

**Analytical Data**

Client: Hercules Inc.

Job Number: 680-32249-1

Client Sample ID: HER-MW17-112807

Lab Sample ID: 680-32249-22

Date Sampled: 11/28/2007 1505

Client Matrix: Water

Date Received: 11/29/2007 0923

**8260B Volatile Organic Compounds by GC/MS**

Method:	8260B	Analysis Batch: 680-92648	Instrument ID:	GC/MS Volatiles - B
Preparation:	5030B		Lab File ID:	b0463.d
Dilution:	200		Initial Weight/Volume:	5 mL
Date Analyzed:	12/04/2007 1741		Final Weight/Volume:	5 mL
Date Prepared:	12/04/2007 1741			

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<200		200
Tetrachloroethene	<200		200
Toluene	210		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	92	75 - 120
Dibromofluoromethane	103	75 - 121
Toluene-d8 (Surr)	91	75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-32249-1

Client Sample ID: HER-MW17-112807

Lab Sample ID: 680-32249-22

Date Sampled: 11/28/2007 1505

Client Matrix: Water

Date Received: 11/29/2007 0923

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-92858	Instrument ID:	GC/MS Volatiles - B
Preparation:	5030B		Lab File ID:	b0473.d
Dilution:	500		Initial Weight/Volume:	5 mL
Date Analyzed:	12/06/2007 1232	Run Type: DL	Final Weight/Volume:	5 mL
Date Prepared:	12/06/2007 1232			

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<13000		13000
Acetonitrile	<20000		20000
Acrolein	<10000		10000
Acrylonitrile	<10000		10000
Benzene	3000	D	500
Dichlorobromomethane	<500		500
Bromoform	<500		500
Bromomethane	<500		500
2-Butanone (MEK)	<5000		5000
Carbon disulfide	<1000		1000
Carbon tetrachloride	41000	D	500
Chlorobenzene	890	D	500
Chloroethane	<500		500
Chloroform	4100	D	500
Chloromethane	<500		500
2-Chloro-1,3-butadiene	<500		500
3-Chloro-1-propene	<500		500
Chlorodibromomethane	<500		500
1,2-Dibromo-3-Chloropropane	<500		500
Ethylene Dibromide	<500		500
Dibromomethane	<500		500
trans-1,4-Dichloro-2-butene	<1000		1000
Dichlorodifluoromethane	<500		500
1,1-Dichloroethane	<500		500
1,2-Dichloroethane	<500		500
1,1-Dichloroethene	<500		500
cis-1,2-Dichloroethene	<500		500
trans-1,2-Dichloroethene	<500		500
1,2-Dichloropropane	<500		500
cis-1,3-Dichloropropene	<500		500
trans-1,3-Dichloropropene	<500		500
Ethylbenzene	<500		500
Ethyl methacrylate	<500		500
2-Hexanone	<5000		5000
Iodomethane	<2500		2500
Isobutyl alcohol	<20000		20000
Methacrylonitrile	<10000		10000
Methylene Chloride	<2500		2500
Methyl methacrylate	<500		500
4-Methyl-2-pentanone (MIBK)	<5000		5000
Pentachloroethane	<2500		2500
Propionitrile	<10000		10000
Styrene	<500		500
1,1,1,2-Tetrachloroethane	<500		500

**Analytical Data**

Client: Hercules Inc.

Job Number: 680-32249-1

Client Sample ID: HER-MW17-112807

Lab Sample ID: 680-32249-22

Date Sampled: 11/28/2007 1505

Client Matrix: Water

Date Received: 11/29/2007 0923

**8260B Volatile Organic Compounds by GC/MS**

Method:	8260B	Analysis Batch: 680-92858	Instrument ID:	GC/MS Volatiles - B
Preparation:	5030B		Lab File ID:	b0473.d
Dilution:	500		Initial Weight/Volume:	5 mL
Date Analyzed:	12/06/2007 1232	Run Type: DL	Final Weight/Volume:	5 mL
Date Prepared:	12/06/2007 1232			

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<500		500
Tetrachloroethene	<500		500
Toluene	<500		500
1,1,1-Trichloroethane	<500		500
1,1,2-Trichloroethane	<500		500
Trichloroethene	<500		500
Trichlorofluoromethane	<500		500
1,2,3-Trichloropropane	<500		500
Vinyl acetate	<1000		1000
Vinyl chloride	<500		500
Xylenes, Total	<1000		1000
<b>Surrogate</b>	<b>%Rec</b>		<b>Acceptance Limits</b>
4-Bromofluorobenzene	97		75 - 120
Dibromofluoromethane	101		75 - 121
Toluene-d8 (Surr)	89		75 - 120

## Analytical Data

Client: Hercules Inc.

Job Number: 680-32249-1

Client Sample ID: HER-MW18-112707

Lab Sample ID: 680-32249-23

Date Sampled: 11/27/2007 1630

Client Matrix: Water

Date Received: 11/29/2007 0923

### 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-92630	Instrument ID: GC/MS Volatiles - B
Preparation:	5030B		Lab File ID: b0454.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/04/2007 0452		Final Weight/Volume: 5 mL
Date Prepared:	12/04/2007 0452		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	1.2		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	26		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	1.4		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	1.2		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0

Analytical Data

Client: Hercules Inc.

Job Number: 680-32249-1

Client Sample ID: HER-MW18-112707

Lab Sample ID: 680-32249-23

Date Sampled: 11/27/2007 1630

Client Matrix: Water

Date Received: 11/29/2007 0923

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-92630

Instrument ID: GC/MS Volatiles - B

Preparation: 5030B

Lab File ID: b0454.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/04/2007 0452

Final Weight/Volume: 5 mL

Date Prepared: 12/04/2007 0452

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	91		75 - 120
Dibromofluoromethane	99		75 - 121
Toluene-d8 (Surr)	94		75 - 120

## Analytical Data

Client: Hercules Inc.

Job Number: 680-32249-1

Client Sample ID: HER-MW19-112807

Lab Sample ID: 680-32249-24

Date Sampled: 11/28/2007 0830

Client Matrix: Water

Date Received: 11/29/2007 0923

### 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-92648	Instrument ID: GC/MS Volatiles - B
Preparation:	5030B		Lab File ID: b0458.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/04/2007 1525		Final Weight/Volume: 5 mL
Date Prepared:	12/04/2007 1525		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	44		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	10		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	1.1		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	2.6		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0

**Analytical Data**

Client: Hercules Inc.

Job Number: 680-32249-1

Client Sample ID: HER-MW19-112807

Lab Sample ID: 680-32249-24

Date Sampled: 11/28/2007 0830

Client Matrix: Water

Date Received: 11/29/2007 0923

**8260B Volatile Organic Compounds by GC/MS**

Method:	8260B	Analysis Batch: 680-92648	Instrument ID:	GC/MS Volatiles - B
Preparation:	5030B		Lab File ID:	b0458.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/04/2007 1525		Final Weight/Volume:	5 mL
Date Prepared:	12/04/2007 1525			

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	1.4		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	102	75 - 121
Toluene-d8 (Surr)	91	75 - 120

## Analytical Data

Client: Hercules Inc.

