	HER-MW04-051408	111	104	101
680-36879-11	HER-MW03-051408	101	104	102
680-36879-12	HER-MW02-051408	102	105	101
680-36879-13	HER-MW05-051408	103	106	104
680-36879-14	HER-MW06-051408	104	104	102
680-36879-15	HER-MW07-051508	98	97	100
680-36879-16	HER-MW08-051608	99	100	100
680-36879-16 DL	HER-MW08-051608 DL	102	107	101
680-36879-17	HER-MW09-051608	97	97	100
680-36879-18	HER-MW10-051408	104	105	103
680-36879-19	HER-MW11-051408	104	108	102
680-36879-20	HER-MW12-051408	104	106	102
680-36879-21	HER-MW13-051508	97	97	103
680-36879-21 DL	HER-MW13-051508 DL	105	101	101
680-36879-22	HER-MW14-051508	96	122X	99
680-36879-22 DL	HER-MW14-051508 DL	106	109	104
680-36879-23	HER-MW15-051508	101	106	100
680-36879-24	HER-MW16-051508	100	104	100
680-36879-25	HER-MW17-051608	99	105	101

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene	75-120
DBFM = Dibromofluoromethane	75-121
TOL = Toluene-d8 (Surr)	75-120

Quality Control Results

Job Number: 680-36879-1

Client: Hercules Inc.

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	TOL %Rec
680-36879-25 DL	HER-MW17-051608 DL	101	110	99
680-36879-26	HER-MW18-051408	106	105	104
680-36879-27	HER-MW19-051408	106	105	105
680-36879-28	HER-FD1-051408	109	107	104
680-36879-29	HER-FD2-051508	102	135X	108
680-36879-29 DL	HER-FD2-051508 DL	104	112	102
680-36879-30	TB1	101	105	100
680-36879-31	TB2	102	106	101
MB 680-107019/14		104	107	103
MB 680-107071/25		100	100	99
MB 680-107136/8		102	105	101
MB 680-107154/10		103	104	102
MB 680-107254/8		102	111	100
MB 680-107282/7		101	109	97
MB 680-107519/11		104	121	100
LCS 680-107019/13		103	111	107
LCS 680-107071/23		101	101	97
LCS 680-107136/6		99	103	96
LCS 680-107154/1		120	109	115
LCS 680-107254/6		98	114	97
LCS 680-107282/5		101	110	96
LCS 680-107519/9		99	114	92
680-36879-11 MS	HER-MW03-051408 MS	108	114	110
680-36879-24 MS	HER-MW16-051508 MS	93	101	91
680-36879-11 MSD	HER-MW03-051408 MSD	105	111	109
680-36879-24 MSD	HER-MW16-051508 MSD	99	109	97

Surrogate	Acceptance Limits
BFB = 4-Bromofluorobenzene	75-120
DBFM = Dibromofluoromethane	75-121
TOL = Toluene-d8 (Surr)	75-120

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Method Blank - Batch: 680-107019

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-107019/14
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/25/2008 0005
Date Prepared: 05/25/2008 0005

Analysis Batch: 680-107019
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq311.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
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Method Blank - Batch: 680-107019

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 680-107019/14
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/25/2008 0005
 Date Prepared: 05/25/2008 0005

Analysis Batch: 680-107019
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - A
 Lab File ID: aq311.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	104	75 - 120	
Dibromofluoromethane	107	75 - 121	
Toluene-d8 (Surr)	103	75 - 120	

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Lab Control Spike - Batch: 680-107019

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-107019/13
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2008 2232
Date Prepared: 05/24/2008 2232

Analysis Batch: 680-107019
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq309.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	97.9	98	17 - 175	
Benzene	50.0	50.8	102	77 - 119	
Dichlorobromomethane	50.0	52.8	106	78 - 127	
Bromoform	50.0	48.9	98	62 - 133	
Bromomethane	50.0	68.4	137	12 - 184	
2-Butanone (MEK)	100	106	105	33 - 157	
Carbon disulfide	50.0	61.3	123	55 - 131	
Carbon tetrachloride	50.0	49.3	99	71 - 135	
Chlorobenzene	50.0	49.6	99	85 - 116	
Chloroethane	50.0	61.2	122	40 - 165	
Chloroform	50.0	53.9	108	82 - 120	
Chloromethane	50.0	50.2	100	48 - 142	
Chlorodibromomethane	50.0	43.8	88	75 - 133	
1,2-Dibromo-3-Chloropropane	50.0	45.8	92	49 - 140	
Ethylene Dibromide	50.0	53.8	108	80 - 121	
Dibromomethane	50.0	50.8	102	78 - 119	
Dichlorodifluoromethane	50.0	58.2	116	34 - 154	
1,1-Dichloroethane	50.0	46.6	93	74 - 127	
1,2-Dichloroethane	50.0	47.0	94	66 - 132	
1,1-Dichloroethene	50.0	50.7	101	62 - 141	
cis-1,2-Dichloroethene	50.0	54.8	110	69 - 134	
trans-1,2-Dichloroethene	50.0	50.4	101	72 - 131	
1,2-Dichloropropane	50.0	49.6	99	73 - 124	
cis-1,3-Dichloropropene	50.0	45.7	91	76 - 126	
trans-1,3-Dichloropropene	50.0	44.6	89	73 - 128	
Ethylbenzene	50.0	50.5	101	86 - 116	
2-Hexanone	100	99.4	99	34 - 161	
Methylene Chloride	50.0	51.6	103	70 - 125	
4-Methyl-2-pentanone (MIBK)	100	101	101	40 - 151	
Styrene	50.0	52.1	104	82 - 122	
1,1,1,2-Tetrachloroethane	50.0	46.0	92	81 - 128	
1,1,2,2-Tetrachloroethane	50.0	50.4	101	69 - 129	
Tetrachloroethene	50.0	50.6	101	76 - 126	
Toluene	50.0	53.7	107	81 - 117	
1,1,1-Trichloroethane	50.0	52.1	104	76 - 127	
1,1,2-Trichloroethane	50.0	52.3	105	75 - 121	
Trichloroethene	50.0	50.8	102	84 - 115	
Trichlorofluoromethane	50.0	48.1	96	58 - 149	
1,2,3-Trichloropropane	50.0	50.2	100	70 - 130	
Vinyl acetate	100	86.5	87	10 - 217	
Vinyl chloride	50.0	58.1	116	59 - 144	

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Lab Control Spike - Batch: 680-107019

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-107019/13
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/24/2008 2232
Date Prepared: 05/24/2008 2232

Analysis Batch: 680-107019
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq309.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	152	101	84 - 118	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		103		75 - 120	
Dibromofluoromethane		111		75 - 121	
Toluene-d8 (Surr)		107		75 - 120	

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Method Blank - Batch: 680-107071

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-107071/25
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/25/2008 1215
Date Prepared: 05/25/2008 1215

Analysis Batch: 680-107071
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq425.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
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Method Blank - Batch: 680-107071

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-107071/25
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/25/2008 1215
Date Prepared: 05/25/2008 1215

Analysis Batch: 680-107071
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq425.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	75 - 120	
Dibromofluoromethane	100	75 - 121	
Toluene-d8 (Surr)	99	75 - 120	

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Lab Control Spike - Batch: 680-107071

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-107071/23
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/25/2008 1115
Date Prepared: 05/25/2008 1115

