

APPENDIX F

**TestAmerica Laboratory Analytical Reports
(on compact disc for hardcopy submittal)**

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

2960 Foster Creighton Road

Nashville, TN 37204

Tel: 800-765-0980

TestAmerica Job ID: NWC0208

Client Project/Site: [none]

Client Project Description: Leeds Facility

For:

Haley & Aldrich (Lenexa)

8735 Rosehill Road, Suite 340

Lenexa, KS 66215-6949

Attn: Mariruth Gruis

Roxanne L. Connor

Authorized for release by:

3/12/2012 5:05:36 PM

Roxanne Connor

Program Manager - Conventional Accounts

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Results relate only to the items tested and the sample(s) as received by the laboratory.



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Sample Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
NWC0208-01	Trip Blank	Water	03/01/12 00:01	03/02/12 08:20
NWC0208-02	MW-01A-GW-001	Ground Water	03/01/12 12:16	03/02/12 08:20
NWC0208-03	MW-01A-GW-001	Ground Water	03/01/12 17:09	03/02/12 08:20
NWC0208-04	MW-01B-GW-001	Ground Water	03/01/12 14:32	03/02/12 08:20
NWC0208-05	MW-05-GW-001	Ground Water	03/01/12 16:46	03/02/12 08:20
NWC0208-06	MW-06-GW-001	Ground Water	02/29/12 16:37	03/02/12 08:20
NWC0208-07	MW-06-GW-001	Ground Water	03/01/12 17:17	03/02/12 08:20
NWC0208-08	MW-07-GW-001	Ground Water	02/29/12 09:23	03/02/12 08:20
NWC0208-09	MW-07-GW-001	Ground Water	03/01/12 17:23	03/02/12 08:20

Definitions/Glossary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.

GCMS Semivolatiles

Qualifier	Qualifier Description
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Pesticides

Qualifier	Qualifier Description
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

WetChem

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
R2	The RPD exceeded the acceptance limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: Trip Blank

Lab Sample ID: NWC0208-01

Date Collected: 03/01/12 00:01

Matrix: Water

Date Received: 03/02/12 08:20

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	L	50.0	25.0	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Tetrahydrofuran	ND	L	20.0	10.0	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 07:33	03/07/12 15:58	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 15:58	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: Trip Blank

Lab Sample ID: NWC0208-01

Date Collected: 03/01/12 00:01

Matrix: Water

Date Received: 03/02/12 08:20

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4	97		70 - 130	03/07/12 07:33	03/07/12 15:58	1.00
Dibromofluoromethane	103		70 - 130	03/07/12 07:33	03/07/12 15:58	1.00
Toluene-d8	99		70 - 130	03/07/12 07:33	03/07/12 15:58	1.00
4-Bromofluorobenzene	94		70 - 130	03/07/12 07:33	03/07/12 15:58	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-01A-GW-001

Lab Sample ID: NWC0208-02

Date Collected: 03/01/12 12:16

Matrix: Ground Water

Date Received: 03/02/12 08:20

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	L	50.0	25.0	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Tetrahydrofuran	ND	L	20.0	10.0	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 07:33	03/07/12 16:26	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:26	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-01A-GW-001

Lab Sample ID: NWC0208-02

Date Collected: 03/01/12 12:16

Matrix: Ground Water

Date Received: 03/02/12 08:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	99		70 - 130	03/07/12 07:33	03/07/12 16:26	1.00
Dibromofluoromethane	103		70 - 130	03/07/12 07:33	03/07/12 16:26	1.00
Toluene-d8	98		70 - 130	03/07/12 07:33	03/07/12 16:26	1.00
4-Bromofluorobenzene	94		70 - 130	03/07/12 07:33	03/07/12 16:26	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Acenaphthylene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Acetophenone	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Anthracene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Atrazine	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Benzaldehyde	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Benzo (a) anthracene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Benzo (a) pyrene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Benzo (b) fluoranthene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Benzo (g,h,i) perylene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Benzo (k) fluoranthene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Biphenyl	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
4-Bromophenyl phenyl ether	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Butyl benzyl phthalate	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Caprolactam	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Carbazole	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
4-Chloro-3-methylphenol	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
4-Chloroaniline	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Bis(2-chloroethoxy)methane	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Bis(2-chloroethyl)ether	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Bis(2-chloroisopropyl)ether	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
2-Chloronaphthalene	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
2-Chlorophenol	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
4-Chlorophenyl phenyl ether	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Chrysene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Dibenz (a,h) anthracene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Dibenzofuran	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Di-n-butyl phthalate	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
3,3-Dichlorobenzidine	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
2,4-Dichlorophenol	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Diethyl phthalate	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
2,4-Dimethylphenol	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Dimethyl phthalate	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
4,6-Dinitro-2-methylphenol	ND		23.6	12.3	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
2,4-Dinitrophenol	ND		23.6	12.3	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
2,4-Dinitrotoluene	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
2,6-Dinitrotoluene	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Di-n-octyl phthalate	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Bis(2-ethylhexyl)phthalate	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Fluoranthene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Fluorene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Hexachlorobenzene	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Hexachlorobutadiene	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Hexachlorocyclopentadiene	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Hexachloroethane	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-01A-GW-001

Lab Sample ID: NWC0208-02

Date Collected: 03/01/12 12:16

Matrix: Ground Water

Date Received: 03/02/12 08:20

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Isophorone	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
2-Methylnaphthalene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
2-Methylphenol	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
3/4-Methylphenol	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Naphthalene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
4-Nitroaniline	ND		23.6	12.3	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
2-Nitroaniline	ND		23.6	12.3	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
3-Nitroaniline	ND		23.6	12.3	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Nitrobenzene	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
2-Nitrophenol	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
4-Nitrophenol	ND		23.6	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
N-Nitrosodiphenylamine	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
N-Nitrosodi-n-propylamine	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Pentachlorophenol	ND		23.6	12.3	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Phenanthrene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Phenol	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
Pyrene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
2,4,6-Trichlorophenol	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 19:23	1.00
2,4,5-Trichlorophenol	ND		23.6	12.3	ug/L		03/03/12 06:10	03/03/12 19:23	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	44		10 - 120	03/03/12 06:10	03/03/12 19:23	1.00
Phenol-d5	26		10 - 120	03/03/12 06:10	03/03/12 19:23	1.00
Nitrobenzene-d5	67		27 - 120	03/03/12 06:10	03/03/12 19:23	1.00
2-Fluorobiphenyl	62		29 - 120	03/03/12 06:10	03/03/12 19:23	1.00
2,4,6-Tribromophenol	65		10 - 120	03/03/12 06:10	03/03/12 19:23	1.00
Terphenyl-d14	52		13 - 120	03/03/12 06:10	03/03/12 19:23	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	6.04	J	10.0	5.00	mg/L		03/05/12 11:15	03/05/12 13:46	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	110		70 - 130	03/05/12 11:15	03/05/12 13:46	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 16:31	1.00
PCB-1221	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 16:31	1.00
PCB-1232	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 16:31	1.00
PCB-1242	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 16:31	1.00
PCB-1248	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 16:31	1.00
PCB-1254	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 16:31	1.00
PCB-1260	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 16:31	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	92		17 - 142	03/05/12 05:45	03/05/12 16:31	1.00
Decachlorobiphenyl	92		10 - 149	03/05/12 05:45	03/05/12 16:31	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-01A-GW-001

Lab Sample ID: NWC0208-02

Date Collected: 03/01/12 12:16

Matrix: Ground Water

Date Received: 03/02/12 08:20

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:47	1.00
Arsenic	4.96		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:47	1.00
Barium	288		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:47	1.00
Beryllium	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:47	1.00
Cadmium	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 14:47	1.00
Chromium	2.41		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:47	1.00
Cobalt	3.19		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:47	1.00
Copper	4.11 J		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 14:47	1.00
Lead	3.42		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:47	1.00
Nickel	8.28		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 14:47	1.00
Selenium	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:47	1.00
Silver	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:47	1.00
Thallium	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:47	1.00
Vanadium	6.74		4.00	2.00	ug/L		03/07/12 07:33	03/07/12 14:47	1.00
Zinc	ND		50.0	25.0	ug/L		03/07/12 07:33	03/07/12 14:47	1.00

Method: SW846 6020 - Total Metals by Method 6020 - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	1570		10.0	5.00	ug/L		03/07/12 07:33	03/08/12 11:32	2.00

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		03/05/12 12:40	03/06/12 12:19	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	0.00424 J		0.00500	0.00250	mg/L		03/08/12 16:30	03/09/12 06:12	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-01A-GW-001

Lab Sample ID: NWC0208-03

Date Collected: 03/01/12 17:09

Matrix: Ground Water

Date Received: 03/02/12 08:20

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	0.111		0.100	0.0500	mg/L		03/02/12 13:55	03/02/12 13:55	10.0

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-01B-GW-001

Lab Sample ID: NWC0208-04

Date Collected: 03/01/12 14:32

Matrix: Ground Water

Date Received: 03/02/12 08:20

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	L	50.0	25.0	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Tetrahydrofuran	ND	L	20.0	10.0	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 07:33	03/07/12 16:54	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 16:54	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-01B-GW-001