Job Number: 680-32249-1

Client Sample ID: HER-RS1-112607

Lab Sample ID: 680-32249-25

Date Sampled: 11/26/2007 1425

Client Matrix: Water

Date Received: 11/29/2007 0923

### 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-92536	Instrument ID: GC/MS Volatiles - B
Preparation:	5030B		Lab File ID: b0443.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/03/2007 1852		Final Weight/Volume: 5 mL
Date Prepared:	12/03/2007 1852		

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



Analytical Data

Client: Hercules Inc.

Job Number: 680-32249-1

Client Sample ID: HER-RS1-112607

Lab Sample ID: 680-32249-25

Date Sampled: 11/26/2007 1425

Client Matrix: Water

Date Received: 11/29/2007 0923

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-92536

Instrument ID: GC/MS Volatiles - B

Preparation: 5030B

Lab File ID: b0443.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/03/2007 1852

Final Weight/Volume: 5 mL

Date Prepared: 12/03/2007 1852

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	6.1		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	87		75 - 120
Dibromofluoromethane	99		75 - 121
Toluene-d8 (Surr)	96		75 - 120

## Analytical Data

Client: Hercules Inc.

Job Number: 680-32249-1

Client Sample ID: HER-RS2-112707

Lab Sample ID: 680-32249-26

Date Sampled: 11/27/2007 0915

Client Matrix: Water

Date Received: 11/29/2007 0923

### 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-92536	Instrument ID: GC/MS Volatiles - B
Preparation:	5030B		Lab File ID: b0444.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/03/2007 1920		Final Weight/Volume: 5 mL
Date Prepared:	12/03/2007 1920		

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

Analytical Data

Client: Hercules Inc.

Job Number: 680-32249-1

Client Sample ID: HER-RS2-112707

Lab Sample ID: 680-32249-26

Date Sampled: 11/27/2007 0915

Client Matrix: Water

Date Received: 11/29/2007 0923

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-92536

Instrument ID: GC/MS Volatiles - B

Preparation: 5030B

Lab File ID: b0444.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/03/2007 1920

Final Weight/Volume: 5 mL

Date Prepared: 12/03/2007 1920

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	6.8		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	86		75 - 120
Dibromofluoromethane	99		75 - 121
Toluene-d8 (Surr)	95		75 - 120

## Analytical Data

Client: Hercules Inc.

Job Number: 680-32249-1

Client Sample ID: HER-RS3-112807

Lab Sample ID: 680-32249-27

Date Sampled: 11/28/2007 0920

Client Matrix: Water

Date Received: 11/29/2007 0923

### 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-92648	Instrument ID: GC/MS Volatiles - B
Preparation:	5030B		Lab File ID: b0466.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/04/2007 1901		Final Weight/Volume: 5 mL
Date Prepared:	12/04/2007 1901		

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

## Analytical Data

Client: Hercules Inc.

Job Number: 680-32249-1

Client Sample ID: HER-RS3-112807

Lab Sample ID: 680-32249-27

Date Sampled: 11/28/2007 0920

Client Matrix: Water

Date Received: 11/29/2007 0923

### 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-92648	Instrument ID: GC/MS Volatiles - B
Preparation:	5030B		Lab File ID: b0466.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/04/2007 1901		Final Weight/Volume: 5 mL
Date Prepared:	12/04/2007 1901		

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	5.5		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	93	75 - 120	
Dibromofluoromethane	101	75 - 121	
Toluene-d8 (Surr)	91	75 - 120	

## Analytical Data

Client: Hercules Inc.

Job Number: 680-32249-1

Client Sample ID: HER-FD1-112707

Lab Sample ID: 680-32249-28

Date Sampled: 11/27/2007 0000

Client Matrix: Water

Date Received: 11/29/2007 0923

### 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-92630	Instrument ID: GC/MS Volatiles - B
Preparation:	5030B		Lab File ID: b0455.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	12/04/2007 0519		Final Weight/Volume: 5 mL
Date Prepared:	12/04/2007 0519		

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

Analytical Data

Client: Hercules Inc.

Job Number: 680-32249-1

Client Sample ID: HER-FD1-112707

Lab Sample ID: 680-32249-28

Date Sampled: 11/27/2007 0000

Client Matrix: Water

Date Received: 11/29/2007 0923

8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 680-92630

Instrument ID: GC/MS Volatiles - B

Preparation: 5030B

Lab File ID: b0455.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 12/04/2007 0519

Final Weight/Volume: 5 mL

Date Prepared: 12/04/2007 0519

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	100		75 - 120
Dibromofluoromethane	101		75 - 121
Toluene-d8 (Surr)	94		75 - 120

Analytical Data

Client: Hercules Inc.

Job Number: 680-32249-1

Client Sample ID: HER-FD2-112807

Lab Sample ID: 680-32249-29

Date Sampled: 11/28/2007 0000

Client Matrix: Water

Date Received: 11/29/2007 0923

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-92648	Instrument ID:	GC/MS Volatiles - B
Preparation:	5030B		Lab File ID:	b0460.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/04/2007 1619		Final Weight/Volume:	5 mL
Date Prepared:	12/04/2007 1619			

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	9.4		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	2.1		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	4.1		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0



**Analytical Data**

Client: Hercules Inc.

Job Number: 680-32249-1

Client Sample ID: HER-FD2-112807

Lab Sample ID: 680-32249-29

Date Sampled: 11/28/2007 0000

Client Matrix: Water

Date Received: 11/29/2007 0923

**8260B Volatile Organic Compounds by GC/MS**

Method:	8260B	Analysis Batch: 680-92648	Instrument ID:	GC/MS Volatiles - B
Preparation:	5030B		Lab File ID:	b0460.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	12/04/2007 1619		Final Weight/Volume:	5 mL
Date Prepared:	12/04/2007 1619			

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	1.6		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
<b>Surrogate</b>	<b>%Rec</b>		<b>Acceptance Limits</b>
4-Bromofluorobenzene	96		75 - 120
Dibromofluoromethane	103		75 - 121
Toluene-d8 (Surr)	91		75 - 120

## Analytical Data

Client: Hercules Inc.