Analysis Batch: 680-107071
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq423.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	125	125	17 - 175	
Benzene	50.0	47.7	95	77 - 119	
Dichlorobromomethane	50.0	52.3	105	78 - 127	
Bromoform	50.0	54.9	110	62 - 133	
Bromomethane	50.0	54.6	109	12 - 184	
2-Butanone (MEK)	100	99.0	99	33 - 157	
Carbon disulfide	50.0	61.7	123	55 - 131	
Carbon tetrachloride	50.0	53.4	107	71 - 135	
Chlorobenzene	50.0	50.1	100	85 - 116	
Chloroethane	50.0	73.9	148	40 - 165	
Chloroform	50.0	48.4	97	82 - 120	
Chloromethane	50.0	59.9	120	48 - 142	
Chlorodibromomethane	50.0	55.5	111	75 - 133	
1,2-Dibromo-3-Chloropropane	50.0	58.2	116	49 - 140	
Ethylene Dibromide	50.0	48.9	98	80 - 121	
Dibromomethane	50.0	49.5	99	78 - 119	
Dichlorodifluoromethane	50.0	71.1	142	34 - 154	
1,1-Dichloroethane	50.0	48.1	96	74 - 127	
1,2-Dichloroethane	50.0	48.2	96	66 - 132	
1,1-Dichloroethene	50.0	55.1	110	62 - 141	
cis-1,2-Dichloroethene	50.0	47.8	96	69 - 134	
trans-1,2-Dichloroethene	50.0	55.7	111	72 - 131	
1,2-Dichloropropane	50.0	47.3	95	73 - 124	
cis-1,3-Dichloropropene	50.0	57.8	116	76 - 126	
trans-1,3-Dichloropropene	50.0	58.2	116	73 - 128	
Ethylbenzene	50.0	50.8	102	86 - 116	
2-Hexanone	100	105	105	34 - 161	
Methylene Chloride	50.0	58.8	118	70 - 125	
4-Methyl-2-pentanone (MIBK)	100	100	100	40 - 151	
Styrene	50.0	52.9	106	82 - 122	
1,1,1,2-Tetrachloroethane	50.0	53.2	106	81 - 128	
1,1,2,2-Tetrachloroethane	50.0	52.5	105	69 - 129	
Tetrachloroethene	50.0	50.3	101	76 - 126	
Toluene	50.0	49.9	100	81 - 117	
1,1,1-Trichloroethane	50.0	50.1	100	76 - 127	
1,1,2-Trichloroethane	50.0	48.5	97	75 - 121	
Trichloroethene	50.0	48.2	96	84 - 115	
Trichlorofluoromethane	50.0	61.6	123	58 - 149	
1,2,3-Trichloropropane	50.0	51.9	104	70 - 130	
Vinyl acetate	100	106	106	10 - 217	
Vinyl chloride	50.0	64.0	128	59 - 144	

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Lab Control Spike - Batch: 680-107071

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-107071/23
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/25/2008 1115
Date Prepared: 05/25/2008 1115

Analysis Batch: 680-107071
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq423.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	157	105	84 - 118	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		101		75 - 120	
Dibromofluoromethane		101		75 - 121	
Toluene-d8 (Surr)		97		75 - 120	

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Method Blank - Batch: 680-107136

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 680-107136/8
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/27/2008 1352
 Date Prepared: 05/27/2008 1352

Analysis Batch: 680-107136
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - O
 Lab File ID: oq437.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
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Method Blank - Batch: 680-107136

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-107136/8
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/27/2008 1352
 Date Prepared: 05/27/2008 1352

Analysis Batch: 680-107136
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - O
 Lab File ID: oq437.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Propionitrile	<20		
Styrene	<1.0		20
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		1.0
Vinyl chloride	<1.0		2.0
Xylenes, Total	<2.0		1.0
			2.0
Surrogate	% Rec	Acceptance Limits	
4-Bromofluorobenzene	102	75 - 120	
Dibromofluoromethane	105	75 - 121	
Toluene-d8 (Surr)	101	75 - 120	

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Lab Control Spike - Batch: 680-107136

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 680-107136/6
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/27/2008 1156
 Date Prepared: 05/27/2008 1156

Analysis Batch: 680-107136
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - O
 Lab File ID: oq431.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	96.7	97	17 - 175	
Benzene	50.0	47.7	95	77 - 119	
Dichlorobromomethane	50.0	50.9	102	78 - 127	
Bromoform	50.0	53.3	107	62 - 133	
Bromomethane	50.0	41.1	82	12 - 184	
2-Butanone (MEK)	100	101	101	33 - 157	
Carbon disulfide	50.0	47.9	96	55 - 131	
Carbon tetrachloride	50.0	50.6	101	71 - 135	
Chlorobenzene	50.0	48.7	97	85 - 116	
Chloroethane	50.0	42.9	86	40 - 165	
Chloroform	50.0	50.4	101	82 - 120	
Chloromethane	50.0	43.3	87	48 - 142	
Chlorodibromomethane	50.0	54.0	108	75 - 133	
1,2-Dibromo-3-Chloropropane	50.0	55.8	112	49 - 140	
Ethylene Dibromide	50.0	48.1	96	80 - 121	
Dibromomethane	50.0	46.5	93	78 - 119	
Dichlorodifluoromethane	50.0	47.1	94	34 - 154	
1,1-Dichloroethane	50.0	50.8	102	74 - 127	
1,2-Dichloroethane	50.0	43.5	87	66 - 132	
1,1-Dichloroethene	50.0	44.5	89	62 - 141	
cis-1,2-Dichloroethene	50.0	49.8	100	69 - 134	
trans-1,2-Dichloroethene	50.0	49.2	98	72 - 131	
1,2-Dichloropropane	50.0	47.6	95	73 - 124	
cis-1,3-Dichloropropene	50.0	57.1	114	76 - 126	
trans-1,3-Dichloropropene	50.0	55.6	111	73 - 128	
Ethylbenzene	50.0	49.4	99	86 - 116	
2-Hexanone	100	99.8	100	34 - 161	
Methylene Chloride	50.0	48.0	96	70 - 125	
4-Methyl-2-pentanone (MIBK)	100	96.8	97	40 - 151	
Styrene	50.0	51.8	104	82 - 122	
1,1,1,2-Tetrachloroethane	50.0	51.5	103	81 - 128	
1,1,2,2-Tetrachloroethane	50.0	50.7	101	69 - 129	
Tetrachloroethene	50.0	49.5	99	76 - 126	
Toluene	50.0	49.1	98	81 - 117	
1,1,1-Trichloroethane	50.0	49.3	99	76 - 127	
1,1,2-Trichloroethane	50.0	47.7	95	75 - 121	
Trichloroethene	50.0	48.1	96	84 - 115	
Trichlorofluoromethane	50.0	44.2	88	58 - 149	
1,2,3-Trichloropropane	50.0	49.2	98	70 - 130	
Vinyl acetate	100	107	107	10 - 217	
Vinyl chloride	50.0	45.2	90	59 - 144	

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Lab Control Spike - Batch: 680-107136

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-107136/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/27/2008 1156
Date Prepared: 05/27/2008 1156

Analysis Batch: 680-107136
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq431.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	154	102	84 - 118	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		99		75 - 120	
Dibromofluoromethane		103		75 - 121	
Toluene-d8 (Surr)		96		75 - 120	

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-107136**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 680-36879-24
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/27/2008 2122
Date Prepared: 05/27/2008 2122

