

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB	%Rec	DBFM	%Rec	TOL	%Rec
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680-32249-1	HER-CM00-112607	96	97	90	90	91	90
680-32249-2	HER-CM01-112607	94	98	89	89	91	89
680-32249-3	HER-CM02-112607	93	97	89	89	91	89
680-32249-4	HER-CM03-112607	94	93	89	89	91	89
680-32249-5	HER-CM04-112607	91	99	90	90	91	90
680-32249-6	HER-CM05-112607	92	95	90	90	91	90
680-32249-7	HER-MW02-112707	93	99	89	89	91	89
680-32249-8	HER-MW03-112707	93	96	89	89	91	89
680-32249-9	HER-MW04-112707	100	98	93	93	94	90
680-32249-10	HER-MW05-112707	95	95	94	94	95	90
680-32249-11	HER-MW06-112707	93	98	93	93	94	90
680-32249-12	HER-MW07-112807	89	99	94	94	95	90
680-32249-13	HER-MW08-112807	87	100	94	94	95	90
680-32249-14	HER-MW09-112807	94	97	93	93	94	90
680-32249-15	HER-MW10-112707	91	99	92	92	93	90
680-32249-16	HER-MW11-112707	89	99	92	92	93	90
680-32249-17	HER-MW12-112707	90	98	92	92	93	90
680-32249-18	HER-MW13-112807	91	101	92	92	93	90
680-32249-18 DL	HER-MW13-112807	92	104	91	91	92	90
680-32249-19	HER-MW14-112807	90	99	94	94	95	90
680-32249-20	HER-MW15-112807	97	98	93	93	94	90
680-32249-21	HER-MW16-112807	92	99	95	95	96	90
680-32249-22	HER-MW17-112807	92	103	91	91	92	90
680-32249-22 DL	HER-MW17-112807	97	101	89	89	90	90
680-32249-23	HER-MW18-112707	91	99	94	94	95	90
680-32249-24	HER-MW19-112807	94	102	91	91	92	90
680-32249-25	HER-RS1-112607	87	99	96	96	97	90
680-32249-26	HER-RS2-112707	86	99	95	95	96	90

Surrogate Acceptance Limits

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

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	%Rec	BFB	%Rec	DBFM	%Rec	TOL
680-32249-27	HER-RS3-112807	93		101		91	
680-32249-28	HER-FD1-112707	100		101		94	
680-32249-29	HER-FD2-112807	96		103		91	
680-32249-32	TRIP BLANK	92		106		89	
MB 680-92512/18		92		95		91	
MB 680-92536/7		91		96		92	
MB 680-92567/16		97		95		89	
MB 680-92630/12		90		97		95	
MB 680-92648/11		94		104		92	
MB 680-92858/9		92		103		94	
LCS 680-92512/16		93		98		95	
LCS 680-92536/5		95		95		97	
LCS 680-92567/15		94		97		97	
LCS 680-92630/11		90		94		95	
LCS 680-92648/9		91		102		95	
LCS 680-92858/8		100		101		94	
LCS 680-92536/6		87		93		93	
LCSD 680-92648/10		92		101		93	
680-32249-4 MS	HER-CM03-112607	91		102		95	
680-32249-7 MS	HER-MW02-112707	89		103		97	
680-32249-12 MS	HER-MW07-112807	94		105		94	
MS							
680-32249-4 MSD	HER-CM03-112607	89		104		94	
MSD							
680-32249-7 MSD	HER-MW02-112707	90		101		92	
MSD							
680-32249-12 MSD	HER-MW07-112807	95		105		96	
MSD							

Surrogate Acceptance Limits

BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Sur)

75-120
75-121
75-120

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TBP %Rec	FBP %Rec	2FP %Rec	TPH %Rec	PHL %Rec	NBZ %Rec
680-32249-30	HER-DA1-112807	52	0D	41	0D	50	0D
680-32249-31	HER-DA2-112807	55	0D	52	0D	58	0D
MB 680-92817/6-A		92	81	76	102	81	81
LCS 680-92817/7-A		99	84	79	99	90	82

Acceptance Limits

TBP = 2,4,6-Tribromophenol	36-128
FBP = 2-Fluorobiphenyl	44-110
ZFP = 2-Fluorophenol	41-110
TPH = Terphenyl-d14	10-112
PHL = Phenol-d5	43-110
NBZ = Nitrobenzene-d5	36-110

TestAmerica Savannah

Surrogate Recovery Report

8081A 8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1	TCX1
680-32249-30	HER-DA1-112807	0D	0D
680-32249-31	HER-DA2-112807	0D	0D
MB 680-92308/6-A		110	93
LCS 680-92308/10-A		100	76
680-32249-30 MS	HER-DA1-112807 MS	0D	0D
680-32249-30 MSD	HER-DA1-112807	0D	0D

MSD

Surrogate	DCB = DCB Decachlorobiphenyl	TCX = Tetrachloro-m-xylene
Acceptance Limits	50-129	26-140

Quality Control Results

Client: Hercules Inc.

Job Number: 680-32249-1

Surrogate Recovery Report

8151A Chlorinated Herbicides by GC

Client Matrix: Solid

Lab Sample ID	Client Sample ID	%Rec
680-32249-30	HER-DA1-112807	97
680-32249-31	HER-DA2-112807	72
MB 680-92620/3-A		83
LCS 680-92620/4-A		101
680-32249-31 MS	HER-DA2-112807 MS	91
680-32249-31 MSD	HER-DA2-112807 MSD	88

Surrogate
DCPA = 2,4-Dichlorophenylacetic acid
Acceptance Limits
58-110

TestAmerica Savannah

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Method Blank - Batch: 680-92512

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-92512/18	Analysis Batch: 680-92512	Instrument ID: GC/MS Volatiles - O C2
Client Matrix: Water	Prep Batch: N/A	Lab File ID: 0q708.d
Dilution: 1.0	Units: ug/L	Initial Weight/Volume: 5 mL
Date Analyzed: 11/30/2007 2057		Final Weight/Volume: 5 mL
Date Prepared: 11/30/2007 2057		

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

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Method Blank - Batch: 680-92512

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-92512/18	Analysis Batch: 680-92512	Instrument ID: GC/MS Volatiles - O C2
Client Matrix: Water	Prep Batch: N/A	Lab File ID: 04708.d
Dilution: 1.0	Units: ug/L	Initial Weight/Volume: 5 mL
Date Analyzed: 11/30/2007 2057		Final Weight/Volume: 5 mL
Date Prepared: 11/30/2007 2057		

Analyte	Result	Qual	RL
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Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	% Rec	Acceptance Limits	
4-Bromofluorobenzene	92	75 - 120	
Dibromofluoromethane	95	75 - 121	
Toluene-d8 (Surr)	91	75 - 120	

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Lab Control Spike - Batch: 680-92512

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-92512/16
Analysis Batch: 680-92512
Instrument ID: GC/MS Volatiles - O C2
Lab File ID: 0q702.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Client Matrix: Water
Prep Batch: N/A
Dilution: 1.0
Date Analyzed: 11/30/2007 1932
Date Prepared: 11/30/2007 1932

Analyte Spike Amount Result % Rec. Limit Qual

Acetone	100	112	112	17 - 175	
Benzene	50.0	46.1	92	77 - 119	
Dichlorobromomethane	50.0	52.8	106	78 - 127	
Bromoforn	50.0	55.6	111	62 - 133	
Bromomethane	50.0	50.8	102	12 - 184	
2-Butanone (MEK)	100	106	106	33 - 157	
Carbon disulfide	50.0	42.4	85	55 - 131	
Carbon tetrachloride	50.0	52.5	105	71 - 135	
Chlorobenzene	50.0	48.0	96	85 - 116	
Chloroethane	50.0	42.2	84	40 - 165	
Chloroform	50.0	50.7	101	82 - 120	
Chlorodibromomethane	50.0	52.2	104	75 - 133	
1,2-Dibromo-3-Chloropropane	50.0	52.8	106	49 - 140	
Ethylene Dibromide	50.0	48.4	97	80 - 121	
Dibromomethane	50.0	48.3	97	78 - 119	
Dichlorodifluoromethane	50.0	44.2	88	34 - 154	
1,1-Dichloroethane	50.0	45.7	91	74 - 127	
1,2-Dichloroethane	50.0	47.7	95	66 - 132	
1,1-Dichloroethene	50.0	42.8	86	62 - 141	
cis-1,2-Dichloroethene	50.0	47.1	94	69 - 134	
trans-1,2-Dichloroethene	50.0	44.3	89	72 - 131	
1,2-Dichloropropane	50.0	46.6	93	73 - 124	
cis-1,3-Dichloropropane	50.0	52.6	105	76 - 126	
trans-1,3-Dichloropropane	50.0	53.9	108	73 - 128	
Ethylbenzene	50.0	48.5	97	86 - 116	
2-Hexanone	100	97.5	97	34 - 161	
Methylene Chloride	50.0	45.1	90	70 - 125	
4-Methyl-2-pentanone (MIBK)	100	89.2	89	40 - 151	
Styrene	50.0	48.7	97	82 - 122	
1,1,1,2-Tetrachloroethane	50.0	54.1	108	81 - 128	
1,1,2,2-Tetrachloroethane	50.0	43.6	87	69 - 129	
Tetrachloroethene	50.0	48.0	96	76 - 126	
Toluene	50.0	47.6	95	81 - 117	
1,1,1-Trichloroethane	50.0	50.1	100	76 - 127	
1,1,2-Trichloroethane	50.0	45.2	90	75 - 121	
Trichloroethene	50.0	48.0	96	84 - 115	
Trichlorofluoromethane	50.0	45.9	92	58 - 149	
1,2,3-Trichloropropane	50.0	49.0	98	70 - 130	
Vinyl acetate	100	109	109	10 - 217	
Vinyl chloride	50.0	37.8	76	59 - 144	

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Lab Control Spike - Batch: 680-92512

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 680-92512/16	Analysis Batch:	680-92512	Instrument ID:	GC/MS Volatiles - O C2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	oq702.d
Dilution:	1.0	Units:	ug/L	Initial Weight/Volume:	5 mL
Date Analyzed:	11/30/2007 1932			Final Weight/Volume:	5 mL
Date Prepared:	11/30/2007 1932				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	143	96	84 - 118	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		93		75 - 120	
Dibromofluoromethane		98		75 - 121	
Toluene-d8 (Surr)		95		75 - 120	

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc

Method Blank - Batch: 680-92536

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-92536/7	Client Matrix: Water	Dilution: 1.0	Date Analyzed: 12/03/2007 1326	Date Prepared: 12/03/2007 1326
Analysis Batch: 680-92536	Prep Batch: N/A	Units: ug/L		
Instrument ID: GC/MS Volatiles - B	Lab File ID: bq148.d	Initial Weight/Volume: 5 mL	Final Weight/Volume: 5 mL	

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

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Method Blank - Batch: 680-92536

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-92536/7	Client Matrix: Water	Dilution: 1.0	Date Analyzed: 12/03/2007 1326	Date Prepared: 12/03/2007 1326
Analysis Batch: 680-92536	Prep Batch: N/A	Units: ug/L	Initial Weight/Volume: 5 mL	Final Weight/Volume: 5 mL
Instrument ID: GC/MS Volatiles - B	Lab File ID: bq148.d			

Analyte	Result	Qual	RL
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	% Rec	Acceptance Limits	
4-Bromofluorobenzene	91	75 - 120	
Dibromofluoromethane	96	75 - 121	
Toluene-d8 (Sur)	92	75 - 120	