Lab Sample ID: NWC0208-04

Date Collected: 03/01/12 14:32

Matrix: Ground Water

Date Received: 03/02/12 08:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	97		70 - 130	03/07/12 07:33	03/07/12 16:54	1.00
Dibromofluoromethane	103		70 - 130	03/07/12 07:33	03/07/12 16:54	1.00
Toluene-d8	99		70 - 130	03/07/12 07:33	03/07/12 16:54	1.00
4-Bromofluorobenzene	93		70 - 130	03/07/12 07:33	03/07/12 16:54	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Acenaphthylene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Acetophenone	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Anthracene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Atrazine	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Benzaldehyde	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Benzo (a) anthracene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Benzo (a) pyrene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Benzo (b) fluoranthene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Benzo (g,h,i) perylene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Benzo (k) fluoranthene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Biphenyl	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
4-Bromophenyl phenyl ether	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Butyl benzyl phthalate	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Caprolactam	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Carbazole	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
4-Chloro-3-methylphenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
4-Chloroaniline	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Bis(2-chloroethoxy)methane	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Bis(2-chloroethyl)ether	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Bis(2-chloroisopropyl)ether	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
2-Chloronaphthalene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
2-Chlorophenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
4-Chlorophenyl phenyl ether	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Chrysene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Dibenz (a,h) anthracene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Dibenzofuran	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Di-n-butyl phthalate	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
3,3-Dichlorobenzidine	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
2,4-Dichlorophenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Diethyl phthalate	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
2,4-Dimethylphenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Dimethyl phthalate	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
4,6-Dinitro-2-methylphenol	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
2,4-Dinitrophenol	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
2,4-Dinitrotoluene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
2,6-Dinitrotoluene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Di-n-octyl phthalate	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Bis(2-ethylhexyl)phthalate	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Fluoranthene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Fluorene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Hexachlorobenzene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Hexachlorobutadiene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Hexachlorocyclopentadiene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Hexachloroethane	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-01B-GW-001

Lab Sample ID: NWC0208-04

Date Collected: 03/01/12 14:32

Matrix: Ground Water

Date Received: 03/02/12 08:20

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Isophorone	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
2-Methylnaphthalene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
2-Methylphenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
3/4-Methylphenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Naphthalene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
4-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
2-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
3-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Nitrobenzene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
2-Nitrophenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
4-Nitrophenol	ND		23.8	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
N-Nitrosodiphenylamine	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
N-Nitrosodi-n-propylamine	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Pentachlorophenol	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Phenanthrene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Phenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
Pyrene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
2,4,6-Trichlorophenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 19:42	1.00
2,4,5-Trichlorophenol	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 19:42	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	49		10 - 120	03/03/12 06:10	03/03/12 19:42	1.00
Phenol-d5	29		10 - 120	03/03/12 06:10	03/03/12 19:42	1.00
Nitrobenzene-d5	73		27 - 120	03/03/12 06:10	03/03/12 19:42	1.00
2-Fluorobiphenyl	64		29 - 120	03/03/12 06:10	03/03/12 19:42	1.00
2,4,6-Tribromophenol	65		10 - 120	03/03/12 06:10	03/03/12 19:42	1.00
Terphenyl-d14	83		13 - 120	03/03/12 06:10	03/03/12 19:42	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		03/05/12 11:15	03/05/12 14:01	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	110		70 - 130	03/05/12 11:15	03/05/12 14:01	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 16:52	1.00
PCB-1221	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 16:52	1.00
PCB-1232	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 16:52	1.00
PCB-1242	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 16:52	1.00
PCB-1248	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 16:52	1.00
PCB-1254	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 16:52	1.00
PCB-1260	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 16:52	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	93		17 - 142	03/05/12 05:45	03/05/12 16:52	1.00
Decachlorobiphenyl	97		10 - 149	03/05/12 05:45	03/05/12 16:52	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-01B-GW-001

Lab Sample ID: NWC0208-04

Date Collected: 03/01/12 14:32

Matrix: Ground Water

Date Received: 03/02/12 08:20

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:50	1.00
Arsenic	29.7		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:50	1.00
Barium	389		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:50	1.00
Beryllium	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:50	1.00
Cadmium	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 14:50	1.00
Chromium	1.52 J		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:50	1.00
Cobalt	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:50	1.00
Copper	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 14:50	1.00
Lead	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:50	1.00
Nickel	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 14:50	1.00
Selenium	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:50	1.00
Silver	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:50	1.00
Thallium	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:50	1.00
Vanadium	2.12 J		4.00	2.00	ug/L		03/07/12 07:33	03/07/12 14:50	1.00
Zinc	ND		50.0	25.0	ug/L		03/07/12 07:33	03/07/12 14:50	1.00

Method: SW846 6020 - Total Metals by Method 6020 - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	1850		10.0	5.00	ug/L		03/07/12 07:33	03/08/12 11:39	2.00

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		03/05/12 12:40	03/06/12 12:21	1.00

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	0.0131		0.0100	0.00500	mg/L		03/02/12 13:55	03/02/12 13:55	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	0.00790		0.00500	0.00250	mg/L		03/08/12 16:30	03/09/12 06:12	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-05-GW-001

Lab Sample ID: NWC0208-05

Date Collected: 03/01/12 16:46

Matrix: Ground Water

Date Received: 03/02/12 08:20

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	L	50.0	25.0	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Tetrahydrofuran	ND	L	20.0	10.0	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 07:33	03/07/12 17:22	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:22	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-05-GW-001

Lab Sample ID: NWC0208-05

Date Collected: 03/01/12 16:46

Matrix: Ground Water

Date Received: 03/02/12 08:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	97		70 - 130	03/07/12 07:33	03/07/12 17:22	1.00
Dibromofluoromethane	103		70 - 130	03/07/12 07:33	03/07/12 17:22	1.00
Toluene-d8	99		70 - 130	03/07/12 07:33	03/07/12 17:22	1.00
4-Bromofluorobenzene	93		70 - 130	03/07/12 07:33	03/07/12 17:22	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Acenaphthylene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Acetophenone	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Anthracene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Atrazine	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Benzaldehyde	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Benzo (a) anthracene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Benzo (a) pyrene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Benzo (b) fluoranthene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Benzo (g,h,i) perylene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Benzo (k) fluoranthene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Biphenyl	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
4-Bromophenyl phenyl ether	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Butyl benzyl phthalate	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Caprolactam	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Carbazole	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
4-Chloro-3-methylphenol	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
4-Chloroaniline	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Bis(2-chloroethoxy)methane	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Bis(2-chloroethyl)ether	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Bis(2-chloroisopropyl)ether	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
2-Chloronaphthalene	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
2-Chlorophenol	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
4-Chlorophenyl phenyl ether	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Chrysene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Dibenz (a,h) anthracene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Dibenzofuran	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Di-n-butyl phthalate	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
3,3-Dichlorobenzidine	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
2,4-Dichlorophenol	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Diethyl phthalate	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
2,4-Dimethylphenol	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Dimethyl phthalate	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
4,6-Dinitro-2-methylphenol	ND		23.6	12.3	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
2,4-Dinitrophenol	ND		23.6	12.3	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
2,4-Dinitrotoluene	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
2,6-Dinitrotoluene	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Di-n-octyl phthalate	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Bis(2-ethylhexyl)phthalate	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Fluoranthene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Fluorene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Hexachlorobenzene	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Hexachlorobutadiene	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Hexachlorocyclopentadiene	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Hexachloroethane	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-05-GW-001

Lab Sample ID: NWC0208-05

Date Collected: 03/01/12 16:46

Matrix: Ground Water

Date Received: 03/02/12 08:20

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Isophorone	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
2-Methylnaphthalene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
2-Methylphenol	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
3/4-Methylphenol	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Naphthalene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
4-Nitroaniline	ND		23.6	12.3	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
2-Nitroaniline	ND		23.6	12.3	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
3-Nitroaniline	ND		23.6	12.3	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Nitrobenzene	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
2-Nitrophenol	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
4-Nitrophenol	ND		23.6	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
N-Nitrosodiphenylamine	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
N-Nitrosodi-n-propylamine	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Pentachlorophenol	ND		23.6	12.3	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Phenanthrene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Phenol	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
Pyrene	ND		1.89	0.943	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
2,4,6-Trichlorophenol	ND		9.43	4.72	ug/L		03/03/12 06:10	03/03/12 20:02	1.00
2,4,5-Trichlorophenol	ND		23.6	12.3	ug/L		03/03/12 06:10	03/03/12 20:02	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	57		10 - 120	03/03/12 06:10	03/03/12 20:02	1.00
Phenol-d5	35		10 - 120	03/03/12 06:10	03/03/12 20:02	1.00
Nitrobenzene-d5	85		27 - 120	03/03/12 06:10	03/03/12 20:02	1.00
2-Fluorobiphenyl	76		29 - 120	03/03/12 06:10	03/03/12 20:02	1.00
2,4,6-Tribromophenol	74		10 - 120	03/03/12 06:10	03/03/12 20:02	1.00
Terphenyl-d14	95		13 - 120	03/03/12 06:10	03/03/12 20:02	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		03/05/12 11:15	03/05/12 14:16	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	112		70 - 130	03/05/12 11:15	03/05/12 14:16	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:14	1.00
PCB-1221	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:14	1.00
PCB-1232	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:14	1.00
PCB-1242	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:14	1.00
PCB-1248	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:14	1.00
PCB-1254	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:14	1.00
PCB-1260	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:14	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	92		17 - 142	03/05/12 05:45	03/05/12 17:14	1.00
Decachlorobiphenyl	94		10 - 149	03/05/12 05:45	03/05/12 17:14	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-05-GW-001