Analysis Batch: 680-107136
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - O
Lab File ID: o2899.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-36879-24
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/27/2008 2151
Date Prepared: 05/27/2008 2151

Analysis Batch: 680-107136
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - O
Lab File ID: o2901.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Acetone	79	86	17 - 175	8	50		
Benzene	90	95	77 - 119	5	30		
Dichlorobromomethane	91	95	78 - 127	5	30		
Bromoform	95	103	62 - 133	8	30		
Bromomethane	60	80	12 - 184	28	50		
2-Butanone (MEK)	90	95	33 - 157	5	30		
Carbon disulfide	96	105	55 - 131	9	30		
Carbon tetrachloride	95	101	71 - 135	6	30		
Chlorobenzene	94	103	85 - 116	9	30		
Chloroethane	86	98	40 - 165	13	50		
Chloroform	99	105	82 - 120	6	30		
Chloromethane	87	93	48 - 142	7	50		
Chlorodibromomethane	99	109	75 - 133	10	30		
1,2-Dibromo-3-Chloropropane	105	112	49 - 140	7	30		
Ethylene Dibromide	86	90	80 - 121	4	30		
Dibromomethane	83	88	78 - 119	6	30		
Dichlorodifluoromethane	108	115	34 - 154	7	30		
1,1-Dichloroethane	97	103	74 - 127	6	30		
1,2-Dichloroethane	78	80	66 - 132	3	30		
1,1-Dichloroethene	86	89	62 - 141	4	30		
cis-1,2-Dichloroethene	96	103	69 - 134	7	30		
trans-1,2-Dichloroethene	96	103	72 - 131	7	30		
1,2-Dichloropropane	88	92	73 - 124	4	30		
cis-1,3-Dichloropropene	100	107	76 - 126	7	30		
trans-1,3-Dichloropropene	97	100	73 - 128	3	30		
Ethylbenzene	96	103	86 - 116	7	30		
2-Hexanone	88	93	34 - 161	6	30		
Methylene Chloride	90	97	70 - 125	8	30		
4-Methyl-2-pentanone (MIBK)	87	90	40 - 151	3	30		

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-107136**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 680-36879-24
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/27/2008 2122
Date Prepared: 05/27/2008 2122

Analysis Batch: 680-107136
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - O
Lab File ID: o2899.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-36879-24
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/27/2008 2151
Date Prepared: 05/27/2008 2151

Analysis Batch: 680-107136
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - O
Lab File ID: o2901.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Styrene	96	106	82 - 122	9	30		
1,1,1,2-Tetrachloroethane	96	105	81 - 128	9	30		
1,1,2,2-Tetrachloroethane	95	103	69 - 129	8	30		
Tetrachloroethene	96	104	76 - 126	8	30		
Toluene	92	100	81 - 117	8	30		
1,1,1-Trichloroethane	92	96	76 - 127	5	30		
1,1,2-Trichloroethane	86	90	75 - 121	5	30		
Trichloroethene	90	96	84 - 115	6	30		
Trichlorofluoromethane	85	93	58 - 149	9	50		
1,2,3-Trichloropropane	91	96	70 - 130	5	30		
Vinyl acetate	97	101	10 - 217	4	30		
Vinyl chloride	97	102	59 - 144	6	50		
Xylenes, Total	99	108	84 - 118	8	30		
Surrogate							
		MS % Rec	MSD % Rec			Acceptance Limits	
4-Bromofluorobenzene		93	99			75 - 120	
Dibromofluoromethane		101	109			75 - 121	
Toluene-d8 (Surr)		91	97			75 - 120	

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Method Blank - Batch: 680-107154

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-107154/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/27/2008 1934
Date Prepared: 05/27/2008 1934

Analysis Batch: 680-107154
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A C2
Lab File ID: aq354.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
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Method Blank - Batch: 680-107154

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-107154/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/27/2008 1934
Date Prepared: 05/27/2008 1934

Analysis Batch: 680-107154
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A C2
Lab File ID: aq354.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Propionitrile	<20		
Styrene	<1.0		20
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		1.0
Vinyl chloride	<1.0		2.0
Xylenes, Total	<2.0		1.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	103	75 - 120
Dibromofluoromethane	104	75 - 121
Toluene-d8 (Surr)	102	75 - 120

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Lab Control Spike - Batch: 680-107154

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-107154/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/27/2008 1758
Date Prepared: 05/27/2008 1758

Analysis Batch: 680-107154
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A C2
Lab File ID: aq348.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	114	114	17 - 175	
Benzene	50.0	49.8	100	77 - 119	
Dichlorobromomethane	50.0	60.9	122	78 - 127	
Bromoform	50.0	61.4	123	62 - 133	
Bromomethane	50.0	43.6	87	12 - 184	
2-Butanone (MEK)	100	113	113	33 - 157	
Carbon disulfide	50.0	48.9	98	55 - 131	
Carbon tetrachloride	50.0	54.2	108	71 - 135	
Chlorobenzene	50.0	56.4	113	85 - 116	
Chloroethane	50.0	37.9	76	40 - 165	
Chloroform	50.0	55.4	111	82 - 120	
Chloromethane	50.0	31.3	63	48 - 142	
Chlorodibromomethane	50.0	60.7	121	75 - 133	
1,2-Dibromo-3-Chloropropane	50.0	56.5	113	49 - 140	
Ethylene Dibromide	50.0	61.3	123	80 - 121	*
Dibromomethane	50.0	56.1	112	78 - 119	
Dichlorodifluoromethane	50.0	34.8	70	34 - 154	
1,1-Dichloroethane	50.0	49.1	98	74 - 127	
1,2-Dichloroethane	50.0	52.6	105	66 - 132	
1,1-Dichloroethene	50.0	46.6	93	62 - 141	
cis-1,2-Dichloroethene	50.0	54.3	109	69 - 134	
trans-1,2-Dichloroethene	50.0	44.2	88	72 - 131	
1,2-Dichloropropane	50.0	55.9	112	73 - 124	
cis-1,3-Dichloropropene	50.0	56.4	113	76 - 126	
trans-1,3-Dichloropropene	50.0	57.9	116	73 - 128	
Ethylbenzene	50.0	56.8	114	86 - 116	
2-Hexanone	100	127	127	34 - 161	
Methylene Chloride	50.0	44.2	88	70 - 125	
4-Methyl-2-pentanone (MIBK)	100	123	123	40 - 151	
Styrene	50.0	61.7	123	82 - 122	*
1,1,1,2-Tetrachloroethane	50.0	62.1	124	81 - 128	
1,1,2,2-Tetrachloroethane	50.0	57.1	114	69 - 129	
Tetrachloroethene	50.0	55.0	110	76 - 126	
Toluene	50.0	57.1	114	81 - 117	
1,1,1-Trichloroethane	50.0	51.4	103	76 - 127	
1,1,2-Trichloroethane	50.0	59.9	120	75 - 121	
Trichloroethene	50.0	52.5	105	84 - 115	
Trichlorofluoromethane	50.0	40.0	80	58 - 149	
1,2,3-Trichloropropane	50.0	60.8	122	70 - 130	
Vinyl acetate	100	117	117	10 - 217	
Vinyl chloride	50.0	39.1	78	59 - 144	

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Lab Control Spike - Batch: 680-107154

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-107154/1
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/27/2008 1758
Date Prepared: 05/27/2008 1758