Job Number: 680-32249-1

Client Sample ID: HER-DA1-112807

Lab Sample ID: 680-32249-30

Date Sampled: 11/28/2007 1530

Client Matrix: Solid

% Moisture: 18.8

Date Received: 11/29/2007 0923

### 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-92984	Instrument ID: GC/MS Volatiles - L
Preparation:	5030A		Lab File ID: I0014.d
Dilution:	40		Initial Weight/Volume: 5 g
Date Analyzed:	12/07/2007 1425		Final Weight/Volume: 5 mL
Date Prepared:	12/07/2007 1425		

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL
Acetone		<2500		2500
Acetonitrile		<9900		9900
Acrolein		<4900		4900
Acrylonitrile		<4900		4900
Benzene		<250		250
Bromodichloromethane		<250		250
Bromoform		<250		250
Bromomethane		<250		250
2-Butanone		<1200		1200
Carbon disulfide		<250		250
Carbon tetrachloride		<250		250
Chlorobenzene		<250		250
Chloroprene		<250		250
Chloroethane		<250		250
Chloroform		<250		250
Chloromethane		<250		250
3-Chloro-1-propene		<250		250
Dibromochloromethane		<250		250
1,2-Dibromo-3-Chloropropane		<490		490
1,2-Dibromoethane		<250		250
Dibromomethane		<250		250
trans-1,4-Dichloro-2-butene		<490		490
Dichlorodifluoromethane		<250		250
1,1-Dichloroethane		<250		250
1,2-Dichloroethane		<250		250
cis-1,2-Dichloroethene		<250		250
trans-1,2-Dichloroethene		<250		250
1,1-Dichloroethene		<250		250
1,2-Dichloropropane		<250		250
cis-1,3-Dichloropropene		<250		250
trans-1,3-Dichloropropene		<250		250
Ethylbenzene		<250		250
Ethyl methacrylate		<250		250
2-Hexanone		<1200		1200
Iodomethane		<250		250
Isobutanol		<9900		9900
Methacrylonitrile		<4900		4900
Methylene Chloride		<250		250
Methyl methacrylate		<250		250
4-Methyl-2-pentanone		<1200		1200
Pentachloroethane		<1200		1200
Propionitrile		<4900		4900
Styrene		<250		250
1,1,1,2-Tetrachloroethane		<250		250

**Analytical Data**

Job Number: 680-32249-1

Client: Hercules Inc.

Client Sample ID: HER-DA1-112807

Lab Sample ID: 680-32249-30

% Moisture: 18.8

Date Sampled: 11/28/2007 1530

Date Received: 11/29/2007 0923

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B  
 Preparation: 5030A  
 Dilution: 40  
 Date Analyzed: 12/07/2007 1425  
 Date Prepared: 12/07/2007 1425  
 Instrument ID: GC/MS Volatiles - L  
 Lab File ID: 10014.d  
 Initial Weight/Volume: 5 g  
 Final Weight/Volume: 5 mL

Analysis Batch: 680-92984

Analyte	DryWt Corrected: Y	Result (ug/kg)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<250	<250		250
Tetrachloroethene	<250	<250		250
Toluene	<250	<250		250
1,1,1-Trichloroethane	<250	<250		250
1,1,2-Trichloroethane	<250	<250		250
Trichloroethene	<250	<250		250
Trichlorofluoromethane	<250	<250		250
1,2,3-Trichloropropane	<250	<250		250
Vinyl acetate	<490	<490		490
Vinyl chloride	<250	<250		250
Xylenes, Total	960	960		490
Surrogate	%Rec		Acceptance Limits	
4-Bromofluorobenzene	82	82	65 - 124	
Dibromofluoromethane	87	87	65 - 124	
Toluene-d8 (Surr)	72	72	65 - 132	

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

Client Sample ID: HER-DA2-112807

Lab Sample ID: 680-32249-31

Client Matrix: Solid

% Moisture: 18.1

Date Sampled: 11/28/2007 1550

Date Received: 11/29/2007 0923

8260B Volatile Organic Compounds by GC/MS

Method: 8260B  
 Preparation: 5030A  
 Dilution: 1000  
 Date Analyzed: 11/30/2007 1856  
 Date Prepared: 11/30/2007 1856  
 Instrument ID: GC/MS Volatiles - L  
 Lab File ID: 11835.d  
 Initial Weight/Volume: 5 g  
 Final Weight/Volume: 5 mL

Analysis Batch: 680-92548

Analyte DryWt Corrected: Y Result (ug/kg) Qualifier RL

Acetonitrile	<61000	61000
Acetone	<120000	120000
Acrolein	<240000	240000
Acrylonitrile	<120000	120000
Benzene	<6100	6100
Bromodichloromethane	<6100	6100
Bromoform	<6100	6100
Bromomethane	<6100	6100
2-Butanone	<31000	6100
Carbon disulfide	<6100	6100
Carbon tetrachloride	<6100	6100
Chlorobenzene	<6100	6100
Chloroprene	<6100	6100
Chloroethane	<6100	6100
Chloroform	<6100	6100
Chloromethane	<6100	6100
3-Chloro-1-propene	<6100	6100
Dibromochloromethane	<6100	6100
1,2-Dibromo-3-Chloropropane	<12000	6100
1,2-Dibromomethane	<6100	6100
Dibromomethane	<6100	6100
trans-1,4-Dichloro-2-butene	<12000	6100
Dichlorodifluoromethane	<6100	6100
1,1-Dichloroethane	<6100	6100
1,2-Dichloroethane	<6100	6100
cis-1,2-Dichloroethene	<6100	6100
trans-1,2-Dichloroethene	<6100	6100
trans-1,1-Dichloroethene	<6100	6100
1,2-Dichloropropane	<6100	6100
cis-1,3-Dichloropropene	<6100	6100
trans-1,3-Dichloropropene	<6100	6100
Ethylbenzene	<6100	6100
Ethyl methacrylate	<6100	6100
2-Hexanone	<31000	6100
Iodomethane	<6100	6100
Isobutanol	<240000	6100
Methacrylonitrile	<120000	240000
Methylene Chloride	<6100	6100
Methyl methacrylate	<6100	6100
4-Methyl-2-pentanone	<31000	6100
Pentachloroethane	<31000	31000
Propionitrile	<120000	120000
Styrene	<6100	6100
1,1,1,2-Tetrachloroethane	<6100	6100

Analytical Data

**Analytical Data**

Job Number: 680-32249-1

Client: Hercules Inc.

Client Sample ID: HER-DA2-112807

Lab Sample ID: 680-32249-31

Client Matrix: Solid

% Moisture: 18.1

Date Sampled: 11/28/2007 1550

Date Received: 11/29/2007 0923

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B  
 Preparation: 5030A  
 Dilution: 1000  
 Date Analyzed: 11/30/2007 1856  
 Date Prepared: 11/30/2007 1856  
 Instrument ID: GC/MS Volatiles - L  
 Lab File ID: 11835.d  
 Initial Weight/Volume: 5 g  
 Final Weight/Volume: 5 mL

Analysis Batch: 680-92548

Analyte	DryWt Corrected: Y	Result (ug/kg)	Qualifier	RL
1,1,2,2-Tetrachloroethane		<6100		6100
Tetrachloroethene		<6100		6100
Toluene		<6100		6100
1,1,1-Trichloroethane		<6100		6100
1,1,2-Trichloroethane		<6100		6100
Trichloroethene		<6100		6100
Trichlorofluoromethane		<6100		6100
1,2,3-Trichloropropane		<6100		6100
Vinyl acetate		<12000		12000
Vinyl chloride		<6100		6100
Xylenes, Total		<12000		12000
Surrogate				
4-Bromofluorobenzene		0	X	65 - 124
Dibromofluoromethane		0	X	65 - 124
Toluene-d8 (Surr)		0	X	65 - 132

Acceptance Limits

**Analytical Data**

Job Number: 680-32249-1

Client: Hercules Inc.