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

Quality Control Results

Client: Hercules Inc. Job Number: 680-32249-1

Lab Control Spike/ Lab Control Spike Duplicate Recovery Report - Batch: 680-92536

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 680-92536/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2007 1038
Date Prepared: 12/03/2007 1038
Analysis Batch: 680-92536
Prep Batch: N/A
Units: ug/L
Instrument ID: GC/MS Volatiles - B
Lab File ID: bq142.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-92536/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2007 1132
Date Prepared: 12/03/2007 1132
Analysis Batch: 680-92536
Prep Batch: N/A
Units: ug/L
Instrument ID: GC/MS Volatiles - B
Lab File ID: bq144.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
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Acetone	101	96	17 - 175	6	50		
Benzene	100	95	77 - 119	5	30		
Dichlorobromomethane	102	98	78 - 127	3	30		
Bromoform	91	84	62 - 133	9	30		
Bromomethane	93	103	12 - 184	10	50		
2-Butanone (MEK)	91	89	33 - 157	2	30		
Carbon disulfide	94	90	55 - 131	4	30		
Carbon tetrachloride	110	105	71 - 135	5	30		
Chlorobenzene	95	88	85 - 116	8	30		
Chloroethane	92	90	40 - 165	2	50		
Chloroform	106	105	82 - 120	2	30		
Chloromethane	93	89	48 - 142	4	50		
Chlorodibromomethane	100	94	75 - 133	6	30		
1,2-Dibromo-3-Chloropropane	80	74	49 - 140	8	30		
Ethylene Dibromide	95	92	80 - 121	3	30		
Dibromomethane	96	93	78 - 119	4	30		
Dichlorodifluoromethane	113	113	34 - 154	1	30		
1,1-Dichloroethane	100	98	74 - 127	2	30		
1,2-Dichloroethane	98	92	66 - 132	7	30		
1,1-Dichloroethene	99	98	62 - 141	1	30		
cis-1,2-Dichloroethene	97	94	69 - 134	2	30		
trans-1,2-Dichloroethene	95	91	72 - 131	4	30		
1,2-Dichloropropane	97	93	73 - 124	4	30		
cis-1,3-Dichloropropene	99	98	76 - 126	1	30		
trans-1,3-Dichloropropene	98	95	73 - 128	3	30		
Ethylbenzene	98	92	86 - 116	6	30		
2-Hexanone	89	82	34 - 161	9	30		
Methylene Chloride	101	100	70 - 125	1	30		
4-Methyl-2-pentanone (MIBK)	91	87	40 - 151	5	30		
Styrene	96	88	82 - 122	9	30		
1,1,1,2-Tetrachloroethane	96	91	81 - 128	6	30		
1,1,2,2-Tetrachloroethane	87	82	69 - 129	6	30		

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

Quality Control Results

Client: Hercules Inc. Job Number: 680-32249-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 680-92536
Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 680-92536/5
Analysis Batch: 680-92536
Prep Batch: N/A
Units: ug/L
Dilution: 1.0
Date Analyzed: 12/03/2007 1038
Date Prepared: 12/03/2007 1038
Client Matrix: Water
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-92536/6
Analysis Batch: 680-92536
Prep Batch: N/A
Units: ug/L
Dilution: 1.0
Date Analyzed: 12/03/2007 1132
Date Prepared: 12/03/2007 1132
Client Matrix: Water
Lab File ID: bq144.d
Instrument ID: GC/MS Volatiles - B
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	LCS % Rec.	LCSD Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Tetrachloroethene	101	93	76 - 126	8	30	30
Toluene	102	97	81 - 117	5	30	30
1,1,1-Trichloroethane	104	102	76 - 127	3	30	30
1,1,2-Trichloroethane	93	91	75 - 121	3	30	30
Trichloroethene	98	97	84 - 115	2	30	30
Trichlorofluoromethane	96	95	58 - 149	1	50	50
1,2,3-Trichloropropane	91	84	70 - 130	7	30	30
Vinyl acetate	97	97	10 - 217	0	30	30
Vinyl chloride	92	88	59 - 144	5	50	50
Xylenes, Total	97	91	84 - 118	7	30	30
Surrogate	LCS % Rec	LCSD % Rec				Acceptance Limits
4-Bromofluorobenzene	95	87			75 - 120	75 - 120
Dibromofluoromethane	95	93			75 - 121	75 - 120
Toluene-d8 (Surr)	97	93			75 - 120	75 - 120

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Method Blank - Batch: 680-92548

Method: 8260B
Preparation: 5030A

Lab Sample ID: MB 680-92548/7	Client Matrix: Solid	Dilution: 40	Date Analyzed: 11/30/2007 1731	Date Prepared: 11/30/2007 1731
Analysis Batch: 680-92548				
Prep Batch: N/A				
Units: ug/Kg				
Instrument ID: GC/MS Volatiles - L	Lab File ID: lq279.d	Initial Weight/Volume: 5 g	Final Weight/Volume: 5 mL	

Analyte	Result	Qual	RL
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Acetone	<2000		2000
Acetonitrile	<8000		8000
Acrolein	<4000		4000
Acrylonitrile	<4000		4000
Benzene	<200		200
Bromodichloromethane	<200		200
Bromoforn	<200		200
Bromomethane	<200		200
2-Butanone	<1000		1000
Carbon disulfide	<200		200
Carbon tetrachloride	<200		200
Chlorobenzene	<200		200
Chloroethane	<200		200
Chloroform	<200		200
Chloromethane	<200		200
Chloroprene	<200		200
3-Chloro-1-propene	<200		200
Dibromochloromethane	<200		200
1,2-Dibromo-3-Chloropropane	<400		400
1,2-Dibromomethane	<200		200
Dibromomethane	<200		200
trans-1,4-Dichloro-2-butene	<400		400
Dichlorodifluoromethane	<200		200
1,1-Dichloroethane	<200		200
1,2-Dichloroethane	<200		200
1,1-Dichloroethene	<200		200
cis-1,2-Dichloroethene	<200		200
trans-1,2-Dichloroethene	<200		200
1,2-Dichloropropane	<200		200
cis-1,3-Dichloropropene	<200		200
trans-1,3-Dichloropropene	<200		200
Ethylbenzene	<200		200
Ethyl methacrylate	<200		200
2-Hexanone	<1000		1000
Iodomethane	<200		200
Isobutanol	<8000		8000
Methacrylonitrile	<4000		4000
Methylene Chloride	<200		200
Methyl methacrylate	<200		200
4-Methyl-2-pentanone	<1000		1000
Pentachloroethane	<1000		1000

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Method Blank - Batch: 680-92548

Method: 8260B
Preparation: 5030A

Lab Sample ID: MB 680-92548/7	Analysis Batch: 680-92548	Instrument ID: GC/MS Volatiles - L
Client Matrix: Solid	Prep Batch: N/A	Lab File ID: lq279.d
Dilution: 40	Units: ug/Kg	Initial Weight/Volume: 5 g
Date Analyzed: 11/30/2007 1731		Final Weight/Volume: 5 mL
Date Prepared: 11/30/2007 1731		

Analyte	Result	Qual	RL
Propionitrile	<4000		4000
Styrene	<200		200
1,1,1,2-Tetrachloroethane	<200		200
1,1,2,2-Tetrachloroethane	<200		200
Tetrachloroethene	<200		200
Toluene	<200		200
1,1,1-Trichloroethane	<200		200
1,1,2-Trichloroethane	<200		200
Trichloroethene	<200		200
Trichlorofluoromethane	<200		200
1,2,3-Trichloropropane	<200		200
Vinyl acetate	<400		400
Vinyl chloride	<200		200
Xylenes, Total	<400		400
Surrogate	% Rec	Acceptance Limits	
4-Bromofluorobenzene	90	65 - 124	
Dibromofluoromethane	98	65 - 124	
Toluene-d8 (Sur)	92	65 - 132	

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

Quality Control Results

Client: Hercules Inc. Job Number: 680-32249-1

Lab Control Spike/ Lab Control Spike Duplicate Recovery Report - Batch: 680-92548

Method: 8260B
Preparation: 5030A

LCS Lab Sample ID: LCS 680-92548/5
Client Matrix: Solid
Dilution: 40
Date Analyzed: 11/30/2007 1402
Date Prepared: 11/30/2007 1402
Analysis Batch: 680-92548
Prep Batch: N/A
Units: ug/Kg
Instrument ID: GC/MS Volatiles - L
Lab File ID: lq273.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-92548/6
Client Matrix: Solid
Dilution: 40
Date Analyzed: 11/30/2007 1424
Date Prepared: 11/30/2007 1424
Analysis Batch: 680-92548
Prep Batch: N/A
Units: ug/Kg
Instrument ID: GC/MS Volatiles - L
Lab File ID: lq274.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	% Rec.	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
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Acetone	105	133	16 - 202	24	50			
Benzene	97	97	63 - 130	0	50			
Bromodichloromethane	101	105	64 - 137	3	50			
Bromoform	104	101	66 - 127	3	50			
Bromomethane	93	83	54 - 146	12	50			
2-Butanone	112	133	19 - 192	17	50			
Carbon disulfide	103	92	46 - 134	11	50			
Carbon tetrachloride	98	98	60 - 136	0	50			
Chlorobenzene	101	98	77 - 120	3	50			
Chloroethane	88	81	26 - 166	8	50			
Chloroform	112	104	68 - 127	7	50			
Chloromethane	88	81	46 - 137	9	50			
Dibromochloromethane	102	101	70 - 126	0	50			
1,2-Dibromo-3-Chloropropane	99	112	62 - 140	12	50			
1,2-Dibromomethane	97	107	61 - 138	10	50			
Dibromomethane	100	103	61 - 138	3	50			
Dichlorodifluoromethane	60	62	17 - 163	3	50			
1,1-Dichloroethane	109	102	65 - 130	6	50			
1,2-Dichloroethane	96	99	62 - 140	4	50			
1,1-Dichloroethene	111	97	59 - 137	13	50			
cis-1,2-Dichloroethene	108	99	58 - 143	8	50			
trans-1,2-Dichloroethene	103	96	66 - 127	7	50			
1,2-Dichloropropane	102	98	66 - 135	3	50			
cis-1,3-Dichloropropene	107	105	66 - 137	2	50			
trans-1,3-Dichloropropene	105	109	64 - 138	4	50			
Ethylbenzene	104	98	77 - 121	6	50			
2-Hexanone	105	121	47 - 151	14	50			
Methylene Chloride	108	96	65 - 126	12	50			
4-Methyl-2-pentanone	104	124	50 - 148	17	50			
Styrene	104	103	75 - 123	1	50			
1,1,1,2-Tetrachloroethane	105	98	72 - 124	7	50			
1,1,2,2-Tetrachloroethane	97	108	65 - 130	11	50			

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Lab Control Spike/ Lab Control Spike Duplicate Recovery Report - Batch: 680-92548

Method: 8260B
Preparation: 5030A

LCS Lab Sample ID: LCS 680-92548/5	Analysis Batch: 680-92548	Instrument ID: GC/MS Volatiles - L
Client Matrix: Solid	Prep Batch: N/A	Lab File ID: lq273.d
Dilution: 40	Units: ug/Kg	Initial Weight/Volume: 5 g
Date Analyzed: 11/30/2007 1402		Final Weight/Volume: 5 mL
Date Prepared: 11/30/2007 1402		