Analysis Batch: 680-107154
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A C2
Lab File ID: aq348.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	173	115	84 - 118	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		120		75 - 120	
Dibromofluoromethane		109		75 - 121	
Toluene-d8 (Surr)		115		75 - 120	

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-107154**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 680-36879-11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/27/2008 2051
Date Prepared: 05/27/2008 2051

Analysis Batch: 680-107154
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - A C2
Lab File ID: a0206.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-36879-11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/27/2008 2119
Date Prepared: 05/27/2008 2119

Analysis Batch: 680-107154
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - A C2
Lab File ID: a0208.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Acetone	90	90	17 - 175	1	50		
Benzene	103	105	77 - 119	2	30		
Dichlorobromomethane	98	105	78 - 127	7	30		
Bromoform	97	101	62 - 133	5	30		
Bromomethane	213	158	12 - 184	30	50	F	
2-Butanone (MEK)	100	98	33 - 157	3	30		
Carbon disulfide	138	120	55 - 131	14	30	F	
Carbon tetrachloride	109	115	71 - 135	5	30		
Chlorobenzene	102	105	85 - 116	2	30		
Chloroethane	132	110	40 - 165	18	50		
Chloroform	114	111	82 - 120	2	30		
Chloromethane	144	113	48 - 142	24	50	F	
Chlorodibromomethane	95	106	75 - 133	11	30		
1,2-Dibromo-3-Chloropropane	96	99	49 - 140	3	30		
Ethylene Dibromide	96	100	80 - 121	4	30		
Dibromomethane	88	99	78 - 119	12	30		
Dichlorodifluoromethane	134	114	34 - 154	16	30		
1,1-Dichloroethane	92	116	74 - 127	23	30		
1,2-Dichloroethane	85	97	66 - 132	13	30		
1,1-Dichloroethene	118	117	62 - 141	1	30		
cis-1,2-Dichloroethene	118	116	69 - 134	2	30		
trans-1,2-Dichloroethene	92	104	72 - 131	13	30		
1,2-Dichloropropane	97	102	73 - 124	4	30		
cis-1,3-Dichloropropene	99	105	76 - 126	6	30		
trans-1,3-Dichloropropene	98	103	73 - 128	5	30		
Ethylbenzene	110	110	86 - 116	0	30		
2-Hexanone	92	98	34 - 161	7	30		
Methylene Chloride	122	104	70 - 125	16	30		
4-Methyl-2-pentanone (MIBK)	94	99	40 - 151	5	30		

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-107154**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 680-36879-11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/27/2008 2051
Date Prepared: 05/27/2008 2051

Analysis Batch: 680-107154
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - A C2
Lab File ID: a0206.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-36879-11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/27/2008 2119
Date Prepared: 05/27/2008 2119

Analysis Batch: 680-107154
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - A C2
Lab File ID: a0208.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Styrene	113	112	82 - 122	0	30		
1,1,1,2-Tetrachloroethane	104	110	81 - 128	5	30		
1,1,2,2-Tetrachloroethane	96	103	69 - 129	7	30		
Tetrachloroethene	109	114	76 - 126	4	30		
Toluene	112	108	81 - 117	4	30		
1,1,1-Trichloroethane	108	111	76 - 127	2	30		
1,1,2-Trichloroethane	91	98	75 - 121	7	30		
Trichloroethene	100	103	84 - 115	3	30		
Trichlorofluoromethane	128	123	58 - 149	4	50		
1,2,3-Trichloropropane	99	104	70 - 130	5	30		
Vinyl acetate	83	115	10 - 217	32	30		
Vinyl chloride	145	113	59 - 144	25	50	F	F
Xylenes, Total	111	112	84 - 118	0	30		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
4-Bromofluorobenzene		108	105			75 - 120	
Dibromofluoromethane		114	111			75 - 121	
Toluene-d8 (Surr)		110	109			75 - 120	

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Method Blank - Batch: 680-107254

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-107254/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/28/2008 1314
Date Prepared: 05/28/2008 1314

Analysis Batch: 680-107254
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq448.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
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Method Blank - Batch: 680-107254

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 680-107254/8
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/28/2008 1314
 Date Prepared: 05/28/2008 1314

Analysis Batch: 680-107254
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
 Lab File ID: oq448.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Propionitrile	<20		
Styrene	<1.0		20
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		1.0
Vinyl chloride	<1.0		2.0
Xylenes, Total	<2.0		1.0
			2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	102	75 - 120
Dibromofluoromethane	111	75 - 121
Toluene-d8 (Surr)	100	75 - 120

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Lab Control Spike - Batch: 680-107254

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-107254/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/28/2008 1136
Date Prepared: 05/28/2008 1136

Analysis Batch: 680-107254
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq444.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	96.7	97	17 - 175	
Benzene	50.0	46.8	94	77 - 119	
Dichlorobromomethane	50.0	50.4	101	78 - 127	
Bromoform	50.0	49.8	100	62 - 133	
Bromomethane	50.0	44.1	88	12 - 184	
2-Butanone (MEK)	100	104	104	33 - 157	
Carbon disulfide	50.0	53.8	108	55 - 131	
Carbon tetrachloride	50.0	46.6	93	71 - 135	
Chlorobenzene	50.0	50.6	101	85 - 116	
Chloroethane	50.0	41.8	84	40 - 165	
Chloroform	50.0	52.6	105	82 - 120	
Chloromethane	50.0	36.8	74	48 - 142	
Chlorodibromomethane	50.0	56.0	112	75 - 133	
1,2-Dibromo-3-Chloropropane	50.0	60.5	121	49 - 140	
Ethylene Dibromide	50.0	50.5	101	80 - 121	
Dibromomethane	50.0	47.8	96	78 - 119	
Dichlorodifluoromethane	50.0	52.7	105	34 - 154	
1,1-Dichloroethane	50.0	50.6	101	74 - 127	
1,2-Dichloroethane	50.0	40.5	81	66 - 132	
1,1-Dichloroethene	50.0	46.3	93	62 - 141	
cis-1,2-Dichloroethene	50.0	55.5	111	69 - 134	
trans-1,2-Dichloroethene	50.0	52.6	105	72 - 131	
1,2-Dichloropropane	50.0	45.0	90	73 - 124	
cis-1,3-Dichloropropene	50.0	56.5	113	76 - 126	
trans-1,3-Dichloropropene	50.0	54.5	109	73 - 128	
Ethylbenzene	50.0	50.7	101	86 - 116	
2-Hexanone	100	96.1	96	34 - 161	
Methylene Chloride	50.0	52.0	104	70 - 125	
4-Methyl-2-pentanone (MIBK)	100	92.5	92	40 - 151	
Styrene	50.0	53.1	106	82 - 122	
1,1,1,2-Tetrachloroethane	50.0	53.4	107	81 - 128	
1,1,2,2-Tetrachloroethane	50.0	52.5	105	69 - 129	
Tetrachloroethene	50.0	50.7	101	76 - 126	
Toluene	50.0	49.2	98	81 - 117	
1,1,1-Trichloroethane	50.0	45.2	90	76 - 127	
1,1,2-Trichloroethane	50.0	48.7	97	75 - 121	
Trichloroethene	50.0	48.1	96	84 - 115	
Trichlorofluoromethane	50.0	43.4	87	58 - 149	
1,2,3-Trichloropropane	50.0	49.9	100	70 - 130	
Vinyl acetate	100	119	119	10 - 217	
Vinyl chloride	50.0	45.2	90	59 - 144	

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Lab Control Spike - Batch: 680-107254