Client Sample ID: TRIP BLANK

Lab Sample ID: 680-32249-32TB

Client Matrix: Water

Date Sampled: 11/28/2007 0000  
Date Received: 11/29/2007 0923

Method: 8260B  
Preparation: 5030B  
Dilution: 1.0

Date Analyzed: 12/04/2007 1403  
Date Prepared: 12/04/2007 1403

Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

Analysis Batch: 680-92648  
Instrument ID: GC/MS Volatiles - B  
Lab File ID: b0455.d

**8260B Volatile Organic Compounds by GC/MS**

Analyte	Result (ug/L)	Qualifier	RL
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Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
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-Dichloropropane	<1.0		1.0
trans-1,3-Dichloropropane	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutyl alcohol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
4-Methyl-2-pentanone (MIBK)	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0
1,1,1,2-Tetrachloroethane	<1.0		1.0

**Analytical Data**

Job Number: 680-32249-1

Client: Hercules Inc.

Client Sample ID: TRIP BLANK

Lab Sample ID: 680-32249-32TB

Client Matrix: Water

Date Sampled: 11/28/2007 0000  
Date Received: 11/29/2007 0923

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B  
Preparation: 5030B  
Dilution: 1.0  
Date Analyzed: 12/04/2007 1403  
Date Prepared: 12/04/2007 1403  
Analysis Batch: 680-92648  
Instrument ID: GC/MS Volatiles - B  
Lab File ID: b0455.d  
Initial Weight/Volume: 5 mL  
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0
Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	92		75 - 120
Dibromofluoromethane	106		75 - 121
Toluene-d8 (Surr)	89		75 - 120

**Analytical Data**

Job Number: 680-32249-1

Client: Hercules Inc.

Client Sample ID: HER-DA1-112807

Lab Sample ID: 680-32249-30

Client Matrix: Solid

% Moisture: 18.8

Date Sampled: 11/28/2007 1530

Date Received: 11/29/2007 0923

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

Method: 8270C  
 Preparation: 3550B  
 Dilution: 5.0  
 Date Analyzed: 12/13/2007 1827  
 Date Prepared: 12/06/2007 1534  
 Analysis Batch: 680-93535  
 Prep Batch: 680-92817  
 Instrument ID: GC/MS Semivolatiles - T  
 Lab File ID: 14269.d  
 Initial Weight/Volume: 15.04 g  
 Final Weight/Volume: .5 mL  
 Injection Volume: 1 uL

Analyte DryM Corrected: Y Result (ug/kg) Qualifier RL

Acenaphthene	<2000		2000
Thionazin	<2000		2000
Sulfatep	<2000		2000
Pyridine	<2000		2000
1,1'-Biphenyl	<2000		2000
1,2,4-Trichlorobenzene	<2000		2000
1,2-Dichlorobenzene	<2000		2000
1,3,5-Trinitrobenzene	<2000		2000
1,3-Dichlorobenzene	<2000		2000
1,3-Dinitrobenzene	<2000		2000
1,4-Dichlorobenzene	<2000		2000
1,4-Dioxane	<2000		2000
1,4-Naphthoquinone	<2000		2000
1-Naphthylamine	<2000		2000
2,3,4,6-Tetrachlorophenol	<2000		2000
2,4,5-Trichlorophenol	<2000		2000
2,4,6-Trichlorophenol	<2000		2000
2,4-Dichlorophenol	<2000		2000
2,4-Dimethylphenol	<2000		2000
2,4-Dinitrophenol	<10000		10000
2,4-Dinitrotoluene	<2000		2000
2,6-Dichlorophenol	<2000		2000
Dimethyl phthalate	<2000		2000
2,6-Dinitrotoluene	<2000		2000
2-Acetylaminofluorene	<2000		2000
2-Chlorophenol	<2000		2000
2-Chloronaphthalene	<2000		2000
2-Methylnaphthalene	<2000		2000
2-Methylphenol	<2000		2000
2-Naphthylamine	<2000		2000
2-Nitroaniline	<10000		10000
2-Nitrophenol	<2000		2000
2-Picoline	<2000		2000
2-Toluidine	<2000		2000
3 & 4 Methylphenol	<2000		2000
3,3'-Dichlorobenzidine	<4100		4100
3,3'-Dimethylbenzidine	<10000		10000
3-Methylcholanthrene	<2000		2000
3-Nitroaniline	<10000		10000
4,6-Dinitro-2-methylphenol	<10000		10000
4-Aminobiphenyl	<2000		2000
4-Bromophenyl phenyl ether	<2000		2000
4-Chloro-3-methylphenol	<2000		2000



**Analytical Data**

Job Number: 680-32249-1

Client: Hercules Inc.

Client Sample ID: HER-DA1-112807

Lab Sample ID: 680-32249-30

Client Matrix: Solid

% Moisture: 18.8

Date Sampled: 11/28/2007 1530  
Date Received: 11/29/2007 0923

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

Method: 8270C  
Preparation: 3550B  
Dilution: 5.0  
Date Analyzed: 12/13/2007 1827  
Date Prepared: 12/06/2007 1534  
Injection Volume: 1 uL  
Final Weight/Volume: .5 mL  
Initial Weight/Volume: 15.04 g  
Instrument ID: GC/MS Semivolatiles - T  
Lab File ID: 14269.d

Analysis Batch: 680-93535

Prep Batch: 680-92817

Analyte DryWt Corrected: Y Result (ug/kg) Qualifier RL

4-Chloroaniline	<4100		4100
4-Chlorophenyl phenyl ether	<2000		2000
4-Nitroaniline	<10000		10000
4-Nitrophenol	<10000		10000
4-Nitroquinoline-1-oxide	<20000		20000
7,12-Dimethylbenz(a)anthracene	<2000		2000
Acenaphthylene	<2000		2000
Acetophenone	<2000		2000
alpha,alpha-Dimethyl phenethylamine	<410000		410000
Aniline	<4100		4100
Anthracene	<2000		2000
Aramite, Total	<2000		2000
Benzo[a]anthracene	<2000		2000
Benzo[a]pyrene	<2000		2000
Benzo[b]fluoranthene	<2000		2000
Benzo[g,h,i]perylene	<2000		2000
Benzo[k]fluoranthene	<2000		2000
Benzyl alcohol	<2000		2000
Bis(2-chloroethoxy)methane	<2000		2000
Bis(2-chloroethyl)ether	<2000		2000
Bis(2-ethylhexyl) phthalate	14000		2000
Chrysene	<2000		2000
Dallate	<2000		2000
Dibenz(a,h)anthracene	<2000		2000
Dibenzofuran	<2000		2000
Di-n-butyl phthalate	<2000		2000
Diethyl phthalate	<2000		2000
p-Dimethylamino azobenzene	<2000		2000
Di-n-octyl phthalate	<2000		2000
Ethyl methanesulfonate	<2000		2000
Fluoranthene	3500		2000
Fluorene	<2000		2000
Hexachlorobenzene	<2000		2000
Hexachlorobutadiene	<2000		2000
Hexachlorocyclopentadiene	<2000		2000
Hexachloroethane	<2000		2000
Hexachlorophene	<1000000		1000000
Hexachloropropene	<2000		2000
Inden[1,2,3-cd]pyrene	<2000		2000
Isophorone	<2000		2000
Isosafrole	<2000		2000
Methapyrene	<410000		410000
Methyl methanesulfonate	<2000		2000

**Analytical Data**

Job Number: 680-32249-1

Client: Hercules Inc.

