EXECUTIVE SUMMARY - Detection Highlights

E5I210383

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TB_HA092105_0001 09/21/05 12:00 002				
Acetone	5.2 J	10	ug/L	SW846 8260B
MWG003_WG092105_0001 09/21/05 12:05 003				
trans-1,2-Dichloroethene	0.45 J	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	15	1.0	ug/L	SW846 8260B
Chloroform	0.59 J	1.0	ug/L	SW846 8260B
Trichloroethene	74	1.0	ug/L	SW846 8260B
MWG003_WG092105_0002 09/21/05 12:10 004				
trans-1,2-Dichloroethene	0.42 J	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	14	1.0	ug/L	SW846 8260B
Chloroform	0.60 J	1.0	ug/L	SW846 8260B
Trichloroethene	72	1.0	ug/L	SW846 8260B
MWG004_WG092105_0001 09/21/05 14:35 005				
Trichloroethene	13	1.0	ug/L	SW846 8260B

METHODS SUMMARY

E5I210383

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

E5I210383

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HK393	001	FB_HA092105_0001	09/21/05	11:55
HK398	002	TB_HA092105_0001	09/21/05	12:00
HK4AC	003	MWG003_WG092105_0001	09/21/05	12:05
HK4AF	004	MWG003_WG092105_0002	09/21/05	12:10
HK4AG	005	MWG004_WG092105_0001	09/21/05	14:35
HK4AJ	006	EB_HA092105_0001	09/21/05	13:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Haley & Aldrich Inc.

Client Sample ID: FB_HA092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210383-001 **Work Order #...:** HK3931AA **Matrix.....:** WG
Date Sampled...: 09/21/05 11:55 **Date Received..:** 09/21/05 17:10 **MS Run #.....:** 5266348
Prep Date.....: 09/23/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266561 **Analysis Time..:** 13:26
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSQ
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	1.0	ug/L	0.40
Chloromethane	ND	2.0	ug/L	0.30
Chloroethane	ND	2.0	ug/L	0.40
Bromomethane	ND	2.0	ug/L	1.0
Trichlorofluoromethane	ND	2.0	ug/L	0.30
1,1-Dichloroethene	ND	1.0	ug/L	0.30
Methylene chloride	ND	1.0	ug/L	0.30
Methyl tert-butyl ether	ND	1.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.40
Acetone	ND	10	ug/L	2.0
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.30
1,1-Dichloroethane	ND	1.0	ug/L	0.20
2,2-Dichloropropane	ND	1.0	ug/L	0.40
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
Chloroform	ND	1.0	ug/L	0.30
Bromochloromethane	ND	1.0	ug/L	0.40
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
2-Butanone	ND	5.0	ug/L	2.5
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Carbon tetrachloride	ND	0.50	ug/L	0.30
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Benzene	ND	1.0	ug/L	0.30
Trichloroethene	ND	1.0	ug/L	0.30
Bromodichloromethane	ND	1.0	ug/L	0.30
4-Methyl-2-pentanone	ND	5.0	ug/L	2.0
Toluene	ND	1.0	ug/L	0.30
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
1,2-Dichloroethane	ND	0.50	ug/L	0.40
Tetrachloroethene	ND	1.0	ug/L	0.40
2-Hexanone	ND	5.0	ug/L	2.0
Dibromochloromethane	ND	1.0	ug/L	0.40
Chlorobenzene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Ethylbenzene	ND	1.0	ug/L	0.30
Vinyl chloride	ND	0.50	ug/L	0.30
Xylenes (total)	ND	1.0	ug/L	0.50
Styrene	ND	1.0	ug/L	0.30

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Haley & Aldrich Inc.

Client Sample ID: FB_HA092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210383-001 **Work Order #...:** HK3931AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromoform	ND	1.0	ug/L	0.40
Isopropylbenzene	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.40
1,2,3-Trichloropropane	ND	1.0	ug/L	0.40
n-Propylbenzene	ND	1.0	ug/L	0.40
Bromobenzene	ND	1.0	ug/L	0.30
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
p-Isopropyltoluene	ND	1.0	ug/L	0.30
1,3-Dichlorobenzene	ND	1.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
n-Butylbenzene	ND	1.0	ug/L	0.30
1,2-Dichlorobenzene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	1.0
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.30
Hexachlorobutadiene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
Acrolein	ND	20	ug/L	10
Tert-amyl methyl ether	ND	2.0	ug/L	0.50
Acrylonitrile	ND	20	ug/L	10
Tert-butyl ethyl ether	ND	2.0	ug/L	0.50
t-Butanol	ND	25	ug/L	6.0
Iodomethane	ND	2.0	ug/L	1.0
Isopropyl ether	ND	2.0	ug/L	0.50
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0
Tetrahydrofuran	ND	10	ug/L	2.0
Vinyl acetate	ND	5.0	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	89	(75 - 130)
1,2-Dichloroethane-d4	97	(65 - 135)
Toluene-d8	97	(80 - 130)

Haley & Aldrich Inc.

