

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW18-051210

Lab Sample ID: 680-57679-9

Date Sampled: 05/12/2010 1530

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168840	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	o0667.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	05/16/2010 1540		Final Weight/Volume:	5 mL
Date Prepared:	05/16/2010 1540			

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	1.1		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	20		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<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
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-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
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW18-051210

Lab Sample ID: 680-57679-9

Date Sampled: 05/12/2010 1530

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168840	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	o0667.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	05/16/2010 1540		Final Weight/Volume:	5 mL
Date Prepared:	05/16/2010 1540			

Analyte	Result (ug/L)	Qualifier	RL
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	Qualifier	Acceptance Limits
4-Bromofluorobenzene	89		75 - 120
Dibromofluoromethane	107		75 - 121
Toluene-d8 (Surr)	98		75 - 120

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW07-051210

Lab Sample ID: 680-57679-10

Date Sampled: 05/12/2010 1730

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168840	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o0669.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/16/2010 1608		Final Weight/Volume: 5 mL
Date Prepared:	05/16/2010 1608		

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
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<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
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-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
1,1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW07-051210

Lab Sample ID: 680-57679-10

Date Sampled: 05/12/2010 1730

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168840	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	o0669.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	05/16/2010 1608		Final Weight/Volume:	5 mL
Date Prepared:	05/16/2010 1608			

Analyte	Result (ug/L)	Qualifier	RL
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	Qualifier	Acceptance Limits
4-Bromofluorobenzene	88		75 - 120
Dibromofluoromethane	108		75 - 121
Toluene-d8 (Surr)	99		75 - 120

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW16-051210

Lab Sample ID: 680-57679-11

Date Sampled: 05/12/2010 1628

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168840	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o0671.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/16/2010 1637		Final Weight/Volume: 5 mL
Date Prepared:	05/16/2010 1637		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	1.1		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
2-Butanone (MEK)	<10		10
Carbon disulfide	2.4		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	1.3		1.0
Chloromethane	<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
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-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
1,1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW16-051210

Lab Sample ID: 680-57679-11

Date Sampled: 05/12/2010 1628

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168840	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	o0671.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	05/16/2010 1637		Final Weight/Volume:	5 mL
Date Prepared:	05/16/2010 1637			

Analyte	Result (ug/L)	Qualifier	RL
Toluene	3.5		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	Qualifier	Acceptance Limits
4-Bromofluorobenzene	89		75 - 120
Dibromofluoromethane	106		75 - 121
Toluene-d8 (Surr)	100		75 - 120

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW14-051210

Lab Sample ID: 680-57679-12

Date Sampled: 05/13/2010 1000

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168782	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o0693.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/17/2010 1220		Final Weight/Volume: 5 mL
Date Prepared:	05/17/2010 1220		

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
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<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
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-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
1,1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW14-051210

Lab Sample ID: 680-57679-12

Date Sampled: 05/13/2010 1000

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168782	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	o0693.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	05/17/2010 1220		Final Weight/Volume:	5 mL
Date Prepared:	05/17/2010 1220			

Analyte	Result (ug/L)	Qualifier	RL
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	Qualifier	Acceptance Limits
4-Bromofluorobenzene	91		75 - 120
Dibromofluoromethane	109		75 - 121
Toluene-d8 (Surr)	98		75 - 120

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW15-051210

Lab Sample ID: 680-57679-13

Date Sampled: 05/13/2010 1100

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168840	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o0673.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/16/2010 1706		Final Weight/Volume: 5 mL
Date Prepared:	05/16/2010 1706		

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
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<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
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-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
1,1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW15-051210

Lab Sample ID: 680-57679-13

Date Sampled: 05/13/2010 1100

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168840	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	o0673.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	05/16/2010 1706		Final Weight/Volume:	5 mL
Date Prepared:	05/16/2010 1706			

Analyte	Result (ug/L)	Qualifier	RL
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	Qualifier	Acceptance Limits
4-Bromofluorobenzene	89		75 - 120
Dibromofluoromethane	109		75 - 121
Toluene-d8 (Surr)	99		75 - 120

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW09-051210

Lab Sample ID: 680-57679-14

Date Sampled: 05/13/2010 1000

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168840	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o0675.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/16/2010 1734		Final Weight/Volume: 5 mL
Date Prepared:	05/16/2010 1734		

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
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<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
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-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
1,1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW09-051210

Lab Sample ID: 680-57679-14

Date Sampled: 05/13/2010 1000

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168840	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	o0675.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	05/16/2010 1734		Final Weight/Volume:	5 mL
Date Prepared:	05/16/2010 1734			

Analyte	Result (ug/L)	Qualifier	RL
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	Qualifier	Acceptance Limits
4-Bromofluorobenzene	89		75 - 120
Dibromofluoromethane	107		75 - 121
Toluene-d8 (Surr)	100		75 - 120

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW13-051210

Lab Sample ID: 680-57679-15

Date Sampled: 05/13/2010 1052

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168840	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o0685.d
Dilution:	20		Initial Weight/Volume: 5 mL
Date Analyzed:	05/16/2010 1958		Final Weight/Volume: 5 mL
Date Prepared:	05/16/2010 1958		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<500		500
Acetonitrile	<800		800
Acrolein	<400		400
Acrylonitrile	<400		400
Dichlorobromomethane	<20		20
Bromoform	<20		20
Bromomethane	<20		20
2-Butanone (MEK)	<200		200
Carbon disulfide	<40		40
Chlorobenzene	110		20
2-Chloro-1,3-butadiene	<20		20
Chloroethane	<20		20
Chloroform	1900		20
Chloromethane	<20		20
3-Chloro-1-propene	<20		20
Chlorodibromomethane	<20		20
1,2-Dibromo-3-Chloropropane	<20		20
Ethylene Dibromide	<20		20
Dibromomethane	<20		20
trans-1,4-Dichloro-2-butene	<40		40
Dichlorodifluoromethane	<20		20
1,1-Dichloroethane	<20		20
1,2-Dichloroethane	<20		20
cis-1,2-Dichloroethene	<20		20
trans-1,2-Dichloroethene	<20		20
1,1-Dichloroethene	<20		20
1,2-Dichloropropane	<20		20
cis-1,3-Dichloropropene	<20		20
trans-1,3-Dichloropropene	<20		20
Ethylbenzene	<20		20
Ethyl methacrylate	<20		20
2-Hexanone	<200		200
Iodomethane	<100		100
Isobutyl alcohol	<800		800
Methacrylonitrile	<400		400
Methylene Chloride	<100		100
Methyl methacrylate	<20		20
4-Methyl-2-pentanone (MIBK)	<200		200
Pentachloroethane	<100		100
Propionitrile	<400		400
Styrene	<20		20
1,1,1,2-Tetrachloroethane	<20		20
1,1,2,2-Tetrachloroethane	<20		20
Tetrachloroethene	<20		20
Toluene	<20		20
1,1,1-Trichloroethane	<20		20