Client Sample ID: HER-DA1-112807

Lab Sample ID: 680-32249-30

Client Matrix: Solid % Moisture: 18.8

Date Sampled: 11/28/2007 1530  
Date Received: 11/29/2007 0923

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

Method: 8270C  
Preparation: 3550B  
Dilution: 5.0  
Date Analyzed: 12/13/2007 1827  
Date Prepared: 12/06/2007 1534  
Analysis Batch: 680-93535  
Prep Batch: 680-92817  
Instrument ID: GC/MS Semivolatiles - T  
Lab File ID: 14269.d  
Initial Weight/Volume: 15.04 g  
Final Weight/Volume: .5 mL  
Injection Volume: 1 uL

Analyte	DryM Corrected: Y	Result (ug/kg)	Qualifier	RL
Napthalene		<2000		2000
Nitrobenzene		<2000		2000
N-Nitrosod-n-butylamine		<2000		2000
N-Nitrosodethylamine		<2000		2000
N-Nitrosodiphenylamine		<2000		2000
N-Nitrosodimethylamine		<2000		2000
N-Nitrosodiphenylamine		<2000		2000
N-Nitrosodipropylamine		<2000		2000
N-Nitrosomethylamine		<2000		2000
N-Nitrosomorpholine		<2000		2000
N-Nitrosopiperidine		<2000		2000
N-Nitrosopyrrolidine		<2000		2000
N-Nitro-o-toluidine		<2000		2000
Pentachlorobenzene		<2000		2000
Pentachloronitrobenzene		<2000		2000
Pentachlorophenol		<10000		10000
Phenacetin		<2000		2000
Phenanthrene		4800		2000
Phenol		<2000		2000
p-Phenylenediamine		<10000		10000
Promamide		<2000		2000
Pyrene		3400		2000
Safrole, Total		<2000		2000
o,o',o"-Triethylphosphorothioate		7500		2000
Disulfoton		<2000		2000
Ethyl Parathion		<2000		2000
Methyl parathion		<2000		2000
Phorate		<2000		2000
Famphur		<2000		2000
Dimethoate		<2000		2000
Butyl benzy phthalate		<2000		2000
bis(chloroisopropyl) ether		<2000		2000
Surrogate		52		36 - 128
2,4,6-Tribromophenol		0	D	44 - 110
2-Fluorobiphenyl		41		41 - 110
2-Fluorophenol		0	D	10 - 112
Terphenyl-d14		0	D	43 - 110
Phenol-d5		50		36 - 110
Nitrobenzene-d5		0	D	

**Analytical Data**

Job Number: 680-32249-1

Client: Hercules Inc.

Client Sample ID: HER-DA2-112807

Lab Sample ID: 680-32249-31

Client Matrix: Solid

% Moisture: 18.1

Date Sampled: 11/28/2007 1550

Date Received: 11/29/2007 0923

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

Method: 8270C  
 Preparation: 3550B  
 Dilution: 5.0  
 Date Analyzed: 12/13/2007 1849  
 Date Prepared: 12/06/2007 1534  
 Instrument ID: GC/MS SemiVolatiles - T  
 Lab File ID: 14270.d  
 Initial Weight/Volume: 15.26 g  
 Final Weight/Volume: .5 mL  
 Injection Volume: 1 uL

Analyte DryWt Corrected: Y Result (ug/kg) Qualifier RL

Acenaphthene	<2000		2000
Thionazin	<2000		2000
Sulfotepp	<2000		2000
Pyridine	<2000		2000
1,1'-Biphenyl	<2000		2000
1,2,4-Trichlorobenzene	<2000		2000
1,2-Dichlorobenzene	<2000		2000
1,3,5-Trinitrobenzene	<2000		2000
1,3-Dichlorobenzene	<2000		2000
1,3-Dinitrobenzene	<2000		2000
1,4-Dichlorobenzene	<2000		2000
1,4-Dioxane	<2000		2000
1,4-Naphthoquinone	<2000		2000
1-Naphthylamine	<2000		2000
2,3,4,6-Tetrachlorophenol	<2000		2000
2,4,5-Trichlorophenol	<2000		2000
2,4,6-Trichlorophenol	<2000		2000
2,4-Dichlorophenol	<2000		2000
2,4-Dimethylphenol	<2000		2000
2,4-Dinitrophenol	<10000		10000
2,4-Dinitrotoluene	<2000		2000
2,6-Dichlorophenol	<2000		2000
Dimethyl phthalate	<2000		2000
2,6-Dinitrotoluene	<2000		2000
2-Acetylaminofluorene	<2000		2000
2-Chlorophenol	<2000		2000
2-Chloronaphthalene	<2000		2000
2-Methylnaphthalene	<2000		2000
2-Methylphenol	<2000		2000
2-Naphthylamine	<2000		2000
2-Nitroaniline	<10000		10000
2-Nitrophenol	<2000		2000
2-Picoline	<2000		2000
2-Toluidine	<2000		2000
3 & 4 Methylphenol	<2000		2000
3,3'-Dichlorobenzidine	<4000		4000
3,3'-Dimethylbenzidine	<10000		10000
3-Methylcholanthrene	<2000		2000
3-Nitroaniline	<10000		10000
4,6-Dinitro-2-methylphenol	<10000		10000
4-Aminobiphenyl	<2000		2000
4-Bromophenyl phenyl ether	<2000		2000
4-Chloro-3-methylphenol	<2000		2000

**Analytical Data**

Job Number: 680-32249-1

Client: Hercules Inc.