Client Sample ID: TB_HA092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210383-002 **Work Order #...:** HK3981AA **Matrix.....:** WG
Date Sampled...: 09/21/05 12:00 **Date Received..:** 09/21/05 17:10 **MS Run #.....:** 5266348
Prep Date.....: 09/23/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266561 **Analysis Time..:** 13:49
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSQ
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	1.0	ug/L	0.40
Chloromethane	ND	2.0	ug/L	0.30
Chloroethane	ND	2.0	ug/L	0.40
Bromomethane	ND	2.0	ug/L	1.0
Trichlorofluoromethane	ND	2.0	ug/L	0.30
1,1-Dichloroethene	ND	1.0	ug/L	0.30
Methylene chloride	ND	1.0	ug/L	0.30
Methyl tert-butyl ether	ND	1.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.40
Acetone	**5.2 J**	**10**	**ug/L**	**2.0**
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.30
1,1-Dichloroethane	ND	1.0	ug/L	0.20
2,2-Dichloropropane	ND	1.0	ug/L	0.40
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
Chloroform	ND	1.0	ug/L	0.30
Bromochloromethane	ND	1.0	ug/L	0.40
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
2-Butanone	ND	5.0	ug/L	2.5
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Carbon tetrachloride	ND	0.50	ug/L	0.30
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Benzene	ND	1.0	ug/L	0.30
Trichloroethene	ND	1.0	ug/L	0.30
Bromodichloromethane	ND	1.0	ug/L	0.30
4-Methyl-2-pentanone	ND	5.0	ug/L	2.0
Toluene	ND	1.0	ug/L	0.30
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
1,2-Dichloroethane	ND	0.50	ug/L	0.40
Tetrachloroethene	ND	1.0	ug/L	0.40
2-Hexanone	ND	5.0	ug/L	2.0
Dibromochloromethane	ND	1.0	ug/L	0.40
Chlorobenzene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Ethylbenzene	ND	1.0	ug/L	0.30
Vinyl chloride	ND	0.50	ug/L	0.30
Xylenes (total)	ND	1.0	ug/L	0.50
Styrene	ND	1.0	ug/L	0.30

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Haley & Aldrich Inc.

Client Sample ID: TB_HA092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210383-002 **Work Order #...:** HK3981AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromoform	ND	1.0	ug/L	0.40
Isopropylbenzene	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.40
1,2,3-Trichloropropane	ND	1.0	ug/L	0.40
n-Propylbenzene	ND	1.0	ug/L	0.40
Bromobenzene	ND	1.0	ug/L	0.30
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
p-Isopropyltoluene	ND	1.0	ug/L	0.30
1,3-Dichlorobenzene	ND	1.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
n-Butylbenzene	ND	1.0	ug/L	0.30
1,2-Dichlorobenzene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	1.0
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.30
Hexachlorobutadiene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
Acrolein	ND	20	ug/L	10
Tert-amyl methyl ether	ND	2.0	ug/L	0.50
Acrylonitrile	ND	20	ug/L	10
Tert-butyl ethyl ether	ND	2.0	ug/L	0.50
t-Butanol	ND	25	ug/L	6.0
Iodomethane	ND	2.0	ug/L	1.0
Isopropyl ether	ND	2.0	ug/L	0.50
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0
Tetrahydrofuran	ND	10	ug/L	2.0
Vinyl acetate	ND	5.0	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	89	(75 - 130)
1,2-Dichloroethane-d4	97	(65 - 135)
Toluene-d8	96	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Haley & Aldrich Inc.

