Client: Hercules Inc.

Job Number: 680-13255-1

Method Blank - Batch: 680-36279

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-36279/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/13/2006 1408
Date Prepared: 02/13/2006 1408

Analysis Batch: 680-36279
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq639.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	<1.0		1.0
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
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

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

Client: Hercules Inc.

Job Number: 680-13255-1

Method Blank - Batch: 680-36279

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-36279/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/13/2006 1408
Date Prepared: 02/13/2006 1408

Analysis Batch: 680-36279
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq639.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
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	102	77 - 120
Dibromofluoromethane	102	75 - 123
Toluene-d8	93	79 - 122

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

Client: Hercules Inc.

Job Number: 680-13255-1

Laboratory Control Sample - Batch: 680-36279

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-36279/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/13/2006 1307
Date Prepared: 02/13/2006 1307

Analysis Batch: 680-36279
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq635.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	48	48	20 - 183	
Benzene	50.0	45	90	74 - 122	
Dichlorobromomethane	50.0	48	96	74 - 128	
Bromoform	50.0	63	127	64 - 132	
Bromomethane	50.0	74	147	21 - 176	
Methyl Ethyl Ketone	100	61	61	51 - 142	
Carbon disulfide	50.0	47	95	60 - 130	
Carbon tetrachloride	50.0	53	106	64 - 137	
Chlorobenzene	50.0	57	113	75 - 123	
Chloroethane	50.0	42	84	40 - 171	
Chloroform	50.0	55	110	74 - 124	
Chloromethane	50.0	44	88	51 - 133	
Chlorodibromomethane	50.0	55	111	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	55	110	14 - 147	
Ethylene Dibromide	50.0	51	102	60 - 118	
Dibromomethane	50.0	51	101	70 - 130	
Dichlorodifluoromethane	50.0	57	114	70 - 130	
1,1-Dichloroethane	50.0	50	99	70 - 127	
1,2-Dichloroethane	50.0	48	96	68 - 130	
1,1-Dichloroethene	50.0	48	97	64 - 132	
trans-1,2-Dichloroethene	50.0	55	111	67 - 130	
1,2-Dichloropropane	50.0	44	89	74 - 123	
cis-1,3-Dichloropropene	50.0	47	94	76 - 126	
trans-1,3-Dichloropropene	50.0	47	93	75 - 126	
Ethylbenzene	50.0	50	101	77 - 123	
2-Hexanone	100	60	60	58 - 139	
Methylene Chloride	50.0	50	100	67 - 128	
methyl isobutyl ketone	100	67	67	62 - 130	
Styrene	50.0	53	107	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	58	116	62 - 107	*
1,1,2,2-Tetrachloroethane	50.0	51	101	71 - 127	
Tetrachloroethene	50.0	61	122	70 - 133	
Toluene	50.0	47	94	75 - 122	
1,1,1-Trichloroethane	50.0	53	106	70 - 132	
1,1,2-Trichloroethane	50.0	46	92	75 - 122	
Trichloroethene	50.0	55	111	75 - 122	
Trichlorofluoromethane	50.0	47	94	74 - 165	
1,2,3-Trichloropropane	50.0	53	105	60 - 147	
Vinyl acetate	100	85	85	47 - 150	
Vinyl chloride	50.0	44	88	59 - 136	
Xylenes, Total	150	160	106	77 - 121	

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

Client: Hercules Inc.

Job Number: 680-13255-1

Laboratory Control Sample - Batch: 680-36279

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-36279/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/13/2006 1307
Date Prepared: 02/13/2006 1307

Analysis Batch: 680-36279
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq635.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	101	77 - 120
Dibromofluoromethane	117	75 - 123
Toluene-d8	101	79 - 122

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

Client: Hercules Inc.

Job Number: 680-13255-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-36279

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 680-13255-12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/13/2006 2224
Date Prepared: 02/13/2006 2224

Analysis Batch: 680-36279
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0480.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-13255-12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/13/2006 2255
Date Prepared: 02/13/2006 2255

Analysis Batch: 680-36279
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0482.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	50	46	20 - 183	7	50		
Benzene	95	87	74 - 122	9	30		
Dichlorobromomethane	98	91	74 - 128	8	30		
Bromoform	127	116	64 - 132	9	30		
Bromomethane	122	132	21 - 176	8	50		
Methyl Ethyl Ketone	66	59	51 - 142	11	30		
Carbon disulfide	108	97	60 - 130	10	30		
Carbon tetrachloride	105	98	64 - 137	7	30		
Chlorobenzene	122	112	75 - 123	8	30		
Chloroethane	96	86	40 - 171	12	50		
Chloroform	123	109	74 - 124	11	30		
Chloromethane	99	89	51 - 133	10	50		
Chlorodibromomethane	114	102	75 - 126	11	30		
1,2-Dibromo-3-Chloropropane	118	106	14 - 147	11	30		
Ethylene Dibromide	111	98	60 - 118	13	30		
Dibromomethane	104	95	70 - 130	9	30		
Dichlorodifluoromethane	132	118	70 - 130	11	30	*	
1,1-Dichloroethane	113	100	70 - 127	12	30		
1,2-Dichloroethane	98	90	68 - 130	8	30		
1,1-Dichloroethene	109	98	64 - 132	11	30		
trans-1,2-Dichloroethene	126	113	67 - 130	11	30		
1,2-Dichloropropane	94	84	74 - 123	12	30		
cis-1,3-Dichloropropene	96	86	76 - 126	11	30		
trans-1,3-Dichloropropene	94	83	75 - 126	12	30		
Ethylbenzene	109	101	77 - 123	8	30		
2-Hexanone	64	60	58 - 139	6	30		
Methylene Chloride	112	101	67 - 128	11	30		
methyl isobutyl ketone	72	65	62 - 130	10	30		
Styrene	114	105	75 - 125	9	30		

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

Client: Hercules Inc.

Job Number: 680-13255-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-36279

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	680-13255-12	Analysis Batch: 680-36279	Instrument ID: GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: o0480.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	02/13/2006 2224		Final Weight/Volume: 5 mL
Date Prepared:	02/13/2006 2224		

MSD Lab Sample ID:	680-13255-12	Analysis Batch: 680-36279	Instrument ID: GC/MS Volatiles - O
Client Matrix:	Water	Prep Batch: N/A	Lab File ID: o0482.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	02/13/2006 2255		Final Weight/Volume: 5 mL
Date Prepared:	02/13/2006 2255		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1,2-Tetrachloroethane	119	108	62 - 107	10	30	*	*
1,1,2,2-Tetrachloroethane	106	97	71 - 127	8	30		
Tetrachloroethene	131	122	70 - 133	7	30		
Toluene	104	92	75 - 122	13	30		
1,1,1-Trichloroethane	111	101	70 - 132	9	30		
1,1,2-Trichloroethane	101	88	75 - 122	14	30		
Trichloroethene	115	105	75 - 122	9	30		
Trichlorofluoromethane	104	95	74 - 165	9	50		
1,2,3-Trichloropropane	113	103	60 - 147	10	30		
Vinyl acetate	75	66	47 - 150	13	30		
Vinyl chloride	101	88	59 - 136	14	50		
Xylenes, Total	115	105	77 - 121	9	30		

Surrogate	MS % Rec		MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	107		98	77 - 120
Dibromofluoromethane	131	*	117	75 - 123
Toluene-d8	109		97	79 - 122

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

Client: Hercules Inc.

Job Number: 680-13255-1

Method Blank - Batch: 680-36355

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-36416/7-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/14/2006 1600
Date Prepared: 02/14/2006 1600
Date Leached: 02/09/2006 1730

Analysis Batch: 680-36355
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq657.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	<1.0		1.0
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
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

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

Client: Hercules Inc.

Job Number: 680-13255-1

Method Blank - Batch: 680-36355

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-36416/7-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/14/2006 1600
Date Prepared: 02/14/2006 1600
Date Leached: 02/09/2006 1730

Analysis Batch: 680-36355
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq657.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
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	102	75 - 123
Toluene-d8	95	79 - 122

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

Client: Hercules Inc.