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-107254/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/28/2008 1136
Date Prepared: 05/28/2008 1136

Analysis Batch: 680-107254
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O C2
Lab File ID: oq444.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	157	104	84 - 118	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		98		75 - 120	
Dibromofluoromethane		114		75 - 121	
Toluene-d8 (Surr)		97		75 - 120	

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Method Blank - Batch: 680-107282

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-107282/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/28/2008 1300
Date Prepared: 05/28/2008 1300

Analysis Batch: 680-107282
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq447.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
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Method Blank - Batch: 680-107282

**Method: 8260B
Preparation: 5030B**

Lab Sample ID: MB 680-107282/7
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/28/2008 1300
 Date Prepared: 05/28/2008 1300

Analysis Batch: 680-107282
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - O
 Lab File ID: oq447.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Propionitrile	<20		
Styrene	<1.0		20
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		1.0
Vinyl chloride	<1.0		2.0
Xylenes, Total	<2.0		1.0
			2.0
Surrogate	% Rec	Acceptance Limits	
4-Bromofluorobenzene	101	75 - 120	
Dibromofluoromethane	109	75 - 121	
Toluene-d8 (Surr)	97	75 - 120	

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Lab Control Spike - Batch: 680-107282

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-107282/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/28/2008 1121
Date Prepared: 05/28/2008 1121

Analysis Batch: 680-107282
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq443.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	100	100	17 - 175	
Benzene	50.0	46.5	93	77 - 119	
Dichlorobromomethane	50.0	49.2	98	78 - 127	
Bromoform	50.0	56.5	113	62 - 133	
Bromomethane	50.0	42.7	85	12 - 184	
2-Butanone (MEK)	100	104	104	33 - 157	
Carbon disulfide	50.0	49.5	99	55 - 131	
Carbon tetrachloride	50.0	46.3	93	71 - 135	
Chlorobenzene	50.0	50.8	102	85 - 116	
Chloroethane	50.0	43.0	86	40 - 165	
Chloroform	50.0	51.1	102	82 - 120	
Chloromethane	50.0	43.6	87	48 - 142	
Chlorodibromomethane	50.0	57.0	114	75 - 133	
1,2-Dibromo-3-Chloropropane	50.0	60.4	121	49 - 140	
Ethylene Dibromide	50.0	48.8	98	80 - 121	
Dibromomethane	50.0	46.8	94	78 - 119	
Dichlorodifluoromethane	50.0	52.0	104	34 - 154	
1,1-Dichloroethane	50.0	50.5	101	74 - 127	
1,2-Dichloroethane	50.0	40.5	81	66 - 132	
1,1-Dichloroethene	50.0	43.0	86	62 - 141	
cis-1,2-Dichloroethene	50.0	52.4	105	69 - 134	
trans-1,2-Dichloroethene	50.0	49.6	99	72 - 131	
1,2-Dichloropropane	50.0	46.5	93	73 - 124	
cis-1,3-Dichloropropene	50.0	56.2	112	76 - 126	
trans-1,3-Dichloropropene	50.0	53.9	108	73 - 128	
Ethylbenzene	50.0	50.9	102	86 - 116	
2-Hexanone	100	102	102	34 - 161	
Methylene Chloride	50.0	50.3	101	70 - 125	
4-Methyl-2-pentanone (MIBK)	100	92.8	93	40 - 151	
Styrene	50.0	53.4	107	82 - 122	
1,1,1,2-Tetrachloroethane	50.0	53.4	107	81 - 128	
1,1,2,2-Tetrachloroethane	50.0	54.1	108	69 - 129	
Tetrachloroethene	50.0	49.9	100	76 - 126	
Toluene	50.0	48.1	96	81 - 117	
1,1,1-Trichloroethane	50.0	44.8	90	76 - 127	
1,1,2-Trichloroethane	50.0	47.7	95	75 - 121	
Trichloroethene	50.0	47.0	94	84 - 115	
Trichlorofluoromethane	50.0	42.0	84	58 - 149	
1,2,3-Trichloropropane	50.0	52.9	106	70 - 130	
Vinyl acetate	100	113	113	10 - 217	
Vinyl chloride	50.0	46.9	94	59 - 144	

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Lab Control Spike - Batch: 680-107282

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-107282/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/28/2008 1121
Date Prepared: 05/28/2008 1121

Analysis Batch: 680-107282
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq443.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	158	105	84 - 118	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		101		75 - 120	
Dibromofluoromethane		110		75 - 121	
Toluene-d8 (Surr)		96		75 - 120	

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Method Blank - Batch: 680-107519

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-107519/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/30/2008 1149
Date Prepared: 05/30/2008 1149

Analysis Batch: 680-107519
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq469.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
2-Butanone (MEK)	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Method Blank - Batch: 680-107519

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-107519/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/30/2008 1149
Date Prepared: 05/30/2008 1149

Analysis Batch: 680-107519
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq469.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	104	75 - 120
Dibromofluoromethane	121	75 - 121
Toluene-d8 (Surr)	100	75 - 120

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Lab Control Spike - Batch: 680-107519

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 680-107519/9
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/30/2008 1011
 Date Prepared: 05/30/2008 1011

Analysis Batch: 680-107519
 Prep Batch: N/A
 Units: ug/L

Instrument ID: GC/MS Volatiles - O
 Lab File ID: oq465.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	97.0	97	17 - 175	
Benzene	50.0	45.1	90	77 - 119	
Dichlorobromomethane	50.0	46.6	93	78 - 127	
Bromoform	50.0	55.4	111	62 - 133	
Bromomethane	50.0	47.8	96	12 - 184	
2-Butanone (MEK)	100	94.4	94	33 - 157	
Carbon disulfide	50.0	51.5	103	55 - 131	
Carbon tetrachloride	50.0	45.7	91	71 - 135	
Chlorobenzene	50.0	51.1	102	85 - 116	
Chloroethane	50.0	44.6	89	40 - 165	
Chloroform	50.0	52.5	105	82 - 120	
Chloromethane	50.0	44.2	88	48 - 142	
Chlorodibromomethane	50.0	56.3	113	75 - 133	
1,2-Dibromo-3-Chloropropane	50.0	55.8	112	49 - 140	
Ethylene Dibromide	50.0	46.6	93	80 - 121	
Dibromomethane	50.0	44.7	89	78 - 119	
Dichlorodifluoromethane	50.0	54.6	109	34 - 154	
1,1-Dichloroethane	50.0	50.1	100	74 - 127	
1,2-Dichloroethane	50.0	36.8	74	66 - 132	
1,1-Dichloroethene	50.0	47.0	94	62 - 141	
cis-1,2-Dichloroethene	50.0	55.3	111	69 - 134	
trans-1,2-Dichloroethene	50.0	51.6	103	72 - 131	
1,2-Dichloropropane	50.0	43.6	87	73 - 124	
cis-1,3-Dichloropropene	50.0	53.1	106	76 - 126	
trans-1,3-Dichloropropene	50.0	51.0	102	73 - 128	
Ethylbenzene	50.0	50.6	101	86 - 116	
2-Hexanone	100	89.8	90	34 - 161	
Methylene Chloride	50.0	50.8	102	70 - 125	
4-Methyl-2-pentanone (MIBK)	100	82.2	82	40 - 151	
Styrene	50.0	52.3	105	82 - 122	
1,1,1,2-Tetrachloroethane	50.0	52.9	106	81 - 128	
1,1,2,2-Tetrachloroethane	50.0	50.9	102	69 - 129	
Tetrachloroethene	50.0	52.2	104	76 - 126	
Toluene	50.0	47.6	95	81 - 117	
1,1,1-Trichloroethane	50.0	44.2	88	76 - 127	
1,1,2-Trichloroethane	50.0	45.4	91	75 - 121	
Trichloroethene	50.0	48.2	96	84 - 115	
Trichlorofluoromethane	50.0	45.2	90	58 - 149	
1,2,3-Trichloropropane	50.0	49.6	99	70 - 130	
Vinyl acetate	100	107	107	10 - 217	
Vinyl chloride	50.0	47.9	96	59 - 144	