Client Sample ID: MWG003_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210383-003 **Work Order #...:** HK4AC1AA **Matrix.....:** WG
Date Sampled...: 09/21/05 12:05 **Date Received..:** 09/21/05 17:10 **MS Run #.....:** 5266348
Prep Date.....: 09/23/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266561 **Analysis Time..:** 14:12
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSQ
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	1.0	ug/L	0.40
Chloromethane	ND	2.0	ug/L	0.30
Chloroethane	ND	2.0	ug/L	0.40
Bromomethane	ND	2.0	ug/L	1.0
Trichlorofluoromethane	ND	2.0	ug/L	0.30
1,1-Dichloroethene	ND	1.0	ug/L	0.30
Methylene chloride	ND	1.0	ug/L	0.30
Methyl tert-butyl ether	ND	1.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.40
Acetone	ND	10	ug/L	2.0
trans-1,2-Dichloroethene	**0.45 J**	**1.0**	**ug/L**	**0.30**
1,1-Dichloroethane	ND	1.0	ug/L	0.20
2,2-Dichloropropane	ND	1.0	ug/L	0.40
cis-1,2-Dichloroethene	**15**	**1.0**	**ug/L**	**0.30**
Chloroform	**0.59 J**	**1.0**	**ug/L**	**0.30**
Bromochloromethane	ND	1.0	ug/L	0.40
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
2-Butanone	ND	5.0	ug/L	2.5
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Carbon tetrachloride	ND	0.50	ug/L	0.30
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Benzene	ND	1.0	ug/L	0.30
Trichloroethene	**74**	**1.0**	**ug/L**	**0.30**
Bromodichloromethane	ND	1.0	ug/L	0.30
4-Methyl-2-pentanone	ND	5.0	ug/L	2.0
Toluene	ND	1.0	ug/L	0.30
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
1,2-Dichloroethane	ND	0.50	ug/L	0.40
Tetrachloroethene	ND	1.0	ug/L	0.40
2-Hexanone	ND	5.0	ug/L	2.0
Dibromochloromethane	ND	1.0	ug/L	0.40
Chlorobenzene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Ethylbenzene	ND	1.0	ug/L	0.30
Vinyl chloride	ND	0.50	ug/L	0.30
Xylenes (total)	ND	1.0	ug/L	0.50
Styrene	ND	1.0	ug/L	0.30

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Haley & Aldrich Inc.

Client Sample ID: MWG003_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210383-003 **Work Order #...:** HK4AC1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromoform	ND	1.0	ug/L	0.40
Isopropylbenzene	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.40
1,2,3-Trichloropropane	ND	1.0	ug/L	0.40
n-Propylbenzene	ND	1.0	ug/L	0.40
Bromobenzene	ND	1.0	ug/L	0.30
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
p-Isopropyltoluene	ND	1.0	ug/L	0.30
1,3-Dichlorobenzene	ND	1.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
n-Butylbenzene	ND	1.0	ug/L	0.30
1,2-Dichlorobenzene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	1.0
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.30
Hexachlorobutadiene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
Acrolein	ND	20	ug/L	10
Tert-amyl methyl ether	ND	2.0	ug/L	0.50
Acrylonitrile	ND	20	ug/L	10
Tert-butyl ethyl ether	ND	2.0	ug/L	0.50
t-Butanol	ND	25	ug/L	6.0
Iodomethane	ND	2.0	ug/L	1.0
Isopropyl ether	ND	2.0	ug/L	0.50
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0
Tetrahydrofuran	ND	10	ug/L	2.0
Vinyl acetate	ND	5.0	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(75 - 130)
1,2-Dichloroethane-d4	98	(65 - 135)
Toluene-d8	98	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Haley & Aldrich Inc.

Client Sample ID: MWG003_WG092105_0002

GC/MS Volatiles

Lot-Sample #...: E5I210383-004 **Work Order #...:** HK4AF1AA **Matrix.....:** WG
Date Sampled...: 09/21/05 12:10 **Date Received..:** 09/21/05 17:10 **MS Run #.....:** 5266348
Prep Date.....: 09/23/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266561 **Analysis Time..:** 14:35
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSQ
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	1.0	ug/L	0.40
Chloromethane	ND	2.0	ug/L	0.30
Chloroethane	ND	2.0	ug/L	0.40
Bromomethane	ND	2.0	ug/L	1.0
Trichlorofluoromethane	ND	2.0	ug/L	0.30
1,1-Dichloroethene	ND	1.0	ug/L	0.30
Methylene chloride	ND	1.0	ug/L	0.30
Methyl tert-butyl ether	ND	1.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.40
Acetone	ND	10	ug/L	2.0
trans-1,2-Dichloroethene	**0.42 J**	**1.0**	**ug/L**	**0.30**
1,1-Dichloroethane	ND	1.0	ug/L	0.20
2,2-Dichloropropane	ND	1.0	ug/L	0.40
cis-1,2-Dichloroethene	**14**	**1.0**	**ug/L**	**0.30**
Chloroform	**0.60 J**	**1.0**	**ug/L**	**0.30**
Bromochloromethane	ND	1.0	ug/L	0.40
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
2-Butanone	ND	5.0	ug/L	2.5
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Carbon tetrachloride	ND	0.50	ug/L	0.30
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Benzene	ND	1.0	ug/L	0.30
Trichloroethene	**72**	**1.0**	**ug/L**	**0.30**
Bromodichloromethane	ND	1.0	ug/L	0.30
4-Methyl-2-pentanone	ND	5.0	ug/L	2.0
Toluene	ND	1.0	ug/L	0.30
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
1,2-Dichloroethane	ND	0.50	ug/L	0.40
Tetrachloroethene	ND	1.0	ug/L	0.40
2-Hexanone	ND	5.0	ug/L	2.0
Dibromochloromethane	ND	1.0	ug/L	0.40
Chlorobenzene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Ethylbenzene	ND	1.0	ug/L	0.30
Vinyl chloride	ND	0.50	ug/L	0.30
Xylenes (total)	ND	1.0	ug/L	0.50
Styrene	ND	1.0	ug/L	0.30

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Haley & Aldrich Inc.