Lab Sample ID: NWC0208-05

Date Collected: 03/01/12 16:46

Matrix: Ground Water

Date Received: 03/02/12 08:20

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	1.00	ug/L	—	03/07/12 07:33	03/07/12 14:54	1.00
Arsenic	4.61		2.00	1.00	ug/L	—	03/07/12 07:33	03/07/12 14:54	1.00
Barium	294		2.00	1.00	ug/L	—	03/07/12 07:33	03/07/12 14:54	1.00
Beryllium	ND		2.00	1.00	ug/L	—	03/07/12 07:33	03/07/12 14:54	1.00
Cadmium	0.740	J	1.00	0.500	ug/L	—	03/07/12 07:33	03/07/12 14:54	1.00
Chromium	3.86		2.00	1.00	ug/L	—	03/07/12 07:33	03/07/12 14:54	1.00
Cobalt	4.56		2.00	1.00	ug/L	—	03/07/12 07:33	03/07/12 14:54	1.00
Copper	ND		5.00	2.50	ug/L	—	03/07/12 07:33	03/07/12 14:54	1.00
Lead	ND		2.00	1.00	ug/L	—	03/07/12 07:33	03/07/12 14:54	1.00
Nickel	59.2		5.00	2.50	ug/L	—	03/07/12 07:33	03/07/12 14:54	1.00
Selenium	ND		2.00	1.00	ug/L	—	03/07/12 07:33	03/07/12 14:54	1.00
Silver	ND		2.00	1.00	ug/L	—	03/07/12 07:33	03/07/12 14:54	1.00
Thallium	ND		2.00	1.00	ug/L	—	03/07/12 07:33	03/07/12 14:54	1.00
Vanadium	3.64	J	4.00	2.00	ug/L	—	03/07/12 07:33	03/07/12 14:54	1.00
Zinc	ND		50.0	25.0	ug/L	—	03/07/12 07:33	03/07/12 14:54	1.00

Method: SW846 6020 - Total Metals by Method 6020 - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	11000		100	50.0	ug/L	—	03/07/12 07:33	03/08/12 11:46	20.0

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L	—	03/05/12 12:40	03/06/12 12:24	1.00

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	0.00690	J	0.0100	0.00500	mg/L	—	03/02/12 13:55	03/02/12 13:55	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	0.00575		0.00500	0.00250	mg/L	—	03/08/12 16:30	03/09/12 06:12	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-06-GW-001

Lab Sample ID: NWC0208-06

Date Collected: 02/29/12 16:37

Matrix: Ground Water

Date Received: 03/02/12 08:20

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	L	50.0	25.0	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Tetrahydrofuran	ND	L	20.0	10.0	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 07:33	03/07/12 17:50	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 17:50	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-06-GW-001

Lab Sample ID: NWC0208-06

Date Collected: 02/29/12 16:37

Matrix: Ground Water

Date Received: 03/02/12 08:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	98		70 - 130	03/07/12 07:33	03/07/12 17:50	1.00
Dibromofluoromethane	103		70 - 130	03/07/12 07:33	03/07/12 17:50	1.00
Toluene-d8	98		70 - 130	03/07/12 07:33	03/07/12 17:50	1.00
4-Bromofluorobenzene	93		70 - 130	03/07/12 07:33	03/07/12 17:50	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Acenaphthylene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Acetophenone	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Anthracene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Atrazine	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Benzaldehyde	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Benzo (a) anthracene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Benzo (a) pyrene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Benzo (b) fluoranthene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Benzo (g,h,i) perylene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Benzo (k) fluoranthene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Biphenyl	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
4-Bromophenyl phenyl ether	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Butyl benzyl phthalate	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Caprolactam	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Carbazole	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
4-Chloro-3-methylphenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
4-Chloroaniline	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Bis(2-chloroethoxy)methane	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Bis(2-chloroethyl)ether	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Bis(2-chloroisopropyl)ether	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
2-Chloronaphthalene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
2-Chlorophenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
4-Chlorophenyl phenyl ether	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Chrysene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Dibenz (a,h) anthracene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Dibenzofuran	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Di-n-butyl phthalate	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
3,3-Dichlorobenzidine	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
2,4-Dichlorophenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Diethyl phthalate	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
2,4-Dimethylphenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Dimethyl phthalate	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
4,6-Dinitro-2-methylphenol	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
2,4-Dinitrophenol	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
2,4-Dinitrotoluene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
2,6-Dinitrotoluene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Di-n-octyl phthalate	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Bis(2-ethylhexyl)phthalate	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Fluoranthene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Fluorene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Hexachlorobenzene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Hexachlorobutadiene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Hexachlorocyclopentadiene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Hexachloroethane	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-06-GW-001

Lab Sample ID: NWC0208-06

Date Collected: 02/29/12 16:37

Matrix: Ground Water

Date Received: 03/02/12 08:20

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Isophorone	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
2-Methylnaphthalene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
2-Methylphenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
3/4-Methylphenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Naphthalene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
4-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
2-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
3-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Nitrobenzene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
2-Nitrophenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
4-Nitrophenol	ND		23.8	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
N-Nitrosodiphenylamine	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
N-Nitrosodi-n-propylamine	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Pentachlorophenol	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Phenanthrene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Phenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
Pyrene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
2,4,6-Trichlorophenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:22	1.00
2,4,5-Trichlorophenol	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 20:22	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	50		10 - 120	03/03/12 06:10	03/03/12 20:22	1.00
Phenol-d5	30		10 - 120	03/03/12 06:10	03/03/12 20:22	1.00
Nitrobenzene-d5	72		27 - 120	03/03/12 06:10	03/03/12 20:22	1.00
2-Fluorobiphenyl	64		29 - 120	03/03/12 06:10	03/03/12 20:22	1.00
2,4,6-Tribromophenol	68		10 - 120	03/03/12 06:10	03/03/12 20:22	1.00
Terphenyl-d14	84		13 - 120	03/03/12 06:10	03/03/12 20:22	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		03/05/12 11:15	03/05/12 14:31	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	97		70 - 130	03/05/12 11:15	03/05/12 14:31	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:36	1.00
PCB-1221	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:36	1.00
PCB-1232	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:36	1.00
PCB-1242	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:36	1.00
PCB-1248	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:36	1.00
PCB-1254	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:36	1.00
PCB-1260	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:36	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	92		17 - 142	03/05/12 05:45	03/05/12 17:36	1.00
Decachlorobiphenyl	95		10 - 149	03/05/12 05:45	03/05/12 17:36	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-06-GW-001

Lab Sample ID: NWC0208-06

Date Collected: 02/29/12 16:37

Matrix: Ground Water

Date Received: 03/02/12 08:20

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:58	1.00
Arsenic	8.92		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:58	1.00
Barium	172		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:58	1.00
Beryllium	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:58	1.00
Cadmium	0.600	J	1.00	0.500	ug/L		03/07/12 07:33	03/07/12 14:58	1.00
Chromium	1.12	J	2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:58	1.00
Cobalt	5.99		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:58	1.00
Copper	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 14:58	1.00
Lead	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:58	1.00
Nickel	6.26		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 14:58	1.00
Selenium	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:58	1.00
Silver	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:58	1.00
Thallium	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:58	1.00
Vanadium	5.14		4.00	2.00	ug/L		03/07/12 07:33	03/07/12 14:58	1.00
Zinc	ND		50.0	25.0	ug/L		03/07/12 07:33	03/07/12 14:58	1.00

Method: SW846 6020 - Total Metals by Method 6020 - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	8130		50.0	25.0	ug/L		03/07/12 07:33	03/08/12 11:54	10.0

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		03/05/12 12:40	03/06/12 12:26	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		0.00500	0.00250	mg/L		03/08/12 16:30	03/09/12 06:12	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-06-GW-001

Lab Sample ID: NWC0208-07

Date Collected: 03/01/12 17:17

Matrix: Ground Water

Date Received: 03/02/12 08:20

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	0.0520	J	0.100	0.0500	mg/L		03/02/12 13:55	03/02/12 13:55	10.0

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-07-GW-001

Lab Sample ID: NWC0208-08

Date Collected: 02/29/12 09:23

Matrix: Ground Water

Date Received: 03/02/12 08:20

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	L	50.0	25.0	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Tetrahydrofuran	ND	L	20.0	10.0	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 07:33	03/07/12 18:18	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 18:18	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-07-GW-001