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-36879-1

Lab Control Spike - Batch: 680-107519

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-107519/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/30/2008 1011
Date Prepared: 05/30/2008 1011

Analysis Batch: 680-107519
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq465.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	157	104	84 - 118	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		99		75 - 120	
Dibromofluoromethane		114		75 - 121	
Toluene-d8 (Surr)		92		75 - 120	

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

Serial Number 005575 *Cover 1 of 2*

TestAmerica

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

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

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE HER25080	PROJECT NO.	PROJECT LOCATION (STATE) MS	MATRIX TYPE	REQUIRED ANALYSIS	PAGE 1	STANDARD REPORT DELIVERY <input type="radio"/>	DATE DUE	EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="radio"/>	DATE DUE	NUMBER OF COOLERS SUBMITTED PER SHIPMENT	REMARKS
TAL (LAB) PROJECT MANAGER Lidia Gabiliza	P.O. NUMBER 4500911547	CONTRACT NO.	AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT, ...)								
CLIENT (SITE) PM Tim Hassett	CLIENT PHONE 302-995-3456	CLIENT FAX									
CLIENT NAME Hercules, Inc	CLIENT E-MAIL										
CLIENT ADDRESS Hercules Research Center, 500 Hercules Rd. Wilmington, DE 19808											
COMPANY CONTRACTING THIS WORK (if applicable)											

DATE	TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX TYPE	NUMBER OF CONTAINERS SUBMITTED	REMARKS
05-13-2008	1535	HER - CM00 - 051308	<input checked="" type="checkbox"/>		4	
05-13-2008	1525	HER - CM01 - 051308	<input checked="" type="checkbox"/>		4	
05-13-2008	1515	HER - CM02 - 051308	<input checked="" type="checkbox"/>		4	
05-13-2008	1505	HER - CM03 - 051308	<input checked="" type="checkbox"/>		4	
05-13-2008	1450	HER - CM04 - 051308	<input checked="" type="checkbox"/>		4	
05-13-2008	1440	HER - CM05 - 051308	<input checked="" type="checkbox"/>		4	
05-13-2008	1500	HER - RS1 - 051308	<input checked="" type="checkbox"/>		4	
05-14-2008	0930	HER - RS2 - 051408	<input checked="" type="checkbox"/>		3	
05-15-2008	1225	HER - RS3 - 051508	<input checked="" type="checkbox"/>		3	
05-14-2008	1100	HER - M104 - 051408	<input checked="" type="checkbox"/>		3	
05-14-2008	0905	HER - M103 - 051408 (MS/MSD)	<input checked="" type="checkbox"/>		9	
05-14-2008	0935	HER - M102 - 051408	<input checked="" type="checkbox"/>		3	
RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
<i>[Signature]</i>		05-16-2008	1130			
RECEIVED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
<i>[Signature]</i>						

TEMP. 41.6/2.8

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES <input type="radio"/> NO <input type="radio"/>	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
<i>[Signature]</i>	051708	0945			1080-36879	

LABORATORY USE ONLY

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
 5102 LaRoche Avenue
 Savannah, GA 31404

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

Alternate Laboratory Name/Location

Phone:
 Fax:

Serial Number 005574 *Coster 1 of 2*

PROJECT REFERENCE HER05080	PROJECT NO.	PROJECT LOCATION (STATE) MS	MATRIX TYPE	REQUIRED ANALYSIS	PAGE 2 OF 3
TAL (LAB) PROJECT MANAGER Lidia Gwizdz	P.O. NUMBER 4500911597	CONTRACT NO.	AQUEOUS (WATER)	STANDARD REPORT DELIVERY	<input type="radio"/>
CLIENT (SITE) PM Tom Hassett	CLIENT PHONE 302-995-3456	CLIENT FAX	SOLID OR SEMISOLID	DATE DUE	<input type="radio"/>
CLIENT NAME Hercules, Inc	CLIENT E-MAIL		AIR	EXPEDITED REPORT DELIVERY (SURCHARGE)	<input type="radio"/>
CLIENT ADDRESS Hercules Research Center, 500 Hercules Rd Millington, DE 19808			NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	DATE DUE	
COMPANY CONTRACTING THIS WORK (if applicable)				NUMBER OF COOLERS SUBMITTED PER SHIPMENT	

SAMPLE DATE	TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX TYPE			NUMBER OF CONTAINERS SUBMITTED	REMARKS
				AQUEOUS (WATER)	SOLID OR SEMISOLID	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)		
05-14-2008	1220	HER-MW05-051408	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		3		
05-14-2008	1400	HER-MW06-051408	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		3		
05-15-2008	1230	HER-MW07-051508	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		3		
05-16-2008	1015	HER-MW08-051608	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		3		
05-16-2008	0925	HER-MW09-051608	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		3		
05-14-2008	1030	HER-MW10-051408	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		3		
05-14-2008	1135	HER-MW11-051408	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		3		
05-14-2008	1330	HER-MW12-051408	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		3		
05-15-2008	1525	HER-MW13-051508	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		3		
05-15-2008	1440	HER-MW14-051508	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		3		
05-15-2008	1400	HER-MW15-051508	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		3		
05-15-2008	1320	HER-MW16-051508 (MS/MSD)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		9		

RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i>	DATE 05/20/08	TIME 0945	CUSTODY INTACT YES <input checked="" type="radio"/> NO <input type="radio"/>	CUSTODY SEAL NO.	SAVANNAH LOG NO. 010-36879	LABORATORY REMARKS
RECEIVED BY: (SIGNATURE) Federx	DATE 05-16-2008	TIME 1130	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)

TestAmerica

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
 5102 LaRoche Avenue
 Savannah, GA 31404

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

Alternate Laboratory Name/Location

Phone:
 Fax:

Serial Number 005573 Cooler 1 of 2

PROJECT REFERENCE HER25080	PROJECT NO.	PROJECT LOCATION (STATE) MS	MATRIX TYPE	REQUIRED ANALYSIS	PAGE 3 OF 3
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TAL (LAB) PROJECT MANAGER Lidia Gualiza	P.O. NUMBER	CONTRACT NO.	APPROVED BY: [Signature]		
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CLIENT (SITE) PM Tom Hassett	CLIENT PHONE	CLIENT FAX	STANDARD REPORT DELIVERY	DATE DUE
--	--------------	------------	--------------------------	----------

CLIENT NAME Hercules, Inc	CLIENT E-MAIL	EXPEDITED REPORT DELIVERY (SURCHARGE)	DATE DUE
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CLIENT ADDRESS Hercules Research Center, 500 Hercules Rd Wilmington, DE 19808	DATE DUE
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COMPANY CONTRACTING THIS WORK (if applicable)

DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED	REMARKS
05-16-2008	1105	HER-M117-051608	G	✓			APR VOCs 8266	3	
05-14-2008	1430	HER-M118-051408	G	✓				3	
05-14-2008	1500	HER-M119-051408	G	✓				3	
05-14-2008	---	HER-F01-051408	G	✓				3	
05-15-2008	---	HER-F02-051508	G	✓				3	
		LAB TB1	G	✓				4	
		LAB TB2	G	✓				4	

REINQUISHED BY: (SIGNATURE) [Signature]	DATE 05-16-2008	TIME 1130	REINQUISHED BY: (SIGNATURE)	DATE	TIME	REINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) Fed Ex	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

RECEIVED FOR LABORATORY BY: (SIGNATURE) [Signature]	DATE 05-17-08	TIME 0915	CUSTODY INTACT YES <input checked="" type="radio"/> NO <input type="radio"/>	LABORATORY USE ONLY	LABORATORY REMARKS
				SAVANNAH LOG NO. P20-316829	

Login Sample Receipt Check List

Client: Hercules Inc.