Client Sample ID: MWG003_WG092105_0002

GC/MS Volatiles

Lot-Sample #...: E5I210383-004 **Work Order #...:** HK4AF1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromoform	ND	1.0	ug/L	0.40
Isopropylbenzene	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.40
1,2,3-Trichloropropane	ND	1.0	ug/L	0.40
n-Propylbenzene	ND	1.0	ug/L	0.40
Bromobenzene	ND	1.0	ug/L	0.30
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
p-Isopropyltoluene	ND	1.0	ug/L	0.30
1,3-Dichlorobenzene	ND	1.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
n-Butylbenzene	ND	1.0	ug/L	0.30
1,2-Dichlorobenzene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	1.0
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.30
Hexachlorobutadiene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
Acrolein	ND	20	ug/L	10
Tert-amyl methyl ether	ND	2.0	ug/L	0.50
Acrylonitrile	ND	20	ug/L	10
Tert-butyl ethyl ether	ND	2.0	ug/L	0.50
t-Butanol	ND	25	ug/L	6.0
Iodomethane	ND	2.0	ug/L	1.0
Isopropyl ether	ND	2.0	ug/L	0.50
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0
Tetrahydrofuran	ND	10	ug/L	2.0
Vinyl acetate	ND	5.0	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	87	(75 - 130)
1,2-Dichloroethane-d4	98	(65 - 135)
Toluene-d8	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Haley & Aldrich Inc.

Client Sample ID: MWG004_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210383-005 **Work Order #...:** HK4AG1AA **Matrix.....:** WG
Date Sampled...: 09/21/05 14:35 **Date Received..:** 09/21/05 17:10 **MS Run #.....:** 5266348
Prep Date.....: 09/23/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266561 **Analysis Time..:** 14:57
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSQ
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	1.0	ug/L	0.40
Chloromethane	ND	2.0	ug/L	0.30
Chloroethane	ND	2.0	ug/L	0.40
Bromomethane	ND	2.0	ug/L	1.0
Trichlorofluoromethane	ND	2.0	ug/L	0.30
1,1-Dichloroethene	ND	1.0	ug/L	0.30
Methylene chloride	ND	1.0	ug/L	0.30
Methyl tert-butyl ether	ND	1.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.40
Acetone	ND	10	ug/L	2.0
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.30
1,1-Dichloroethane	ND	1.0	ug/L	0.20
2,2-Dichloropropane	ND	1.0	ug/L	0.40
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
Chloroform	ND	1.0	ug/L	0.30
Bromochloromethane	ND	1.0	ug/L	0.40
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
2-Butanone	ND	5.0	ug/L	2.5
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Carbon tetrachloride	ND	0.50	ug/L	0.30
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Benzene	ND	1.0	ug/L	0.30
Trichloroethene	**13**	**1.0**	**ug/L**	**0.30**
Bromodichloromethane	ND	1.0	ug/L	0.30
4-Methyl-2-pentanone	ND	5.0	ug/L	2.0
Toluene	ND	1.0	ug/L	0.30
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
1,2-Dichloroethane	ND	0.50	ug/L	0.40
Tetrachloroethene	ND	1.0	ug/L	0.40
2-Hexanone	ND	5.0	ug/L	2.0
Dibromochloromethane	ND	1.0	ug/L	0.40
Chlorobenzene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Ethylbenzene	ND	1.0	ug/L	0.30
Vinyl chloride	ND	0.50	ug/L	0.30
Xylenes (total)	ND	1.0	ug/L	0.50
Styrene	ND	1.0	ug/L	0.30

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Haley & Aldrich Inc.