Client Sample ID: HER-DA2-112807

Lab Sample ID: 680-32249-31

Client Matrix: Solid % Moisture: 18.1

Date Sampled: 11/28/2007 1550  
Date Received: 11/29/2007 0923

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

Method: 8270C  
Preparation: 3550B  
Dilution: 5.0  
Date Analyzed: 12/13/2007 1849  
Date Prepared: 12/06/2007 1534  
Analysis Batch: 680-93535  
Prep Batch: 680-92817  
Instrument ID: GC/MS Semivolatiles - T  
Lab File ID: 14270.d  
Initial Weight/Volume: 15.26 g  
Final Weight/Volume: .5 mL  
Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/kg)	Qualifier	RL
4-Chloroaniline		<4000		4000
4-Chlorophenyl phenyl ether		<2000		2000
4-Nitroaniline		<10000		10000
4-Nitrophenol		<10000		10000
4-Nitroquinoline-1-oxide		<20000		20000
7,12-Dimethylbenz(a)anthracene		<2000		2000
Acenaphthylene		<2000		2000
Acetophenone	*	<2000		2000
alpha,alpha-Dimethyl phenethylamine		<400000		400000
Aniline		<4000		4000
Anthracene		<2000		2000
Aramite, Total		<2000		2000
Benzo[a]anthracene		<2000		2000
Benzo[a]pyrene		<2000		2000
Benzo[b]fluoranthene		<2000		2000
Benzo[g,h,i]perylene		<2000		2000
Benzo[k]fluoranthene		<2000		2000
Benzyl alcohol		<2000		2000
Bis(2-chloroethoxy)methane		7900		2000
Bis(2-chloroethyl)ether		<2000		2000
Bis(2-ethylhexyl) phthalate		<2000		2000
Chrysene		<2000		2000
Diallate		<2000		2000
Dibenz(a,h)anthracene		<2000		2000
Dibenzofuran		<2000		2000
Di-n-butyl phthalate		<2000		2000
Diethyl phthalate		<2000		2000
p-Dimethylamino azobenzene		<2000		2000
Dinoseb		<2000		2000
Di-n-octyl phthalate		<2000		2000
Ethyl methanesulfonate		<2000		2000
Fluorene		<2000		2000
Hexachlorobenzene		<2000		2000
Hexachlorobutadiene		<2000		2000
Hexachlorocyclopentadiene		<2000		2000
Hexachloroethane		<2000		2000
Hexachlorophene		<1000000		1000000
Hexachloropropene		<2000		2000
Indeno[1,2,3-cd]pyrene		<2000		2000
Isophorone		<2000		2000
Isosafrole		<2000		2000
Methapyrene		<400000		400000
Methyl methanesulfonate		<2000		2000

**Analytical Data**

Job Number: 680-32249-1

Client: Hercules Inc.

Client Sample ID: HER-DA2-112807

Lab Sample ID: 680-32249-31

Client Matrix: Solid % Moisture: 18.1

Date Sampled: 11/28/2007 1550  
Date Received: 11/29/2007 0923

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

Method: 8270C  
Preparation: 3550B  
Dilution: 5.0  
Date Analyzed: 12/13/2007 1849  
Date Prepared: 12/06/2007 1534  
Analysis Batch: 680-93535  
Prep Batch: 680-92817  
Instrument ID: GC/MS Semivolatiles - T  
Lab File ID: 14270.d  
Initial Weight/Volume: 15.26 g  
Final Weight/Volume: .5 mL  
Injection Volume: 1 uL

Analyte	DryWt Corrected: Y	Result (ug/kg)	Qualifier	RL
Naphthalene		<2000		2000
Nitrobenzene		<2000		2000
N-Nitrosodi-n-butylamine		<2000		2000
N-Nitrosodimethylamine		<2000		2000
N-Nitrosodiphenylamine		<2000		2000
N-Nitrosodi-n-propylamine		<2000		2000
N-Nitrosomethylamine		<2000		2000
N-Nitrosomorpholine		<2000		2000
N-Nitrosopiperidine		<2000		2000
N-Nitrosopyrrolidine		<2000		2000
N-Nitro-o-toluidine		<2000		2000
Pentachlorobenzene		<2000		2000
Pentachloronitrobenzene		<2000		2000
Pentachlorophenol		<10000		10000
Phenacetin		<2000		2000
Phenanthrene		<2000		2000
Phenol		<2000		2000
p-Phenylene diamine		<10000		10000
Promamide		<2000		2000
Pyrene		<2000		2000
Safrole, Total		<2000		2000
o,o',o"-Triethylphosphorothioate		29000		2000
Disulfoton		<2000		2000
Ethyl Parathion		<2000		2000
Methyl parathion		<2000		2000
Phorate		<2000		2000
Famphur		<2000		2000
Dimethoate		<2000		2000
Butyl benzyl phthalate		<2000		2000
bis(chloroisopropyl) ether		<2000		2000
Surrogate		55		36 - 128
2,4,6-Tribromophenol		0	D	44 - 110
2-Fluorobiphenyl		52		41 - 110
2-Fluorophenol		0	D	10 - 112
Terphenyl-d14		0	D	43 - 110
Phenol-d5		58		36 - 110
Nitrobenzene-d5		0	D	

**Analytical Data**

Job Number: 680-32249-1

Client: Hercules Inc.

Client Sample ID: HER-DA1-112807

Lab Sample ID: 680-32249-30

Client Matrix: Solid

% Moisture: 18.8

Date Sampled: 11/28/2007 1530

Date Received: 11/29/2007 0923

**8081A\_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography**

Method: 8081A\_8082  
 Preparation: 3550B  
 Dilution: 10  
 Date Analyzed: 12/03/2007 1316  
 Date Prepared: 11/30/2007 1149  
 Analysis Batch: 680-92578  
 Prep Batch: 680-92308  
 Instrument ID: GC SemiVolatiles - M  
 Lab File ID: m103013.d  
 Initial Weight/Volume: 15.10 g  
 Final Weight/Volume: 5 mL  
 Injection Volume: 2 uL  
 Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/kg)	Qualifier	RL
Aldrin		<21		21
alpha-BHC		<21		21
Chlordane (technical)		<210		210
Chlorobenzilate		<210		210
4,4'-DDD		<40		40
4,4'-DDE		<40		40
4,4'-DDT		<40		40
delta-BHC		22		21
Dieldrin		<40		40
Endosulfan I		<21		21
Endosulfan II		<40		40
Endosulfan sulfate		<40		40
Endrin		<40		40
Endrin aldehyde		<40		40
Endrin ketone		<40		40
gamma-BHC (Lindane)		<21		21
Heptachlor		<21		21
Heptachlor epoxide		<21		21
Isodrin		<40		40
Kepon		<2100		2100
Methoxychlor		<210		210
Toxaphene		<2100		2100
Surrogate		%Rec	Acceptance Limits	
DCB Decachlorobiphenyl		0	D	50 - 129
Tetrachloro-m-xylene		0	D	26 - 140

**Analytical Data**

Job Number: 680-32249-1

Client: Hercules Inc.

Client Sample ID: HER-DA1-112807

Lab Sample ID: 680-32249-30

Client Matrix: Solid

% Moisture: 18.8

Date Sampled: 11/28/2007 1530

Date Received: 11/29/2007 0923

**8081A\_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography**

Method:	8081A_8082	Analysis Batch: 680-92578	Instrument ID: GC SemiVolatiles - M
Preparation:	3550B	Prep Batch: 680-92308	Lab File ID: m103016.d
Dilution:	100		Initial Weigh/Volume: 15.10 g
Date Analyzed:	12/03/2007 1414		Final Weigh/Volume: 5 mL
Date Prepared:	11/30/2007 1149		Injection Volume: 2 uL
			Column ID: PRIMARY

DryWt Corrected: Y Result (ug/kg)

Qualifier

RL

Analyte

<210

210

**Analytical Data**

Job Number: 680-32249-1

Client: Hercules Inc.