Job Number: 680-36879-1

Login Number: 36879

Creator: Hall, Karl I

List Number: 1

List Source: TestAmerica Savannah


Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.6 and 2.8 C
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	Received with 3-6 days loss in holding time due to field hold.
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	Check headspace comments in narrative if applicable.
If necessary, staff have been informed of any short hold time or quick TAT needs	True	E-mail notification sent regarding holding times.
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

BONNER ANALYTICAL TESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION DIOXETHION HPLC ANALYSIS DATA

Client: Hercules		Collected: 5/14/2008	1100	Client	Sample Type: Water						
Sample ID: HER-NW04-051408		Extracted: 5/20/2008	1000	QA	Extraction Method: SW846_35LOC						
File #: BTB1134		Analyzed: 5/30/2008	0906	QA	Analysis Method: Modified SW846						
		Date		Analyst							
COMPOUNDS	PQL ug/L (ppb)	SAMPLE		METHOD BLANK		Lab Control		MATRIX SPIKE			
		Detected Amount ug/L (ppb)	% Recovery	Detected Amount ug/L (ppb)	% Recovery	Detected Amount ug/mL (ppm)	% Recovery	Detected Amount ug/mL (ppm)	% Recovery		
Dioxmethion	0.400	10.3		0.47		9.18	92	10.0	92	10.0	0
Dioxathion (cis)	0.400	ND		ND		10.40	104	10.0	104	10.0	0
Dioxathion (trans)	0.400	3.5		ND		10.00	100	10.0	100	10.0	0
SURROGATE COMPOUNDS		Detected Amount	% Recovery	Detected Amount	% Recovery	Detected Amount	% Recovery	Spiked Amount	% Recovery	Detected Amount	% Recovery
Naphthalene		4.7	94	5.47	109	6.24	125	5.00	109	5.00	0

B-Flag: Method blank contained dioxmethion contamination

Sample used for matrix spike contained dioxathions above linear range and/or interfering peaks (spike not reported)

Certified by: 
 Michael S. Bonner, Ph.D.
 BONNER ANALYTICAL TESTING COMPANY

BONNER ANALYTICAL TESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: Hercules
 Sample ID: HER-P013-051508
 File #: ETB1606

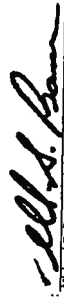
Collected: 5/15/2008 1525 Client
 Extracted: 5/20/2008 1000 FOR
 Analyzed: 5/20/2008 1006 DGA
 Date Analyst

Sample Type: Water
 Extraction Method: SW946 35:10C
 Analysis Method: Modified SW946

COMPOUNDS	PQL ug/L (ppb)	SAMPLE		METHOD BLANK		Lab Control		MATRIX SPIKE			
		Detected Amount ug/L (ppb)	Spike Amount ug/L Recovery	Detected Amount ug/L (ppb)	% Recovery	Detected Amount ug/mL (ppm)	% Recovery	Detected Amount ug/mL (ppm)	% Recovery	Detected Amount ug/mL (ppm)	% Recovery
Dioxenethion	0.400	35.4		0.47		9.18	92	10.0	92	10.0	0
Dioxathion (cis)	0.400	1.2		ND		10.40	104	10.0	104	10.0	0
Dioxathion (trans)	0.400	2.3		ND		10.00	100	10.0	100	10.0	0
SURROGATE COMPOUNDS											
Naphthalene		9.7	5.00	5.47	195	6.24	109	5.00	125	5.00	0

B-Flag: Method blank contained dioxenethion contamination

Sample used for matrix spike contained dioxathions above linear range and/or interfering peaks (spike not reported)

Certified by: 
 Richard S. Bonner, PLO
 BONNER ANALYTICAL TESTING COMPANY


BONNER ANALYTICAL TESTING COMPANY
 QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
 DIOXATHION / DIOXETHION HPLC ANALYSIS DATA

COMPOUNDS	PKL ug/L (ppb)	SAMPLE Spike			METHOD BLANK Spike			Lab Control Spike			MATRIX SPIKE Spike		
		Detected Amount ug/L (ppb)	Amount ug/L	% Recovery	Detected Amount ug/L (ppb)	Amount ug/L	% Recovery	Detected Amount ug/L (ppm)	Amount ug/mL	% Recovery	Detected Amount ug/mL (ppm)	Amount ug/mL	% Recovery
Dioxethion	0.400	2.5			0.47			9.18	10.0	92		10.0	0
Dioxathion (cis)	0.400	ND			ND			10.40	10.0	104		10.0	0
Dioxathion (trans)	0.400	ND			ND			10.00	10.0	100		10.0	0
SURROGATE COMPOUNDS													
Naphthalene		31.0	5.00	619	5.47	5.00	109	6.24	5.00	125		5.00	0

Client: Hershey's Collected: 5/15/2008 1440 Client Sample Type: Water
 Sample ID: 145114051588 Conducted: 5/20/2008 1060 Client Extraction Method: SMB96_3510C
 File #: HT01607 Analyzed: 5/20/2008 1028 DSA Analysis Method: Method SMB96

B-Flag: Method blank contained dioxethion contamination

Sample used for matrix spike contained dioxathions above linear range and/or interfering peaks (spike not reported)

Certified by: 
 Michael S. Bonner, Ph.D.
 BONNER ANALYTICAL TESTING COMPANY

BONNER ANALYTICAL TESTING COMPANY
 QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
 DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

COMPOUNDS	PQL ug/L (ppb)	SAMPLE		METHOD BLANK		Lab Control		MATRIX SPIKE	
		Detected Amount ug/L (ppb)	% Recovery	Detected Amount ug/L (ppb)	% Recovery	Detected Amount ug/mL (ppm)	% Recovery	Detected Amount ug/mL (ppm)	% Recovery
Dioxenethion	0.400	11.9		0.47		9.18	10.0	10.0	0
Dioxathion (cis)	0.400	6.0		ND		10.40	10.0	10.0	0
Dioxathion (trans)	0.400	ND		ND		10.00	10.0	10.0	0
SURROGATE COMPOUNDS									
Naphthalene		7.6	152	5.47	109	6.24	5.00	5.00	0

Client: Hercules Collected: 5/15/2008 1400 Client
 Sample ID: JES-MV15-051508 Extracted: 5/20/2008 1000 EOR
 File #: ED11608 Analyzed: 5/30/2008 1016 DGA
 Date: _____ Analyst: _____

Sample Type: Water
 Extraction Method: SW046 3510C
 Analysis Method: Method 50846