Client Sample ID: MWG004_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210383-005 **Work Order #...:** HK4AG1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromoform	ND	1.0	ug/L	0.40
Isopropylbenzene	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.40
1,2,3-Trichloropropane	ND	1.0	ug/L	0.40
n-Propylbenzene	ND	1.0	ug/L	0.40
Bromobenzene	ND	1.0	ug/L	0.30
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
p-Isopropyltoluene	ND	1.0	ug/L	0.30
1,3-Dichlorobenzene	ND	1.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
n-Butylbenzene	ND	1.0	ug/L	0.30
1,2-Dichlorobenzene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	1.0
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.30
Hexachlorobutadiene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
Acrolein	ND	20	ug/L	10
Tert-amyl methyl ether	ND	2.0	ug/L	0.50
Acrylonitrile	ND	20	ug/L	10
Tert-butyl ethyl ether	ND	2.0	ug/L	0.50
t-Butanol	ND	25	ug/L	6.0
Iodomethane	ND	2.0	ug/L	1.0
Isopropyl ether	ND	2.0	ug/L	0.50
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0
Tetrahydrofuran	ND	10	ug/L	2.0
Vinyl acetate	ND	5.0	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(75 - 130)
1,2-Dichloroethane-d4	100	(65 - 135)
Toluene-d8	96	(80 - 130)

Haley & Aldrich Inc.

Client Sample ID: EB_HA092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210383-006 **Work Order #...:** HK4AJ1AA **Matrix.....:** WG
Date Sampled...: 09/21/05 13:00 **Date Received..:** 09/21/05 17:10 **MS Run #.....:** 5266348
Prep Date.....: 09/23/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266561 **Analysis Time..:** 15:20
Dilution Factor: 1
Analyst ID.....: 015590 **Instrument ID..:** MSQ
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	1.0	ug/L	0.40
Chloromethane	ND	2.0	ug/L	0.30
Chloroethane	ND	2.0	ug/L	0.40
Bromomethane	ND	2.0	ug/L	1.0
Trichlorofluoromethane	ND	2.0	ug/L	0.30
1,1-Dichloroethene	ND	1.0	ug/L	0.30
Methylene chloride	ND	1.0	ug/L	0.30
Methyl tert-butyl ether	ND	1.0	ug/L	0.50
Carbon disulfide	ND	1.0	ug/L	0.40
Acetone	ND	10	ug/L	2.0
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.30
1,1-Dichloroethane	ND	1.0	ug/L	0.20
2,2-Dichloropropane	ND	1.0	ug/L	0.40
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
Chloroform	ND	1.0	ug/L	0.30
Bromochloromethane	ND	1.0	ug/L	0.40
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
2-Butanone	ND	5.0	ug/L	2.5
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Carbon tetrachloride	ND	0.50	ug/L	0.30
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Benzene	ND	1.0	ug/L	0.30
Trichloroethene	ND	1.0	ug/L	0.30
Bromodichloromethane	ND	1.0	ug/L	0.30
4-Methyl-2-pentanone	ND	5.0	ug/L	2.0
Toluene	ND	1.0	ug/L	0.30
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
1,2-Dichloroethane	ND	0.50	ug/L	0.40
Tetrachloroethene	ND	1.0	ug/L	0.40
2-Hexanone	ND	5.0	ug/L	2.0
Dibromochloromethane	ND	1.0	ug/L	0.40
Chlorobenzene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Ethylbenzene	ND	1.0	ug/L	0.30
Vinyl chloride	ND	0.50	ug/L	0.30
Xylenes (total)	ND	1.0	ug/L	0.50
Styrene	ND	1.0	ug/L	0.30

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Haley & Aldrich Inc.

Client Sample ID: EB_HA092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210383-006 **Work Order #...:** HK4AJ1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromoform	ND	1.0	ug/L	0.40
Isopropylbenzene	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.40
1,2,3-Trichloropropane	ND	1.0	ug/L	0.40
n-Propylbenzene	ND	1.0	ug/L	0.40
Bromobenzene	ND	1.0	ug/L	0.30
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
p-Isopropyltoluene	ND	1.0	ug/L	0.30
1,3-Dichlorobenzene	ND	1.0	ug/L	0.30
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
n-Butylbenzene	ND	1.0	ug/L	0.30
1,2-Dichlorobenzene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	1.0
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.30
Hexachlorobutadiene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
Acrolein	ND	20	ug/L	10
Tert-amyl methyl ether	ND	2.0	ug/L	0.50
Acrylonitrile	ND	20	ug/L	10
Tert-butyl ethyl ether	ND	2.0	ug/L	0.50
t-Butanol	ND	25	ug/L	6.0
Iodomethane	ND	2.0	ug/L	1.0
Isopropyl ether	ND	2.0	ug/L	0.50
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0
Tetrahydrofuran	ND	10	ug/L	2.0
Vinyl acetate	ND	5.0	ug/L	2.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	89	(75 - 130)
1,2-Dichloroethane-d4	95	(65 - 135)
Toluene-d8	95	(80 - 130)

QC DATA ASSOCIATION SUMMARY

E5I210383

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WG	SW846 8260B		5266561	5266348
002	WG	SW846 8260B		5266561	5266348
003	WG	SW846 8260B		5266561	5266348
004	WG	SW846 8260B		5266561	5266348
005	WG	SW846 8260B		5266561	5266348
006	WG	SW846 8260B		5266561	5266348