Lab Sample ID: NWC0208-08

Date Collected: 02/29/12 09:23

Matrix: Ground Water

Date Received: 03/02/12 08:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	98		70 - 130	03/07/12 07:33	03/07/12 18:18	1.00
Dibromofluoromethane	103		70 - 130	03/07/12 07:33	03/07/12 18:18	1.00
Toluene-d8	99		70 - 130	03/07/12 07:33	03/07/12 18:18	1.00
4-Bromofluorobenzene	93		70 - 130	03/07/12 07:33	03/07/12 18:18	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Acenaphthylene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Acetophenone	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Anthracene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Atrazine	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Benzaldehyde	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Benzo (a) anthracene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Benzo (a) pyrene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Benzo (b) fluoranthene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Benzo (g,h,i) perylene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Benzo (k) fluoranthene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Biphenyl	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
4-Bromophenyl phenyl ether	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Butyl benzyl phthalate	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Caprolactam	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Carbazole	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
4-Chloro-3-methylphenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
4-Chloroaniline	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Bis(2-chloroethoxy)methane	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Bis(2-chloroethyl)ether	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Bis(2-chloroisopropyl)ether	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
2-Chloronaphthalene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
2-Chlorophenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
4-Chlorophenyl phenyl ether	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Chrysene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Dibenz (a,h) anthracene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Dibenzofuran	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Di-n-butyl phthalate	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
3,3-Dichlorobenzidine	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
2,4-Dichlorophenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Diethyl phthalate	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
2,4-Dimethylphenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Dimethyl phthalate	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
4,6-Dinitro-2-methylphenol	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
2,4-Dinitrophenol	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
2,4-Dinitrotoluene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
2,6-Dinitrotoluene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Di-n-octyl phthalate	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Bis(2-ethylhexyl)phthalate	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Fluoranthene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Fluorene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Hexachlorobenzene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Hexachlorobutadiene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Hexachlorocyclopentadiene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Hexachloroethane	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-07-GW-001

Lab Sample ID: NWC0208-08

Date Collected: 02/29/12 09:23

Matrix: Ground Water

Date Received: 03/02/12 08:20

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Isophorone	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
2-Methylnaphthalene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
2-Methylphenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
3/4-Methylphenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Naphthalene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
4-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
2-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
3-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Nitrobenzene	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
2-Nitrophenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
4-Nitrophenol	ND		23.8	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
N-Nitrosodiphenylamine	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
N-Nitrosodi-n-propylamine	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Pentachlorophenol	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Phenanthrene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Phenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
Pyrene	ND		1.90	0.952	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
2,4,6-Trichlorophenol	ND		9.52	4.76	ug/L		03/03/12 06:10	03/03/12 20:42	1.00
2,4,5-Trichlorophenol	ND		23.8	12.4	ug/L		03/03/12 06:10	03/03/12 20:42	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	40		10 - 120	03/03/12 06:10	03/03/12 20:42	1.00
Phenol-d5	27		10 - 120	03/03/12 06:10	03/03/12 20:42	1.00
Nitrobenzene-d5	74		27 - 120	03/03/12 06:10	03/03/12 20:42	1.00
2-Fluorobiphenyl	67		29 - 120	03/03/12 06:10	03/03/12 20:42	1.00
2,4,6-Tribromophenol	56		10 - 120	03/03/12 06:10	03/03/12 20:42	1.00
Terphenyl-d14	79		13 - 120	03/03/12 06:10	03/03/12 20:42	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		03/05/12 11:15	03/05/12 14:46	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	110		70 - 130	03/05/12 11:15	03/05/12 14:46	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:57	1.00
PCB-1221	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:57	1.00
PCB-1232	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:57	1.00
PCB-1242	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:57	1.00
PCB-1248	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:57	1.00
PCB-1254	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:57	1.00
PCB-1260	ND		0.472	0.236	ug/L		03/05/12 05:45	03/05/12 17:57	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	91		17 - 142	03/05/12 05:45	03/05/12 17:57	1.00
Decachlorobiphenyl	86		10 - 149	03/05/12 05:45	03/05/12 17:57	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-07-GW-001

Lab Sample ID: NWC0208-08

Date Collected: 02/29/12 09:23

Matrix: Ground Water

Date Received: 03/02/12 08:20

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	1.00	ug/L	—	03/07/12 07:33	03/07/12 15:09	1.00
Arsenic	4.77		2.00	1.00	ug/L	—	03/07/12 07:33	03/07/12 15:09	1.00
Barium	158		2.00	1.00	ug/L	—	03/07/12 07:33	03/07/12 15:09	1.00
Beryllium	ND		2.00	1.00	ug/L	—	03/07/12 07:33	03/07/12 15:09	1.00
Cadmium	5.38		1.00	0.500	ug/L	—	03/07/12 07:33	03/07/12 15:09	1.00
Chromium	ND		2.00	1.00	ug/L	—	03/07/12 07:33	03/07/12 15:09	1.00
Cobalt	7.86		2.00	1.00	ug/L	—	03/07/12 07:33	03/07/12 15:09	1.00
Copper	5.55		5.00	2.50	ug/L	—	03/07/12 07:33	03/07/12 15:09	1.00
Lead	ND		2.00	1.00	ug/L	—	03/07/12 07:33	03/07/12 15:09	1.00
Nickel	15.8		5.00	2.50	ug/L	—	03/07/12 07:33	03/07/12 15:09	1.00
Selenium	ND		2.00	1.00	ug/L	—	03/07/12 07:33	03/07/12 15:09	1.00
Silver	ND		2.00	1.00	ug/L	—	03/07/12 07:33	03/07/12 15:09	1.00
Thallium	ND		2.00	1.00	ug/L	—	03/07/12 07:33	03/07/12 15:09	1.00
Vanadium	4.08		4.00	2.00	ug/L	—	03/07/12 07:33	03/07/12 15:09	1.00
Zinc	ND		50.0	25.0	ug/L	—	03/07/12 07:33	03/07/12 15:09	1.00

Method: SW846 6020 - Total Metals by Method 6020 - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	10800		100	50.0	ug/L	—	03/07/12 07:33	03/08/12 12:08	20.0

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L	—	03/05/12 12:40	03/06/12 12:28	1.00

Method: 1010/1010A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>200				Deg F	—	03/12/12 13:03	03/12/12 13:30	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	0.00262	J	0.00500	0.00250	mg/L	—	03/08/12 16:30	03/09/12 06:12	1.00

Method: SW846 9040C - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.70		0.100	0.100	pH Units	—	03/06/12 09:00	03/06/12 09:00	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-07-GW-001

Lab Sample ID: NWC0208-09

Date Collected: 03/01/12 17:23

Matrix: Ground Water

Date Received: 03/02/12 08:20

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		0.0100	0.00500	mg/L		03/02/12 13:55	03/02/12 13:55	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 12C0349-BLK1

Matrix: Water

Analysis Batch: V003963

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0349_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 07:33	03/07/12 10:49	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C0349-BLK1

Matrix: Water

Analysis Batch: V003963

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0349_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 10:49	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	98		70 - 130				03/07/12 07:33	03/07/12 10:49	1.00
Dibromofluoromethane	103		70 - 130				03/07/12 07:33	03/07/12 10:49	1.00
Toluene-d8	99		70 - 130				03/07/12 07:33	03/07/12 10:49	1.00
4-Bromofluorobenzene	93		70 - 130				03/07/12 07:33	03/07/12 10:49	1.00

Lab Sample ID: 12C0349-BS1

Matrix: Water

Analysis Batch: V003963

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0349_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	383	L1	ug/L		153	54 - 145
Benzene	50.0	49.6		ug/L		99	80 - 121
Bromochloromethane	50.0	50.5		ug/L		101	78 - 129
Bromoform	50.0	37.2		ug/L		74	46 - 145
Bromomethane	50.0	50.1		ug/L		100	41 - 150
2-Butanone	250	277		ug/L		111	62 - 133
Carbon disulfide	50.0	48.2		ug/L		96	77 - 126
Carbon Tetrachloride	50.0	50.1		ug/L		100	64 - 147
Chlorobenzene	50.0	48.6		ug/L		97	80 - 120
Chlorodibromomethane	50.0	48.3		ug/L		97	69 - 133
Chloroethane	50.0	49.2		ug/L		98	72 - 120
Chloroform	50.0	50.0		ug/L		100	73 - 129
Chloromethane	50.0	39.9		ug/L		80	12 - 150
Cyclohexane	50.0	50.0		ug/L		100	73 - 122
1,2-Dibromo-3-chloropropane	50.0	40.4		ug/L		81	54 - 125
1,2-Dibromoethane (EDB)	50.0	50.1		ug/L		100	80 - 129
1,2-Dichlorobenzene	50.0	47.9		ug/L		96	80 - 121
1,3-Dichlorobenzene	50.0	47.9		ug/L		96	80 - 122
1,4-Dichlorobenzene	50.0	48.8		ug/L		98	80 - 120
Dichlorodifluoromethane	50.0	47.8		ug/L		96	37 - 127
1,2-Dichloroethane	50.0	46.0		ug/L		92	77 - 121
1,1-Dichloroethane	50.0	52.8		ug/L		106	78 - 125
1,1-Dichloroethene	50.0	57.4		ug/L		115	79 - 124
trans-1,2-Dichloroethene	50.0	52.7		ug/L		105	79 - 126
cis-1,2-Dichloroethene	50.0	52.4		ug/L		105	76 - 125
1,2-Dichloropropane	50.0	46.8		ug/L		94	75 - 120
trans-1,3-Dichloropropene	50.0	46.6		ug/L		93	63 - 134
cis-1,3-Dichloropropene	50.0	50.3		ug/L		101	74 - 140
Ethylbenzene	50.0	47.5		ug/L		95	80 - 130
2-Hexanone	250	245		ug/L		98	60 - 142
Isopropylbenzene	50.0	50.3		ug/L		101	80 - 141
Methyl Acetate	50.0	35.4		ug/L		71	64 - 150
Methylcyclohexane	50.0	50.7		ug/L		101	71 - 129
Methyl tert-Butyl Ether	50.0	49.5		ug/L		99	72 - 133
Methylene Chloride	50.0	56.7		ug/L		113	79 - 123
4-Methyl-2-pentanone	250	238		ug/L		95	60 - 137