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW13-051210

Lab Sample ID: 680-57679-15

Date Sampled: 05/13/2010 1052

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168840	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	o0685.d
Dilution:	20		Initial Weight/Volume:	5 mL
Date Analyzed:	05/16/2010 1958		Final Weight/Volume:	5 mL
Date Prepared:	05/16/2010 1958			

Analyte	Result (ug/L)	Qualifier	RL
1,1,2-Trichloroethane	<20		20
Trichloroethene	<20		20
Trichlorofluoromethane	<20		20
1,2,3-Trichloropropane	<20		20
Vinyl acetate	<40		40
Vinyl chloride	<20		20
Xylenes, Total	<40		40

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	92		75 - 120
Dibromofluoromethane	104		75 - 121
Toluene-d8 (Surr)	99		75 - 120

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW13-051210

Lab Sample ID: 680-57679-15

Date Sampled: 05/13/2010 1052

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168782	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	o0695.d
Dilution:	50		Initial Weight/Volume:	5 mL
Date Analyzed:	05/17/2010 1249		Final Weight/Volume:	5 mL
Date Prepared:	05/17/2010 1249			

Analyte	Result (ug/L)	Qualifier	RL
Benzene	2600		50
Carbon tetrachloride	4000		50

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	90		75 - 120
Dibromofluoromethane	107		75 - 121
Toluene-d8 (Surr)	100		75 - 120

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW08-051210

Lab Sample ID: 680-57679-16

Date Sampled: 05/13/2010 1155

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168782	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	o0697.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	05/17/2010 1317		Final Weight/Volume:	5 mL
Date Prepared:	05/17/2010 1317			

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<250		250
Acetonitrile	<400		400
Acrolein	<200		200
Acrylonitrile	<200		200
Dichlorobromomethane	<10		10
Bromoforn	<10		10
Bromomethane	<10		10
2-Butanone (MEK)	<100		100
Carbon disulfide	<20		20
Chlorobenzene	180		10
2-Chloro-1,3-butadiene	<10		10
Chloroethane	<10		10
Chloroform	1400		10
Chloromethane	<10		10
3-Chloro-1-propene	<10		10
Chlorodibromomethane	<10		10
1,2-Dibromo-3-Chloropropane	<10		10
Ethylene Dibromide	<10		10
Dibromomethane	<10		10
trans-1,4-Dichloro-2-butene	<20		20
Dichlorodifluoromethane	<10		10
1,1-Dichloroethane	<10		10
1,2-Dichloroethane	63		10
cis-1,2-Dichloroethene	<10		10
trans-1,2-Dichloroethene	<10		10
1,1-Dichloroethene	<10		10
1,2-Dichloropropane	<10		10
cis-1,3-Dichloropropene	<10		10
trans-1,3-Dichloropropene	<10		10
Ethylbenzene	22		10
Ethyl methacrylate	<10		10
2-Hexanone	<100		100
Iodomethane	<50		50
Isobutyl alcohol	<400		400
Methacrylonitrile	<200		200
Methylene Chloride	230		50
Methyl methacrylate	<10		10
4-Methyl-2-pentanone (MIBK)	<100		100
Pentachloroethane	<50		50
Propionitrile	<200		200
Styrene	<10		10
1,1,1,2-Tetrachloroethane	<10		10
1,1,2,2-Tetrachloroethane	<10		10
Tetrachloroethene	<10		10
Toluene	10		10
1,1,1-Trichloroethane	<10		10

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW08-051210

Lab Sample ID: 680-57679-16

Date Sampled: 05/13/2010 1155

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168782	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	o0697.d
Dilution:	10		Initial Weight/Volume:	5 mL
Date Analyzed:	05/17/2010 1317		Final Weight/Volume:	5 mL
Date Prepared:	05/17/2010 1317			

Analyte	Result (ug/L)	Qualifier	RL
1,1,2-Trichloroethane	<10		10
Trichloroethene	<10		10
Trichlorofluoromethane	<10		10
1,2,3-Trichloropropane	<10		10
Vinyl acetate	<20		20
Vinyl chloride	<10		10
Xylenes, Total	<20		20

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	91		75 - 120
Dibromofluoromethane	106		75 - 121
Toluene-d8 (Surr)	100		75 - 120

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW08-051210

Lab Sample ID: 680-57679-16

Date Sampled: 05/13/2010 1155

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168787	Instrument ID:	MSO2
Preparation:	5030B		Lab File ID:	o0684.d
Dilution:	100		Initial Weight/Volume:	5 mL
Date Analyzed:	05/16/2010 1943		Final Weight/Volume:	5 mL
Date Prepared:	05/16/2010 1943			

Analyte	Result (ug/L)	Qualifier	RL
Benzene	2900		100
Carbon tetrachloride	8000		100

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	102		75 - 120
Dibromofluoromethane	106		75 - 121
Toluene-d8 (Surr)	100		75 - 120

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW17-051210

Lab Sample ID: 680-57679-17

Date Sampled: 05/13/2010 1204

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168782	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o0699.d
Dilution:	100		Initial Weight/Volume: 5 mL
Date Analyzed:	05/17/2010 1346		Final Weight/Volume: 5 mL
Date Prepared:	05/17/2010 1346		