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5I210383 **Work Order #...:** HLCD41AA **Matrix.....:** WATER
MB Lot-Sample #: E5I230000-561

Prep Date.....: 09/23/05 **Analysis Time..:** 10:23
Analysis Date..: 09/23/05 **Prep Batch #...:** 5266561 **Instrument ID..:** MSQ
Dilution Factor: 1

Analyst ID.....: 015590

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Acetone	ND	10	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	0.50	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	0.50	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5I210383 **Work Order #...:** HLCD41AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Tert-amyl methyl ether	ND	2.0	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Tert-butyl ethyl ether	ND	2.0	ug/L	SW846 8260B
t-Butanol	ND	25	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
Isopropyl ether	ND	2.0	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Vinyl acetate	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(75 - 130)
1,2-Dichloroethane-d4	96	(65 - 135)
Toluene-d8	96	(80 - 130)

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I210383 **Work Order #...:** HLCD41AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I230000-561
Prep Date.....: 09/23/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266561 **Analysis Time..:** 09:38
Dilution Factor: 1 **Instrument ID..:** MSQ
Analyst ID.....: 015590

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	104	(40 - 160)	SW846 8260B
Chloromethane	125	(60 - 140)	SW846 8260B
Chloroethane	128	(60 - 140)	SW846 8260B
Bromomethane	157 a	(60 - 140)	SW846 8260B
Trichlorofluoromethane	112	(70 - 130)	SW846 8260B
1,1-Dichloroethene	**120**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	106	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	102	(70 - 130)	SW846 8260B
Carbon disulfide	122	(70 - 130)	SW846 8260B
Acetone	124	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	108	(70 - 130)	SW846 8260B
1,1-Dichloroethane	107	(70 - 130)	SW846 8260B
Dibromomethane	92	(70 - 130)	SW846 8260B
2,2-Dichloropropane	95	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	100	(70 - 130)	SW846 8260B
Chloroform	89	(70 - 130)	SW846 8260B
Bromochloromethane	80	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	93	(70 - 130)	SW846 8260B
2-Butanone	101	(60 - 140)	SW846 8260B
1,1-Dichloropropene	94	(70 - 130)	SW846 8260B
1,2-Dichloropropane	102	(70 - 130)	SW846 8260B
Carbon tetrachloride	94	(70 - 130)	SW846 8260B
1,3-Dichloropropane	94	(70 - 130)	SW846 8260B
1,2-Dibromoethane	88	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	98	(70 - 130)	SW846 8260B
Benzene	**96**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	92	(70 - 130)	SW846 8260B
Trichloroethene	**89**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	99	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	105	(60 - 140)	SW846 8260B
Naphthalene	82	(60 - 140)	SW846 8260B
Toluene	**94**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	92	(70 - 130)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I210383 **Work Order #...:** HLCD41AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I230000-561

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2-Dichloroethane	94	(70 - 130)	SW846 8260B
Tetrachloroethene	86	(70 - 130)	SW846 8260B
2-Hexanone	107	(60 - 140)	SW846 8260B
Dibromochloromethane	92	(70 - 130)	SW846 8260B
Chlorobenzene	**89**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	89	(70 - 130)	SW846 8260B
Ethylbenzene	93	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	110	(60 - 140)	SW846 8260B
m-Xylene & p-Xylene	94	(70 - 130)	SW846 8260B
Vinyl chloride	113	(60 - 140)	SW846 8260B
o-Xylene	91	(70 - 130)	SW846 8260B
Styrene	92	(70 - 130)	SW846 8260B
Bromoform	84	(70 - 130)	SW846 8260B
Isopropylbenzene	83	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	89	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	84	(70 - 130)	SW846 8260B
n-Propylbenzene	91	(70 - 130)	SW846 8260B
Bromobenzene	82	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	91	(70 - 130)	SW846 8260B
2-Chlorotoluene	86	(70 - 130)	SW846 8260B
4-Chlorotoluene	88	(70 - 130)	SW846 8260B
tert-Butylbenzene	88	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	88	(70 - 130)	SW846 8260B
sec-Butylbenzene	93	(70 - 130)	SW846 8260B
p-Isopropyltoluene	85	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	82	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	83	(70 - 130)	SW846 8260B
n-Butylbenzene	91	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	83	(70 - 130)	SW846 8260B
1,2-Dibromo-3-chloro-propane	79	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	79	(70 - 130)	SW846 8260B
Hexachlorobutadiene	82	(70 - 130)	SW846 8260B
1,2,3-Trichlorobenzene	81	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	92	(70 - 130)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I210383 **Work Order #...:** HLCD41AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I230000-561