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C0349-BS1

Matrix: Water

Analysis Batch: V003963

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0349_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
n-Propylbenzene	50.0	48.1		ug/L		96	75 - 129
Styrene	50.0	46.2		ug/L		92	80 - 127
1,1,2,2-Tetrachloroethane	50.0	43.9		ug/L		88	69 - 131
Tetrachloroethene	50.0	52.9		ug/L		106	80 - 126
Tetrahydrofuran	500	694	L1	ug/L		139	51 - 124
Toluene	50.0	48.4		ug/L		97	80 - 126
1,2,4-Trichlorobenzene	50.0	48.7		ug/L		97	63 - 133
1,1,1-Trichloroethane	50.0	50.4		ug/L		101	78 - 135
1,1,2-Trichloroethane	50.0	50.4		ug/L		101	80 - 124
Trichloroethene	50.0	52.0		ug/L		104	80 - 123
Trichlorofluoromethane	50.0	49.8		ug/L		100	65 - 124
Vinyl chloride	50.0	51.4		ug/L		103	68 - 120
Xylenes, total	150	136		ug/L		91	80 - 132
1,1,2-Trifluorotrichloroethane	50.0	53.4		ug/L		107	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	94		70 - 130
Dibromofluoromethane	106		70 - 130
Toluene-d8	99		70 - 130
4-Bromofluorobenzene	92		70 - 130

Lab Sample ID: 12C0349-BS2

Matrix: Water

Analysis Batch: V003963

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0349_P

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	96		70 - 130
Dibromofluoromethane	98		70 - 130
Toluene-d8	103		70 - 130
4-Bromofluorobenzene	99		70 - 130

Lab Sample ID: 12C0349-BSD1

Matrix: Water

Analysis Batch: V003963

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12C0349_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	250	366	L1	ug/L		146	54 - 145	5	21
Benzene	50.0	47.5		ug/L		95	80 - 121	4	17
Bromochloromethane	50.0	49.0		ug/L		98	78 - 129	3	17
Bromoform	50.0	36.5		ug/L		73	46 - 145	2	16
Bromomethane	50.0	49.1		ug/L		98	41 - 150	2	50
2-Butanone	250	273		ug/L		109	62 - 133	1	19
Carbon disulfide	50.0	45.9		ug/L		92	77 - 126	5	21
Carbon Tetrachloride	50.0	48.0		ug/L		96	64 - 147	4	19
Chlorobenzene	50.0	46.8		ug/L		94	80 - 120	4	14
Chlorodibromomethane	50.0	47.2		ug/L		94	69 - 133	2	15
Chloroethane	50.0	46.6		ug/L		93	72 - 120	6	20
Chloroform	50.0	48.1		ug/L		96	73 - 129	4	18
Chloromethane	50.0	38.0		ug/L		76	12 - 150	5	31

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C0349-BSD1

Matrix: Water

Analysis Batch: V003963

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12C0349_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits			
Cyclohexane	50.0	48.2		ug/L		96	73 - 122		4	16
1,2-Dibromo-3-chloropropane	50.0	39.3		ug/L		79	54 - 125		3	24
1,2-Dibromoethane (EDB)	50.0	48.3		ug/L		97	80 - 129		4	15
1,2-Dichlorobenzene	50.0	46.3		ug/L		93	80 - 121		3	15
1,3-Dichlorobenzene	50.0	46.0		ug/L		92	80 - 122		4	15
1,4-Dichlorobenzene	50.0	47.1		ug/L		94	80 - 120		4	15
Dichlorodifluoromethane	50.0	46.3		ug/L		93	37 - 127		3	18
1,2-Dichloroethane	50.0	44.7		ug/L		89	77 - 121		3	17
1,1-Dichloroethane	50.0	50.8		ug/L		102	78 - 125		4	17
1,1-Dichloroethene	50.0	55.1		ug/L		110	79 - 124		4	17
trans-1,2-Dichloroethene	50.0	50.2		ug/L		100	79 - 126		5	16
cis-1,2-Dichloroethene	50.0	50.3		ug/L		101	76 - 125		4	17
1,2-Dichloropropane	50.0	45.0		ug/L		90	75 - 120		4	17
trans-1,3-Dichloropropene	50.0	45.2		ug/L		90	63 - 134		3	14
cis-1,3-Dichloropropene	50.0	49.0		ug/L		98	74 - 140		3	15
Ethylbenzene	50.0	45.6		ug/L		91	80 - 130		4	15
2-Hexanone	250	242		ug/L		97	60 - 142		2	15
Isopropylbenzene	50.0	48.4		ug/L		97	80 - 141		4	16
Methyl Acetate	50.0	35.8		ug/L		72	64 - 150		1	31
Methylcyclohexane	50.0	48.1		ug/L		96	71 - 129		5	19
Methyl tert-Butyl Ether	50.0	47.8		ug/L		96	72 - 133		4	16
Methylene Chloride	50.0	54.9		ug/L		110	79 - 123		3	17
4-Methyl-2-pentanone	250	235		ug/L		94	60 - 137		1	17
n-Propylbenzene	50.0	46.2		ug/L		92	75 - 129		4	17
Styrene	50.0	44.6		ug/L		89	80 - 127		3	24
1,1,2,2-Tetrachloroethane	50.0	43.8		ug/L		88	69 - 131	0.2		20
Tetrachloroethene	50.0	50.8		ug/L		102	80 - 126		4	16
Tetrahydrofuran	500	680	L1	ug/L		136	51 - 124		2	18
Toluene	50.0	46.5		ug/L		93	80 - 126		4	15
1,2,4-Trichlorobenzene	50.0	46.3		ug/L		93	63 - 133		5	19
1,1,1-Trichloroethane	50.0	48.0		ug/L		96	78 - 135		5	17
1,1,2-Trichloroethane	50.0	49.7		ug/L		99	80 - 124		1	15
Trichloroethene	50.0	49.8		ug/L		100	80 - 123		4	17
Trichlorofluoromethane	50.0	48.2		ug/L		96	65 - 124		3	18
Vinyl chloride	50.0	48.7		ug/L		97	68 - 120		5	17
Xylenes, total	150	131		ug/L		88	80 - 132		3	15
1,1,2-Trifluorotrichloroethane	50.0	50.9		ug/L		102	77 - 129		5	18

Surrogate	LCS Dup		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	94		70 - 130
Dibromofluoromethane	106		70 - 130
Toluene-d8	99		70 - 130
4-Bromofluorobenzene	92		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C0349-BSD2

Matrix: Water

Analysis Batch: V003963

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12C0349_P

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
1,2-Dichloroethane-d4	98		70 - 130
Dibromofluoromethane	97		70 - 130
Toluene-d8	104		70 - 130
4-Bromofluorobenzene	99		70 - 130

Lab Sample ID: 12C0349-MS1

Matrix: Water

Analysis Batch: V003963

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12C0349_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		25000	28000		ug/L		112	45 - 141
Benzene	ND		5000	5130		ug/L		103	75 - 133
Bromochloromethane	ND		5000	5320		ug/L		106	67 - 139
Bromoform	ND		5000	3780		ug/L		76	42 - 147
Bromomethane	ND		5000	5030		ug/L		101	16 - 163
2-Butanone	ND		25000	25800		ug/L		103	50 - 138
Carbon disulfide	ND		5000	4180		ug/L		84	48 - 152
Carbon Tetrachloride	ND		5000	5340		ug/L		107	62 - 164
Chlorobenzene	ND		5000	5080		ug/L		102	80 - 129
Chlorodibromomethane	ND		5000	5010		ug/L		100	66 - 140
Chloroethane	ND		5000	4800		ug/L		96	58 - 137
Chloroform	ND		5000	5390		ug/L		108	66 - 138
Chloromethane	ND		5000	3510		ug/L		70	10 - 169
Cyclohexane	ND		5000	4830		ug/L		97	58 - 144
1,2-Dibromo-3-chloropropane	ND		5000	3820		ug/L		76	52 - 126
1,2-Dibromoethane (EDB)	ND		5000	5060		ug/L		101	75 - 137
1,2-Dichlorobenzene	ND		5000	4920		ug/L		98	79 - 128
1,3-Dichlorobenzene	ND		5000	4960		ug/L		99	77 - 131
1,4-Dichlorobenzene	ND		5000	5000		ug/L		100	78 - 126
Dichlorodifluoromethane	ND		5000	4150		ug/L		83	40 - 127
1,2-Dichloroethane	ND		5000	4820		ug/L		96	64 - 136
1,1-Dichloroethane	ND		5000	5560		ug/L		111	71 - 139
1,1-Dichloroethene	ND		5000	5720		ug/L		114	70 - 142
trans-1,2-Dichloroethene	ND		5000	5320		ug/L		106	66 - 143
cis-1,2-Dichloroethene	ND		5000	5420		ug/L		108	68 - 138
1,2-Dichloropropane	ND		5000	4910		ug/L		98	67 - 131
trans-1,3-Dichloropropene	ND		5000	4690		ug/L		94	59 - 135
cis-1,3-Dichloropropene	ND		5000	5100		ug/L		102	71 - 141
Ethylbenzene	ND		5000	4920		ug/L		98	79 - 139
2-Hexanone	ND		25000	23100		ug/L		92	50 - 150
Isopropylbenzene	ND		5000	5220		ug/L		104	80 - 153
Methyl Acetate	ND		5000	3360		ug/L		67	30 - 165
Methylcyclohexane	ND		5000	4900		ug/L		98	59 - 151
Methyl tert-Butyl Ether	2390		5000	7300		ug/L		98	66 - 141
Methylene Chloride	ND		5000	5800		ug/L		116	64 - 139
4-Methyl-2-pentanone	ND		25000	23600		ug/L		94	50 - 147
n-Propylbenzene	ND		5000	4980		ug/L		100	69 - 142
Styrene	ND		5000	4820		ug/L		96	61 - 148
1,1,2,2-Tetrachloroethane	ND		5000	4520		ug/L		90	56 - 143