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<2500		2500
Acetonitrile	<4000		4000
Acrolein	<2000		2000
Acrylonitrile	<2000		2000
Benzene	7500		100
Dichlorobromomethane	<100		100
Bromoform	<100		100
Bromomethane	<100		100
2-Butanone (MEK)	<1000		1000
Carbon disulfide	<200		200
Chlorobenzene	740		100
2-Chloro-1,3-butadiene	<100		100
Chloroethane	<100		100
Chloroform	8400		100
Chloromethane	<100		100
3-Chloro-1-propene	<100		100
Chlorodibromomethane	<100		100
1,2-Dibromo-3-Chloropropane	<100		100
Ethylene Dibromide	<100		100
Dibromomethane	<100		100
trans-1,4-Dichloro-2-butene	<200		200
Dichlorodifluoromethane	<100		100
1,1-Dichloroethane	<100		100
1,2-Dichloroethane	<100		100
cis-1,2-Dichloroethene	<100		100
trans-1,2-Dichloroethene	<100		100
1,1-Dichloroethene	<100		100
1,2-Dichloropropane	<100		100
cis-1,3-Dichloropropene	<100		100
trans-1,3-Dichloropropene	<100		100
Ethylbenzene	230		100
Ethyl methacrylate	<100		100
2-Hexanone	<1000		1000
Iodomethane	<500		500
Isobutyl alcohol	<4000		4000
Methacrylonitrile	<2000		2000
Methylene Chloride	660		500
Methyl methacrylate	<100		100
4-Methyl-2-pentanone (MIBK)	<1000		1000
Pentachloroethane	<500		500
Propionitrile	<2000		2000
Styrene	<100		100
1,1,1,2-Tetrachloroethane	<100		100
1,1,2,2-Tetrachloroethane	<100		100
Tetrachloroethene	<100		100
Toluene	520		100

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW17-051210

Lab Sample ID: 680-57679-17

Client Matrix: Water

Date Sampled: 05/13/2010 1204

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method: 8260B Analysis Batch: 680-168782 Instrument ID: MSO
Preparation: 5030B Lab File ID: o0699.d
Dilution: 100 Initial Weight/Volume: 5 mL
Date Analyzed: 05/17/2010 1346 Final Weight/Volume: 5 mL
Date Prepared: 05/17/2010 1346

Analyte	Result (ug/L)	Qualifier	RL
1,1,1-Trichloroethane	<100		100
1,1,2-Trichloroethane	<100		100
Trichloroethene	<100		100
Trichlorofluoromethane	<100		100
1,2,3-Trichloropropane	<100		100
Vinyl acetate	<200		200
Vinyl chloride	<100		100
Xylenes, Total	830		200

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	91		75 - 120
Dibromofluoromethane	109		75 - 121
Toluene-d8 (Surr)	99		75 - 120

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-MW17-051210

Lab Sample ID: 680-57679-17

Date Sampled: 05/13/2010 1204

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168787	Instrument ID:	M502
Preparation:	5030B		Lab File ID:	o0686.d
Dilution:	500		Initial Weight/Volume:	5 mL
Date Analyzed:	05/16/2010 2012		Final Weight/Volume:	5 mL
Date Prepared:	05/16/2010 2012			

Analyte	Result (ug/L)	Qualifier	RL
Carbon tetrachloride	40000		500

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene	101		75 - 120
Dibromofluoromethane	110		75 - 121
Toluene-d8 (Surr)	100		75 - 120

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-RS03-051210

Lab Sample ID: 680-57679-18RB

Date Sampled: 05/13/2010 0914

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168840	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o0677.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/16/2010 1803		Final Weight/Volume: 5 mL
Date Prepared:	05/16/2010 1803		

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
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<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
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-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
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: HER-RS03-051210

Lab Sample ID: 680-57679-18RB

Date Sampled: 05/13/2010 0914

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168840	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o0677.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/16/2010 1803		Final Weight/Volume: 5 mL
Date Prepared:	05/16/2010 1803		

Analyte	Result (ug/L)	Qualifier	RL
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	Qualifier	Acceptance Limits
4-Bromofluorobenzene	90		75 - 120
Dibromofluoromethane	107		75 - 121
Toluene-d8 (Surr)	99		75 - 120

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-57679-19TB

Date Sampled: 05/13/2010 0000

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168840	Instrument ID: MSO
Preparation:	5030B		Lab File ID: o0657.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	05/16/2010 1317		Final Weight/Volume: 5 mL
Date Prepared:	05/16/2010 1317		

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
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<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
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-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
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0

Analytical Data

Client: Ashland Inc.

Job Number: 680-57679-1

Client Sample ID: Trip Blank

Lab Sample ID: 680-57679-19TB

Date Sampled: 05/13/2010 0000

Client Matrix: Water

Date Received: 05/14/2010 0922

8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 680-168840	Instrument ID:	MSO
Preparation:	5030B		Lab File ID:	o0657.d
Dilution:	1.0		Initial Weight/Volume:	5 mL
Date Analyzed:	05/16/2010 1317		Final Weight/Volume:	5 mL
Date Prepared:	05/16/2010 1317			

Analyte	Result (ug/L)	Qualifier	RL
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	Qualifier	Acceptance Limits
4-Bromofluorobenzene	88		75 - 120
Dibromofluoromethane	108		75 - 121
Toluene-d8 (Surr)	99		75 - 120

DATA REPORTING QUALIFIERS

Client: Ashland Inc.

Job Number: 680-57679-1

Lab Section	Qualifier	Description
GC/MS VOA	F	MS or MSD exceeds the control limits
	X	Surrogate is outside control limits