LCS Lab Sample ID: LCSD 680-92548/6	Analysis Batch: 680-92548	Instrument ID: GC/MS Volatiles - L
Client Matrix: Solid	Prep Batch: N/A	Lab File ID: lq274.d
Dilution: 40	Units: ug/Kg	Initial Weight/Volume: 5 g
Date Analyzed: 11/30/2007 1424		Final Weight/Volume: 5 mL
Date Prepared: 11/30/2007 1424		

Analyte	LCS	LCSD	% Rec.	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
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Tetrachloroethene	98	99	76 - 120	1	50			
Toluene	101	103	67 - 132	2	50			
1,1,1-Trichloroethane	98	98	56 - 140	0	50			
1,1,2-Trichloroethane	100	110	62 - 138	9	50			
Trichloroethene	104	99	68 - 133	4	50			
Trichlorofluoromethane	96	90	33 - 152	6	50			
1,2,3-Trichloropropane	104	103	65 - 132	1	50			
Vinyl acetate	118	105	10 - 254	11	50			
Vinyl chloride	90	87	56 - 139	3	50			
Xylenes, Total	105	104	76 - 122	1	50			
Surrogate								
4-Bromofluorobenzene	98	97	100				65 - 124	
Dibromofluoromethane	102	102	100				65 - 124	
Toluene-d8 (Surr)	100	100	100				65 - 132	

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Method Blank - Batch: 680-92567

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-92567/16	Analysis Batch: 680-92567	Instrument ID: GC/MS Volatiles - O
Client Matrix: Water	Prep Batch: N/A	Lab File ID: 0q719.d
Dilution: 1.0	Units: ug/L	Initial Weight/Volume: 5 mL
Date Analyzed: 12/03/2007 1402		Final Weight/Volume: 5 mL
Date Prepared: 12/03/2007 1402		

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

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Method Blank - Batch: 680-92567

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-92567/16	Analysis Batch: 680-92567	Instrument ID: GC/MS Volatiles - O
Client Matrix: Water	Prep Batch: N/A	Lab File ID: 0q719.d
Dilution: 1.0	Units: ug/L	Initial Weight/Volume: 5 mL
Date Analyzed: 12/03/2007 1402		Final Weight/Volume: 5 mL
Date Prepared: 12/03/2007 1402		

Analyte	Result	Qual	RL
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	% Rec	Acceptance Limits	
4-Bromofluorobenzene	97	75 - 120	
Dibromofluoromethane	95	75 - 121	
Toluene-d8 (Surr)	89	75 - 120	

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Lab Control Spike - Batch: 680-92567

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-92567/15
Analysis Batch: 680-92567
Instrument ID: GC/MS Volatiles - O
Lab File ID: 0q713.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2007 1153
Date Prepared: 12/03/2007 1153

Analyte Spike Amount Result % Rec. Limit Qual

Acetone	100	110	110	17 - 175	
Benzene	50.0	45.2	90	77 - 119	
Dichlorobromomethane	50.0	51.8	104	78 - 127	
Bromoforn	50.0	58.4	117	62 - 133	
Bromomethane	50.0	56.9	114	12 - 184	
2-Butanone (MEK)	100	95.1	95	33 - 157	
Carbon disulfide	50.0	47.4	95	55 - 131	
Carbon tetrachloride	50.0	49.3	99	71 - 135	
Chlorobenzene	50.0	48.2	96	85 - 116	
Chloroethane	50.0	52.5	105	40 - 165	
Chloroform	50.0	52.2	104	82 - 120	
Chloromethane	50.0	48.1	96	48 - 142	
Chlorodibromomethane	50.0	54.2	108	75 - 133	
1,2-Dibromo-3-Chloropropane	50.0	50.3	101	49 - 140	
Ethylene Dibromide	50.0	48.5	97	80 - 121	
Dibromomethane	50.0	43.7	87	78 - 119	
Dichlorodifluoromethane	50.0	47.3	95	34 - 154	
1,1-Dichloroethane	50.0	49.5	99	74 - 127	
1,2-Dichloroethane	50.0	42.5	85	66 - 132	
1,1-Dichloroethene	50.0	50.2	100	62 - 141	
cis-1,2-Dichloroethene	50.0	51.5	103	69 - 134	
trans-1,2-Dichloroethene	50.0	48.8	98	72 - 131	
1,2-Dichloropropane	50.0	46.4	93	73 - 124	
cis-1,3-Dichloropropene	50.0	51.5	103	76 - 126	
trans-1,3-Dichloropropene	50.0	54.1	108	73 - 128	
Ethylbenzene	50.0	49.9	100	86 - 116	
2-Hexanone	100	99.5	99	34 - 161	
Methylene Chloride	50.0	48.2	96	70 - 125	
4-Methyl-2-pentanone (MIBK)	100	91.6	92	40 - 151	
Styrene	50.0	50.6	101	82 - 122	
1,1,1,2-Tetrachloroethane	50.0	50.8	102	81 - 128	
1,1,2,2-Tetrachloroethane	50.0	47.3	95	69 - 129	
Tetrachloroethene	50.0	50.2	100	76 - 126	
Toluene	50.0	48.7	97	81 - 117	
1,1,1-Trichloroethane	50.0	48.6	97	76 - 127	
1,1,2-Trichloroethane	50.0	46.6	93	75 - 121	
Trichloroethene	50.0	48.9	98	84 - 115	
Trichlorofluoromethane	50.0	47.2	94	58 - 149	
1,2,3-Trichloropropane	50.0	50.0	100	70 - 130	
Vinyl acetate	100	114	114	10 - 217	
Vinyl chloride	50.0	46.4	93	59 - 144	

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Lab Control Spike - Batch: 680-92567

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-92567/15	Analysis Batch: 680-92567	Instrument ID: GC/MS Volatiles - O
Client Matrix: Water	Prep Batch: N/A	Lab File ID: oq713.d
Dilution: 1.0	Units: ug/L	Initial Weight/Volume: 5 mL
Date Analyzed: 12/03/2007 1153		Final Weight/Volume: 5 mL
Date Prepared: 12/03/2007 1153		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	147	98	84 - 118	
Surrogate				Acceptance Limits	
4-Bromofluorobenzene		94		75 - 120	
Dibromofluoromethane		97		75 - 121	
Toluene-d8 (Surr)		97		75 - 120	

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

Client: Hercules Inc.

Quality Control Results

Job Number: 680-32249-1

Method: 8260B
Preparation: 5030B

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-92567

Instrument ID: GC/MS Volatiles - O
Lab File ID: 00334.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MS Lab Sample ID: 680-32249-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2007 1801
Date Prepared: 12/03/2007 1801

Analysis Batch: 680-92567
Prep Batch: N/A

Instrument ID: GC/MS Volatiles - O
Lab File ID: 00336.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-32249-4
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2007 1829
Date Prepared: 12/03/2007 1829

Analysis Batch: 680-92567
Prep Batch: N/A

Analyte	MS	% Rec.	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
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Acetone	82	87	17 - 175	5	50			
Benzene	90	90	77 - 119	0	30			
Dichlorobromomethane	99	100	78 - 127	1	30			
Bromoform	103	105	62 - 133	2	30			
Bromomethane	140	150	12 - 184	6	50			
2-Butanone (MEK)	92	92	33 - 157	0	30			
Carbon disulfide	107	106	55 - 131	1	30			
Carbon tetrachloride	100	102	71 - 135	2	30			
Chlorobenzene	94	94	85 - 116	0	30			
Chloroethane	135	126	40 - 165	7	50			
Chloroform	111	110	82 - 120	1	30			
Chloromethane	102	96	48 - 142	6	50			
Chlorodibromomethane	99	98	75 - 133	0	30			
1,2-Dibromo-3-Chloropropane	86	90	49 - 140	4	30			
Ethylene Dibromide	90	89	80 - 121	1	30			
Dibromomethane	88	85	78 - 119	4	30			
Dichlorodifluoromethane	103	101	34 - 154	2	30			
1,1-Dichloroethane	108	110	74 - 127	2	30			
1,2-Dichloroethane	83	86	66 - 132	3	30			
1,1-Dichloroethene	114	116	62 - 141	2	30			
cis-1,2-Dichloroethene	110	113	69 - 134	3	30			
trans-1,2-Dichloroethene	104	103	72 - 131	1	30			
1,2-Dichloropropane	89	89	73 - 124	0	30			
cis-1,3-Dichloropropene	99	99	76 - 126	0	30			
trans-1,3-Dichloropropene	100	100	73 - 128	0	30			
Ethylbenzene	97	98	86 - 116	1	30			
2-Hexanone	78	82	34 - 161	5	30			
Methylene Chloride	108	106	70 - 125	2	30			
4-Methyl-2-pentanone (MIBK)	81	82	40 - 151	1	30			

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-92567

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 680-32249-4	Analysis Batch: 680-92567	Instrument ID: GC/MS Volatiles - O
Client Matrix: Water	Prep Batch: N/A	Lab File ID: 00334.d
Dilution: 1.0		Initial Weight/Volume: 5 mL
Date Analyzed: 12/03/2007 1801		Final Weight/Volume: 5 mL
Date Prepared: 12/03/2007 1801		

MSD Lab Sample ID: 680-32249-4	Analysis Batch: 680-92567	Instrument ID: GC/MS Volatiles - O
Client Matrix: Water	Prep Batch: N/A	Lab File ID: 00336.d
Dilution: 1.0		Initial Weight/Volume: 5 mL
Date Analyzed: 12/03/2007 1829		Final Weight/Volume: 5 mL
Date Prepared: 12/03/2007 1829		

Analyte	MS % Rec.	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Styrene	97	95	82 - 122	2	30		
1,1,1,2-Tetrachloroethane	98	98	81 - 128	0	30		
1,1,2,2-Tetrachloroethane	87	87	69 - 129	0	30		
Tetrachloroethene	96	98	76 - 126	2	30		
Toluene	96	95	81 - 117	0	30		
1,1,1-Trichloroethane	101	100	76 - 127	1	30		
1,1,2-Trichloroethane	90	90	75 - 121	0	30		
Trichloroethene	95	96	84 - 115	0	30		
Trichlorofluoromethane	128	125	58 - 149	3	50		
1,2,3-Trichloropropane	97	93	70 - 130	4	30		
Vinyl acetate	113	112	10 - 217	1	30		
Vinyl chloride	97	97	59 - 144	0	50		
Xylenes, Total	96	96	84 - 118	0	30		
Surrogate							
4-Bromofluorobenzene	91	89				75 - 120	
Dibromofluoromethane	102	104				75 - 121	
Toluene-d8 (Surr)	95	94				75 - 120	

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

Client: Hercules Inc.