Client Sample ID: HER-DA2-112807

Lab Sample ID: 680-32249-31

Client Matrix: Solid

% Moisture: 18.1

Date Sampled: 11/28/2007 1550

Date Received: 11/29/2007 0923

**8081A\_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography**

Method: 8081A\_8082  
 Preparation: 3550B  
 Dilution: 10  
 Date Analyzed: 12/03/2007 1434  
 Date Prepared: 11/30/2007 1149

Analysis Batch: 680-92578  
 Prep Batch: 680-92308  
 Instrument ID: GC SemiVolatiles - M  
 Lab File ID: m103017.d  
 Initial Weight/Volume: 15.17 g  
 Final Weight/Volume: 5 mL  
 Injection Volume: 2 uL  
 Column ID: PRIMARY

Analyte DryWt Corrected: Y Result (ug/kg) Qualifier

Analyte	DryWt Corrected: Y	Result (ug/kg)	Qualifier
alpha-BHC	<21		RL
Chlordane (technical)	<210		
Chlorobenzilate	<210		
4,4'-DDD	<40		
4,4'-DDE	370		
4,4'-DDT	<40		
delta-BHC	36		
Dieldrin	<40		
Endosulfan I	<21		
Endosulfan II	<40		
Endosulfan sulfate	<40		
Endrin	<40		
Endrin aldehyde	<40		
Endrin ketone	<40		
gamma-BHC (Lindane)	<21		
Heptachlor	<21		
Heptachlor epoxide	<21		
Isodrin	<40		
Kepone	<2100		
Methoxychlor	<210		
Toxaphene	<2100		
Surrogate	%Rec	Acceptance Limits	
DCB Decachlorobiphenyl	0	50 - 129	D
Tetrachloro-m-xylene	0	26 - 140	D



Job Number: 680-32249-1

**Analytical Data**

Client: Hercules Inc.

Client Sample ID: HER-DA2-112807

Lab Sample ID: 680-32249-31

Client Matrix: Solid

% Moisture: 18.1

Date Sampled: 11/28/2007 1550

Date Received: 11/29/2007 0923

**8081A\_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography**

Method: 8081A\_8082  
Preparation: 3550B  
Dilution: 100

Date Analyzed: 12/03/2007 1513

Date Prepared: 11/30/2007 1149

Analysis Batch: 680-92578  
Prep Batch: 680-92308  
Instrument ID: GC SemiVolatiles - M  
Lab File ID: m103019.d  
Initial Weigh/Volume: 15.17 g  
Final Weigh/Volume: 5 mL  
Injection Volume: 2 uL  
Column ID: PRIMARY

Analyte: beta-BHC  
DryWt Corrected: Y Result (ug/kg) <210  
Qualifier: RL

210

**Analytical Data**

Job Number: 680-32249-1

Client: Hercules Inc.

Client Sample ID: HER-DA1-112807

Lab Sample ID: 680-32249-30

Client Matrix: Solid

% Moisture: 18.8

Date Sampled: 11/28/2007 1530  
Date Received: 11/29/2007 0923

**8151A Chlorinated Herbicides by GC**

Method: 8151A  
Preparation: 8151A  
Dilution: 1.0  
Date Analyzed: 12/08/2007 1031  
Date Prepared: 12/04/2007 1339  
Analysis Batch: 680-93032  
Prep Batch: 680-92620  
Instrument ID: GC SemiVolatiles - S  
Lab File ID: s108008.d  
Initial Weigh/Vol: 30.0 g  
Final Weigh/Vol: 10 mL  
Injection Volume: 1 uL  
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/kg)	Qualifier	RL
2,4,5-T		<10		10
2,4-D		<10		10
Silvex (2,4,5-TP)		<10		10
Surrogate		97		58 - 110
2,4-Dichlorophenylacetic acid		97		58 - 110

Acceptance Limits

**Analytical Data**

Job Number: 680-32249-1

Client: Hercules Inc.

Client Sample ID: HER-DA2-112807

Lab Sample ID: 680-32249-31

Client Matrix: Solid

% Moisture: 18.1

Date Sampled: 11/28/2007 1550

Date Received: 11/29/2007 0923

**8151A Chlorinated Herbicides by GC**

Method: 8151A  
 Preparation: 8151A  
 Dilution: 1.0  
 Date Analyzed: 12/08/2007 1051  
 Date Prepared: 12/04/2007 1339  
 Analysis Batch: 680-93032  
 Prep Batch: 680-92620  
 Instrument ID: GC SemiVolatiles - S  
 Lab File ID: s108009.d  
 Initial Weight/Volume: 30.1 g  
 Final Weight/Volume: 10 mL  
 Injection Volume: 1 uL  
 Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/kg)	Qualifier	RL
2,4,5-T		<10		10
2,4-D		<10		10
Silvex (2,4,5-TP)		<10		10
Surrogate		72		58 - 110
2,4-Dichlorophenylacetic acid				Acceptance Limits

**DATA REPORTING QUALIFIERS**

Client: Hercules Inc

Job Number: 680-32249-1

Lab Section	Qualifier	Description
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GC/MS VOA

E Result exceeded calibration range, secondary dilution required.

X Surrogate exceeds the control limits

D Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

GC/MS Semi VOA

\* LCS or LCSD exceeds the control limits

D Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

GC Semi VOA

F MS or MSD exceeds the control limits

4 MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

D Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

# QUALITY CONTROL RESULTS

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
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GC/MS VOA

Analysis Batch:680-92512

680-32249-3	HER-CM02-112607	T	Water	8260B	
680-32249-2	HER-CM01-112607	T	Water	8260B	
MB 680-92512/18	Method Blank	T	Water	8260B	
LCS 680-92512/16	Lab Control Spike	T	Water	8260B	

Analysis Batch:680-92536

LCS 680-92536/5	Lab Control Spike	T	Water	8260B	
LCS 680-92536/6	Lab Control Spike Duplicate	T	Water	8260B	
MB 680-92536/7	Method Blank	T	Water	8260B	
680-32249-10	HER-MW05-112707	T	Water	8260B	
680-32249-13	HER-MW08-112807	T	Water	8260B	
680-32249-25	HER-RS1-112607	T	Water	8260B	
680-32249-26	HER-RS2-112707	T	Water	8260B	

Analysis Batch:680-92548

LCS 680-92548/5	Lab Control Spike	T	Solid	8260B	
LCS 680-92548/6	Lab Control Spike Duplicate	T	Solid	8260B	
MB 680-92548/7	Method Blank	T	Solid	8260B	
680-32249-31	HER-DA2-112807	T	Solid	8260B	