Job Number: 680-13255-1

Laboratory Control Sample - Batch: 680-36355

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-36355/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/14/2006 1457
Date Prepared: 02/14/2006 1457

Analysis Batch: 680-36355
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq653.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	57	57	20 - 183	
Benzene	50.0	41	83	74 - 122	
Dichlorobromomethane	50.0	43	86	74 - 128	
Bromoform	50.0	59	119	64 - 132	
Bromomethane	50.0	42	84	21 - 176	
Methyl Ethyl Ketone	100	66	66	51 - 142	
Carbon disulfide	50.0	41	83	60 - 130	
Carbon tetrachloride	50.0	42	85	64 - 137	
Chlorobenzene	50.0	53	106	75 - 123	
Chloroethane	50.0	41	81	40 - 171	
Chloroform	50.0	49	97	74 - 124	
Chloromethane	50.0	45	91	51 - 133	
Chlorodibromomethane	50.0	53	107	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	62	124	14 - 147	
Ethylene Dibromide	50.0	50	100	60 - 118	
Dibromomethane	50.0	44	88	70 - 130	
Dichlorodifluoromethane	50.0	69	138	70 - 130	*
1,1-Dichloroethane	50.0	44	89	70 - 127	
1,2-Dichloroethane	50.0	41	82	68 - 130	
1,1-Dichloroethene	50.0	48	96	64 - 132	
trans-1,2-Dichloroethene	50.0	51	101	67 - 130	
1,2-Dichloropropane	50.0	39	77	74 - 123	
cis-1,3-Dichloropropene	50.0	42	84	76 - 126	
trans-1,3-Dichloropropene	50.0	42	85	75 - 126	
Ethylbenzene	50.0	50	100	77 - 123	
2-Hexanone	100	67	67	58 - 139	
Methylene Chloride	50.0	47	94	67 - 128	
methyl isobutyl ketone	100	70	70	62 - 130	
Styrene	50.0	54	108	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	56	112	62 - 107	*
1,1,2,2-Tetrachloroethane	50.0	50	100	71 - 127	
Tetrachloroethene	50.0	57	114	70 - 133	
Toluene	50.0	45	89	75 - 122	
1,1,1-Trichloroethane	50.0	43	86	70 - 132	
1,1,2-Trichloroethane	50.0	45	89	75 - 122	
Trichloroethene	50.0	47	94	75 - 122	
Trichlorofluoromethane	50.0	47	93	74 - 165	
1,2,3-Trichloropropane	50.0	56	112	60 - 147	
Vinyl acetate	100	88	88	47 - 150	
Vinyl chloride	50.0	45	90	59 - 136	
Xylenes, Total	150	160	105	77 - 121	

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

Client: Hercules Inc.

Job Number: 680-13255-1

Laboratory Control Sample - Batch: 680-36355

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-36355/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/14/2006 1457
Date Prepared: 02/14/2006 1457

Analysis Batch: 680-36355
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq653.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	98	77 - 120
Dibromofluoromethane	105	75 - 123
Toluene-d8	93	79 - 122

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

Client: Hercules Inc.

Job Number: 680-13255-1

Method Blank - Batch: 680-36360

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-36360/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/14/2006 1615
Date Prepared: 02/14/2006 1615

Analysis Batch: 680-36360
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq658.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	<1.0		1.0
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
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

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

Client: Hercules Inc.

Job Number: 680-13255-1

Method Blank - Batch: 680-36360

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-36360/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/14/2006 1615
Date Prepared: 02/14/2006 1615

Analysis Batch: 680-36360
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq658.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
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	77 - 120
Dibromofluoromethane	107	75 - 123
Toluene-d8	93	79 - 122

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

Client: Hercules Inc.

Job Number: 680-13255-1

Laboratory Control Sample - Batch: 680-36360

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-36360/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/14/2006 1513
Date Prepared: 02/14/2006 1513

Analysis Batch: 680-36360
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq654.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	50	50	20 - 183	
Benzene	50.0	42	84	74 - 122	
Dichlorobromomethane	50.0	44	89	74 - 128	
Bromoform	50.0	63	127	64 - 132	
Bromomethane	50.0	64	128	21 - 176	
Methyl Ethyl Ketone	100	63	63	51 - 142	
Carbon disulfide	50.0	43	85	60 - 130	
Carbon tetrachloride	50.0	46	92	64 - 137	
Chlorobenzene	50.0	57	114	75 - 123	
Chloroethane	50.0	42	84	40 - 171	
Chloroform	50.0	48	95	74 - 124	
Chloromethane	50.0	45	90	51 - 133	
Chlorodibromomethane	50.0	60	120	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	58	115	14 - 147	
Ethylene Dibromide	50.0	49	98	60 - 118	
Dibromomethane	50.0	46	93	70 - 130	
Dichlorodifluoromethane	50.0	65	130	70 - 130	
1,1-Dichloroethane	50.0	44	88	70 - 127	
1,2-Dichloroethane	50.0	42	85	68 - 130	
1,1-Dichloroethene	50.0	47	94	64 - 132	
trans-1,2-Dichloroethene	50.0	52	103	67 - 130	
1,2-Dichloropropane	50.0	40	80	74 - 123	
cis-1,3-Dichloropropene	50.0	44	87	76 - 126	
trans-1,3-Dichloropropene	50.0	43	87	75 - 126	
Ethylbenzene	50.0	53	106	77 - 123	
2-Hexanone	100	67	67	58 - 139	
Methylene Chloride	50.0	46	91	67 - 128	
methyl isobutyl ketone	100	69	69	62 - 130	
Styrene	50.0	57	113	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	58	116	62 - 107	*
1,1,2,2-Tetrachloroethane	50.0	52	104	71 - 127	
Tetrachloroethene	50.0	60	121	70 - 133	
Toluene	50.0	45	89	75 - 122	
1,1,1-Trichloroethane	50.0	45	91	70 - 132	
1,1,2-Trichloroethane	50.0	44	89	75 - 122	
Trichloroethene	50.0	49	99	75 - 122	
Trichlorofluoromethane	50.0	47	95	74 - 165	
1,2,3-Trichloropropane	50.0	55	110	60 - 147	
Vinyl acetate	100	82	82	47 - 150	
Vinyl chloride	50.0	43	86	59 - 136	
Xylenes, Total	150	160	109	77 - 121	

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

Client: Hercules Inc.

Job Number: 680-13255-1

Laboratory Control Sample - Batch: 680-36360

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-36360/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/14/2006 1513
Date Prepared: 02/14/2006 1513

Analysis Batch: 680-36360
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq654.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	102	77 - 120
Dibromofluoromethane	107	75 - 123
Toluene-d8	95	79 - 122

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

Client: Hercules Inc.

Job Number: 680-13255-1

Method Blank - Batch: 680-36610

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-36610/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/13/2006 1751
Date Prepared: 02/13/2006 1751

Analysis Batch: 680-36610
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq793.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	<1.0		1.0
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
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

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

Client: Hercules Inc.

Job Number: 680-13255-1

Method Blank - Batch: 680-36610

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-36610/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/13/2006 1751
Date Prepared: 02/13/2006 1751

Analysis Batch: 680-36610
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq793.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
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	97	77 - 120
Dibromofluoromethane	90	75 - 123
Toluene-d8	108	79 - 122

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

Client: Hercules Inc.