QUALITY CONTROL RESULTS

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC/MS VOA					
Analysis Batch:680-168772					
LCS 680-168772/13	Lab Control Sample	T	Water	8260B	
LCSD 680-168772/14	Lab Control Sample Duplicate	T	Water	8260B	
MB 680-168772/16	Method Blank	T	Water	8260B	
680-57679-1	HER-MW19-051210	T	Water	8260B	
680-57679-2	HER-MW24-051210	T	Water	8260B	
680-57679-3RB	HER-RS02-051210	T	Water	8260B	
680-57679-4FD	HER-FD02-051210	T	Water	8260B	
Analysis Batch:680-168782					
LCS 680-168782/5	Lab Control Sample	T	Water	8260B	
LCSD 680-168782/6	Lab Control Sample Duplicate	T	Water	8260B	
MB 680-168782/8	Method Blank	T	Water	8260B	
680-57679-12	HER-MW14-051210	T	Water	8260B	
680-57679-15	HER-MW13-051210	T	Water	8260B	
680-57679-16	HER-MW08-051210	T	Water	8260B	
680-57679-17	HER-MW17-051210	T	Water	8260B	
Analysis Batch:680-168787					
LCS 680-168787/14	Lab Control Sample	T	Water	8260B	
LCSD 680-168787/15	Lab Control Sample Duplicate	T	Water	8260B	
MB 680-168787/17	Method Blank	T	Water	8260B	
680-57679-6MS	Matrix Spike	T	Water	8260B	
680-57679-6MSD	Matrix Spike Duplicate	T	Water	8260B	
680-57679-16	HER-MW08-051210	T	Water	8260B	
680-57679-17	HER-MW17-051210	T	Water	8260B	
Analysis Batch:680-168840					
LCS 680-168840/20	Lab Control Sample	T	Water	8260B	
LCSD 680-168840/21	Lab Control Sample Duplicate	T	Water	8260B	
MB 680-168840/24	Method Blank	T	Water	8260B	
680-57679-5	HER-MW23-051210	T	Water	8260B	
680-57679-6	HER-MW20-051210	T	Water	8260B	
680-57679-7	HER-MW21-051210	T	Water	8260B	
680-57679-8	HER-MW22-051210	T	Water	8260B	
680-57679-9	HER-MW18-051210	T	Water	8260B	
680-57679-10	HER-MW07-051210	T	Water	8260B	
680-57679-11	HER-MW16-051210	T	Water	8260B	
680-57679-13	HER-MW15-051210	T	Water	8260B	
680-57679-14	HER-MW09-051210	T	Water	8260B	
680-57679-15	HER-MW13-051210	T	Water	8260B	
680-57679-18RB	HER-RS03-051210	T	Water	8260B	
680-57679-19TB	Trip Blank	T	Water	8260B	

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Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

QC Association Summary

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Report Basis</u>	<u>Client Matrix</u>	<u>Method</u>	<u>Prep Batch</u>
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Report Basis

T = Total

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	TOL %Rec
680-57679-1	HER-MW19-051210	98	107	101
680-57679-2	HER-MW24-051210	98	108	102
680-57679-3	HER-RS02-051210	98	108	102
680-57679-4	HER-FD02-051210	98	109	102
680-57679-5	HER-MW23-051210	91	103	99
680-57679-6	HER-MW20-051210	89	107	100
680-57679-7	HER-MW21-051210	90	104	100
680-57679-8	HER-MW22-051210	88	109	99
680-57679-9	HER-MW18-051210	89	107	98
680-57679-10	HER-MW07-051210	88	108	99
680-57679-11	HER-MW16-051210	89	106	100
680-57679-12	HER-MW14-051210	91	109	98
680-57679-13	HER-MW15-051210	89	109	99
680-57679-14	HER-MW09-051210	89	107	100
680-57679-15	HER-MW13-051210	92	104	99
680-57679-15	HER-MW13-051210	90	107	100
680-57679-16	HER-MW08-051210	91	106	100
680-57679-16	HER-MW08-051210	102	106	100
680-57679-17	HER-MW17-051210	91	109	99
680-57679-17	HER-MW17-051210	101	110	100
680-57679-18	HER-RS03-051210	90	107	99
680-57679-19	Trip Blank	88	108	99
MB 680-168772/16		98	110	100
MB 680-168782/8		90	110	99
MB 680-168787/17		99	110	100
MB 680-168840/24		88	108	100
LCS 680-168772/13		102	111	99
LCS 680-168782/5		93	107	96
LCS 680-168787/14		103	114	100

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

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	BFB %Rec	DBFM %Rec	TOL %Rec
LCS 680-168840/20		94	109	98
LCSD 680-168772/14		101	107	96
LCSD 680-168782/6		91	107	96
LCSD 680-168787/15		102	113	97
LCSD 680-168840/21		93	110	98
680-57679-6 MS	HER-MW20-051210 MS	104	120	104
680-57679-6 MSD	HER-MW20-051210 MSD	108	127X	109

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

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

Method Blank - Batch: 680-168772

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-168772/16
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2010 1603
Date Prepared: 05/15/2010 1603

Analysis Batch: 680-168772
Prep Batch: N/A
Units: ug/L

Instrument ID: MS02
Lab File ID: oq364.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
Bromofom	<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
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<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
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-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

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

Method Blank - Batch: 680-168772

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-168772/16
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2010 1603
Date Prepared: 05/15/2010 1603

Analysis Batch: 680-168772
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO2
Lab File ID: oq364.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	98	75 - 120
Dibromofluoromethane	110	75 - 121
Toluene-d8 (Surr)	100	75 - 120

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-168772**

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

LCS Lab Sample ID: LCS 680-168772/13
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2010 1408
Date Prepared: 05/15/2010 1408

Analysis Batch: 680-168772
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO2
Lab File ID: oq354.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-168772/14
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2010 1437
Date Prepared: 05/15/2010 1437

Analysis Batch: 680-168772
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO2
Lab File ID: oq356.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Acetone	98	98	17 - 175	0	50		
Benzene	100	97	77 - 119	3	30		
Dichlorobromomethane	91	89	78 - 127	1	30		
Bromoform	76	78	62 - 133	3	30		
Bromomethane	78	84	12 - 184	8	50		
2-Butanone (MEK)	104	104	33 - 157	0	30		
Carbon disulfide	116	111	55 - 131	4	30		
Carbon tetrachloride	80	79	71 - 135	1	30		
Chlorobenzene	99	100	85 - 116	0	30		
Chloroethane	95	96	40 - 165	1	50		
Chloroform	108	105	82 - 120	2	30		
Chloromethane	112	105	48 - 142	6	50		
Chlorodibromomethane	89	90	75 - 133	2	30		
1,2-Dibromo-3-Chloropropane	76	84	49 - 140	10	30		
Ethylene Dibromide	85	84	80 - 121	1	30		
Dibromomethane	88	86	78 - 119	2	30		
Dichlorodifluoromethane	117	113	34 - 154	3	30		
1,1-Dichloroethane	111	107	74 - 127	4	30		
1,2-Dichloroethane	86	85	66 - 132	2	30		
cis-1,2-Dichloroethene	109	107	69 - 134	2	30		
trans-1,2-Dichloroethene	112	108	72 - 131	4	30		
1,1-Dichloroethene	109	107	62 - 141	2	30		
1,2-Dichloropropane	100	99	73 - 124	1	30		
cis-1,3-Dichloropropene	95	92	76 - 126	3	30		
trans-1,3-Dichloropropene	87	84	73 - 128	4	30		
Ethylbenzene	100	99	86 - 116	0	30		
2-Hexanone	84	90	34 - 161	7	30		
Methylene Chloride	112	107	70 - 125	5	30		
4-Methyl-2-pentanone (MIBK)	80	81	40 - 151	1	30		
Styrene	100	99	82 - 122	1	30		
1,1,1,2-Tetrachloroethane	87	88	81 - 128	2	30		
1,1,2,2-Tetrachloroethane	84	86	69 - 129	2	30		
Tetrachloroethene	97	96	76 - 126	0	30		