Job Number: 680-32249-1

Quality Control Results

Method: 8260B
Preparation: 5030B

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-92567

MS Lab Sample ID: 680-32249-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2007 1857
Date Prepared: 12/03/2007 1857
Analysis Batch: 680-92567
Prep Batch: N/A
Instrument ID: GC/MS Volatiles - O
Lab File ID: 00338.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-32249-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2007 1926
Date Prepared: 12/03/2007 1926
Analysis Batch: 680-92567
Prep Batch: N/A
Instrument ID: GC/MS Volatiles - O
Lab File ID: 00340.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	MS % Rec.	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
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Acetone	91	83	17 - 175	9	50		
Benzene	91	90	77 - 119	0	30		
Dichlorobromomethane	104	103	78 - 127	1	30		
Bromofom	107	102	62 - 133	5	30		
Bromomethane	154	158	12 - 184	2	50		
2-Butanone (MEK)	91	93	33 - 157	2	30		
Carbon disulfide	109	107	55 - 131	2	30		
Carbon tetrachloride	103	99	71 - 135	4	30		
Chlorobenzene	97	92	85 - 116	5	30		
Chloroethane	134	128	40 - 165	4	50		
Chloroform	110	110	82 - 120	0	30		
Chloromethane	101	98	48 - 142	3	50		
Chlorodibromomethane	101	101	75 - 133	0	30		
1,2-Dibromo-3-Chloropropane	88	86	49 - 140	2	30		
Ethylene Dibromide	92	89	80 - 121	3	30		
Dibromomethane	87	83	78 - 119	5	30		
Dichlorodifluoromethane	102	101	34 - 154	1	30		
1,1-Dichloroethane	110	107	74 - 127	3	30		
1,2-Dichloroethane	85	84	66 - 132	1	30		
1,1-Dichloroethene	117	112	62 - 141	4	30		
cis-1,2-Dichloroethene	110	111	69 - 134	1	30		
trans-1,2-Dichloroethene	104	101	72 - 131	3	30		
1,2-Dichloropropane	93	92	73 - 124	1	30		
cis-1,3-Dichloropropene	98	95	76 - 126	3	30		
trans-1,3-Dichloropropene	104	101	73 - 128	3	30		
Ethylbenzene	99	96	86 - 116	3	30		
2-Hexanone	81	80	34 - 161	0	30		
Methylene Chloride	105	103	70 - 125	3	30		
4-Methyl-2-pentanone (MIBK)	84	83	40 - 151	1	30		

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

Quality Control Results

Client: Hercules Inc. Job Number: 680-32249-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-92567

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 680-32249-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2007 1857
Date Prepared: 12/03/2007 1857
Analysis Batch: 680-92567
Prep Batch: N/A
Instrument ID: GC/MS Volatiles - O
Lab File ID: 00338.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-32249-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/03/2007 1926
Date Prepared: 12/03/2007 1926
Analysis Batch: 680-92567
Prep Batch: N/A
Instrument ID: GC/MS Volatiles - O
Lab File ID: 00340.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	MS % Rec.	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Styrene	98	96	82 - 122	2	30		
1,1,1,2-Tetrachloroethane	99	97	81 - 128	3	30		
1,1,2,2-Tetrachloroethane	87	83	69 - 129	5	30		
Tetrachloroethene	97	95	76 - 126	2	30		
Toluene	98	95	81 - 117	3	30		
1,1,1-Trichloroethane	103	98	76 - 127	5	30		
1,1,2-Trichloroethane	91	87	75 - 121	5	30		
Trichloroethene	97	94	84 - 115	3	30		
Trichlorofluoromethane	128	123	58 - 149	4	50		
1,2,3-Trichloropropane	96	95	70 - 130	0	30		
Vinyl acetate	110	109	10 - 217	1	30		
Vinyl chloride	98	96	59 - 144	3	50		
Xylenes, Total	97	94	84 - 118	3	30		
Surrogate							
4-Bromofluorobenzene	89	89	90			75 - 120	
Dibromofluoromethane	103	103	101			75 - 121	
Toluene-d8 (Sur)	97	97	92			75 - 120	

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Method Blank - Batch: 680-92630

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-92630/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/04/2007 0140
Date Prepared: 12/04/2007 0140
Analysis Batch: 680-92630
Prep Batch: N/A
Units: ug/L
Instrument ID: GC/MS Volatiles - B
Lab File ID: bq153.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Method Blank - Batch: 680-92630

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-92630/12	Analysis Batch: 680-92630	Instrument ID: GC/MS Volatiles - B
Client Matrix: Water	Prep Batch: N/A	Lab File ID: bq153.d
Dilution: 1.0	Units: ug/L	Initial Weight/Volume: 5 mL
Date Analyzed: 12/04/2007 0140		Final Weight/Volume: 5 mL
Date Prepared: 12/04/2007 0140		

Analyte	Result	Qual	RL
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	% Rec	Acceptance Limits	
4-Bromofluorobenzene	90	75 - 120	
Dibromofluoromethane	97	75 - 121	
Toluene-d8 (Sur)	95	75 - 120	

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

Quality Control Results

Client: Hercules Inc. Job Number: 680-32249-1

Lab Control Spike - Batch: 680-92630

Lab Sample ID: LCS 680-92630/11
 Analysis Batch: 680-92630
 Instrument ID: GC/MS Volatiles - B
 Lab File ID: bq151.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL
 Date Analyzed: 12/03/2007 2301
 Date Prepared: 12/03/2007 2301
 Dilution: 1.0
 Client Matrix: Water
 Prep Batch: N/A
 Units: ug/L

Method: 8260B
 Preparation: 5030B

Analyte Spike Amount Result % Rec. Limit Qual

Acetone	100	107	107	17 - 175	
Benzene	50.0	51.0	102	77 - 119	
Dichlorobromomethane	50.0	53.7	107	78 - 127	
Bromomethane	50.0	43.7	87	62 - 133	
Bromomethane	50.0	48.2	96	12 - 184	
2-Butanone (MEK)	100	95.3	95	33 - 157	
Carbon disulfide	50.0	43.4	87	55 - 131	
Carbon tetrachloride	50.0	52.0	104	71 - 135	
Chlorobenzene	50.0	46.0	92	85 - 116	
Chloroethane	50.0	43.3	87	40 - 165	
Chloroform	50.0	52.1	104	82 - 120	
Chloromethane	50.0	41.9	84	48 - 142	
Chlorodibromomethane	50.0	49.3	99	75 - 133	
1,2-Dibromo-3-Chloropropane	50.0	40.5	81	49 - 140	
Ethylene Dibromide	50.0	48.8	98	80 - 121	
Dibromomethane	50.0	50.1	100	78 - 119	
Dichlorodifluoromethane	50.0	50.9	102	34 - 154	
1,1-Dichloroethane	50.0	48.5	97	74 - 127	
1,2-Dichloroethane	50.0	52.0	104	66 - 132	
1,1-Dichloroethene	50.0	45.8	92	62 - 141	
cis-1,2-Dichloroethene	50.0	46.4	93	69 - 134	
trans-1,2-Dichloroethene	50.0	45.0	90	72 - 131	
1,2-Dichloropropane	50.0	49.5	99	73 - 124	
cis-1,3-Dichloropropane	50.0	50.8	102	76 - 126	
trans-1,3-Dichloropropane	50.0	50.0	100	73 - 128	
Ethylbenzene	50.0	47.9	96	86 - 116	
2-Hexanone	100	97.0	97	34 - 161	
Methylene Chloride	50.0	49.9	100	70 - 125	
4-Methyl-2-pentanone (MIBK)	100	99.0	99	40 - 151	
Styrene	50.0	45.5	91	82 - 122	
1,1,1,2-Tetrachloroethane	50.0	46.6	93	81 - 128	
1,1,2,2-Tetrachloroethane	50.0	44.3	89	69 - 129	
Tetrachloroethene	50.0	47.0	94	76 - 126	
Toluene	50.0	51.3	103	81 - 117	
1,1,1-Trichloroethane	50.0	52.1	104	76 - 127	
1,1,2-Trichloroethane	50.0	47.9	96	75 - 121	
Trichloroethene	50.0	49.6	99	84 - 115	
Trichlorofluoromethane	50.0	43.5	87	58 - 149	
1,2,3-Trichloropropane	50.0	46.3	93	70 - 130	
Vinyl acetate	100	99.1	99	10 - 217	
Vinyl chloride	50.0	42.3	85	59 - 144	

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Lab Control Spike - Batch: 680-92630

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-92630/11
Analysis Batch: 680-92630
Instrument ID: GC/MS Volatiles - B
Lab File ID: bq151.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Client Matrix: Water
Prep Batch: N/A
Units: ug/L
Date Analyzed: 12/03/2007 2301
Date Prepared: 12/03/2007 2301

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	140	93	84 - 118	
Surrogate		% Rec	Acceptance Limits		
4-Bromofluorobenzene		90		75 - 120	
Dibromofluoromethane		94		75 - 121	
Toluene-d8 (Surr)		95		75 - 120	

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Method Blank - Batch: 680-92648

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-92648/11	Client Matrix: Water	Dilution: 1.0	Date Analyzed: 12/04/2007 1332	Date Prepared: 12/04/2007 1332
Analysis Batch: 680-92648	Prep Batch: N/A	Units: ug/L		
Instrument ID: GC/MS Volatiles - B	Lab File ID: bq160.d	Initial Weight/Volume: 5 mL	Final Weight/Volume: 5 mL	

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

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Method Blank - Batch: 680-92648

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-92648/11	Analysis Batch: 680-92648	Instrument ID: GC/MS Volatiles - B
Client Matrix: Water	Prep Batch: N/A	Lab File ID: bq160.d
Dilution: 1.0	Units: ug/L	Initial Weight/Volume: 5 mL
Date Analyzed: 12/04/2007 1332		Final Weight/Volume: 5 mL
Date Prepared: 12/04/2007 1332		

Analyte	Result	Qual	RL
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	% Rec	Acceptance Limits	
4-Bromofluorobenzene	94	75 - 120	
Dibromofluoromethane	104	75 - 121	
Toluene-d8 (Sur)	92	75 - 120	

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-32249-1
 Method: 8260B
 Preparation: 5030B

Lab Control Spike/ Lab Control Spike Duplicate Recovery Report - Batch: 680-92648

LCS Lab Sample ID: LCS 680-92648/9
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 12/04/2007 1210
 Date Prepared: 12/04/2007 1210
 Analysis Batch: 680-92648
 Prep Batch: N/A
 Units: ug/L
 Instrument ID: GC/MS Volatiles - B
 Lab File ID: bq157.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

LCS Lab Sample ID: LCSD 680-92648/10
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 12/04/2007 1237
 Date Prepared: 12/04/2007 1237
 Analysis Batch: 680-92648
 Prep Batch: N/A
 Units: ug/L
 Instrument ID: GC/MS Volatiles - B
 Lab File ID: bq158.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	% Rec.	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
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Acetone	98	94	17 - 175	4	50			
Benzene	99	97	77 - 119	2	30			
Dichlorobromomethane	99	99	78 - 127	1	30			
Bromomethane	89	88	62 - 133	1	30			
Bromoform	99	97	12 - 184	24	50			
2-Butanone (MEK)	87	85	33 - 157	1	30			
Carbon disulfide	100	96	55 - 131	3	30			
Carbon tetrachloride	106	102	71 - 135	4	30			
Chlorobenzene	97	95	85 - 116	2	30			
Chloroethane	102	101	40 - 165	0	50			
Chloroform	110	110	82 - 120	0	30			
Chloromethane	91	90	48 - 142	1	50			
Chlorodibromomethane	99	98	75 - 133	1	30			
1,2-Dibromo-3-Chloropropane	74	72	49 - 140	3	30			
Ethylene Dibromide	91	93	80 - 121	1	30			
Dibromomethane	93	94	78 - 119	1	30			
Dichlorodifluoromethane	117	112	34 - 154	5	30			
1,1-Dichloroethane	102	102	74 - 127	1	30			
1,2-Dichloroethane	95	91	66 - 132	4	30			
1,2-Dichloroethene	106	105	62 - 141	2	30			
cis-1,2-Dichloroethene	102	103	69 - 134	1	30			
trans-1,2-Dichloroethene	99	99	72 - 131	0	30			
1,2-Dichloropropane	94	95	73 - 124	0	30			
cis-1,3-Dichloropropene	96	94	76 - 126	2	30			
trans-1,3-Dichloropropene	92	91	73 - 128	1	30			
Ethylbenzene	99	97	86 - 116	1	30			
2-Hexanone	83	83	34 - 161	1	30			
Methylene Chloride	105	107	70 - 125	1	30			
4-Methyl-2-pentanone (MIBK)	81	79	40 - 151	2	30			
Styrene	96	95	82 - 122	1	30			
1,1,2-Tetrachloroethane	96	96	81 - 128	0	30			
1,1,2,2-Tetrachloroethane	85	86	69 - 129	1	30			