Job Number: 680-13255-1

Laboratory Control Sample - Batch: 680-36610

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-36610/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/13/2006 1627
Date Prepared: 02/13/2006 1627

Analysis Batch: 680-36610
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq787.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	74	74	20 - 183	
Benzene	50.0	53	107	74 - 122	
Dichlorobromomethane	50.0	61	122	74 - 128	
Bromoform	50.0	57	113	64 - 132	
Bromomethane	50.0	49	99	21 - 176	
Methyl Ethyl Ketone	100	100	100	51 - 142	
Carbon disulfide	50.0	42	84	60 - 130	
Carbon tetrachloride	50.0	63	126	64 - 137	
Chlorobenzene	50.0	46	93	75 - 123	
Chloroethane	50.0	45	91	40 - 171	
Chloroform	50.0	45	89	74 - 124	
Chloromethane	50.0	53	107	51 - 133	
Chlorodibromomethane	50.0	55	111	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	48	96	14 - 147	
Ethylene Dibromide	50.0	54	108	60 - 118	
Dibromomethane	50.0	59	118	70 - 130	
Dichlorodifluoromethane	50.0	79	157	70 - 130	*
1,1-Dichloroethane	50.0	45	91	70 - 127	
1,2-Dichloroethane	50.0	66	133	68 - 130	*
1,1-Dichloroethene	50.0	43	87	64 - 132	
trans-1,2-Dichloroethene	50.0	39	79	67 - 130	
1,2-Dichloropropane	50.0	53	106	74 - 123	
cis-1,3-Dichloropropene	50.0	55	111	76 - 126	
trans-1,3-Dichloropropene	50.0	59	117	75 - 126	
Ethylbenzene	50.0	50	100	77 - 123	
2-Hexanone	100	100	104	58 - 139	
Methylene Chloride	50.0	43	87	67 - 128	
methyl isobutyl ketone	100	110	112	62 - 130	
Styrene	50.0	49	99	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	55	109	62 - 107	*
1,1,2,2-Tetrachloroethane	50.0	48	96	71 - 127	
Tetrachloroethene	50.0	50	100	70 - 133	
Toluene	50.0	50	101	75 - 122	
1,1,1-Trichloroethane	50.0	64	127	70 - 132	
1,1,2-Trichloroethane	50.0	53	107	75 - 122	
Trichloroethene	50.0	51	103	75 - 122	
Trichlorofluoromethane	50.0	61	122	74 - 165	
1,2,3-Trichloropropane	50.0	53	106	60 - 147	
Vinyl acetate	100	95	95	47 - 150	
Vinyl chloride	50.0	52	104	59 - 136	
Xylenes, Total	150	150	97	77 - 121	

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

Client: Hercules Inc.

Job Number: 680-13255-1

Laboratory Control Sample - Batch: 680-36610

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-36610/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/13/2006 1627
Date Prepared: 02/13/2006 1627

Analysis Batch: 680-36610
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq787.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	96	77 - 120
Dibromofluoromethane	90	75 - 123
Toluene-d8	106	79 - 122

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

Client: Hercules Inc.

Job Number: 680-13255-1

Method Blank - Batch: 680-36826

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-36826/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2006 1557
Date Prepared: 02/17/2006 1557

Analysis Batch: 680-36826
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq097.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	<1.0		1.0
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
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

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

Client: Hercules Inc.

Job Number: 680-13255-1

Method Blank - Batch: 680-36826

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-36826/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2006 1557
Date Prepared: 02/17/2006 1557

Analysis Batch: 680-36826
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq097.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
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	90	77 - 120
Dibromofluoromethane	89	75 - 123
Toluene-d8	93	79 - 122

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

Client: Hercules Inc.

Job Number: 680-13255-1

Laboratory Control Sample - Batch: 680-36826

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-36826/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2006 1500
Date Prepared: 02/17/2006 1500

Analysis Batch: 680-36826
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq093.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	88	88	20 - 183	
Benzene	50.0	43	85	74 - 122	
Dichlorobromomethane	50.0	44	89	74 - 128	
Bromoform	50.0	49	99	64 - 132	
Bromomethane	50.0	60	120	21 - 176	
Methyl Ethyl Ketone	100	88	88	51 - 142	
Carbon disulfide	50.0	45	90	60 - 130	
Carbon tetrachloride	50.0	48	97	64 - 137	
Chlorobenzene	50.0	43	86	75 - 123	
Chloroethane	50.0	52	104	40 - 171	
Chloroform	50.0	42	84	74 - 124	
Chloromethane	50.0	50	100	51 - 133	
Chlorodibromomethane	50.0	49	97	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	51	102	14 - 147	
Ethylene Dibromide	50.0	45	90	60 - 118	
Dibromomethane	50.0	43	87	70 - 130	
Dichlorodifluoromethane	50.0	69	137	70 - 130	*
1,1-Dichloroethane	50.0	41	82	70 - 127	
1,2-Dichloroethane	50.0	47	94	68 - 130	
1,1-Dichloroethene	50.0	45	89	64 - 132	
trans-1,2-Dichloroethene	50.0	42	83	67 - 130	
1,2-Dichloropropane	50.0	42	84	74 - 123	
cis-1,3-Dichloropropene	50.0	46	92	76 - 126	
trans-1,3-Dichloropropene	50.0	47	93	75 - 126	
Ethylbenzene	50.0	44	87	77 - 123	
2-Hexanone	100	100	100	58 - 139	
Methylene Chloride	50.0	43	86	67 - 128	
methyl isobutyl ketone	100	92	92	62 - 130	
Styrene	50.0	43	86	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	45	91	62 - 107	
1,1,2,2-Tetrachloroethane	50.0	48	96	71 - 127	
Tetrachloroethene	50.0	45	90	70 - 133	
Toluene	50.0	41	83	75 - 122	
1,1,1-Trichloroethane	50.0	44	88	70 - 132	
1,1,2-Trichloroethane	50.0	43	85	75 - 122	
Trichloroethene	50.0	43	87	75 - 122	
Trichlorofluoromethane	50.0	46	92	74 - 165	
1,2,3-Trichloropropane	50.0	47	94	60 - 147	
Vinyl acetate	100	100	102	47 - 150	
Vinyl chloride	50.0	49	98	59 - 136	
Xylenes, Total	150	130	86	77 - 121	

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

Client: Hercules Inc.

Job Number: 680-13255-1

Laboratory Control Sample - Batch: 680-36826

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-36826/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2006 1500
Date Prepared: 02/17/2006 1500

Analysis Batch: 680-36826
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq093.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	87	77 - 120
Dibromofluoromethane	84	75 - 123
Toluene-d8	83	79 - 122

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

Client: Hercules Inc.

Job Number: 680-13255-1

Method Blank - Batch: 680-36869

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-36869/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2006 1611
Date Prepared: 02/17/2006 1611

Analysis Batch: 680-36869
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq098.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	<1.0		1.0
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
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

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

Client: Hercules Inc.

Job Number: 680-13255-1

Method Blank - Batch: 680-36869

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-36869/4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2006 1611
Date Prepared: 02/17/2006 1611

Analysis Batch: 680-36869
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq098.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	98	77 - 120
Dibromofluoromethane	94	75 - 123
Toluene-d8	98	79 - 122

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

Client: Hercules Inc.