B-Flag: Method blank contained dioxenethion contamination

Sample used for matrix spike contained dioxathions above linear range and/or interfering peaks (spike not reported)


Certified by:  Michael S. Boney, Ph.D.
 BONNER ANALYTICAL TESTING COMPANY

BONNER ANALYTICAL TESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/DIOXENETHION HPLC ANALYSIS DATA

Client: Hercules	Sample ID: HER-NW16-051508	File #: BT116109	PQL ug/L (ppb)	Collected: 5/15/2008		Client: 1320		Sample Type: Water		
				Amount ug/L (ppb)	% Recovery	Amount ug/L (ppb)	% Recovery	Extraction Method: S08045	2510C	
				Extracted: 5/20/2008		EDX		Analysis Method: Modified S08045		
				Analyzed: 5/20/2008		DCA				
				Date		Analyst				
COMPOUNDS	Detected Amount ug/L (ppb)	SAMPLE Spike		METHOD BLANK Spike		Lab Control Spike		MATRIX SPIKE		
		Amount ug/L	% Recovery	Amount ug/L	% Recovery	Amount ug/mL	% Recovery	Amount ug/mL	% Recovery	
Dioxenethion	0.400	6.4		0.47		9.18	92	10.0	10.0	0
Dioxathion (cis)	0.400	ND		ND		10.40	104	10.0	10.0	0
Dioxathion (trans)	0.400	ND		ND		10.00	100	10.0	10.0	0
SURROGATE COMPOUNDS										
Naphthalene		16.5	330	5.47	109	6.24	125	5.00	5.00	0

B-Flag: Method blank contained dioxenethion contamination

Sample used for matrix spike contained dioxathions above linear range and/or interfering peaks (spike not reported)

Certified by: 
 MICHAEL S. BONNER, Ph.D.
 BONNER ANALYTICAL TESTING COMPANY

BONNER ANALYTICAL TESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

COMPOUNDS	PQL ug/L (ppb)	SAMPLE		METHOD BLANK		Lab Control		MATRIX SPIKE			
		Detected Amount ug/L (ppb)	% Recovery	Detected Amount ug/L (ppb)	% Recovery	Amount ug/mL	% Recovery	Detected Amount ug/mL (ppm)	% Recovery	Amount ug/mL	% Recovery
Dioxenethion	0.400	ND		0.47		9.18	92	10.0	92	10.0	0
Dioxathion (cis)	0.400	0.59		ND		10.40	104	10.0	104	10.0	0
Dioxathion (trans)	0.400	5.3		ND		10.00	100	10.0	100	10.0	0
SURROGATE COMPOUNDS		Detected Amount	% Recovery	Detected Amount	% Recovery	Detected Amount	% Recovery	Spiked Amount	% Recovery	Detected Amount	% Recovery
Naphthalene		9.4	188	5.47	109	6.24	125	5.00	125	5.00	0

Client: **Heracles** Collected: 5/15/2008 Client
 Sample ID: **JER-PD2-051508** Extracted: 5/20/2008 1000 EDK
 File #: **BTB1610** Analyzed: 5/30/2008 1106 DCA
 Date: Analyst

Sample Type: **Water**
 Extraction Method: **SW846 3510C**
 Analysis Method: **Modified SW846**

0-Flag: Method blank contained dioxenethion contamination

Sample used for matrix spike contained dioxathions above linear range and/or interfering peaks (spike not reported)

Certified by: 
 Michael S. Bonney, Ph.D.
 BONNER ANALYTICAL TESTING COMPANY

BONNER ANALYTICAL TESTING COMPANY
 QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
 DIOXATHION/ DIOXETHION HPLC ANALYSIS DATA

COMPOUNDS	PQL ug/L (ppb)	SAMPLE		METHOD BLANK		Lab Control		MATRIX SPIKE			
		Detected Amount ug/L (ppb)	% Recovery	Detected Amount ug/L (ppb)	% Recovery	Amount ug/mL	% Recovery	Detected Amount ug/mL (ppm)	% Recovery	Amount ug/mL	% Recovery
Dioxathion	0.400	ND		0.47		9.18	10.0	92	10.0	0	0
Dioxethion (cis)	0.400	ND		ND		10.40	10.0	104	10.0	0	0
Dioxethion (trans)	0.400	ND		ND		10.00	10.0	100	10.0	0	0
SURROGATE COMPOUNDS											
Naphthalene		15.9	5.00	5.47	318	6.24	5.00	125	5.00	5.00	0

B-Flag: Method blank contained dioxathion contamination

Sample used for matrix spike contained dioxathions above linear range and/or interfering peaks (spike not reported)

Client: Hercules Collected: 5/16/2008 1015 Client
 Sample ID: JER-MW08-051608 Extracted: 5/20/2008 1000 EIR
 File #: ETB1634 Analyzed: 5/30/2008 0827 DGA
 Data Analyst

Sample Type: Water
 Extraction Method: SM846-3510C
 Analysis Method: US6169-SM846

Certified by: *N. S. Bonner*
 Nicholas S. Bonner, Ph.D.
 BONNER ANALYTICAL TESTING COMPANY

BONNER ANALYTICAL TESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/DIOXETHION HPLC ANALYSIS DATA

Client: Hercules	Sample ID: HER-AMW12-051608	File #: BTB1633	Collected: 5/16/2008	1105	Client	Sample Type: Water	Extraction Method: SUR946_35.0FC	Analysis Method: Modified SUR946	METHODOLOGY			METHODOLOGY			METHODOLOGY					
									Extracted: 5/20/2008	1000	EDR	Detected Amount ug/L (ppb)	Spiked Amount ug/L	% Recovery	Detected Amount ug/mL (ppm)	Spiked Amount ug/mL	% Recovery	Detected Amount ug/mL (ppm)	Spiked Amount ug/mL	% Recovery
			Analyzed: 5/30/2008	0946	DSA															
			Date		Analyst															
COMPOUNDS	POL ug/L (ppb)	Detected Amount ug/L (ppb)	Spiked Amount ug/L	% Recovery	Detected Amount ug/L (ppb)	Spiked Amount ug/L	% Recovery	Detected Amount ug/mL (ppm)	Spiked Amount ug/mL	% Recovery	Detected Amount ug/mL (ppm)	Spiked Amount ug/mL	% Recovery	Detected Amount ug/mL (ppm)	Spiked Amount ug/mL	% Recovery	Detected Amount ug/mL (ppm)	Spiked Amount ug/mL	% Recovery	
Dioxethion	0.400	6853			0.47			9.18	10.0	92	10.0	10.0	100	10.0	10.0	100	10.0	10.0	100	
Dioxathion (cis)	0.400	ND			ND			10.40	10.0	104	10.0	10.0	104	10.0	10.0	104	10.0	10.0	104	
Dioxathion (trans)	0.400	ND			ND			10.00	10.0	100	10.0	10.0	100	10.0	10.0	100	10.0	10.0	100	
SURROGATE COMPOUNDS	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery		
Naphthalene	100	5.00	2000	5.47	5.00	109	6.24	5.00	125	5.00	5.00	100	5.00	5.00	100	5.00	5.00	100		

B-Flag: Method blank contained dioxethion contamination

Sample used for matrix spike contained dioxathions above linear range and/or interfering peaks (spike not reported)

Certified by: 
 RUSSELL S. BOYER, PhD
 BONNER ANALYTICAL TESTING COMPANY