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C0349-MS1

Matrix: Water

Analysis Batch: V003963

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12C0349_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	ND		5000	5360		ug/L		107	72 - 145
Tetrahydrofuran	ND		50000	68300	M7	ug/L		137	34 - 133
Toluene	ND		5000	5010		ug/L		100	75 - 136
1,2,4-Trichlorobenzene	ND		5000	4580		ug/L		92	60 - 136
1,1,1-Trichloroethane	ND		5000	5360		ug/L		107	76 - 149
1,1,2-Trichloroethane	ND		5000	5230		ug/L		105	74 - 134
Trichloroethene	ND		5000	5400		ug/L		108	73 - 144
Trichlorofluoromethane	ND		5000	4980		ug/L		100	58 - 139
Vinyl chloride	ND		5000	4720		ug/L		94	56 - 129
Xylenes, total	ND		15000	14000		ug/L		93	74 - 141
1,1,2-Trifluorotrichloroethane	ND		5000	5430		ug/L		109	72 - 148

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Matrix Spike Limits
1,2-Dichloroethane-d4	94		70 - 130
Dibromofluoromethane	107		70 - 130
Toluene-d8	98		70 - 130
4-Bromofluorobenzene	93		70 - 130

Lab Sample ID: 12C0349-MSD1

Matrix: Water

Analysis Batch: V003963

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12C0349_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		25000	28900		ug/L		116	45 - 141	3	21
Benzene	ND		5000	5150		ug/L		103	75 - 133	0.4	17
Bromochloromethane	ND		5000	5320		ug/L		106	67 - 139	0.08	17
Bromoform	ND		5000	3970		ug/L		79	42 - 147	5	16
Bromomethane	ND		5000	5020		ug/L		100	16 - 163	0.1	50
2-Butanone	ND		25000	26700		ug/L		107	50 - 138	3	19
Carbon disulfide	ND		5000	4230		ug/L		85	48 - 152	1	21
Carbon Tetrachloride	ND		5000	5440		ug/L		109	62 - 164	2	19
Chlorobenzene	ND		5000	5180		ug/L		104	80 - 129	2	14
Chlorodibromomethane	ND		5000	5090		ug/L		102	66 - 140	2	15
Chloroethane	ND		5000	4850		ug/L		97	58 - 137	0.9	20
Chloroform	ND		5000	5400		ug/L		108	66 - 138	0.3	18
Chloromethane	ND		5000	3540		ug/L		71	10 - 169	0.7	31
Cyclohexane	ND		5000	5090		ug/L		102	58 - 144	5	16
1,2-Dibromo-3-chloropropane	ND		5000	4140		ug/L		83	52 - 126	8	24
1,2-Dibromoethane (EDB)	ND		5000	5190		ug/L		104	75 - 137	2	15
1,2-Dichlorobenzene	ND		5000	5120		ug/L		102	79 - 128	4	15
1,3-Dichlorobenzene	ND		5000	5170		ug/L		103	77 - 131	4	15
1,4-Dichlorobenzene	ND		5000	5250		ug/L		105	78 - 126	5	15
Dichlorodifluoromethane	ND		5000	4270		ug/L		85	40 - 127	3	18
1,2-Dichloroethane	ND		5000	4770		ug/L		95	64 - 136	1	17
1,1-Dichloroethane	ND		5000	5580		ug/L		112	71 - 139	0.3	17
1,1-Dichloroethene	ND		5000	5850		ug/L		117	70 - 142	2	17
trans-1,2-Dichloroethene	ND		5000	5340		ug/L		107	66 - 143	0.4	16
cis-1,2-Dichloroethene	ND		5000	5450		ug/L		109	68 - 138	0.6	17
1,2-Dichloropropane	ND		5000	4880		ug/L		98	67 - 131	0.7	17

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C0349-MSD1

Matrix: Water

Analysis Batch: V003963

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12C0349_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	ND		5000	4740		ug/L		95	59 - 135	1	14
cis-1,3-Dichloropropene	ND		5000	5150		ug/L		103	71 - 141	1	15
Ethylbenzene	ND		5000	5080		ug/L		102	79 - 139	3	15
2-Hexanone	ND		25000	24000		ug/L		96	50 - 150	4	15
Isopropylbenzene	ND		5000	5480		ug/L		110	80 - 153	5	16
Methyl Acetate	ND		5000	3700		ug/L		74	30 - 165	10	31
Methylcyclohexane	ND		5000	5160		ug/L		103	59 - 151	5	19
Methyl tert-Butyl Ether	2390		5000	7250		ug/L		97	66 - 141	0.7	16
Methylene Chloride	ND		5000	5820		ug/L		116	64 - 139	0.4	17
4-Methyl-2-pentanone	ND		25000	24400		ug/L		97	50 - 147	3	17
n-Propylbenzene	ND		5000	5200		ug/L		104	69 - 142	4	17
Styrene	ND		5000	5010		ug/L		100	61 - 148	4	24
1,1,2,2-Tetrachloroethane	ND		5000	4670		ug/L		93	56 - 143	3	20
Tetrachloroethene	ND		5000	5640		ug/L		113	72 - 145	5	16
Tetrahydrofuran	ND		50000	69500	M7	ug/L		139	34 - 133	2	18
Toluene	ND		5000	5100		ug/L		102	75 - 136	2	15
1,2,4-Trichlorobenzene	ND		5000	5060		ug/L		101	60 - 136	10	19
1,1,1-Trichloroethane	ND		5000	5420		ug/L		108	76 - 149	1	17
1,1,2-Trichloroethane	ND		5000	5320		ug/L		106	74 - 134	2	15
Trichloroethene	ND		5000	5480		ug/L		110	73 - 144	2	17
Trichlorofluoromethane	ND		5000	4980		ug/L		100	58 - 139	0.06	18
Vinyl chloride	ND		5000	4810		ug/L		96	56 - 129	2	17
Xylenes, total	ND		15000	14500		ug/L		97	74 - 141	4	15
1,1,2-Trifluorotrichloroethane	ND		5000	5650		ug/L		113	72 - 148	4	18

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Matrix Spike Dup Limits
1,2-Dichloroethane-d4	92		70 - 130
Dibromofluoromethane	107		70 - 130
Toluene-d8	99		70 - 130
4-Bromofluorobenzene	92		70 - 130

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Lab Sample ID: 12C0354-BLK1

Matrix: Water

Analysis Batch: 12C0354

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0354_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.00	1.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Acenaphthylene	ND		2.00	1.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Acetophenone	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Anthracene	ND		2.00	1.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Atrazine	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Benzaldehyde	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Benzo (a) anthracene	ND		2.00	1.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Benzo (a) pyrene	ND		2.00	1.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Benzo (b) fluoranthene	ND		2.00	1.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Benzo (g,h,i) perylene	ND		2.00	1.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Benzo (k) fluoranthene	ND		2.00	1.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12C0354-BLK1

Matrix: Water

Analysis Batch: 12C0354

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0354_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
4-Bromophenyl phenyl ether	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Butyl benzyl phthalate	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Caprolactam	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Carbazole	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
4-Chloro-3-methylphenol	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
4-Chloroaniline	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Bis(2-chloroethoxy)methane	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Bis(2-chloroethyl)ether	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Bis(2-chloroisopropyl)ether	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
2-Chloronaphthalene	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
2-Chlorophenol	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
4-Chlorophenyl phenyl ether	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Chrysene	ND		2.00	1.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Dibenz (a,h) anthracene	ND		2.00	1.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Dibenzofuran	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Di-n-butyl phthalate	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
3,3-Dichlorobenzidine	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
2,4-Dichlorophenol	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Diethyl phthalate	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
2,4-Dimethylphenol	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Dimethyl phthalate	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
4,6-Dinitro-2-methylphenol	ND		25.0	13.0	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
2,4-Dinitrophenol	ND		25.0	13.0	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
2,4-Dinitrotoluene	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
2,6-Dinitrotoluene	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Di-n-octyl phthalate	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Bis(2-ethylhexyl)phthalate	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Fluoranthene	ND		2.00	1.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Fluorene	ND		2.00	1.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Hexachlorobenzene	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Hexachlorobutadiene	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Hexachlorocyclopentadiene	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Hexachloroethane	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Indeno (1,2,3-cd) pyrene	ND		2.00	1.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Isophorone	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
2-Methylnaphthalene	ND		2.00	1.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
2-Methylphenol	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
3/4-Methylphenol	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Naphthalene	ND		2.00	1.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
4-Nitroaniline	ND		25.0	13.0	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
2-Nitroaniline	ND		25.0	13.0	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
3-Nitroaniline	ND		25.0	13.0	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Nitrobenzene	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
2-Nitrophenol	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
4-Nitrophenol	ND		25.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
N-Nitrosodiphenylamine	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
N-Nitrosodi-n-propylamine	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Pentachlorophenol	ND		25.0	13.0	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Phenanthrene	ND		2.00	1.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12C0354-BLK1