Job Number: 680-13255-1

Laboratory Control Sample - Batch: 680-36869

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-36869/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2006 1446
Date Prepared: 02/17/2006 1446

Analysis Batch: 680-36869
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq092.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	100	100	20 - 183	
Benzene	50.0	47	94	74 - 122	
Dichlorobromomethane	50.0	49	98	74 - 128	
Bromoform	50.0	49	98	64 - 132	
Bromomethane	50.0	55	111	21 - 176	
Methyl Ethyl Ketone	100	94	94	51 - 142	
Carbon disulfide	50.0	51	102	60 - 130	
Carbon tetrachloride	50.0	51	101	64 - 137	
Chlorobenzene	50.0	51	101	75 - 123	
Chloroethane	50.0	48	96	40 - 171	
Chloroform	50.0	49	98	74 - 124	
Chloromethane	50.0	45	91	51 - 133	
Chlorodibromomethane	50.0	49	98	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	48	97	14 - 147	
Ethylene Dibromide	50.0	49	98	60 - 118	
Dibromomethane	50.0	49	99	70 - 130	
Dichlorodifluoromethane	50.0	66	133	70 - 130	*
1,1-Dichloroethane	50.0	49	97	70 - 127	
1,2-Dichloroethane	50.0	50	101	68 - 130	
1,1-Dichloroethene	50.0	44	88	64 - 132	
trans-1,2-Dichloroethene	50.0	50	101	67 - 130	
1,2-Dichloropropane	50.0	49	97	74 - 123	
cis-1,3-Dichloropropene	50.0	48	95	76 - 126	
trans-1,3-Dichloropropene	50.0	51	102	75 - 126	
Ethylbenzene	50.0	48	96	77 - 123	
2-Hexanone	100	97	97	58 - 139	
Methylene Chloride	50.0	50	100	67 - 128	
methyl isobutyl ketone	100	98	98	62 - 130	
Styrene	50.0	48	96	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	47	94	62 - 107	
1,1,2,2-Tetrachloroethane	50.0	53	105	71 - 127	
Tetrachloroethene	50.0	50	101	70 - 133	
Toluene	50.0	46	92	75 - 122	
1,1,1-Trichloroethane	50.0	50	100	70 - 132	
1,1,2-Trichloroethane	50.0	50	100	75 - 122	
Trichloroethene	50.0	48	96	75 - 122	
Trichlorofluoromethane	50.0	42	83	74 - 165	
1,2,3-Trichloropropane	50.0	51	101	60 - 147	
Vinyl acetate	100	120	115	47 - 150	
Vinyl chloride	50.0	42	83	59 - 136	
Xylenes, Total	150	140	95	77 - 121	

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

Client: Hercules Inc.

Job Number: 680-13255-1

Laboratory Control Sample - Batch: 680-36869

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-36869/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2006 1446
Date Prepared: 02/17/2006 1446

Analysis Batch: 680-36869
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - P
Lab File ID: pq092.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	94	77 - 120
Dibromofluoromethane	98	75 - 123
Toluene-d8	98	79 - 122

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

Client: Hercules Inc.

Job Number: 680-13255-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-36869

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 680-13255-5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2006 1900
Date Prepared: 02/17/2006 1900

Analysis Batch: 680-36869
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0012.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-13255-5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2006 1928
Date Prepared: 02/17/2006 1928

Analysis Batch: 680-36869
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0014.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	104	106	20 - 183	2	50	H	H
Benzene	95	100	74 - 122	5	30	H	H
Dichlorobromomethane	99	105	74 - 128	5	30	H	H
Bromoform	93	97	64 - 132	4	30	H	H
Bromomethane	109	120	21 - 176	10	50	H	H
Methyl Ethyl Ketone	96	98	51 - 142	2	30	H	H
Carbon disulfide	105	108	60 - 130	2	30	H	H
Carbon tetrachloride	100	105	64 - 137	4	30	H	H
Chlorobenzene	99	98	75 - 123	0	30	H	H
Chloroethane	96	102	40 - 171	6	50	H	H
Chloroform	96	101	74 - 124	5	30	H	H
Chloromethane	113	120	51 - 133	6	50	H	H
Chlorodibromomethane	102	102	75 - 126	0	30	H	H
1,2-Dibromo-3-Chloropropane	97	100	14 - 147	2	30	H	H
Ethylene Dibromide	91	97	60 - 118	7	30	H	H
Dibromomethane	96	101	70 - 130	5	30	H	H
Dichlorodifluoromethane	175	177	70 - 130	1	30	H *	H *
1,1-Dichloroethane	95	99	70 - 127	3	30	H	H
1,2-Dichloroethane	97	103	68 - 130	6	30	H	H
1,1-Dichloroethene	102	108	64 - 132	5	30	H	H
trans-1,2-Dichloroethene	104	106	67 - 130	1	30	H	H
1,2-Dichloropropane	94	98	74 - 123	4	30	H	H
cis-1,3-Dichloropropene	93	96	76 - 126	4	30	H	H
trans-1,3-Dichloropropene	96	98	75 - 126	2	30	H	H
Ethylbenzene	99	101	77 - 123	2	30	H	H
2-Hexanone	100	100	58 - 139	1	30	H	H
Methylene Chloride	99	103	67 - 128	4	30	H	H
methyl isobutyl ketone	99	102	62 - 130	4	30	H	H
Styrene	45	59	75 - 125	28	30	H *	H *

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

Client: Hercules Inc.

Job Number: 680-13255-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-36869

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 680-13255-5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2006 1900
Date Prepared: 02/17/2006 1900

Analysis Batch: 680-36869
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0012.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-13255-5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2006 1928
Date Prepared: 02/17/2006 1928

Analysis Batch: 680-36869
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0014.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1,2-Tetrachloroethane	96	97	62 - 107	0	30	H	H
1,1,2,2-Tetrachloroethane	99	104	71 - 127	4	30	H	H
Tetrachloroethene	100	102	70 - 133	1	30	H	H
Toluene	94	100	75 - 122	5	30	H	H
1,1,1-Trichloroethane	100	106	70 - 132	6	30	H	H
1,1,2-Trichloroethane	96	99	75 - 122	4	30	H	H
Trichloroethene	92	99	75 - 122	7	30	H	H
Trichlorofluoromethane	104	108	74 - 165	4	50	H	H
1,2,3-Trichloropropane	98	100	60 - 147	3	30	H	H
Vinyl acetate	80	85	47 - 150	6	30	H	H
Vinyl chloride	107	112	59 - 136	5	50	H	H
Xylenes, Total	94	97	77 - 121	3	30	H	H

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	95	97	77 - 120
Dibromofluoromethane	99	102	75 - 123
Toluene-d8	98	103	79 - 122

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

Client: Hercules Inc.

Job Number: 680-13255-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-36869

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 680-13255-8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2006 1639
Date Prepared: 02/17/2006 1639

Analysis Batch: 680-36869
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0002.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-13255-8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2006 1707
Date Prepared: 02/17/2006 1707

Analysis Batch: 680-36869
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0004.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	100	101	20 - 183	1	50	H	H
Benzene	95	96	74 - 122	1	30	H	H
Dichlorobromomethane	97	96	74 - 128	1	30	H	H
Bromoform	92	91	64 - 132	1	30	H	H
Bromomethane	108	111	21 - 176	2	50	H	H
Methyl Ethyl Ketone	91	95	51 - 142	4	30	H	H
Carbon disulfide	102	103	60 - 130	0	30	H	H
Carbon tetrachloride	97	101	64 - 137	4	30	H	H
Chlorobenzene	96	96	75 - 123	1	30	H	H
Chloroethane	95	95	40 - 171	1	50	H	H
Chloroform	94	94	74 - 124	1	30	H	H
Chloromethane	109	111	51 - 133	2	50	H	H
Chlorodibromomethane	97	99	75 - 126	2	30	H	H
1,2-Dibromo-3-Chloropropane	90	97	14 - 147	8	30	H	H
Ethylene Dibromide	90	92	60 - 118	3	30	H	H
Dibromomethane	95	96	70 - 130	1	30	H	H
Dichlorodifluoromethane	166	174	70 - 130	4	30	H *	H *
1,1-Dichloroethane	93	94	70 - 127	1	30	H	H
1,2-Dichloroethane	94	96	68 - 130	1	30	H	H
1,1-Dichloroethene	103	102	64 - 132	1	30	H	H
trans-1,2-Dichloroethene	101	102	67 - 130	2	30	H	H
1,2-Dichloropropane	91	92	74 - 123	1	30	H	H
cis-1,3-Dichloropropene	89	93	76 - 126	4	30	H	H
trans-1,3-Dichloropropene	95	95	75 - 126	0	30	H	H
Ethylbenzene	98	99	77 - 123	1	30	H	H
2-Hexanone	97	100	58 - 139	3	30	H	H
Methylene Chloride	95	97	67 - 128	2	30	H	H
methyl isobutyl ketone	95	98	62 - 130	4	30	H	H
Styrene	95	96	75 - 125	1	30	H	H

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

Client: Hercules Inc.