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-168772**

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

LCS Lab Sample ID: LCS 680-168772/13
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2010 1408
Date Prepared: 05/15/2010 1408

Analysis Batch: 680-168772
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO2
Lab File ID: oq354.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-168772/14
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/15/2010 1437
Date Prepared: 05/15/2010 1437

Analysis Batch: 680-168772
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO2
Lab File ID: oq356.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Toluene	100	95	81 - 117	4	30		
1,1,1-Trichloroethane	89	88	76 - 127	1	30		
1,1,2-Trichloroethane	89	87	75 - 121	2	30		
Trichloroethene	95	94	84 - 115	2	30		
Trichlorofluoromethane	97	94	58 - 149	4	50		
1,2,3-Trichloropropane	89	93	70 - 130	5	30		
Vinyl acetate	98	96	10 - 217	1	30		
Vinyl chloride	104	100	59 - 144	3	50		
Xylenes, Total	99	99	84 - 118	0	30		
Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits				
4-Bromofluorobenzene	102	101	75 - 120				
Dibromofluoromethane	111	107	75 - 121				
Toluene-d8 (Surr)	99	96	75 - 120				

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

Method Blank - Batch: 680-168782

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-168782/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2010 1107
Date Prepared: 05/17/2010 1107

Analysis Batch: 680-168782
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO
Lab File ID: oq391.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
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<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
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-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

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

Method Blank - Batch: 680-168782

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

Lab Sample ID: MB 680-168782/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2010 1107
Date Prepared: 05/17/2010 1107

Analysis Batch: 680-168782
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO
Lab File ID: oq391.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,1,2,2-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	110	75 - 121
Toluene-d8 (Surr)	99	75 - 120

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-168782**

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

LCS Lab Sample ID: LCS 680-168782/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2010 0913
Date Prepared: 05/17/2010 0913

Analysis Batch: 680-168782
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO
Lab File ID: oq383.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-168782/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2010 0941
Date Prepared: 05/17/2010 0941

Analysis Batch: 680-168782
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO
Lab File ID: oq385.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Acetone	102	102	17 - 175	0	50		
Benzene	96	96	77 - 119	0	30		
Dichlorobromomethane	89	90	78 - 127	2	30		
Bromoform	81	82	62 - 133	1	30		
Bromomethane	86	93	12 - 184	8	50		
2-Butanone (MEK)	88	89	33 - 157	1	30		
Carbon disulfide	111	108	55 - 131	3	30		
Carbon tetrachloride	78	77	71 - 135	2	30		
Chlorobenzene	97	95	85 - 116	2	30		
Chloroethane	96	101	40 - 165	5	50		
Chloroform	105	107	82 - 120	1	30		
Chloromethane	97	95	48 - 142	2	50		
Chlorodibromomethane	83	83	75 - 133	0	30		
1,2-Dibromo-3-Chloropropane	86	89	49 - 140	3	30		
Ethylene Dibromide	89	88	80 - 121	0	30		
Dibromomethane	86	87	78 - 119	1	30		
Dichlorodifluoromethane	102	98	34 - 154	4	30		
1,1-Dichloroethane	108	106	74 - 127	1	30		
1,2-Dichloroethane	81	82	66 - 132	2	30		
cis-1,2-Dichloroethene	97	97	69 - 134	1	30		
trans-1,2-Dichloroethene	106	104	72 - 131	2	30		
1,1-Dichloroethene	111	108	62 - 141	3	30		
1,2-Dichloropropane	97	98	73 - 124	0	30		
cis-1,3-Dichloropropene	87	87	76 - 126	0	30		
trans-1,3-Dichloropropene	81	82	73 - 128	0	30		
Ethylbenzene	100	97	86 - 116	3	30		
2-Hexanone	88	88	34 - 161	0	30		
Methylene Chloride	110	109	70 - 125	0	30		
4-Methyl-2-pentanone (MIBK)	82	84	40 - 151	3	30		
Styrene	99	97	82 - 122	2	30		
1,1,1,2-Tetrachloroethane	92	90	81 - 128	2	30		
1,1,2,2-Tetrachloroethane	85	87	69 - 129	2	30		
Tetrachloroethene	93	90	76 - 126	3	30		

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-168782**

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

LCS Lab Sample ID: LCS 680-168782/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2010 0913
Date Prepared: 05/17/2010 0913

Analysis Batch: 680-168782
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO
Lab File ID: oq383.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-168782/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/17/2010 0941
Date Prepared: 05/17/2010 0941

Analysis Batch: 680-168782
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO
Lab File ID: oq385.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Toluene	96	95	81 - 117	1	30		
1,1,1-Trichloroethane	89	88	76 - 127	0	30		
1,1,2-Trichloroethane	88	89	75 - 121	2	30		
Trichloroethene	95	94	84 - 115	1	30		
Trichlorofluoromethane	91	87	58 - 149	4	50		
1,2,3-Trichloropropane	93	94	70 - 130	1	30		
Vinyl acetate	94	93	10 - 217	1	30		
Vinyl chloride	90	87	59 - 144	3	50		
Xylenes, Total	98	97	84 - 118	2	30		
Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits				
4-Bromofluorobenzene	93	91	75 - 120				
Dibromofluoromethane	107	107	75 - 121				
Toluene-d8 (Surr)	96	96	75 - 120				