Matrix: Water

Analysis Batch: 12C0354

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0354_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
Pyrene	ND		2.00	1.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
2,4,6-Trichlorophenol	ND		10.0	5.00	ug/L		03/03/12 06:10	03/03/12 17:24	1.00
2,4,5-Trichlorophenol	ND		25.0	13.0	ug/L		03/03/12 06:10	03/03/12 17:24	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	45		10 - 120	03/03/12 06:10	03/03/12 17:24	1.00
Phenol-d5	26		10 - 120	03/03/12 06:10	03/03/12 17:24	1.00
Nitrobenzene-d5	74		27 - 120	03/03/12 06:10	03/03/12 17:24	1.00
2-Fluorobiphenyl	65		29 - 120	03/03/12 06:10	03/03/12 17:24	1.00
2,4,6-Tribromophenol	62		10 - 120	03/03/12 06:10	03/03/12 17:24	1.00
Terphenyl-d14	96		13 - 120	03/03/12 06:10	03/03/12 17:24	1.00

Lab Sample ID: 12C0354-BS1

Matrix: Water

Analysis Batch: 12C0354

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0354_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	50.0	50.2	MNR1	ug/L		100	46 - 120
Acenaphthylene	50.0	43.2	MNR1	ug/L		86	48 - 120
Acetophenone	50.0	58.5	MNR1	ug/L		117	36 - 120
Anthracene	50.0	53.7	MNR1	ug/L		107	58 - 130
Benzo (a) anthracene	50.0	52.4	MNR1	ug/L		105	57 - 120
Benzo (a) pyrene	50.0	55.4	MNR1	ug/L		111	57 - 124
Benzo (b) fluoranthene	50.0	58.6	MNR1	ug/L		117	51 - 125
Benzo (g,h,i) perylene	50.0	52.6	MNR1	ug/L		105	51 - 123
Benzo (k) fluoranthene	50.0	45.4	MNR1	ug/L		91	51 - 120
4-Bromophenyl phenyl ether	50.0	55.4	MNR1	ug/L		111	47 - 127
Butyl benzyl phthalate	50.0	62.2	MNR1	ug/L		124	51 - 146
Carbazole	50.0	53.2	MNR1	ug/L		106	54 - 123
4-Chloro-3-methylphenol	50.0	45.0	MNR1	ug/L		90	44 - 120
4-Chloroaniline	50.0	42.7	MNR1	ug/L		85	44 - 120
Bis(2-chloroethoxy)methane	50.0	47.7	MNR1	ug/L		95	44 - 120
Bis(2-chloroethyl)ether	50.0	57.5	MNR1	ug/L		115	47 - 120
Bis(2-chloroisopropyl)ether	50.0	57.1	MNR1	ug/L		114	44 - 120
2-Chloronaphthalene	50.0	37.2	MNR1	ug/L		74	39 - 120
2-Chlorophenol	50.0	55.6	MNR1	ug/L		111	40 - 120
4-Chlorophenyl phenyl ether	50.0	47.9	MNR1	ug/L		96	50 - 120
Chrysene	50.0	52.9	MNR1	ug/L		106	55 - 120
Dibenz (a,h) anthracene	50.0	52.4	MNR1	ug/L		105	50 - 125
Dibenzofuran	50.0	51.9	MNR1	ug/L		104	50 - 120
Di-n-butyl phthalate	50.0	57.4	MNR1	ug/L		115	54 - 140
3,3-Dichlorobenzidine	50.0	54.0	MNR1	ug/L		108	46 - 129
2,4-Dichlorophenol	50.0	45.1	MNR1	ug/L		90	38 - 120
Diethyl phthalate	50.0	53.1	MNR1	ug/L		106	54 - 128
2,4-Dimethylphenol	50.0	49.3	MNR1	ug/L		99	21 - 126
Dimethyl phthalate	50.0	51.0	MNR1	ug/L		102	53 - 127
4,6-Dinitro-2-methylphenol	50.0	59.0	MNR1	ug/L		118	19 - 150
2,4-Dinitrophenol	50.0	53.2	MNR1	ug/L		106	20 - 150

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12C0354-BS1

Matrix: Water

Analysis Batch: 12C0354

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0354_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dinitrotoluene	50.0	42.1	MNR1	ug/L		84	46 - 132
2,6-Dinitrotoluene	50.0	43.0	MNR1	ug/L		86	54 - 128
Di-n-octyl phthalate	50.0	64.8	MNR1	ug/L		130	50 - 142
Bis(2-ethylhexyl)phthalate	50.0	65.4	MNR1	ug/L		131	47 - 138
Fluoranthene	50.0	52.0	MNR1	ug/L		104	56 - 120
Fluorene	50.0	50.8	MNR1	ug/L		102	52 - 120
Hexachlorobenzene	50.0	54.2	MNR1	ug/L		108	48 - 131
Hexachlorobutadiene	50.0	32.9	MNR1	ug/L		66	28 - 120
Hexachlorocyclopentadiene	50.0	24.7	MNR1	ug/L		49	17 - 120
Hexachloroethane	50.0	38.5	MNR1	ug/L		77	30 - 120
Indeno (1,2,3-cd) pyrene	50.0	53.4	MNR1	ug/L		107	54 - 125
Isophorone	50.0	38.0	MNR1	ug/L		76	47 - 120
2-Methylnaphthalene	50.0	37.6	MNR1	ug/L		75	31 - 120
2-Methylphenol	50.0	42.4	MNR1	ug/L		85	38 - 120
3/4-Methylphenol	50.0	37.4	MNR1	ug/L		75	33 - 120
Naphthalene	50.0	39.4	MNR1	ug/L		79	37 - 120
4-Nitroaniline	50.0	48.4	MNR1	ug/L		97	55 - 123
2-Nitroaniline	50.0	54.0	MNR1	ug/L		108	46 - 131
3-Nitroaniline	50.0	48.0	MNR1	ug/L		96	54 - 121
Nitrobenzene	50.0	35.5	MNR1	ug/L		71	36 - 120
2-Nitrophenol	50.0	45.9	MNR1	ug/L		92	32 - 120
4-Nitrophenol	50.0	24.1	J MNR1	ug/L		48	10 - 120
N-Nitrosodiphenylamine	50.0	69.6	MNR1	ug/L		139	58 - 149
N-Nitrosodi-n-propylamine	50.0	56.9	MNR1	ug/L		114	51 - 120
Pentachlorophenol	50.0	57.8	MNR1	ug/L		116	21 - 150
Phenanthrene	50.0	52.6	MNR1	ug/L		105	56 - 120
Phenol	50.0	28.2	MNR1	ug/L		56	14 - 120
Pyrene	50.0	54.6	MNR1	ug/L		109	53 - 129
2,4,6-Trichlorophenol	50.0	55.6	MNR1	ug/L		111	39 - 135
2,4,5-Trichlorophenol	50.0	42.1	MNR1	ug/L		84	40 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	66		10 - 120
Phenol-d5	42		10 - 120
Nitrobenzene-d5	75		27 - 120
2-Fluorobiphenyl	82		29 - 120
2,4,6-Tribromophenol	81		10 - 120
Terphenyl-d14	112		13 - 120

Lab Sample ID: 12C0354-BS2

Matrix: Water

Analysis Batch: 12C0354

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0354_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetophenone	50.0	46.5		ug/L		93	36 - 120
Atrazine	50.0	45.3		ug/L		91	24 - 133
Benzaldehyde	50.0	42.4		ug/L		85	34 - 120
Biphenyl	50.0	41.2		ug/L		82	10 - 146
Caprolactam	50.0	9.17	J	ug/L		18	10 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12C0354-BS2

Matrix: Water

Analysis Batch: 12C0354

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0354_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chloro-3-methylphenol	50.0	44.5		ug/L		89	44 - 120
2-Chlorophenol	50.0	42.7		ug/L		85	40 - 120
2,4-Dichlorophenol	50.0	42.6		ug/L		85	38 - 120
2,4-Dimethylphenol	50.0	45.8		ug/L		92	21 - 126
4,6-Dinitro-2-methylphenol	50.0	45.7		ug/L		91	19 - 150
2,4-Dinitrophenol	50.0	40.7		ug/L		81	20 - 150
2-Methylphenol	50.0	32.0		ug/L		64	38 - 120
2-Nitrophenol	50.0	43.0		ug/L		86	32 - 120
4-Nitrophenol	50.0	19.1	J	ug/L		38	10 - 120
Pentachlorophenol	50.0	41.9		ug/L		84	21 - 150
Phenol	50.0	18.0		ug/L		36	14 - 120
2,4,6-Trichlorophenol	50.0	43.0		ug/L		86	39 - 135
2,4,5-Trichlorophenol	50.0	35.4		ug/L		71	40 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	51		10 - 120
Phenol-d5	32		10 - 120
Nitrobenzene-d5	75		27 - 120
2-Fluorobiphenyl	75		29 - 120
2,4,6-Tribromophenol	69		10 - 120
Terphenyl-d14	95		13 - 120

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Lab Sample ID: 12C0442-BLK1

Matrix: Water

Analysis Batch: V003719

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0442_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		03/05/12 11:15	03/05/12 12:46	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	100		70 - 130	03/05/12 11:15	03/05/12 12:46	1.00