Job Number: 680-13255-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-36869

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 680-13255-8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2006 1639
Date Prepared: 02/17/2006 1639

Analysis Batch: 680-36869
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0002.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-13255-8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 02/17/2006 1707
Date Prepared: 02/17/2006 1707

Analysis Batch: 680-36869
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0004.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1,2-Tetrachloroethane	92	94	62 - 107	2	30	H	H
1,1,2,2-Tetrachloroethane	99	102	71 - 127	3	30	H	H
Tetrachloroethene	99	99	70 - 133	0	30	H	H
Toluene	93	93	75 - 122	0	30	H	H
1,1,1-Trichloroethane	96	101	70 - 132	4	30	H	H
1,1,2-Trichloroethane	91	96	75 - 122	4	30	H	H
Trichloroethene	90	94	75 - 122	4	30	H	H
Trichlorofluoromethane	102	102	74 - 165	0	50	H	H
1,2,3-Trichloropropane	97	96	60 - 147	1	30	H	H
Vinyl acetate	85	85	47 - 150	1	30	H	H
Vinyl chloride	103	103	59 - 136	0	50	H	H
Xylenes, Total	95	96	77 - 121	2	30	H	H

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	94	95	77 - 120
Dibromofluoromethane	94	98	75 - 123
Toluene-d8	95	98	79 - 122

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

Serial Number 85632

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: Lidia Gulizia	P.O. NUMBER: 4500911597	CONTRACT NO.
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 Hilmington DE 19808		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 3 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	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: App IX VOCs 8260B	HCl	NUMBER OF CONTAINERS SUBMITTED	REMARKS
2-1-2006	1415	HER- RS1- 0206	G	✓						3	
2-2-2006	1215	HER- RS2- 0206	G	✓						3	
2-3-2006	0745	HER- RS3- 0206	G	✓						3	
2-1-2006	—	HER- FD1- 0206	G	✓						3	
2-2-2006	—	HER- FD2- 0206	G	✓						3	
2-3-2006	—	HER- FD3- 0206	G	✓						3	

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RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
				2-3-2006				
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE) FedEx Airbill 856067217863	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO	STL SAVANNAH LOG NO	LABORATORY REMARKS
	020606	0930			680-15255	

STL8240-680 (12/02)

Serial Number 85631

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: HER25080	PROJECT NO.	PROJECT LOCATION (STATE): MS	
STL (LAB) PROJECT MANAGER: Lidia Gulizia	P.O. NUMBER: 4500911597	CONTRACT NO.	
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)			

PAGE 2 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	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: App IX Vocs 8260	HCl: PRESERVATIVE	NUMBER OF CONTAINERS SUBMITTED	REMARKS
2-2-2006	1045	HER- MW08-0206	G	✓						3	
2-3-2006	1230	HER- MW09-0206	G	✓						3	
2-2-2006	1435	HER- MW10-0206	G	✓						3	
2-2-2006	1540	HER- MW11-0206	G	✓						3	
2-3-2006	0800	HER- MW12-0206	G	✓						3	
2-3-2006	1205	HER- MW13-0206	G	✓						3	
2-3-2006	1005	HER- MW14-0206	G	✓						3	
2-3-2006	1045	HER- MW15-0206	G	✓						3	
2-3-2006	1120	HER- MW16-0206	G	✓						3	
2-3-2006	1305	HER- MW17-0206	G	✓						3	
2-1-2006	1250	HER- MW18-0206	G	✓						3	
2-1-2006	1400	HER-MW19-0206	G	✓						3	

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RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
				2-3-2006				
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT: YES ○ NO ○	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
	020406	0930			680-13255	

STL8240-680 (12/02)

Serial Number 85630

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

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

○ Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE: HER25080	PROJECT NO.	PROJECT LOCATION (STATE): MS	
STL (LAB) PROJECT MANAGER: Lidia Gulizia	P.O. NUMBER: 4500911597	CONTRACT NO.	
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)			

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	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	MATRIX TYPE	REQUIRED ANALYSIS: App IX VOCs 8260	REQUIRED ANALYSIS: HCl PRESERVATIVE	NUMBER OF CONTAINERS SUBMITTED	REMARKS
2-1-2006	1805	HER-CM00-0206	G	✓							3	
2-1-2006	1755	HER-CM01-0206	G	✓							3	
2-1-2006	1745	HER-CM02-0206	G	✓							3	
2-1-2006	1740	HER-CM03-0206	G	✓							3	
2-1-2006	1715	HER-CM04-0206 (MS/MSD)	G	✓							3	
2-1-2006	1650	HER-CM05-0206	G	✓							3	
2-2-2006	1335	HER-MW02-0206	G	✓							3	
2-2-2006	1245	HER-MW03-0206 (MS/MSD)	G	✓							9	
2-2-2006	1510	HER-MW04-0206	G	✓							3	
2-2-2006	1620	HER-MW05-0206	G	✓							3	
2-3-2006	0830	HER-MW06-0206	G	✓							3	
2-3-2006	0905	HER-MW07-0206 (MS/MSD)	G	✓							9	

TEMP. 1.0/0.6

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RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
				2-3-2006	18:00			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE) FedEx Airbill 8560 6721 7863	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
	02/04/06	09:30	YES ○ NO ○		13255	

STL8240-680 (12/02)

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Hercules Inc.

Job Number: 680-13255-1

Login Number: 13255

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.	NA	
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.	True	
Samples do not require splitting or compositing.	True	

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 Gulizia	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
2-1-2006	1805	HER-CM00-0206	G	✓						3	
2-1-2006	1755	HER-CM01-0206	G	✓						3	
2-1-2006	1745	HER-CM02-0206	G	✓						3	
2-1-2006	1740	HER-CM03-0206	G	✓						3	
2-1-2006	1715	HER-CM04-0206 (MS/MSD)	G	✓						3	
2-1-2006	1650	HER-CM05-0206	G	✓						3	
2-2-2006	1335	HER-MW02-0206	G	✓						3	
2-2-2006	1245	HER-MW03-0206 (MS/MSD)	G	✓						9	
2-2-2006	1510	HER-MW04-0206	G	✓						3	
2-2-2006	1620	HER-MW05-0206	G	✓						3	
2-3-2006	0830	HER-MW06-0206	G	✓						3	
2-3-2006	0905	HER-MW07-0206 (MS/MSD)	G	✓						9	

TEMP. 1.0/0.6

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
				2-3-2006	18:00			
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
			FedEx Airbill 8560 6721 7863					

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
	020406 03	0930	YES ○ NO ○		13255 680-13225	

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

(X) **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 Gulizia	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 2 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	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: App IX VOCs 8260	HCl	REMARKS
2-2-2006	1045	HER-MW08-0206	G	✓				3		
2-3-2006	1230	HER-MW09-0206	G	✓				3		
2-2-2006	1435	HER-MW10-0206	G	✓				3		
2-2-2006	1540	HER-MW11-0206	G	✓				3		
2-3-2006	0800	HER-MW12-0206	G	✓				3		
2-3-2006	1205	HER-MW13-0206	G	✓				3		
2-3-2006	1005	HER-MW14-0206	G	✓				3		
2-3-2006	1045	HER-MW15-0206	G	✓				3		
2-3-2006	1120	HER-MW16-0206	G	✓				3		
2-3-2006	1305	HER-MW17-0206	G	✓				3		
2-1-2006	1250	HER-MW18-0206	G	✓				3		
2-1-2006	1400	HER-MW19-0206	G	✓				3		

NUMBER OF CONTAINERS SUBMITTED

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
			[signature]	2-3-2006				
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	020406	0930	YES ( ) NO ( )		680-13255	

STL8240-680 (12/02)

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)
HER2508C		MS
STL (LAB) PROJECT MANAGER	**P.O. NUMBER**	**CONTRACT NO.**
Lidia Gulizia	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 Hilmington DE 19808		
COMPANY CONTRACTING THIS WORK (if applicable)		

PAGE 3 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 Vols 8260	REQUIRED ANALYSIS: HCl	NUMBER OF CONTAINERS SUBMITTED	REMARKS
2-1-2006	1415	HER-RS1-0206	G	✓						3	
2-2-2006	1215	HER-RS2-0206	G	✓						3	
2-3-2006	0745	HER-RS3-0206	G	✓						3	
2-1-2006	—	HER-FD1-0206	G	✓						3	
2-2-2006	—	HER-FD2-0206	G	✓						3	
2-3-2006	—	HER-FD3-0206	G	✓						3	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
				2-3-2006				
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**
			FedEx Airbill 856067217863					

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
	020406	0930	YES ○ NO ○		680-13255	

STL8240-680 (12/02)

BONNER ANALYTICAL TESTING COMPANY

2703 OAK GROVE ROAD, HATTIESBURG, MS 39402
PHONE: (601) 264-2854 FAX: (601) 268-7084

CASE NARRATIVE: Hercules

Dioxathion analysis by HPLC

Samples were collected by the client and received at BATCO on 02/03/06 from Hercules. Eleven water samples were collected and given ID#s BT31292-BT31302.