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

Quality Control Results

Client: Hercules Inc. Job Number: 680-32249-1

Lab Control Spike/ Lab Control Spike Duplicate Recovery Report - Batch: 680-92648

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 680-92648/9
Analysis Batch: 680-92648
Instrument ID: GC/MS Volatiles - B
Lab File ID: bq157.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/04/2007 1210
Date Prepared: 12/04/2007 1210

LCS Lab Sample ID: LCSD 680-92648/10
Analysis Batch: 680-92648
Instrument ID: GC/MS Volatiles - B
Lab File ID: bq158.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/04/2007 1237
Date Prepared: 12/04/2007 1237

Analyte	LCS % Rec.	LCSD Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
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Tetrachloroethene	103	99	76 - 126	3	30	30
Toluene	99	99	81 - 117	0	30	30
1,1,1-Trichloroethane	102	97	76 - 127	5	30	30
1,1,2-Trichloroethane	91	89	75 - 121	3	30	30
Trichloroethene	97	95	84 - 115	2	30	30
Trichlorofluoromethane	101	98	58 - 149	3	50	50
1,2,3-Trichloropropane	86	88	70 - 130	2	30	30
Vinyl acetate	98	98	10 - 217	1	30	30
Vinyl chloride	97	93	59 - 144	3	50	50
Xylenes, Total	98	96	84 - 118	2	30	30
Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits			
4-Bromofluorobenzene	91	92	75 - 120		75 - 120	
Dibromofluoromethane	102	101	75 - 121		75 - 121	
Toluene-d8 (Surr)	95	93	75 - 120		75 - 120	

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

Quality Control Results

Client: Hercules Inc. Job Number: 680-32249-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-92648
Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 680-32249-12
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 12/04/2007 1928
 Date Prepared: 12/04/2007 1928
 Analysis Batch: 680-92648
 Prep Batch: N/A
 Instrument ID: GC/MS Volatiles - B
 Lab File ID: b0467.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-32249-12
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 12/04/2007 1955
 Date Prepared: 12/04/2007 1955
 Analysis Batch: 680-92648
 Prep Batch: N/A
 Instrument ID: GC/MS Volatiles - B
 Lab File ID: b0468.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	MS % Rec.	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
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Acetone	41	40	17 - 175	2	50	30	50
Benzene	94	97	77 - 119	3	30	30	30
Dichlorobromomethane	97	98	78 - 127	2	30	30	30
Bromofom	84	85	62 - 133	1	30	30	30
Bromomethane	82	93	12 - 184	13	50	50	50
2-Butanone (MEK)	55	55	33 - 157	2	30	30	30
Carbon disulfide	98	98	55 - 131	0	30	30	30
Carbon tetrachloride	104	104	71 - 135	0	30	30	30
Chlorobenzene	96	95	85 - 116	0	30	30	30
Chloroethane	92	94	40 - 165	2	50	50	50
Chloroform	108	105	82 - 120	2	30	30	30
Chloromethane	73	74	48 - 142	1	50	50	50
Chlorodibromomethane	98	98	75 - 133	0	30	30	30
1,2-Dibromo-3-Chloropropane	69	71	49 - 140	3	30	30	30
Ethylene Dibromide	91	93	80 - 121	2	30	30	30
Dibromomethane	90	90	78 - 119	1	30	30	30
Dichlorodifluoromethane	90	90	34 - 154	0	30	30	30
1,1-Dichloroethane	100	100	74 - 127	0	30	30	30
1,2-Dichloroethane	89	90	66 - 132	1	30	30	30
1,1-Dichloroethene	103	102	62 - 141	1	30	30	30
cis-1,2-Dichloroethene	97	99	69 - 134	1	30	30	30
trans-1,2-Dichloroethene	103	101	72 - 131	2	30	30	30
1,2-Dichloropropane	92	94	73 - 124	2	30	30	30
cis-1,3-Dichloropropene	92	94	76 - 126	2	30	30	30
trans-1,3-Dichloropropene	91	90	73 - 128	0	30	30	30
Ethylbenzene	100	102	86 - 116	2	30	30	30
2-Hexanone	59	60	34 - 161	2	30	30	30
Methylene Chloride	104	100	70 - 125	4	30	30	30
4-Methyl-2-pentanone (MIBK)	71	73	40 - 151	3	30	30	30

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Method: 8260B
Preparation: 5030B

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-92648

Instrument ID: GC/MS Volatiles - B
Lab File ID: b0467.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MS Lab Sample ID: 680-32249-12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/04/2007 1928
Date Prepared: 12/04/2007 1928

Instrument ID: GC/MS Volatiles - B
Lab File ID: b0468.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-32249-12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/04/2007 1955
Date Prepared: 12/04/2007 1955

Analyte	MS % Rec.	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
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Styrene	95	97	82 - 122	2	30		
1,1,1,2-Tetrachloroethane	97	97	81 - 128	1	30		
1,1,2,2-Tetrachloroethane	88	88	69 - 129	0	30		
Tetrachloroethene	104	103	76 - 126	1	30		
Toluene	99	102	81 - 117	3	30		
1,1,1-Trichloroethane	101	101	76 - 127	0	30		
1,1,2-Trichloroethane	89	91	75 - 121	3	30		
Trichloroethene	97	98	84 - 115	2	30		
Trichlorofluoromethane	97	97	58 - 149	1	50		
1,2,3-Trichloropropane	86	86	70 - 130	1	30		
Vinyl acetate	86	85	10 - 217	1	30		
Vinyl chloride	85	85	59 - 144	0	50		
Xylenes, Total	99	100	84 - 118	1	30		
Surrogate							
4-Bromofluorobenzene	94	94	95			75 - 120	
Dibromofluoromethane	105	105	105			75 - 121	
Toluene-d8 (Surr)	94	96	96			75 - 120	

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Method Blank - Batch: 680-92858

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-92858/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/06/2007 1203
Date Prepared: 12/06/2007 1203
Analysis Batch: 680-92858
Prep Batch: N/A
Units: ug/L
Instrument ID: GC/MS Volatiles - B
Lab File ID: bq187.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Method Blank - Batch: 680-92858

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-92858/9	Analysis Batch: 680-92858	Instrument ID: GC/MS Volatiles - B
Client Matrix: Water	Prep Batch: N/A	Lab File ID: bq187.d
Dilution: 1.0	Units: ug/L	Initial Weight/Volume: 5 mL
Date Analyzed: 12/06/2007 1203		Final Weight/Volume: 5 mL
Date Prepared: 12/06/2007 1203		

Analyte	Result	Qual	RL
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	% Rec	Acceptance Limits	
4-Bromofluorobenzene	92	75 - 120	
Dibromofluoromethane	103	75 - 121	
Toluene-d8 (Surr)	94	75 - 120	

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

Quality Control Results

Client: Hercules Inc. Job Number: 680-32249-1

Lab Control Spike - Batch: 680-92858

Lab Sample ID: LCS 680-92858/8
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 12/06/2007 1109
 Date Prepared: 12/06/2007 1109
 Analysis Batch: 680-92858
 Instrument ID: GC/MS Volatiles - B
 Lab File ID: bq185.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Method: 8260B
 Preparation: 5030B

Analyle Spike Amount Result % Rec. Limit Qual

Acetone	100	97.6	98	17 - 175	
Benzene	50.0	49.3	99	77 - 119	
Dichlorobromomethane	50.0	49.2	98	78 - 127	
Bromomethane	50.0	54.0	108	62 - 133	
Bromomethane	50.0	31.5	63	12 - 184	
2-Butanone (MEK)	100	93.6	94	33 - 157	
Carbon disulfide	50.0	50.0	100	55 - 131	
Carbon tetrachloride	50.0	50.7	101	71 - 135	
Chlorobenzene	50.0	50.5	101	85 - 116	
Chloroethane	50.0	50.0	100	40 - 165	
Chloroform	50.0	50.8	102	82 - 120	
Chloromethane	50.0	48.8	98	48 - 142	
Chlorodibromomethane	50.0	52.0	104	75 - 133	
1,2-Dibromo-3-Chloropropane	50.0	46.7	93	49 - 140	
Ethylene Dibromide	50.0	50.6	101	80 - 121	
Dibromomethane	50.0	47.9	96	78 - 119	
Dichlorodifluoromethane	50.0	52.2	104	34 - 154	
1,1-Dichloroethane	50.0	49.2	98	74 - 127	
1,2-Dichloroethane	50.0	47.8	96	66 - 132	
1,1-Dichloroethene	50.0	50.5	101	62 - 141	
cis-1,2-Dichloroethene	50.0	50.3	101	69 - 134	
trans-1,2-Dichloroethene	50.0	51.4	103	72 - 131	
1,2-Dichloropropane	50.0	48.6	97	73 - 124	
cis-1,3-Dichloropropene	50.0	51.1	102	76 - 126	
trans-1,3-Dichloropropene	50.0	50.8	102	73 - 128	
Ethylbenzene	50.0	52.5	105	86 - 116	
2-Hexanone	100	87.7	88	34 - 161	
Methylene Chloride	50.0	48.8	98	70 - 125	
4-Methyl-2-pentanone (MIBK)	100	93.9	94	40 - 151	
Styrene	50.0	54.1	108	82 - 122	
1,1,1,2-Tetrachloroethane	50.0	51.3	103	81 - 128	
1,1,2,2-Tetrachloroethane	50.0	51.4	103	69 - 129	
Tetrachloroethene	50.0	53.1	106	76 - 126	
Toluene	50.0	50.7	101	81 - 117	
1,1,1-Trichloroethane	50.0	48.8	98	76 - 127	
1,1,2-Trichloroethane	50.0	49.6	99	75 - 121	
Trichloroethene	50.0	50.3	101	84 - 115	
Trichlorofluoromethane	50.0	52.0	104	58 - 149	
1,2,3-Trichloropropane	50.0	50.8	102	70 - 130	
Vinyl acetate	100	107	107	10 - 217	
Vinyl chloride	50.0	51.4	103	59 - 144	

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Lab Control Spike - Batch: 680-92858

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-92858/8	Analysis Batch: 680-92858	Instrument ID: GC/MS Volatiles - B
Client Matrix: Water	Prep Batch: N/A	Lab File ID: bq185.d
Dilution: 1.0	Units: ug/L	Initial Weight/Volume: 5 mL
Date Analyzed: 12/06/2007 1109		Final Weight/Volume: 5 mL
Date Prepared: 12/06/2007 1109		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	150	157	105	84 - 118	
Surrogate		% Rec		Acceptance Limits	

4-Bromofluorobenzene
Dibromofluoromethane
Toluene-d8 (Surr)

100
101
94

75 - 120
75 - 121
75 - 120

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Method Blank - Batch: 680-92984

Method: 8260B
Preparation: 5030A

Lab Sample ID: MB 680-92984/5	Analysis Batch: 680-92984	Instrument ID: GC/MS Volatiles - L
Client Matrix: Solid	Prep Batch: N/A	Lab File ID: lg306.d
Dilution: 40	Units: ug/Kg	Initial Weight/Volume: 5 g
Date Analyzed: 12/07/2007 1351		Final Weight/Volume: 5 mL
Date Prepared: 12/07/2007 1351		

Analyte	Result	Qual	RL
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Acetone	<2000		2000
Acetonitrile	<8000		8000
Acrolein	<4000		4000
Acrylonitrile	<4000		4000
Benzene	<200		200
Bromodichloromethane	<200		200
Bromoform	<200		200
Bromomethane	<200		200
2-Butanone	<1000		1000
Carbon disulfide	<200		200
Carbon tetrachloride	<200		200
Chlorobenzene	<200		200
Chloroethane	<200		200
Chloroform	<200		200
Chloromethane	<200		200
Chloroprene	<200		200
3-Chloro-1-propene	<200		200
Dibromochloromethane	<200		200
1,2-Dibromo-3-chloropropane	<400		400
1,2-Dibromomethane	<200		200
Dibromomethane	<200		200
trans-1,4-Dichloro-2-butene	<400		400
Dichlorodifluoromethane	<200		200
1,1-Dichloroethane	<200		200
1,2-Dichloroethane	<200		200
1,1-Dichloroethene	<200		200
cis-1,2-Dichloroethene	<200		200
trans-1,2-Dichloroethene	<200		200
1,2-Dichloropropane	<200		200
cis-1,3-Dichloropropene	<200		200
trans-1,3-Dichloropropene	<200		200
Ethylbenzene	<200		200
Ethyl methacrylate	<200		200
2-Hexanone	<1000		1000
Iodomethane	<200		200
Isobutanol	<8000		8000
Methacrylonitrile	<4000		4000
Methylene Chloride	<200		200
Methyl methacrylate	<200		200
4-Methyl-2-pentanone	<1000		1000
Pentachloroethane	<1000		1000

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

Quality Control Results

Client: Hercules Inc.