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Tert-butyl ethyl ether	100	(70 - 130)	SW846 8260B
t-Butanol	132	(40 - 150)	SW846 8260B
Isopropyl ether	113	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	96	(75 - 130)
1,2-Dichloroethane-d4	90	(65 - 135)
Toluene-d8	98	(80 - 130)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5I210383 **Work Order #...:** HLCD41AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I230000-561
Prep Date.....: 09/23/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266561 **Analysis Time..:** 09:38
Dilution Factor: 1 **Instrument ID..:** MSQ
Analyst ID.....: 015590

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	10.4	ug/L	104	SW846 8260B
Chloromethane	10.0	12.5	ug/L	125	SW846 8260B
Chloroethane	10.0	12.8	ug/L	128	SW846 8260B
Bromomethane	10.0	15.7 a	ug/L	157	SW846 8260B
Trichlorofluoromethane	10.0	11.2	ug/L	112	SW846 8260B
1,1-Dichloroethene	**10.0**	**12.0**	**ug/L**	**120**	**SW846 8260B**
Methylene chloride	10.0	10.6	ug/L	106	SW846 8260B
Methyl tert-butyl ether	10.0	10.2	ug/L	102	SW846 8260B
Carbon disulfide	50.0	60.9	ug/L	122	SW846 8260B
Acetone	50.0	62.0	ug/L	124	SW846 8260B
trans-1,2-Dichloroethene	10.0	10.8	ug/L	108	SW846 8260B
1,1-Dichloroethane	10.0	10.7	ug/L	107	SW846 8260B
Dibromomethane	10.0	9.16	ug/L	92	SW846 8260B
2,2-Dichloropropane	10.0	9.46	ug/L	95	SW846 8260B
cis-1,2-Dichloroethene	10.0	10.0	ug/L	100	SW846 8260B
Chloroform	10.0	8.90	ug/L	89	SW846 8260B
Bromochloromethane	10.0	7.95	ug/L	80	SW846 8260B
1,1,1-Trichloroethane	10.0	9.33	ug/L	93	SW846 8260B
2-Butanone	50.0	50.4	ug/L	101	SW846 8260B
1,1-Dichloropropene	10.0	9.41	ug/L	94	SW846 8260B
1,2-Dichloropropane	10.0	10.2	ug/L	102	SW846 8260B
Carbon tetrachloride	10.0	9.42	ug/L	94	SW846 8260B
1,3-Dichloropropane	10.0	9.44	ug/L	94	SW846 8260B
1,2-Dibromoethane	10.0	8.78	ug/L	88	SW846 8260B
cis-1,3-Dichloropropene	10.0	9.80	ug/L	98	SW846 8260B
Benzene	**10.0**	**9.57**	**ug/L**	**96**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	9.17	ug/L	92	SW846 8260B
Trichloroethene	**10.0**	**8.88**	**ug/L**	**89**	**SW846 8260B**
Bromodichloromethane	10.0	9.94	ug/L	99	SW846 8260B
4-Methyl-2-pentanone	50.0	52.6	ug/L	105	SW846 8260B
Naphthalene	10.0	8.16	ug/L	82	SW846 8260B
Toluene	**10.0**	**9.39**	**ug/L**	**94**	**SW846 8260B**
1,1,2-Trichloroethane	10.0	9.24	ug/L	92	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5I210383 **Work Order #...:** HLCD41AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I230000-561

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2-Dichloroethane	10.0	9.37	ug/L	94	SW846 8260B
Tetrachloroethene	10.0	8.62	ug/L	86	SW846 8260B
2-Hexanone	50.0	53.6	ug/L	107	SW846 8260B
Dibromochloromethane	10.0	9.22	ug/L	92	SW846 8260B
Chlorobenzene	**10.0**	**8.86**	**ug/L**	**89**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	8.86	ug/L	89	SW846 8260B
Ethylbenzene	10.0	9.31	ug/L	93	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	11.0	ug/L	110	SW846 8260B
m-Xylene & p-Xylene	20.0	18.8	ug/L	94	SW846 8260B
Vinyl chloride	10.0	11.3	ug/L	113	SW846 8260B
o-Xylene	10.0	9.07	ug/L	91	SW846 8260B
Styrene	10.0	9.21	ug/L	92	SW846 8260B
Bromoform	10.0	8.39	ug/L	84	SW846 8260B
Isopropylbenzene	10.0	8.27	ug/L	83	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	8.90	ug/L	89	SW846 8260B
1,2,3-Trichloropropane	10.0	8.38	ug/L	84	SW846 8260B
n-Propylbenzene	10.0	9.07	ug/L	91	SW846 8260B
Bromobenzene	10.0	8.25	ug/L	82	SW846 8260B
1,3,5-Trimethylbenzene	10.0	9.11	ug/L	91	SW846 8260B
2-Chlorotoluene	10.0	8.58	ug/L	86	SW846 8260B
4-Chlorotoluene	10.0	8.80	ug/L	88	SW846 8260B
tert-Butylbenzene	10.0	8.76	ug/L	88	SW846 8260B
1,2,4-Trimethylbenzene	10.0	8.84	ug/L	88	SW846 8260B
sec-Butylbenzene	10.0	9.29	ug/L	93	SW846 8260B
p-Isopropyltoluene	10.0	8.47	ug/L	85	SW846 8260B
1,3-Dichlorobenzene	10.0	8.24	ug/L	82	SW846 8260B
1,4-Dichlorobenzene	10.0	8.34	ug/L	83	SW846 8260B
n-Butylbenzene	10.0	9.13	ug/L	91	SW846 8260B
1,2-Dichlorobenzene	10.0	8.27	ug/L	83	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	7.92	ug/L	79	SW846 8260B
1,2,4-Trichloro-benzene	10.0	7.88	ug/L	79	SW846 8260B
Hexachlorobutadiene	10.0	8.15	ug/L	82	SW846 8260B
1,2,3-Trichlorobenzene	10.0	8.06	ug/L	81	SW846 8260B
Tert-amyl methyl ether	10.0	9.21	ug/L	92	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5I210383 **Work Order #...:** HLCD41AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I230000-561