The samples were extracted and then analyzed on a High Performance Liquid Chromatograph (HPLC) equipped with diode array and fluorescence detectors.

A method blank, lab control, and matrix spike were extracted and analyzed under the same conditions as the samples.

Some samples tested positive for dioxenethion. HER-MW06-0206 had a concentraion of 2.48ppb. HER-MW13-0206 had a concentration of 60.5 ppb. HER-MW17-0206 had a concentration of 1436ppb.

Sample HER-MW17-0206 contained an interference that had the same retention time as the surrogate napthalene. All samples were non-detect for cis and trans dioxathion.

Authorized by: _____
Michael S. Bonner, PhD.

BONNER ANALYTICAL TESTING COMPANY

2703 OAK GROVE ROAD, HATTIESBURG, MS 39402
PHONE: (601) 264-2854 FAX: (601) 268-7084

CASE NARRATIVE: Hercules

Dioxathion analysis by HPLC

Samples were collected by the client and received at BATCO on 02/02/06 from Hercules. Nineteen water samples were collected and given ID#s BT31254-BT31272.

The samples were extracted and then analyzed on a High Performance Liquid Chromatograph (HPLC) equipped with diode array and fluorescence detectors.

A method blank, lab control, and matrix spike were extracted and analyzed under the same conditions as the samples.

Some samples tested positive for dioxenethion. HER-MW18-0206 had a concentraion of 7.25ppb. HER-FD2-0206 had a concentration of 20.7 ppb. HER-MW04-0206 had a concentration of 19.7ppb. HER-MW08-0206 had a concentration of 1669ppb.

Sample HER-MW08-0206 contained an interference that had the same retention time as the surrogate napthalene. All samples were non-detect for cis and trans dioxathion.

Authorized by:_____
Michael S. Bonner, PhD.

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

Client: **HERCULES**
Sample ID: HER-CM00-0206
File #: BT31256

	Date		Analyst
Collected:	02/01/06	18:05	CLEINT
Extracted:	02/06/06	8:00	BJL
Analyzed:	02/10/06	11:05	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			5.09	5.00	102	3.71	5.00	74.2
Dioxathion (cis)	0.400	ND			ND			4.40	5.00	88.0	4.50	5.00	90.0
Dioxathion (trans)	0.400	ND			ND			4.36	5.00	87.2	3.37	5.00	67.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.98	5.00	79.6	3.94	5.00	78.8	3.95	5.00	79.0	3.52	5.00	70.4

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-CM01-0206
File #: BT31257

	Date		Analyst
Collected:	02/01/06	17:55	CLEINT
Extracted:	02/06/06	8:00	BJL
Analyzed:	02/10/06	11:31	BJL

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

		SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected	Spike		Detected	Spike		Detected	Spike		Detected	Spike	
COMPOUNDS	PQL ug/L (ppb)	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			5.09	5.00	102	3.71	5.00	74.2
Dioxathion (cis)	0.400	ND			ND			4.40	5.00	88.0	4.50	5.00	90.0
Dioxathion (trans)	0.400	ND			ND			4.36	5.00	87.2	3.37	5.00	67.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.94	5.00	78.8	3.94	5.00	78.8	3.95	5.00	79.0	3.52	5.00	70.4

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-CM02-0206
File #: BT31258

	Date		Analyst
Collected:	02/01/06	17:45	CLEINT
Extracted:	02/06/06	8:00	BJL
Analyzed:	02/10/06	14:02	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			5.09	5.00	102	3.71	5.00	74.2
Dioxathion (cis)	0.400	ND			ND			4.40	5.00	88.0	4.50	5.00	90.0
Dioxathion (trans)	0.400	ND			ND			4.36	5.00	87.2	3.37	5.00	67.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.64	5.00	72.8	3.94	5.00	78.8	3.95	5.00	79.0	3.52	5.00	70.4

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-CM03-0206
File #: BT31259

	Date		Analyst
Collected:	02/01/06	17:40	CLEINT
Extracted:	02/06/06	8:00	BJL
Analyzed:	02/10/06	14:27	BJL

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

		SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected	Spike		Detected	Spike		Detected	Spike		Detected	Spike	
COMPOUNDS	PQL ug/L (ppb)	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			5.09	5.00	102	3.71	5.00	74.2
Dioxathion (cis)	0.400	ND			ND			4.40	5.00	88.0	4.50	5.00	90.0
Dioxathion (trans)	0.400	ND			ND			4.36	5.00	87.2	3.37	5.00	67.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		4.08	5.00	81.6	3.94	5.00	78.8	3.95	5.00	79.0	3.52	5.00	70.4

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-CM04-0206
File #: BT31260

	Date		Analyst
Collected:	02/01/06	17:15	CLEINT
Extracted:	02/06/06	8:00	BJL
Analyzed:	02/10/06	14:53	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			5.09	5.00	102	3.71	5.00	74.2
Dioxathion (cis)	0.400	ND			ND			4.40	5.00	88.0	4.50	5.00	90.0
Dioxathion (trans)	0.400	ND			ND			4.36	5.00	87.2	3.37	5.00	67.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		4.47	5.00	89.4	3.94	5.00	78.8	3.95	5.00	79.0	3.52	5.00	70.4

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-CM05-0206
File #: BT31261

	Date		Analyst
Collected:	02/01/06	16:50	CLEINT
Extracted:	02/06/06	8:00	BJL
Analyzed:	02/10/06	16:10	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			5.09	5.00	102	3.71	5.00	74.2
Dioxathion (cis)	0.400	ND			ND			4.40	5.00	88.0	4.50	5.00	90.0
Dioxathion (trans)	0.400	ND			ND			4.36	5.00	87.2	3.37	5.00	67.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		4.51	5.00	90.2	3.94	5.00	78.8	3.95	5.00	79.0	3.52	5.00	70.4

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-MW02-0206
File #: BT31266

	Date		Analyst
Collected:	02/02/06	13:35	CLEINT
Extracted:	02/06/06	8:00	BJL
Analyzed:	02/10/06	19:05	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			5.09	5.00	102	3.71	5.00	74.2
Dioxathion (cis)	0.400	ND			ND			4.40	5.00	88.0	4.50	5.00	90.0
Dioxathion (trans)	0.400	ND			ND			4.36	5.00	87.2	3.37	5.00	67.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.14	5.00	62.8	3.94	5.00	78.8	3.95	5.00	79.0	3.52	5.00	70.4

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-MW03-0206
File #: BT31268

	Date		Analyst
Collected:	02/02/06	12:45	CLEINT
Extracted:	02/06/06	8:00	BJL
Analyzed:	02/10/06	20:22	BJL