Job Number: 680-32249-1

Method Blank - Batch: 680-92984

Lab Sample ID: MB 680-92984/5
 Client Matrix: Solid
 Dilution: 40
 Date Analyzed: 12/07/2007 1351
 Date Prepared: 12/07/2007 1351
 Analysis Batch: 680-92984
 Prep Batch: N/A
 Units: ug/Kg
 Instrument ID: GC/MS Volatiles - L
 Lab File ID: lq306.d
 Initial Weight/Volume: 5 g
 Final Weight/Volume: 5 mL

Method: 8260B
 Preparation: 5030A

Analyte	Result	Qual	RL
Propionitrile	<4000		4000
Styrene	<200		200
1,1,1,2-Tetrachloroethane	<200		200
1,1,2,2-Tetrachloroethane	<200		200
Tetrachloroethene	<200		200
Toluene	<200		200
1,1,1-Trichloroethane	<200		200
1,1,2-Trichloroethane	<200		200
Trichloroethene	<200		200
Trichlorofluoromethane	<200		200
1,2,3-Trichloropropane	<200		200
Vinyl acetate	<400		400
Vinyl chloride	<200		200
Xylenes, Total	<400		400
Surrogate	% Rec	Acceptance Limits	
4-Bromofluorobenzene	73	65 - 124	
Dibromofluoromethane	89	65 - 124	
Toluene-d8 (Surr)	75	65 - 132	

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Lab Control Spike - Batch: 680-92984

Method: 8260B
Preparation: 5030A

Lab Sample ID: LCS 680-92984/3
Analysis Batch: 680-92984
Instrument ID: GC/MS Volatiles - L
Lab File ID: lg304.d
Client Matrix: Solid
Prep Batch: N/A
Dilution: 40
Date Analyzed: 12/07/2007 1226
Units: ug/Kg
Date Prepared: 12/07/2007 1226
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
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Acetone	5000	7140	143	16 - 202	
Benzene	2500	2530	101	63 - 130	
Bromodichloromethane	2500	2410	96	64 - 137	
Bromoform	2500	2550	102	66 - 127	
Bromomethane	2500	2410	97	54 - 146	
2-Butanone	5000	7630	153	19 - 192	
Carbon disulfide	2500	2840	114	46 - 134	
Carbon tetrachloride	2500	2160	87	60 - 136	
Chlorobenzene	2500	2510	100	77 - 120	
Chloroethane	2500	2530	101	26 - 166	
Chloroform	2500	2900	116	68 - 127	
Chloromethane	2500	2740	109	46 - 137	
Dibromochloromethane	2500	2470	99	70 - 126	
1,2-Dibromo-3-Chloropropane	2500	2450	98	62 - 140	
1,2-Dibromomethane	2500	2450	98	61 - 138	
Dibromomethane	2500	2360	94	61 - 138	
Dichlorodifluoromethane	2500	1700	68	17 - 163	
1,1-Dichloroethane	2500	2880	115	65 - 130	
1,2-Dichloroethane	2500	2070	83	62 - 140	
1,1-Dichloroethene	2500	2830	113	59 - 137	
cis-1,2-Dichloroethene	2500	2970	119	58 - 143	
trans-1,2-Dichloroethene	2500	2890	115	66 - 127	
1,2-Dichloropropane	2500	2430	97	66 - 135	
cis-1,3-Dichloropropene	2500	2610	104	66 - 137	
trans-1,3-Dichloropropene	2500	2520	101	64 - 138	
Ethylbenzene	2500	2490	100	77 - 121	
2-Hexanone	5000	6070	121	47 - 151	
Methylene Chloride	2500	3000	120	65 - 126	
4-Methyl-2-pentanone	5000	5620	112	50 - 148	
Styrene	2500	2620	105	75 - 123	
1,1,1,2-Tetrachloroethane	2500	2450	98	72 - 124	
1,1,2,2-Tetrachloroethane	2500	2580	103	65 - 130	
Tetrachloroethene	2500	2460	98	76 - 120	
Toluene	2500	2590	103	67 - 132	
1,1,1-Trichloroethane	2500	2200	88	56 - 140	
1,1,2-Trichloroethane	2500	2540	102	62 - 138	
Trichloroethene	2500	2530	101	68 - 133	
Trichlorofluoromethane	2500	2320	93	33 - 152	
1,2,3-Trichloropropane	2500	2460	98	65 - 132	
Vinyl acetate	5000	6780	136	10 - 254	
Vinyl chloride	2500	2620	105	56 - 139	

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

Quality Control Results

Client: Hercules Inc

Job Number: 680-32249-1

Lab Control Spike - Batch: 680-92984

Method: 8260B
Preparation: 5030A

Lab Sample ID: LCS 680-92984/3	Analysis Batch: 680-92984	Instrument ID: GC/MS Volatiles - L
Client Matrix: Solid	Prep Batch: N/A	Lab File ID: lg304.d
Dilution: 40	Units: ug/Kg	Initial Weight/Volume: 5 g
Date Analyzed: 12/07/2007 1226		Final Weight/Volume: 5 mL
Date Prepared: 12/07/2007 1226		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Xylenes, Total	7500	7840	105	76 - 122	
Surrogate		% Rec	Acceptance Limits		
4-Bromofluorobenzene		94		65 - 124	
Dibromofluoromethane		107		65 - 124	
Toluene-d8 (Surr)		99		65 - 132	

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Method Blank - Batch: 680-92817

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-92817/6-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/10/2007 1254
Date Prepared: 12/06/2007 1534
Analysis Batch: 680-93126
Prep Batch: 680-92817
Units: ug/Kg
Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: 14246.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	Result	Qual	RL
Acenaphthene	<330		330
Thionazin	<330		330
Sulfotep	<330		330
Pyridine	<330		330
1,1'-Biphenyl	<330		330
1,2,4,5-Tetrachlorobenzene	<330		330
1,2,4-Trichlorobenzene	<330		330
1,2-Dichlorobenzene	<330		330
1,3,5-Trinitrobenzene	<330		330
1,3-Dichlorobenzene	<330		330
1,3-Dinitrobenzene	<330		330
1,4-Dichlorobenzene	<330		330
1,4-Dioxane	<330		330
1,4-Naphthoquinone	<330		330
1-Naphthylamine	<330		330
2,3,4,6-Tetrachlorophenol	<330		330
2,4,5-Trichlorophenol	<330		330
2,4,6-Trichlorophenol	<330		330
2,4-Dichlorophenol	<330		330
2,4-Dimethylphenol	<330		330
2,4-Dinitrophenol	<1700		1700
2,4-Dinitrotoluene	<330		330
2,6-Dichlorophenol	<330		330
Dimethyl phthalate	<330		330
2,6-Dinitrotoluene	<330		330
2-Acetylaminofluorene	<330		330
2-Chlorophenol	<330		330
2-Chloronaphthalene	<330		330
2-Methylnaphthalene	<330		330
2-Methylphenol	<330		330
2-Naphthylamine	<330		330
2-Nitroaniline	<1700		1700
2-Nitrophenol	<330		330
2-Picoline	<330		330
2-Toluidine	<330		330
3 & 4 Methylphenol	<330		330
3,3'-Dichlorobenzidine	<660		660
3,3'-Dimethylbenzidine	<1700		1700
3-Methylcholanthrene	<330		330
3-Nitroaniline	<1700		1700
4,6-Dinitro-2-methylphenol	<1700		1700

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

Quality Control Results

Client: Hercules Inc. Job Number: 680-32249-1

Method Blank - Batch: 680-92817

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-92817/6-A	Analysis Batch: 680-93126	Instrument ID: GC/MS SemiVolatiles - T
Client Matrix: Solid	Prep Batch: 680-92817	Lab File ID: 14246.d
Dilution: 1.0	Units: ug/Kg	Initial Weight/Volume: 30.01 g
Date Analyzed: 12/10/2007 1254		Final Weight/Volume: 1.0 mL
Date Prepared: 12/06/2007 1534		Injection Volume: 1 uL

Analyte	Result	Qual	RL
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4-Aminobiphenyl	<330		330
4-Bromophenyl phenyl ether	<330		330
4-Chloro-3-methylphenol	<330		330
4-Chloroaniline	<660		660
4-Chlorophenyl phenyl ether	<330		330
4-Nitroaniline	<1700		1700
4-Nitrophenol	<1700		1700
4-Nitroquinoline-1-oxide	<3300		3300
7,12-Dimethylbenz(a)anthracene	<330		330
Acenaphthylene	<330		330
Acetophenone	<330		330
alpha,alpha-Dimethyl phenethylamine	<67000		67000
Aniline	<660		660
Anthracene	<330		330
Aramite, Total	<330		330
Benzo[a]anthracene	<330		330
Benzo[a]pyrene	<330		330
Benzo[b]fluoranthene	<330		330
Benzo[g,h,i]perylene	<330		330
Benzo[k]fluoranthene	<330		330
Benzyl alcohol	<330		330
Bis(2-chloroethoxy)methane	<330		330
Bis(2-chloroethyl)ether	<330		330
Bis(2-ethylhexyl) phthalate	<330		330
Chrysene	<330		330
Dibenz(a,h)anthracene	<330		330
Dibenzofuran	<330		330
Di-n-butyl phthalate	<330		330
Diethyl phthalate	<330		330
p-Dimethylamino azobenzene	<330		330
Dinoseb	<330		330
Di-n-octyl phthalate	<330		330
Ethyl methanesulfonate	<330		330
Fluoranthene	<330		330
Fluorene	<330		330
Hexachlorobenzene	<330		330
Hexachlorobutadiene	<330		330
Hexachlorocyclopentadiene	<330		330
Hexachloroethane	<330		330
Hexachlorophene	<170000		170000

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Method Blank - Batch: 680-92817