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Tert-butyl ethyl ether	10.0	10.0	ug/L	100	SW846 8260B
t-Butanol	50.0	66.1	ug/L	132	SW846 8260B
Isopropyl ether	10.0	11.3	ug/L	113	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	96	(75 - 130)
1,2-Dichloroethane-d4	90	(65 - 135)
Toluene-d8	98	(80 - 130)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I210383 Work Order #...: HK0861AC-MS Matrix.....: WATER
MS Lot-Sample #: E5I200331-005 HK0861AD-MSD
Date Sampled...: 09/19/05 17:21 Date Received..: 09/20/05 12:15 MS Run #.....: 5266348
Prep Date.....: 09/23/05 Analysis Date..: 09/23/05
Prep Batch #...: 5266561 Analysis Time..: 12:40
Dilution Factor: 200 Analyst ID.....: 015590 Instrument ID..: MSQ

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	100	(65 - 135)			SW846 8260B
	103	(65 - 135)	2.2	(0-25)	SW846 8260B
Benzene	96	(75 - 125)			SW846 8260B
	93	(75 - 125)	3.3	(0-25)	SW846 8260B
Trichloroethene	0.0 MSB	(75 - 135)			SW846 8260B
	0.0 MSB	(75 - 135)	0.0	(0-25)	SW846 8260B
Toluene	92	(75 - 125)			SW846 8260B
	89	(75 - 125)	2.6	(0-25)	SW846 8260B
Chlorobenzene	90	(75 - 125)			SW846 8260B
	87	(75 - 125)	2.8	(0-25)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
	94	(75 - 130)
1,2-Dichloroethane-d4	93	(65 - 135)
	91	(65 - 135)
Toluene-d8	97	(80 - 130)
	97	(80 - 130)

NOTE(S):

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

Bold print denotes control parameters

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5I210383 Work Order #...: HK0861AC-MS Matrix.....: WATER
MS Lot-Sample #: E5I200331-005 HK0861AD-MSD
Date Sampled...: 09/19/05 17:21 Date Received..: 09/20/05 12:15 MS Run #.....: 5266348
Prep Date.....: 09/23/05 Analysis Date..: 09/23/05
Prep Batch #...: 5266561 Analysis Time..: 12:40
Dilution Factor: 200 Analyst ID.....: 015590 Instrument ID..: MSQ

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	1100	2000	3080	ug/L	100		SW846 8260B
	1100	2000	3150	ug/L	103	2.2	SW846 8260B
Benzene	ND	2000	1910	ug/L	96		SW846 8260B
	ND	2000	1850	ug/L	93	3.3	SW846 8260B
Trichloroethene	16000	2000		ug/L	0.0		SW846 8260B
	Qualifiers: MSB						
	16000	2000		ug/L	0.0	0.0	SW846 8260B
	Qualifiers: MSB						
Toluene	ND	2000	1840	ug/L	92		SW846 8260B
	ND	2000	1790	ug/L	89	2.6	SW846 8260B
Chlorobenzene	ND	2000	1800	ug/L	90		SW846 8260B
	ND	2000	1750	ug/L	87	2.8	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
	94	(75 - 130)
1,2-Dichloroethane-d4	93	(65 - 135)
	91	(65 - 135)
Toluene-d8	97	(80 - 130)
	97	(80 - 130)

NOTE(S):

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

Bold print denotes control parameters

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.