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

		SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected	Spike		Detected	Spike		Detected	Spike		Detected	Spike	
COMPOUNDS	PQL ug/L (ppb)	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			5.09	5.00	102	3.71	5.00	74.2
Dioxathion (cis)	0.400	ND			ND			4.40	5.00	88.0	4.50	5.00	90.0
Dioxathion (trans)	0.400	ND			ND			4.36	5.00	87.2	3.37	5.00	67.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.57	5.00	71.4	3.94	5.00	78.8	3.95	5.00	79.0	3.52	5.00	70.4

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Client: **HERCULES**
Sample ID: HER-MW04-0206
File #: BT31270

	Date		Analyst
Collected:	02/02/06	15:10	CLEINT
Extracted:	02/06/06	8:00	BJL
Analyzed:	02/10/06	21:13	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	19.7			ND			5.09	5.00	102	3.71	5.00	74.2
Dioxathion (cis)	0.400	ND			ND			4.40	5.00	88.0	4.50	5.00	90.0
Dioxathion (trans)	0.400	ND			ND			4.36	5.00	87.2	3.37	5.00	67.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.23	5.00	64.6	3.94	5.00	78.8	3.95	5.00	79.0	3.52	5.00	70.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: **HERCULES**
Sample ID: HER-MW05-0206
File #: BT31271

	Date		Analyst
Collected:	02/02/06	16:20	CLEINT
Extracted:	02/06/06	8:00	BJL
Analyzed:	02/10/06	21:39	BJL

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

		SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected	Spike		Detected	Spike		Detected	Spike		Detected	Spike	
COMPOUNDS	PQL ug/L (ppb)	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			5.09	5.00	102	3.71	5.00	74.2
Dioxathion (cis)	0.400	ND			ND			4.40	5.00	88.0	4.50	5.00	90.0
Dioxathion (trans)	0.400	ND			ND			4.36	5.00	87.2	3.37	5.00	67.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.29	5.00	65.8	3.94	5.00	78.8	3.95	5.00	79.0	3.52	5.00	70.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-MW06-0206
File #: BT31293

	Date		Analyst
Collected:	02/03/06	8:30	CLEINT
Extracted:	02/08/06	8:00	BJL
Analyzed:	02/13/06	17:41	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	2.48			ND			4.63	5.00	93	4.56	5.00	91.2
Dioxathion (cis)	0.400	ND			ND			3.57	5.00	71.4	3.57	5.00	71.4
Dioxathion (trans)	0.400	ND			ND			3.19	5.00	63.8	3.31	5.00	66.2
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.14	5.00	62.8	3.42	5.00	68.4	3.67	5.00	73.4	3.47	5.00	69.4

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Client: **HERCULES**
Sample ID: HER-MW07-0206
File #: BT31295

	Date		Analyst
Collected:	02/03/06	9:05	CLEINT
Extracted:	02/08/06	8:00	BJL
Analyzed:	02/14/06	10:20	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.63	5.00	93	4.56	5.00	91.2
Dioxathion (cis)	0.400	ND			ND			3.57	5.00	71.4	3.57	5.00	71.4
Dioxathion (trans)	0.400	ND			ND			3.19	5.00	63.8	3.31	5.00	66.2
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.66	5.00	73.2	3.42	5.00	68.4	3.67	5.00	73.4	3.47	5.00	69.4

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Client: **HERCULES**
Sample ID: HER-MW08-0206
File #: BT31272

	Date		Analyst
Collected:	02/02/06	10:45	CLEINT
Extracted:	02/06/06	8:00	BJL
Analyzed:	02/13/06	12:14	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	1669			ND			5.09	5.00	102	3.71	5.00	74.2
Dioxathion (cis)	0.400	ND			ND			4.40	5.00	88.0	4.50	5.00	90.0
Dioxathion (trans)	0.400	ND			ND			4.36	5.00	87.2	3.37	5.00	67.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		65.6	5.00	1312	3.94	5.00	78.8	3.95	5.00	79.0	3.52	5.00	70.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-MW09-0206
File #: BT31302

	Date		Analyst
Collected:	02/03/06	12:30	CLEINT
Extracted:	02/08/06	8:00	BJL
Analyzed:	02/14/06	14:37	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.63	5.00	93	4.56	5.00	91.2
Dioxathion (cis)	0.400	ND			ND			3.57	5.00	71.4	3.57	5.00	71.4
Dioxathion (trans)	0.400	ND			ND			3.19	5.00	63.8	3.31	5.00	66.2
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		5.07	5.00	101	3.42	5.00	68.4	3.67	5.00	73.4	3.47	5.00	69.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: **HERCULES**
Sample ID: HER-MW10-0206
File #: BT31267

	Date		Analyst
Collected:	02/02/06	14:35	CLEINT
Extracted:	02/06/06	8:00	BJL
Analyzed:	02/10/06	19:30	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			5.09	5.00	102	3.71	5.00	74.2
Dioxathion (cis)	0.400	ND			ND			4.40	5.00	88.0	4.50	5.00	90.0
Dioxathion (trans)	0.400	ND			ND			4.36	5.00	87.2	3.37	5.00	67.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.42	5.00	68.4	3.94	5.00	78.8	3.95	5.00	79.0	3.52	5.00	70.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: **HERCULES**
Sample ID: HER-MW11-0206
File #: BT31269

	Date		Analyst
Collected:	02/02/06	15:40	CLEINT
Extracted:	02/06/06	8:00	BJL
Analyzed:	02/10/06	20:48	BJL

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

		SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected	Spike		Detected	Spike		Detected	Spike		Detected	Spike	
COMPOUNDS	PQL ug/L (ppb)	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			5.09	5.00	102	3.71	5.00	74.2
Dioxathion (cis)	0.400	ND			ND			4.40	5.00	88.0	4.50	5.00	90.0
Dioxathion (trans)	0.400	ND			ND			4.36	5.00	87.2	3.37	5.00	67.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		2.97	5.00	59.4	3.94	5.00	78.8	3.95	5.00	79.0	3.52	5.00	70.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: **HERCULES**
Sample ID: HER-MW12-0206
File #: BT31294

	Date		Analyst
Collected:	02/03/06	8:00	CLEINT
Extracted:	02/08/06	8:00	BJL
Analyzed:	02/13/06	18:07	BJL

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

		SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
			Spike			Spike			Spike			Spike	
COMPOUNDS	PQL ug/L (ppb)	Detected Amount ug/L (ppb)	Amount ug/L	% Recovery	Detected Amount ug/L (ppb)	Amount ug/L	% Recovery	Detected Amount ug/L (ppb)	Amount ug/L	% Recovery	Detected Amount ug/L (ppb)	Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.63	5.00	93	4.56	5.00	91.2
Dioxathion (cis)	0.400	ND			ND			3.57	5.00	71.4	3.57	5.00	71.4
Dioxathion (trans)	0.400	ND			ND			3.19	5.00	63.8	3.31	5.00	66.2
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.02	5.00	60.4	3.42	5.00	68.4	3.67	5.00	73.4	3.47	5.00	69.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-MW13-0206
File #: BT31299

	Date		Analyst
Collected:	02/03/06	12:05	CLEINT
Extracted:	02/08/06	8:00	BJL
Analyzed:	02/14/06	17:09	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	60.5			ND			4.63	5.00	93	4.56	5.00	91.2
Dioxathion (cis)	0.400	ND			ND			3.57	5.00	71.4	3.57	5.00	71.4
Dioxathion (trans)	0.400	ND			ND			3.19	5.00	63.8	3.31	5.00	66.2
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		4.76	5.00	95.2	3.42	5.00	68.4	3.67	5.00	73.4	3.47	5.00	69.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: **HERCULES**
Sample ID: HER-MW14-0206
File #: BT31298

	Date		Analyst
Collected:	02/03/06	10:05	CLEINT
Extracted:	02/08/06	8:00	BJL
Analyzed:	02/14/06	12:54	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.63	5.00	93	4.56	5.00	91.2
Dioxathion (cis)	0.400	ND			ND			3.57	5.00	71.4	3.57	5.00	71.4
Dioxathion (trans)	0.400	ND			ND			3.19	5.00	63.8	3.31	5.00	66.2
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.44	5.00	68.8	3.42	5.00	68.4	3.67	5.00	73.4	3.47	5.00	69.4