Analysis Batch:680-92567

LCS 680-92567/15	Lab Control Spike	T	Water	8260B	
MB 680-92567/16	Method Blank	T	Water	8260B	
680-32249-1	HER-CM00-112607	T	Water	8260B	
680-32249-4	HER-CM03-112607	T	Water	8260B	
680-32249-4MS	Matrix Spike	T	Water	8260B	
680-32249-4MSD	Matrix Spike Duplicate	T	Water	8260B	
680-32249-5	HER-CM04-112607	T	Water	8260B	
680-32249-6	HER-CM05-112607	T	Water	8260B	
680-32249-7	HER-MW02-112707	T	Water	8260B	
680-32249-7MS	Matrix Spike	T	Water	8260B	
680-32249-7MSD	Matrix Spike Duplicate	T	Water	8260B	
680-32249-8	HER-MW03-112707	T	Water	8260B	

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
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GC/MS VOA

Analysis Batch:680-92630

680-32249-11	HER-MW04-112707	T	Water	8260B	
680-32249-12	HER-MW07-112807	T	Water	8260B	
680-32249-14	HER-MW09-112807	T	Water	8260B	
680-32249-15	HER-MW10-112707	T	Water	8260B	
680-32249-16	HER-MW11-112707	T	Water	8260B	
680-32249-17	HER-MW12-112707	T	Water	8260B	
680-32249-18	HER-MW13-112807	T	Water	8260B	
680-32249-19	HER-MW14-112807	T	Water	8260B	
680-32249-20	HER-MW15-112807	T	Water	8260B	
680-32249-21	HER-MW16-112807	T	Water	8260B	
680-32249-23	HER-MW18-112707	T	Water	8260B	
680-32249-28	HER-FD1-112707	T	Water	8260B	

Analysis Batch:680-92648

680-32249-10	Lab Control Spike	T	Water	8260B	
680-92648/11	Lab Control Spike Duplicate	T	Water	8260B	
680-32249-12MS	Matrix Spike	T	Water	8260B	
680-32249-12MSD	Matrix Spike Duplicate	T	Water	8260B	
680-32249-18DL	HER-MW13-112807	T	Water	8260B	
680-32249-22	HER-MW17-112807	T	Water	8260B	
680-32249-24	HER-MW19-112807	T	Water	8260B	
680-32249-27	HER-RS3-112807	T	Water	8260B	
680-32249-29	HER-FD2-112807	T	Water	8260B	
680-32249-32TB	TRIP BLANK	T	Water	8260B	

Analysis Batch:680-92858

680-92858/8	Lab Control Spike	T	Water	8260B	
680-92858/9	Method Blank	T	Water	8260B	
680-32249-22DL	HER-MW17-112807	T	Water	8260B	

Analysis Batch:680-92984

680-92984/3	Lab Control Spike	T	Solid	8260B	
680-92984/5	Method Blank	T	Solid	8260B	
680-32249-30	HER-DA1-112807	T	Solid	8260B	

Report Basis

T = Total

TestAmerica Savannah

Quality Control Results

Job Number: 680-32249-1

Client: Hercules Inc.

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
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GC/MS Semi VOA

Prep Batch: 680-92817

LCS 680-92817/A

MB 680-92817/A

680-32249-30

680-32249-31

Analysis Batch: 680-93126

LCS 680-92817/A

MB 680-92817/A

Lab Control Spike

Method Blank

Analysis Batch: 680-93535

680-32249-30

680-32249-31

Report Basis

T = Total

HER-DA1-112807	HER-DA1-112807	T	Solid	8270C	680-92817
HER-DA2-112807	HER-DA2-112807	T	Solid	8270C	680-92817
HER-DA1-112807	HER-DA1-112807	T	Solid	8270C	680-92817
HER-DA2-112807	HER-DA2-112807	T	Solid	8270C	680-92817
HER-DA1-112807	HER-DA1-112807	T	Solid	8270C	680-92817
HER-DA2-112807	HER-DA2-112807	T	Solid	8270C	680-92817
HER-DA1-112807	HER-DA1-112807	T	Solid	8270C	680-92817
HER-DA2-112807	HER-DA2-112807	T	Solid	8270C	680-92817



Quality Control Results

Client: Hercules Inc.

Job Number: 680-32249-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
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Prep Batch: 680-92308

LCS 680-92308/10-A	Lab Control Spike	T	Solid	3550B	
MB 680-92308/6-A	Method Blank	T	Solid	3550B	
680-32249-30	HER-DA1-112807	T	Solid	3550B	
680-32249-30MS	Matrix Spike	T	Solid	3550B	
680-32249-30MSD	Matrix Spike Duplicate	T	Solid	3550B	
680-32249-31	HER-DA2-112807	T	Solid	3550B	

Analysis Batch: 680-92578

LCS 680-92308/10-A	Lab Control Spike	T	Solid	8081A_8082	680-92308
MB 680-92308/6-A	Method Blank	T	Solid	8081A_8082	680-92308
680-32249-30	HER-DA1-112807	T	Solid	8081A_8082	680-92308
680-32249-30MS	Matrix Spike	T	Solid	8081A_8082	680-92308
680-32249-30MSD	Matrix Spike Duplicate	T	Solid	8081A_8082	680-92308
680-32249-31	HER-DA2-112807	T	Solid	8081A_8082	680-92308

Prep Batch: 680-92620

LCS 680-92620/4-A	Lab Control Spike	T	Solid	8151A	
MB 680-92620/3-A	Method Blank	T	Solid	8151A	
680-32249-30	HER-DA1-112807	T	Solid	8151A	
680-32249-31	HER-DA2-112807	T	Solid	8151A	
680-32249-31MS	Matrix Spike	T	Solid	8151A	
680-32249-31MSD	Matrix Spike Duplicate	T	Solid	8151A	

Analysis Batch: 680-93032

LCS 680-92620/4-A	Lab Control Spike	T	Solid	8151A	680-92620
MB 680-92620/3-A	Method Blank	T	Solid	8151A	680-92620
680-32249-30	HER-DA1-112807	T	Solid	8151A	680-92620
680-32249-31	HER-DA2-112807	T	Solid	8151A	680-92620
680-32249-31MS	Matrix Spike	T	Solid	8151A	680-92620
680-32249-31MSD	Matrix Spike Duplicate	T	Solid	8151A	680-92620

Report Basis

T = Total

**Quality Control Results**

Job Number: 680-32249-1

Client: Hercules Inc.

**Surrogate Recovery Report**

**8260B Volatile Organic Compounds by GC/MS**

Client Matrix: Solid

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	TOL %Rec
680-32249-30	HER-DA1-112807	82	87	72
680-32249-31	HER-DA2-112807	0X	0X	0X
MB 680-92548/7		90	98	92
MB 680-92984/5		73	89	75
LCS 680-92548/5		98	102	100
LCS 680-92984/3		94	107	99
LCSD 680-92548/6		97	102	100

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

Acceptance Limits  
65-124  
65-124  
65-132