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

Method Blank - Batch: 680-168787

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-168787/17
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2010 1303
Date Prepared: 05/16/2010 1303

Analysis Batch: 680-168787
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO2
Lab File ID: oq378.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
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<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
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-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

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

Method Blank - Batch: 680-168787

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

Lab Sample ID: MB 680-168787/17
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 05/16/2010 1303
 Date Prepared: 05/16/2010 1303

Analysis Batch: 680-168787
 Prep Batch: N/A
 Units: ug/L

Instrument ID: MSO2
 Lab File ID: oq378.d
 Initial Weight/Volume: 5 mL
 Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
1,1,1,2-Tetrachloroethane	<1.0		1.0
1,1,1,2,2-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	99	75 - 120
Dibromofluoromethane	110	75 - 121
Toluene-d8 (Surr)	100	75 - 120

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-168787

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 680-168787/14
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2010 1108
Date Prepared: 05/16/2010 1108

Analysis Batch: 680-168787
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO2
Lab File ID: oq370.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-168787/15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2010 1137
Date Prepared: 05/16/2010 1137

Analysis Batch: 680-168787
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO2
Lab File ID: oq372.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Acetone	95	98	17 - 175	3	50		
Benzene	99	96	77 - 119	3	30		
Dichlorobromomethane	92	92	78 - 127	1	30		
Bromoform	82	81	62 - 133	1	30		
Bromomethane	74	80	12 - 184	7	50		
2-Butanone (MEK)	103	102	33 - 157	0	30		
Carbon disulfide	116	115	55 - 131	1	30		
Carbon tetrachloride	83	80	71 - 135	3	30		
Chlorobenzene	102	102	85 - 116	0	30		
Chloroethane	97	95	40 - 165	1	50		
Chloroform	109	109	82 - 120	1	30		
Chloromethane	107	106	48 - 142	1	50		
Chlorodibromomethane	95	95	75 - 133	0	30		
1,2-Dibromo-3-Chloropropane	86	83	49 - 140	3	30		
Ethylene Dibromide	88	84	80 - 121	5	30		
Dibromomethane	87	85	78 - 119	3	30		
Dichlorodifluoromethane	115	114	34 - 154	2	30		
1,1-Dichloroethane	113	111	74 - 127	2	30		
1,2-Dichloroethane	86	85	66 - 132	2	30		
cis-1,2-Dichloroethene	111	111	69 - 134	0	30		
trans-1,2-Dichloroethene	113	111	72 - 131	2	30		
1,1-Dichloroethene	111	110	62 - 141	1	30		
1,2-Dichloropropane	102	96	73 - 124	6	30		
cis-1,3-Dichloropropene	96	93	76 - 126	3	30		
trans-1,3-Dichloropropene	87	85	73 - 128	2	30		
Ethylbenzene	102	101	86 - 116	1	30		
2-Hexanone	86	86	34 - 161	0	30		
Methylene Chloride	113	114	70 - 125	1	30		
4-Methyl-2-pentanone (MIBK)	78	77	40 - 151	2	30		
Styrene	101	101	82 - 122	0	30		
1,1,1,2-Tetrachloroethane	90	91	81 - 128	1	30		
1,1,1,2,2-Tetrachloroethane	84	84	69 - 129	1	30		
Tetrachloroethene	101	101	76 - 126	0	30		

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-168787**

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

LCS Lab Sample ID: LCS 680-168787/14
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2010 1108
Date Prepared: 05/16/2010 1108

Analysis Batch: 680-168787
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO2
Lab File ID: oq370.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-168787/15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2010 1137
Date Prepared: 05/16/2010 1137

Analysis Batch: 680-168787
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO2
Lab File ID: oq372.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Toluene	98	97	81 - 117	1	30		
1,1,1-Trichloroethane	90	87	76 - 127	3	30		
1,1,2-Trichloroethane	87	86	75 - 121	2	30		
Trichloroethene	98	96	84 - 115	2	30		
Trichlorofluoromethane	95	93	58 - 149	3	50		
1,2,3-Trichloropropane	92	91	70 - 130	1	30		
Vinyl acetate	96	96	10 - 217	1	30		
Vinyl chloride	101	100	59 - 144	1	50		
Xylenes, Total	102	100	84 - 118	1	30		
Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits				
4-Bromofluorobenzene	103	102	75 - 120				
Dibromofluoromethane	114	113	75 - 121				
Toluene-d8 (Surr)	100	97	75 - 120				

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-168787**

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

MS Lab Sample ID: 680-57679-6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2010 2040
Date Prepared: 05/16/2010 2040

Analysis Batch: 680-168787
Prep Batch: N/A

Instrument ID: MSO2
Lab File ID: o0688.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-57679-6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2010 2109
Date Prepared: 05/16/2010 2109

Analysis Batch: 680-168787
Prep Batch: N/A

Instrument ID: MSO2
Lab File ID: o0690.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Acetone	98	107	17 - 175	9	50		
Benzene	105	110	77 - 119	4	30		
Dichlorobromomethane	97	101	78 - 127	3	30		
Bromoform	80	83	62 - 133	3	30		
Bromomethane	34	52	12 - 184	42	50		
2-Butanone (MEK)	100	104	33 - 157	3	30		
Carbon disulfide	120	126	55 - 131	5	30		
Carbon tetrachloride	89	94	71 - 135	6	30		
Chlorobenzene	102	108	85 - 116	5	30		
Chloroethane	143	127	40 - 165	11	50		
Chloroform	121	126	82 - 120	4	30	F	F
Chloromethane	116	122	48 - 142	5	50		
Chlorodibromomethane	93	94	75 - 133	2	30		
1,2-Dibromo-3-Chloropropane	80	87	49 - 140	8	30		
Ethylene Dibromide	89	92	80 - 121	4	30		
Dibromomethane	89	92	78 - 119	4	30		
Dichlorodifluoromethane	145	154	34 - 154	6	30		
1,1-Dichloroethane	124	131	74 - 127	5	30		F
1,2-Dichloroethane	88	91	66 - 132	3	30		
cis-1,2-Dichloroethene	122	128	69 - 134	5	30		
trans-1,2-Dichloroethene	125	133	72 - 131	6	30		F
1,1-Dichloroethene	121	127	62 - 141	5	30		
1,2-Dichloropropane	106	108	73 - 124	2	30		
cis-1,3-Dichloropropene	93	97	76 - 126	5	30		
trans-1,3-Dichloropropene	84	87	73 - 128	3	30		
Ethylbenzene	104	109	86 - 116	5	30		
2-Hexanone	80	83	34 - 161	4	30		
Methylene Chloride	122	128	70 - 125	4	30		F
4-Methyl-2-pentanone (MIBK)	77	78	40 - 151	2	30		
Styrene	101	107	82 - 122	5	30		