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Client: HERCULES
Sample ID: HER-MW15-0206
File #: BT31297

	Date		Analyst
Collected:	02/03/06	10:45	CLEINT
Extracted:	02/08/06	8:00	BJL
Analyzed:	02/14/06	12:03	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.63	5.00	93	4.56	5.00	91.2
Dioxathion (cis)	0.400	ND			ND			3.57	5.00	71.4	3.57	5.00	71.4
Dioxathion (trans)	0.400	ND			ND			3.19	5.00	63.8	3.31	5.00	66.2
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		2.51	5.00	50.2	3.42	5.00	68.4	3.67	5.00	73.4	3.47	5.00	69.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: **HERCULES**
Sample ID: HER-MW16-0206
File #: BT31300

	Date		Analyst
Collected:	02/03/06	11:20	CLEINT
Extracted:	02/08/06	8:00	BJL
Analyzed:	02/14/06	13:46	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.63	5.00	93	4.56	5.00	91.2
Dioxathion (cis)	0.400	ND			ND			3.57	5.00	71.4	3.57	5.00	71.4
Dioxathion (trans)	0.400	ND			ND			3.19	5.00	63.8	3.31	5.00	66.2
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.54	5.00	70.8	3.42	5.00	68.4	3.67	5.00	73.4	3.47	5.00	69.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: **HERCULES**
Sample ID: HER-MW17-0206
File #: BT31301

	Date		Analyst
Collected:	02/03/06	13:05	CLEINT
Extracted:	02/08/06	8:00	BJL
Analyzed:	02/14/06	17:35	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug/L	SAMPLE Spike % Recovery	METHOD BLANK Detected Amount ug/L (ppb)	METHOD BLANK Spike Amount ug/L	METHOD BLANK Spike % Recovery	LAB CONTROL Detected Amount ug/L (ppb)	LAB CONTROL Spike Amount ug/L	LAB CONTROL Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ug/L	MATRIX SPIKE Spike % Recovery
Dioxenethion	0.400	1436			ND			4.63	5.00	93	4.56	5.00	91.2
Dioxathion (cis)	0.400	ND			ND			3.57	5.00	71.4	3.57	5.00	71.4
Dioxathion (trans)	0.400	ND			ND			3.19	5.00	63.8	3.31	5.00	66.2
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		44.0	5.00	880	3.42	5.00	68.4	3.67	5.00	73.4	3.47	5.00	69.4

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: **HERCULES**
Sample ID: HER-MW18-0206
File #: BT31262

	Date		Analyst
Collected:	02/01/06	12:50	CLEINT
Extracted:	02/06/06	8:00	BJL
Analyzed:	02/10/06	17:21	BJL

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

		SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected	Spike		Detected	Spike		Detected	Spike		Detected	Spike	
COMPOUNDS	PQL ug/L (ppb)	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery
Dioxenethion	0.400	7.25			ND			5.09	5.00	102	3.71	5.00	74.2
Dioxathion (cis)	0.400	ND			ND			4.40	5.00	88.0	4.50	5.00	90.0
Dioxathion (trans)	0.400	ND			ND			4.36	5.00	87.2	3.37	5.00	67.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.04	5.00	60.8	3.94	5.00	78.8	3.95	5.00	79.0	3.52	5.00	70.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: **HERCULES**
Sample ID: HER-MW19-0206
File #: BT31263

	Date		Analyst
Collected:	02/01/06	14:00	CLEINT
Extracted:	02/06/06	8:00	BJL
Analyzed:	02/10/06	17:47	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			5.09	5.00	102	3.71	5.00	74.2
Dioxathion (cis)	0.400	ND			ND			4.40	5.00	88.0	4.50	5.00	90.0
Dioxathion (trans)	0.400	ND			ND			4.36	5.00	87.2	3.37	5.00	67.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		2.87	5.00	57.4	3.94	5.00	78.8	3.95	5.00	79.0	3.52	5.00	70.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: **HERCULES**
Sample ID: HER-RS1-0206
File #: BT31255

	Date		Analyst
Collected:	02/01/06	14:15	CLEINT
Extracted:	02/06/06	8:00	BJL
Analyzed:	02/10/06	10:39	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			5.09	5.00	102	3.71	5.00	74.2
Dioxathion (cis)	0.400	ND			ND			4.40	5.00	88.0	4.50	5.00	90.0
Dioxathion (trans)	0.400	ND			ND			4.36	5.00	87.2	3.37	5.00	67.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.44	5.00	68.8	3.94	5.00	78.8	3.95	5.00	79.0	3.52	5.00	70.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: **HERCULES**
Sample ID: HER-RS2-0206
File #: BT31264

	Date		Analyst
Collected:	02/02/06	12:15	CLEINT
Extracted:	02/06/06	8:00	BJL
Analyzed:	02/10/06	18:13	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			5.09	5.00	102	3.71	5.00	74.2
Dioxathion (cis)	0.400	ND			ND			4.40	5.00	88.0	4.50	5.00	90.0
Dioxathion (trans)	0.400	ND			ND			4.36	5.00	87.2	3.37	5.00	67.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.31	5.00	66.2	3.94	5.00	78.8	3.95	5.00	79.0	3.52	5.00	70.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-RS3-0206
File #: BT31292

	Date		Analyst
Collected:	02/03/06	7:45	CLEINT
Extracted:	02/08/06	8:00	BJL
Analyzed:	02/13/06	17:15	BJL

Sample Type: Water
Extraction Method: SW848 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.63	5.00	93	4.56	5.00	91.2
Dioxathion (cis)	0.400	ND			ND			3.57	5.00	71.4	3.57	5.00	71.4
Dioxathion (trans)	0.400	ND			ND			3.19	5.00	63.8	3.31	5.00	66.2
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		2.48	5.00	49.6	3.42	5.00	68.4	3.67	5.00	73.4	3.47	5.00	69.4

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Client: **HERCULES**
Sample ID: HER-FD1-0206
File #: BT31254

	Date		Analyst
Collected:	02/01/06	NA	CLEINT
Extracted:	02/06/06	8:00	BJL
Analyzed:	02/10/06	10:13	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			5.09	5.00	102	3.71	5.00	74.2
Dioxathion (cis)	0.400	ND			ND			4.40	5.00	88.0	4.50	5.00	90.0
Dioxathion (trans)	0.400	ND			ND			4.36	5.00	87.2	3.37	5.00	67.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		4.10	5.00	82.0	3.94	5.00	78.8	3.95	5.00	79.0	3.52	5.00	70.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: **HERCULES**
Sample ID: HER-FD2-0206
File #: BT31265

	Date		Analyst
Collected:	02/02/06	NA	CLEINT
Extracted:	02/06/06	8:00	BJL
Analyzed:	02/10/06	18:39	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	20.7			ND			5.09	5.00	102	3.71	5.00	74.2
Dioxathion (cis)	0.400	ND			ND			4.40	5.00	88.0	4.50	5.00	90.0
Dioxathion (trans)	0.400	ND			ND			4.36	5.00	87.2	3.37	5.00	67.4
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.67	5.00	73.4	3.94	5.00	78.8	3.95	5.00	79.0	3.52	5.00	70.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: **HERCULES**
Sample ID: HER-FD3-0206
File #: BT31296

	Date		Analyst
Collected:	02/03/06	8:30	CLEINT
Extracted:	02/08/06	8:00	BJL
Analyzed:	02/14/06	11:37	BJL

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

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.63	5.00	93	4.56	5.00	91.2
Dioxathion (cis)	0.400	ND			ND			3.57	5.00	71.4	3.57	5.00	71.4
Dioxathion (trans)	0.400	ND			ND			3.19	5.00	63.8	3.31	5.00	66.2
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		5.10	5.00	102	3.42	5.00	68.4	3.67	5.00	73.4	3.47	5.00	69.4

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