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-92817/6-A	Analysis Batch: 680-93126	Instrument ID: GC/MS SemiVolatiles - T
Client Matrix: Solid	Prep Batch: 680-92817	Lab File ID: 14246.d
Dilution: 1.0	Units: ug/Kg	Initial Weight/Volume: 30.01 g
Date Analyzed: 12/10/2007 1254		Final Weight/Volume: 1.0 mL
Date Prepared: 12/06/2007 1534		Injection Volume: 1 uL

Analyte	Result	Qual	RL
---------	--------	------	----

Hexachloropropene	<330		330
Indeno[1,2,3-cd]pyrene	<330		330
Isophorone	<330		330
Isosafrole	<330		330
Methapyrene	<67000		67000
Methyl methanesulfonate	<330		330
Naphthalene	<330		330
Nitrobenzene	<330		330
N-Nitrosodi-n-butylamine	<330		330
N-Nitrosodimethylamine	<330		330
N-Nitrosodiphenylamine	<330		330
N-Nitrosodi-n-propylamine	<330		330
N-Nitrosomethylethylamine	<330		330
N-Nitrosomorpholine	<330		330
N-Nitrosopiperidine	<330		330
N-Nitrosopyrrolidine	<330		330
N-Nitro-o-toluidine	<330		330
Pentachlorobenzene	<330		330
Pentachloronitrobenzene	<330		330
Pentachlorophenol	<1700		1700
Phenacetin	<330		330
Phenanthrene	<330		330
Phenol	<330		330
p-Phenylene diamine	<1700		1700
Pronamide	<330		330
Pyrene	<330		330
Safrole, Total	<330		330
o,o',o"-Triethyphosphorothioate	<330		330
Disulfoton	<330		330
Ethyl Parathion	<330		330
Methyl parathion	<330		330
Phorate	<330		330
Famphur	<330		330
Dimethoate	<330		330
Butyl benzyi phthalate	<330		330
bis(chloroisopropyl) ether	<330		330

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol	92	36 - 128
2-Fluorobiphenyl	81	44 - 110

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

Quality Control Results

Client: Hercules Inc. Job Number: 680-32249-1

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	76	41 - 110
Terphenyl-d14	102	10 - 112
Phenol-d5	81	43 - 110
Nitrobenzene-d5	81	36 - 110

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

Quality Control Results

Client: Hercules Inc. Job Number: 680-32249-1

Lab Control Spike - Batch: 680-92817

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-928177-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/10/2007 1316
Date Prepared: 12/06/2007 1534
Analysis Batch: 680-93126
Prep Batch: 680-92817
Units: ug/Kg
Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: 14247.d
Initial Weight/Volume: 30.11 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte Spike Amount Result % Rec. Limit Qual

Acenaphthene	3320	2560	77	44 - 110	
Pyridine	3320	1130	34	10 - 110	
1,2,4-Trichlorobenzene	3320	2350	71	42 - 110	
1,2-Dichlorobenzene	3320	2310	70	40 - 110	
1,3-Dichlorobenzene	3320	2110	64	37 - 110	
1,4-Dichlorobenzene	3320	2200	66	38 - 110	
1,4-Dioxane	3320	423	13	10 - 110	
2,4,5-Trichlorophenol	3320	2880	87	48 - 110	
2,4,6-Trichlorophenol	3320	2810	85	46 - 110	
2,4-Dichlorophenol	3320	2720	82	46 - 110	
2,4-Dimethylphenol	3320	2490	75	44 - 110	
2,4-Dinitrophenol	3320	2550	77	10 - 119	
2,4-Dinitrotoluene	3320	3200	96	46 - 116	
Dimethyl phthalate	3320	2890	87	48 - 110	
2,6-Dinitrotoluene	3320	3400	102	45 - 118	
2-Chlorophenol	3320	2580	78	44 - 110	
2-Chloronaphthalene	3320	2580	78	46 - 110	
2-Methylnaphthalene	3320	2550	77	45 - 110	
2-Methylphenol	3320	2590	78	44 - 110	
2-Nitroaniline	3320	3120	94	42 - 110	
2-Nitrophenol	3320	2960	89	38 - 110	
3 & 4 Methylphenol	3320	2720	82	43 - 110	
3,3'-Dichlorobenzidine	3320	2520	76	27 - 110	
3-Nitroaniline	3320	2800	84	30 - 110	
4,6-Dinitro-2-methylphenol	3320	3030	91	10 - 126	
4-Bromophenyl phenyl ether	3320	2520	76	43 - 110	
4-Chloro-3-methylphenol	3320	2960	89	46 - 110	
4-Chloroaniline	3320	2000	60	21 - 110	
4-Chlorophenyl phenyl ether	3320	2690	81	47 - 110	
4-Nitroaniline	3320	2790	84	32 - 117	
4-Nitrophenol	3320	2910	87	30 - 119	
Acenaphthylene	3320	2760	83	49 - 110	
Aniline	3320	1800	54	10 - 110	
Anthracene	3320	2810	85	52 - 110	
Benzo[a]anthracene	3320	3010	90	53 - 113	
Benzo[a]pyrene	3320	2820	85	51 - 115	
Benzo[b]fluoranthene	3320	2940	89	45 - 119	
Benzo[g,h,i]perylene	3320	2900	87	49 - 116	
Benzo[k]fluoranthene	3320	2810	85	50 - 115	
Benzyl alcohol	3320	2630	79	38 - 110	
Bis(2-chloroethoxy)methane	3320	2620	79	46 - 110	

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

Quality Control Results

Client: Hercules Inc. Job Number: 680-32249-1

Lab Control Spike - Batch: 680-92817

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-928177-A
Analysis Batch: 680-93126
Prep Batch: 680-92817
Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/10/2007 1316
Date Prepared: 12/06/2007 1534
Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: 14247.d
Initial Weight/Volume: 30.11 g
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte Spike Amount Result % Rec. Limit Qual

Bis(2-chloroethyl)ether	3320	2220	67	39 - 110
Bis(2-ethylhexyl) phthalate	3320	3220	97	51 - 120
Chrysene	3320	2990	90	54 - 115
Dibenz(a,h)anthracene	3320	2920	88	50 - 115
Dibenzofuran	3320	2610	79	48 - 110
Di-n-butyl phthalate	3320	2990	90	49 - 115
Diethyl phthalate	3320	2970	89	47 - 110
Di-n-octyl phthalate	3320	3200	96	49 - 122
Fluoranthene	3320	2910	88	48 - 116
Fluorene	3320	2730	82	48 - 110
Hexachlorobenzene	3320	2910	88	50 - 110
Hexachlorobutadiene	3320	2620	79	44 - 110
Hexachlorocyclopentadiene	3320	2800	84	26 - 110
Hexachloroethane	3320	2260	68	36 - 110
Indeno[1,2,3-cd]pyrene	3320	2990	90	45 - 128
Isophorone	3320	2490	75	44 - 110
Naphthalene	3320	2420	73	44 - 110
Nitrobenzene	3320	2520	76	41 - 110
N-Nitrosodimethylamine	3320	2090	63	26 - 110
N-Nitrosodiphenylamine	3320	2900	87	53 - 110
N-Nitrosodi-n-propylamine	3320	2650	80	41 - 110
Pentachlorophenol	3320	2630	79	28 - 117
Phenanthrene	3320	2820	85	51 - 110
Phenol	3320	2750	83	41 - 110
Pyrene	3320	2990	90	54 - 112
Butyl benzyl phthalate	3320	3350	101	54 - 124
bis(chloroisopropyl) ether	3320	2230	67	31 - 110
Surrogate		% Rec	Acceptance Limits	
2,4,6-Tribromophenol	99			36 - 128
2-Fluorobiphenyl	84			44 - 110
2-Fluorophenol	79			41 - 110
Terphenyl-d14	99			10 - 112
Phenol-d5	90			43 - 110
Nitrobenzene-d5	82			36 - 110

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Method Blank - Batch: 680-92308

Method: 8081A_8082
Preparation: 3550B

Lab Sample ID: MB 680-92308/6-A	Analysis Batch: 680-92578	Instrument ID: GC SemiVolatiles - M
Client Matrix: Solid	Prep Batch: 680-92308	Lab File ID: m103010.d
Dilution: 1.0	Units: ug/Kg	Initial Weight/Volume: 30.03 g
Date Analyzed: 12/03/2007 1217		Final Weight/Volume: 10 mL
Date Prepared: 11/30/2007 1149		Injection Volume: 2 uL
		Column ID: PRIMARY

Analyte	Result	Qual	RL
Aldrin	<1.7		1.7
alpha-BHC	<1.7		1.7
beta-BHC	<1.7		1.7
Chlordane (technical)	<1.7		1.7
Chlorobenzilate	<1.7		1.7
4,4'-DDD	<3.3		3.3
4,4'-DDE	<3.3		3.3
4,4'-DDT	<3.3		3.3
delta-BHC	<1.7		1.7
Dieldrin	<3.3		3.3
Endosulfan I	<1.7		1.7
Endosulfan II	<3.3		3.3
Endosulfan sulfate	<3.3		3.3
Endrin	<3.3		3.3
Endrin aldehyde	<3.3		3.3
Endrin ketone	<3.3		3.3
gamma-BHC (Lindane)	<1.7		1.7
Heptachlor	<1.7		1.7
Heptachlor epoxide	<1.7		1.7
Isodrin	<3.3		3.3
Kepone	<1.70		1.70
Methoxychlor	<1.7		1.7
Toxaphene	<1.70		1.70
Surrogate	% Rec	Acceptance Limits	
DCB Decachlorobiphenyl	110	50 - 129	
Tetrachloro-m-xylene	93	26 - 140	

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

Quality Control Results

Client: Hercules Inc. Job Number: 680-32249-1

Lab Control Spike - Batch: 680-92308

Method: 8081A_8082
Preparation: 3550B

Lab Sample ID: LCS 680-92308/10-A
Analysis Batch: 680-92578
Prep Batch: 680-92308
Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/03/2007 1256
Date Prepared: 11/30/2007 1149
Instrument ID: GC SemiVolatiles - M
Lab File ID: ml03012.d
Initial Weight/Volume: 30.03 g
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte Spike Amount Result % Rec. Limit Qual

Aldrin	3.43	2.31	67	29 - 116	
alpha-BHC	3.56	2.60	73	24 - 118	
beta-BHC	3.63	3.02	83	30 - 161	
4,4'-DDD	6.53	5.86	90	34 - 162	
4,4'-DDE	6.79	5.22	77	25 - 136	
4,4'-DDT	6.66	6.31	95	14 - 134	
delta-BHC	3.50	2.53	72	21 - 120	
Dieldrin	6.66	5.56	83	41 - 128	
Endosulfan I	3.33	2.85	86	30 - 133	
Endosulfan II	6.66	5.56	83	25 - 130	
Endosulfan sulfate	6.76	6.04	89	42 - 118	
Endrin	6.76	6.28	93	30 - 135	
Endrin aldehyde	6.69	7.52	112	31 - 115	
Endrin ketone	6.69	7.04	105	43 - 132	
gamma-BHC (Lindane)	3.33	2.63	79	30 - 121	
Heptachlor	3.33	2.53	76	32 - 130	
Heptachlor epoxide	3.33	2.85	86	30 - 123	
Methoxychlor	6.69	7.85	117	10 - 188	
Surrogate		% Rec		Acceptance Limits	
DCB Decachlorobiphenyl	100			50 - 129	
Tetrachloro-m-xylene	76			26 - 140	

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

Quality Control Results

Client: Hercules Inc. Job Number: 680-32249-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-92308