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-168787**

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

MS Lab Sample ID: 680-57679-6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2010 2040
Date Prepared: 05/16/2010 2040

Analysis Batch: 680-168787
Prep Batch: N/A

Instrument ID: MSO2
Lab File ID: o0688.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 680-57679-6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2010 2109
Date Prepared: 05/16/2010 2109

Analysis Batch: 680-168787
Prep Batch: N/A

Instrument ID: MSO2
Lab File ID: o0690.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,1,1,2-Tetrachloroethane	92	97	81 - 128	5	30		
1,1,2,2-Tetrachloroethane	85	86	69 - 129	2	30		
Tetrachloroethene	100	107	76 - 126	6	30		
Toluene	105	110	81 - 117	4	30		
1,1,1-Trichloroethane	95	101	76 - 127	6	30		
1,1,2-Trichloroethane	91	95	75 - 121	4	30		
Trichloroethene	102	109	84 - 115	6	30		
Trichlorofluoromethane	111	114	58 - 149	3	50		
1,2,3-Trichloropropane	91	93	70 - 130	3	30		
Vinyl acetate	144	146	10 - 217	1	30		
Vinyl chloride	114	116	59 - 144	2	50		
Xylenes, Total	102	107	84 - 118	5	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene	104	108	75 - 120
Dibromofluoromethane	120	127	75 - 121
Toluene-d8 (Surr)	104	109	75 - 120

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

Method Blank - Batch: 680-168840

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-168840/24
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2010 1248
Date Prepared: 05/16/2010 1248

Analysis Batch: 680-168840
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO
Lab File ID: oq377.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
2-Chloro-1,3-butadiene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<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
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,1-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

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

Method Blank - Batch: 680-168840

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

Lab Sample ID: MB 680-168840/24
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2010 1248
Date Prepared: 05/16/2010 1248

Analysis Batch: 680-168840
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO
Lab File ID: oq377.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

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

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	88	75 - 120
Dibromofluoromethane	108	75 - 121
Toluene-d8 (Surr)	100	75 - 120

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-168840

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 680-168840/20
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2010 1054
Date Prepared: 05/16/2010 1054

Analysis Batch: 680-168840
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO
Lab File ID: oq369.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-168840/21
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2010 1122
Date Prepared: 05/16/2010 1122

Analysis Batch: 680-168840
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO
Lab File ID: oq371.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Acetone	109	109	17 - 175	0	50		
Benzene	99	98	77 - 119	1	30		
Dichlorobromomethane	92	90	78 - 127	3	30		
Bromoform	83	84	62 - 133	2	30		
Bromomethane	91	97	12 - 184	6	50		
2-Butanone (MEK)	95	95	33 - 157	0	30		
Carbon disulfide	114	115	55 - 131	1	30		
Carbon tetrachloride	79	79	71 - 135	1	30		
Chlorobenzene	98	98	85 - 116	0	30		
Chloroethane	119	116	40 - 165	3	50		
Chloroform	108	110	82 - 120	2	30		
Chloromethane	103	108	48 - 142	4	50		
Chlorodibromomethane	84	85	75 - 133	1	30		
1,2-Dibromo-3-Chloropropane	83	88	49 - 140	6	30		
Ethylene Dibromide	90	90	80 - 121	1	30		
Dibromomethane	91	89	78 - 119	2	30		
Dichlorodifluoromethane	116	115	34 - 154	1	30		
1,1-Dichloroethane	109	112	74 - 127	3	30		
1,2-Dichloroethane	87	84	66 - 132	4	30		
cis-1,2-Dichloroethene	98	101	69 - 134	3	30		
trans-1,2-Dichloroethene	106	109	72 - 131	3	30		
1,1-Dichloroethene	113	115	62 - 141	2	30		
1,2-Dichloropropane	98	98	73 - 124	0	30		
cis-1,3-Dichloropropene	90	87	76 - 126	3	30		
trans-1,3-Dichloropropene	83	82	73 - 128	2	30		
Ethylbenzene	99	101	86 - 116	1	30		
2-Hexanone	91	92	34 - 161	1	30		
Methylene Chloride	112	111	70 - 125	1	30		
4-Methyl-2-pentanone (MIBK)	87	87	40 - 151	0	30		
Styrene	100	99	82 - 122	1	30		
1,1,1,2-Tetrachloroethane	91	91	81 - 128	0	30		
1,1,2,2-Tetrachloroethane	89	88	69 - 129	1	30		
Tetrachloroethene	92	94	76 - 126	2	30		

Quality Control Results

Client: Ashland Inc.

Job Number: 680-57679-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 680-168840**

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

LCS Lab Sample ID: LCS 680-168840/20
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2010 1054
Date Prepared: 05/16/2010 1054

Analysis Batch: 680-168840
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO
Lab File ID: oq369.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-168840/21
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/16/2010 1122
Date Prepared: 05/16/2010 1122

Analysis Batch: 680-168840
Prep Batch: N/A
Units: ug/L

Instrument ID: MSO
Lab File ID: oq371.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Toluene	99	98	81 - 117	1	30		
1,1,1-Trichloroethane	92	91	76 - 127	1	30		
1,1,2-Trichloroethane	92	89	75 - 121	2	30		
Trichloroethene	96	97	84 - 115	1	30		
Trichlorofluoromethane	98	98	58 - 149	1	50		
1,2,3-Trichloropropane	95	98	70 - 130	3	30		
Vinyl acetate	96	96	10 - 217	0	30		
Vinyl chloride	98	99	59 - 144	1	50		
Xylenes, Total	100	100	84 - 118	0	30		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	94		93		75 - 120		
Dibromofluoromethane	109		110		75 - 121		
Toluene-d8 (Surr)	98		98		75 - 120		

Serial Number **U29594**

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

TestAmerica Savannah
 5102 LaRoche Avenue
 Savannah, GA 31404

Alternate Laboratory Name/Location

Phone:
 Fax:

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

PROJECT REFERENCE: **Ashland (Fume Hercules)**
 TAL (LAB) PROJECT MANAGER: **Lidya Gulizia**
 CLIENT(SITE) PM: **Tim Hassett/Chris Waters**
 CLIENT NAME: **Ashland Chemical/ESI**
 CLIENT ADDRESS: **Hercules Research Center**
500 Hercules Rd. Wilmington, DE 19808
 COMPANY CONTRACTING THIS WORK (if applicable)

PROJECT LOCATION (STATE): **MS**
 CONTRACT NO.:
 CLIENT FAX:
 CLIENT PHONE: **302-995-3456**
 CLIENT E-MAIL: **Chris.Waters@eco-systems inc.com**

MATRIX TYPE:
 AQUEOUS (WATER)
 SOLID OR SEMISOLID
 AIR
 NONAQUEOUS LIQUID (OIL, SOLVENT, ...)

REQUIRED ANALYSIS:
 STANDARD REPORT DELIVERY: **2**
 DATE DUE: **2**
 EXPEDITED REPORT DELIVERY (SURCHARGE): **0**
 DATE DUE:
 NUMBER OF COOLERS SUBMITTED PER SHIPMENT:
 REMARKS:

SAMPLE ID	DATE	TIME	SAMPLE IDENTIFICATION	MATRIX TYPE	COMPOSITE (C) OR GRAB (G) INDICATE	NUMBER OF CONTAINERS SUBMITTED		REMARKS
						DATE	TIME	
SR12-10	1035		HER-MW19-051210	GX		3		
SR12-10	1057		HER-MW24-051210	GX		3		Rinse
SR12-10	0950		HER-RS02-051210	GX		3		Field Duplicate
SR12-10	NA		HER-FD02-051210	GX		3		
S-12-10	1202		HER-MW23-051210	GX		3		MS/MSD obtained
S-12-10	1210		HER-MW20-051210 (MS & MSD)	GX		9		
S-12-10	1433		HER-MW21-051210	GX		3		
S-12-10	1450		HER-MW22-051210	GX		3		
S-12-10	1530		HER-MW18-051210	GX		3		
S-12-10	1730		HER-MW07-051210	GX		3		
S-12-10	1628		HER-MW16-051210	GX		3		
S-13-10	1000		HER-MW14-051310	GX		3		

RELINQUISHED BY: (SIGNATURE) **[Signature]** DATE: **5-13-10** TIME: **13:05**
 RECEIVED BY: (SIGNATURE) **[Signature]** DATE: TIME:
 SAVANNAH CUSTODY SEAL NO. **680-57679**
 LABORATORY REMARKS: **Temp 1.4**
 RECEIVED FOR LABORATORY BY: (SIGNATURE) **Betha Daugherty** DATE: **5/14/10** TIME: **0922**
 CUSTODY INTACT: YES NO

Serial Number 029595

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

TestAmerica Savannah
 5102 LaRoche Avenue
 Savannah, GA 31404

TestAmerica

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

THE LEADER IN ENVIRONMENTAL TESTING

Alternate Laboratory Name/Location

Phone:
 Fax:

PROJECT REFERENCE		PROJECT NO.	PROJECT LOCATION (STATE)	CONTRACT NO.	MATRIX TYPE	REQUIRED ANALYSIS	PAGE	OF
Ashland (Former Hercules)			MS				2	2
TAL (LAB) PROJECT MANAGER	Lidya Gouliava	P.O. NUMBER	CLIENT PHONE	CLIENT FAX			STANDARD REPORT DELIVERY	
CLIENT (SITE) PM	Tim Hassett / Chris Waters	CLIENT E-MAIL	302-995-3456				DATE DUE	X
CLIENT NAME	Ashland Chemical / ESI	CHRIS.WATERS@eco-systems.inc.com					EXPEDITED REPORT DELIVERY (SURCHARGE)	0
CLIENT ADDRESS	Hercules Research Center						DATE DUE	
COMPANY CONTRACTING THIS WORK (if applicable)	500 Hercules Road Wilmington, DE 19808						NUMBER OF COOLERS SUBMITTED PER SHIPMENT:	
SAMPLE IDENTIFICATION					REMARKS			
ID	DATE	TIME	SAMPLE IDENTIFICATION		MATRIX TYPE	REQUIRED ANALYSIS	PAGE	OF
5-13-10	1100		HER-MW15-051310		NONAQUEOUS LIQUID (OIL, SOLVENT, ...)			
5-13-10	1000		HER-MW09-051310		AIR			
5-13-10	1052		HER-MW13-051310		SOLID OR SEMISOLID			
5-13-10	1155		HER-MW08-051310		AQUEOUS (WATER)			
5-13-10	1204		HER-MW17-051310		COMPOSITE (C) OR GRAB (G) INDICATE			
5-13-10	0914		HER-RS03-051310					
5-13-10	NA		Trip Blank					
RELINQUISHED BY: (SIGNATURE)					RELINQUISHED BY: (SIGNATURE)			
RECEIVED BY: (SIGNATURE)					RECEIVED BY: (SIGNATURE)			
DATE					DATE			
TIME					TIME			
LAB					LAB			
RECEIVED FOR LABORATORY BY: (SIGNATURE)					RECEIVED FOR LABORATORY BY: (SIGNATURE)			
DATE					DATE			
TIME					TIME			
CUSTODY INTACT YES <input type="radio"/> NO <input type="radio"/>					CUSTODY SEAL NO. SAVANNAH LOG NO.			
LABORATORY USE ONLY					LABORATORY REMARKS			

Login Sample Receipt Check List

Client: Ashland Inc.

Job Number: 680-57679-1

Login Number: 57679
 Creator: Daughtry, Beth
 List Number: 1

List Source: TestAmerica Savannah

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.4 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.	False	RS03: Rec'd 1 of the 40ml vials broken.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	