Method: 8081A_8082
Preparation: 3550B

MS Lab Sample ID: 680-32249-30 Analysis Batch: 680-92578 Prep Batch: 680-92308
Client Matrix: Solid Dilution: 10
Date Analyzed: 12/03/2007 1335 Date Prepared: 11/30/2007 1149

Instrument ID: GC SemiVolatiles - M Lab File ID: m103014.d
Initial Weight/Volume: 15.20 g
Final Weight/Volume: 5 mL
Injection Volume: 2 uL
Column ID: PRIMARY

MSD Lab Sample ID: 680-32249-30 Analysis Batch: 680-92578 Prep Batch: 680-92308
Client Matrix: Solid Dilution: 10
Date Analyzed: 12/03/2007 1355 Date Prepared: 11/30/2007 1149

Instrument ID: GC SemiVolatiles - M Lab File ID: m103015.d
Initial Weight/Volume: 15.22 g
Final Weight/Volume: 5 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	MS % Rec.	MSD Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aldrin	0	29 - 116	NC	50	F	F
alpha-BHC	0	24 - 118	NC	50	F	F
beta-BHC	0	30 - 161	NC	50	F	F
4,4'-DDD	0	34 - 162	NC	50	F	F
4,4'-DDE	-262	25 - 136			F	
4,4'-DDT	0	14 - 134	NC	50	F	F
delta-BHC	149	21 - 120			4	
Dieldrin	0	41 - 128	NC	50	F	F
Endosulfan I	0	30 - 133	NC	50	F	F
Endosulfan II	0	25 - 130	NC	50	F	F
Endosulfan sulfate	0	42 - 118	NC	50	F	F
Endrin	0	30 - 135	NC	50	F	F
Endrin aldehyde	0	31 - 115	NC	50	F	F
Endrin ketone	0	43 - 132	NC	50	F	F
gamma-BHC (Lindane)	0	30 - 121	NC	50	F	F
Heptachlor	0	32 - 130	NC	50	F	F
Heptachlor epoxide	0	30 - 123	NC	50	F	F
Methoxychlor	0	10 - 188	NC	50	F	F
Surrogate	MS % Rec	MSD % Rec		Acceptance Limits		
DCB Decachlorobiphenyl	0	D	0	D	50 - 129	
Tetrachloro-m-xylene	0	D	0	D	26 - 140	

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

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

Method Blank - Batch: 680-92620

Method: 8151A
Preparation: 8151A

Lab Sample ID: MB 680-92620/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/08/2007 0949
Date Prepared: 12/04/2007 1339
Analysis Batch: 680-93032
Prep Batch: 680-92620
Units: ug/Kg
Instrument ID: GC SemiVolatiles - S
Lab File ID: s108006.d
Initial Weight/Volume: 30.0 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual
2,4,5-T	<8.3	RL

Surrogate	2,4-D	Silvex (2,4,5-TP)	% Rec	Acceptance Limits	58 - 110
2,4,5-T	<8.3	<8.3			8.3
2,4-D	<8.3	<8.3			8.3
Silvex (2,4,5-TP)	<8.3	<8.3			8.3
2,4-Dichlorophenylacetic acid	83				58 - 110

Lab Control Spike - Batch: 680-92620

Method: 8151A
Preparation: 8151A

Lab Sample ID: LCS 680-92620/4-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 12/08/2007 1010
Date Prepared: 12/04/2007 1339
Analysis Batch: 680-93032
Prep Batch: 680-92620
Units: ug/Kg
Instrument ID: GC SemiVolatiles - S
Lab File ID: s108007.d
Initial Weight/Volume: 30.0 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2,4,5-T	66.7	57.4	86	52 - 113	

Surrogate	2,4-D	Silvex (2,4,5-TP)	% Rec	Acceptance Limits	58 - 110
2,4,5-T	66.7	57.4	86	52 - 113	
2,4-D	66.7	55.7	84	55 - 112	
Silvex (2,4,5-TP)	66.7	60.5	91	52 - 110	
2,4-Dichlorophenylacetic acid	101				

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

Quality Control Results

Client: Hercules Inc. Job Number: 680-32249-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 680-92620

Method: 8151A
Preparation: 8151A

MS Lab Sample ID: 680-32249-31 Analysis Batch: 680-93032 Prep Batch: 680-92620 Instrument ID: GC SemiVolatiles - S

Client Matrix: Solid Dilution: 1.0 Date Analyzed: 12/08/2007 1112 Date Prepared: 12/04/2007 1339 Initial Weight/Volume: 30.1 g Final Weight/Volume: 10 mL Injection Volume: 1 uL Column ID: PRIMARY

MSD Lab Sample ID: 680-32249-31 Analysis Batch: 680-93032 Prep Batch: 680-92620 Instrument ID: GC SemiVolatiles - S

Client Matrix: Solid Dilution: 1.0 Date Analyzed: 12/08/2007 1133 Date Prepared: 12/04/2007 1339 Initial Weight/Volume: 30.1 g Final Weight/Volume: 10 mL Injection Volume: 1 uL Column ID: PRIMARY

Analyte	MS % Rec.	MSD Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,4,5-T	99	92	52 - 113	7	50	50
2,4-D	71	105	55 - 112	39	50	50
Silvex (2,4,5-TP)	79	79	52 - 110	0	50	50
Surrogate	MS % Rec	MSD % Rec			Acceptance Limits	
2,4-Dichlorophenylacetic acid	91	88	58 - 110			

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

Serial Number 83301

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

**SEVERN
TRENT**

STL

☒ **STL Savannah**
5102 Lacroche 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	MATRIX TYPE	REQUIRED ANALYSIS	PAGE 1	of 3
STL (LAB) PROJECT MANAGER Linda G. W. Z. B.	P.O. NUMBER 450711597	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE		STANDARD REPORT DELIVERY	☒
CLIENT (SITE) PM Tim Kassett	CLIENT PHONE 302-715-3450	CLIENT FAX	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)		DATE DUE	☐
CLIENT NAME Hercules Inc.	CLIENT E-MAIL		AIR		EXPEDITED REPORT DELIVERY (SURCHARGE)	☐
CLIENT ADDRESS			SOLID OR SEMISOLID		DATE DUE	☐
COMPANY CONTRACTING THIS WORK (if applicable)					NUMBER OF COOLERS SUBMITTED PER SHIPMENT:	
SAMPLE IDENTIFICATION			NUMBER OF CONTAINERS SUBMITTED			
DATE	TIME		REMARKS			
11-26-07	1505	HER-CM02-112607				
11-26-07	1500	HER-CM01-112607				
11-26-07	1455	HER-CM02-112607				
11-26-07	1450	HER-CM03-112607 (MS/MSD)				
11-26-07	1445	HER-CM04-112607				
11-26-07	1435	HER-CM05-112607				
11-27-07	1025	HER-MN02-112707 (MS/MSD)				
11-27-07	0922	HER-MN03-112707				
11-27-07	1225	HER-MN04-112707				
11-27-07	1405	HER-MN05-112707				
11-27-07	1530	HER-MN06-112707				
11-28-07	0930	HER-MN07-112807 (MS/MSD)				
RECEIVED BY (SIGNATURE)		DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
<i>[Signature]</i>		11-29-07	0923	<i>[Signature]</i>	11-28-07	1730
RECEIVED BY (SIGNATURE)		DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
<i>[Signature]</i>		11-29-07	0923	<i>[Signature]</i>	11-28-07	1730

LABORATORY USE ONLY	
CUSTODY SEAL NO.	STL SAVANNAH LOG NO.
CUSTODY INTACT YES ☐ NO ☐	LABORATORY REMARKS
RECEIVED FOR LABORATORY BY (SIGNATURE)	DATE
<i>[Signature]</i>	11-29-07

Serial Number 48304 Celer 1 #12

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD



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	MATRIX TYPE	REQUIRED ANALYSIS	PAGE 2	OF 3
STL (LAB) PROJECT MANAGER Linda Gmeliz	P.O. NUMBER 4500411597	CONTRACT NO.	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)		STANDARD REPORT DELIVERY	☒
CLIENT (SITE) FM Tim Hassett	CLIENT PHONE 302-995-3450	CLIENT FAX	AQUEOUS (WATER)		DATE DUE	
CLIENT NAME Hessels, Inc.	CLIENT E-MAIL		COMPOSITE (C) OR GRAB (G) INDICATE		EXPEDITED REPORT DELIVERY (SURCHARGE)	☐
CLIENT ADDRESS					DATE DUE	
COMPANY CONTRACTING THIS WORK (if applicable)					NUMBER OF COOLERS SUBMITTED PER SHIPMENT	
SAMPLE IDENTIFICATION				NUMBER OF CONTAINERS SUBMITTED	REMARKS	
SAMPLE DATE	TIME					
11-28-07	1425	HER-MW08-112807	6✓	4		
11-28-07	1355	HER-MW09-112807	6✓	4		
11-27-07	1145	HER-MW10-112707	6✓	4		
11-27-07	1300	HER-MW11-112707	6✓	4		
11-27-07	1540	HER-MW12-112707	6✓	4		
11-28-07	1320	HER-MW13-112807	6✓	4		
11-28-07	1225	HER-MW14-112807	6✓	4		
11-28-07	1135	HER-MW15-112807	6✓	4		
11-28-07	1055	HER-MW16-112807	6✓	4		
11-28-07	1505	HER-MW17-112807	6✓	4		
11-27-07	1630	HER-MW18-112707	6✓	4		
11-28-07	0830	HER-MW19-112807	6✓	4		
RECEIVED BY: SIGNATURE			DATE	TIME	DATE	TIME
RECEIVED BY: SIGNATURE			DATE	TIME	DATE	TIME

LABORATORY USE ONLY	
RECEIVED FOR LABORATORY BY: SIGNATURE	STL SAVANNAH LOG NO.
DATE	LABORATORY REMARKS
112907 0923	680 32249

Serial Number 48305 Cooler 1 of 2

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD



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	MATRIX TYPE	REQUIRED ANALYSIS	PAGE 3 OF 3
STL (LAB) PROJECT MANAGER Linda Gaultier	P.O. NUMBER 45007115A7	CONTRACT NO.		STANDARD REPORT DELIVERY	
CLIENT (SITE) PM Tim Hassett	CLIENT PHONE 302-945-3456	CLIENT FAX		DATE DUE	☒
CLIENT NAME Hercules, Inc	CLIENT EMAIL			EXPEDITED REPIAT DELIVERY (SURCHARGE)	☐
CLIENT ADDRESS				DATE DUE	

COMPANY CONTRACTING THIS WORK (if applicable)

SAMPLE		SAMPLE IDENTIFICATION	COMPO	AQUEO	SOLID	AIR	NONAO	NUMBER OF CONTAINERS SUBMITTED				REMARKS
DATE	TIME											
11-26-07	1425	HER-RS1-112407	G	✓				4				
11-27-07	0915	HER-RS2-112707	G	✓				4				
11-28-07	0920	HER-RS3-112807	G	✓				4				
11-27-07	—	HER-FD1-112707	G	✓				4				
11-28-07	—	HER-FD2-112807	G	✓				4				
11-28-07	1530	HER-DA1-112807	G	✓				1*	1	1		* NO PRESERVATIVE for VOL sample
11-28-07	1550	HER-DA2-112807	G	✓				1*	1	1		* NO PRESERVATIVE for VOL sample

Login Sample Receipt Check List

Client: Hercules Inc.

Login Number: 32249

Creator: Hail, Karl I

List Number: 1

List Source: TestAmerica Savannah

Job Number: 680-32249-1

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.4 and 1.3 C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphase samples are not present.	N/A	
Samples do not require splitting or composting.	N/A	