Lab Sample ID: 12C0442-BS1

Matrix: Water

Analysis Batch: V003719

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0442_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Glycol	50.0	45.5		mg/L		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Butanol	110		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Method: SW846 8015B - Glycols by EPA Method 8015 (modified) (Continued)

Lab Sample ID: 12C0442-MS1

Matrix: Water

Analysis Batch: V003719

Client Sample ID: MW-01A-GW-001

Prep Type: Total

Prep Batch: 12C0442_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Glycol	6.04	J	50.0	46.7		mg/L		81	41 - 139
Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits						
n-Butanol	105		70 - 130						

Lab Sample ID: 12C0442-MSD1

Matrix: Water

Analysis Batch: V003719

Client Sample ID: MW-01A-GW-001

Prep Type: Total

Prep Batch: 12C0442_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Ethylene Glycol	6.04	J	50.0	49.8		mg/L		87	41 - 139	6	36
Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits								
n-Butanol	103		70 - 130								

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Lab Sample ID: 12C0353-BLK1

Matrix: Water

Analysis Batch: V003698

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0353_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.500	0.250	ug/L		03/05/12 05:45	03/05/12 15:47	1.00
PCB-1221	ND		0.500	0.250	ug/L		03/05/12 05:45	03/05/12 15:47	1.00
PCB-1232	ND		0.500	0.250	ug/L		03/05/12 05:45	03/05/12 15:47	1.00
PCB-1242	ND		0.500	0.250	ug/L		03/05/12 05:45	03/05/12 15:47	1.00
PCB-1248	ND		0.500	0.250	ug/L		03/05/12 05:45	03/05/12 15:47	1.00
PCB-1254	ND		0.500	0.250	ug/L		03/05/12 05:45	03/05/12 15:47	1.00
PCB-1260	ND		0.500	0.250	ug/L		03/05/12 05:45	03/05/12 15:47	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	86		17 - 142				03/05/12 05:45	03/05/12 15:47	1.00
Decachlorobiphenyl	106		10 - 149				03/05/12 05:45	03/05/12 15:47	1.00

Lab Sample ID: 12C0353-BS1

Matrix: Water

Analysis Batch: V003698

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0353_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1248	5.00	5.05	MNR1	ug/L		101	11 - 150
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Tetrachloro-meta-xylene	85		17 - 142				
Decachlorobiphenyl	108		10 - 149				

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Method: SW846 6020 - Total Metals by Method 6020

Lab Sample ID: 12C0942-BLK1

Matrix: Water

Analysis Batch: V003897

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0942_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:29	1.00
Arsenic	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:29	1.00
Barium	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:29	1.00
Beryllium	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:29	1.00
Cadmium	ND		1.00	0.500	ug/L		03/07/12 07:33	03/07/12 14:29	1.00
Chromium	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:29	1.00
Cobalt	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:29	1.00
Copper	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 14:29	1.00
Lead	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:29	1.00
Manganese	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 14:29	1.00
Nickel	ND		5.00	2.50	ug/L		03/07/12 07:33	03/07/12 14:29	1.00
Selenium	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:29	1.00
Silver	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:29	1.00
Thallium	ND		2.00	1.00	ug/L		03/07/12 07:33	03/07/12 14:29	1.00
Vanadium	ND		4.00	2.00	ug/L		03/07/12 07:33	03/07/12 14:29	1.00
Zinc	ND		50.0	25.0	ug/L		03/07/12 07:33	03/07/12 14:29	1.00

Lab Sample ID: 12C0942-BS1

Matrix: Water

Analysis Batch: V003897

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0942_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	100	100		ug/L		100	80 - 120
Arsenic	100	100		ug/L		100	80 - 120
Barium	100	108		ug/L		108	80 - 120
Beryllium	100	99.7		ug/L		100	80 - 120
Cadmium	100	99.8		ug/L		100	80 - 120
Chromium	100	99.0		ug/L		99	80 - 120
Cobalt	100	96.2		ug/L		96	80 - 120
Copper	100	98.0		ug/L		98	80 - 120
Lead	100	99.8		ug/L		100	80 - 120
Manganese	100	99.4		ug/L		99	80 - 120
Nickel	100	99.2		ug/L		99	80 - 120
Selenium	100	97.9		ug/L		98	80 - 120
Silver	100	91.3		ug/L		91	80 - 120
Thallium	100	98.6		ug/L		99	80 - 120
Vanadium	100	101		ug/L		101	80 - 120
Zinc	100	100		ug/L		100	80 - 120

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Lab Sample ID: 12C0755-BLK1

Matrix: Water

Analysis Batch: 12C0755

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0755_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		03/05/12 12:40	03/06/12 12:03	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A (Continued)

Lab Sample ID: 12C0755-BS1

Matrix: Water

Analysis Batch: 12C0755

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0755_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00100	0.000950		mg/L		95	80 - 120

Lab Sample ID: 12C0755-MS1

Matrix: Water

Analysis Batch: 12C0755

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12C0755_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00100	0.00106		mg/L		106	75 - 125

Lab Sample ID: 12C0755-MSD1

Matrix: Water

Analysis Batch: 12C0755

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12C0755_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00100	0.00106		mg/L		106	75 - 125	0.05	20

Method: 1010/1010A - General Chemistry Parameters

Lab Sample ID: 12C2422-BLK1

Matrix: Water

Analysis Batch: 12C2422

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C2422_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>200				Deg F		03/12/12 13:03	03/12/12 13:30	1.00

Lab Sample ID: 12C2422-BS1

Matrix: Water

Analysis Batch: 12C2422

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C2422_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	85.0		Deg F		105	94 - 106

Lab Sample ID: 12C2422-DUP1

Matrix: Water

Analysis Batch: 12C2422

Client Sample ID: Duplicate

Prep Type: Total

Prep Batch: 12C2422_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Flashpoint	0.00		>200		Deg F			20

Method: SW846 7196A - General Chemistry Parameters

Lab Sample ID: 12C0389-BLK1

Matrix: Water

Analysis Batch: 12C0389

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0389_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		0.0100	0.00500	mg/L		03/02/12 13:55	03/02/12 13:55	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Method: SW846 7196A - General Chemistry Parameters (Continued)

Lab Sample ID: 12C0389-BS1

Matrix: Water

Analysis Batch: 12C0389

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0389_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	0.100	0.104		mg/L		104	85 - 115

Lab Sample ID: 12C0389-MS1

Matrix: Water

Analysis Batch: 12C0389

Client Sample ID: MW-01A-GW-001

Prep Type: Total

Prep Batch: 12C0389_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	0.111		1.00	1.07		mg/L		96	85 - 115

Lab Sample ID: 12C0389-MSD1

Matrix: Water

Analysis Batch: 12C0389

Client Sample ID: MW-01A-GW-001

Prep Type: Total

Prep Batch: 12C0389_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium (VI)	0.111		1.00	1.05		mg/L		94	85 - 115	2	10

Lab Sample ID: 12C0389-DUP1

Matrix: Water

Analysis Batch: 12C0389

Client Sample ID: MW-01A-GW-001

Prep Type: Total

Prep Batch: 12C0389_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Chromium (VI)	0.111		0.0790	J R2	mg/L		34	10

Method: SW846 9012B - General Chemistry Parameters

Lab Sample ID: 12C0402-BLK1

Matrix: Water

Analysis Batch: 12C0402

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0402_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		0.00500	0.00250	mg/L		03/08/12 16:30	03/09/12 06:12	1.00

Lab Sample ID: 12C0402-BS1

Matrix: Water

Analysis Batch: 12C0402

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0402_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	0.100	0.0911		mg/L		91	90 - 110

Lab Sample ID: 12C0402-MS1

Matrix: Water

Analysis Batch: 12C0402

Client Sample ID: MW-01A-GW-001

Prep Type: Total

Prep Batch: 12C0402_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	0.00424	J	0.100	0.0908		mg/L		87	70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Method: SW846 9012B - General Chemistry Parameters (Continued)

Lab Sample ID: 12C0402-MSD1

Matrix: Water

Analysis Batch: 12C0402

Client Sample ID: MW-01A-GW-001

Prep Type: Total

Prep Batch: 12C0402_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide	0.00424	J	0.100	0.0870		mg/L		83	70 - 130	4	20

Lab Sample ID: 12C0402-DUP1

Matrix: Water

Analysis Batch: 12C0402

Client Sample ID: MW-01B-GW-001

Prep Type: Total

Prep Batch: 12C0402_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide	0.00790		0.00800		mg/L				1	20

Method: SW846 9040C - General Chemistry Parameters

Lab Sample ID: 12C0936-BS1

Matrix: Water

Analysis Batch: 12C0936

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0936_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
pH	7.00	7.03		pH Units		100	95 - 105		

Lab Sample ID: 12C0936-BSD1

Matrix: Water

Analysis Batch: 12C0936

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12C0936_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
pH	7.00	7.02		pH Units		100	95 - 105	0.1	10

Lab Sample ID: 12C0936-DUP1

Matrix: Water

Analysis Batch: 12C0936

Client Sample ID: Duplicate

Prep Type: Total

Prep Batch: 12C0936_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
pH	6.90		6.90		pH Units				0	20

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

GCMS Volatiles

Analysis Batch: V003963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0349-BLK1	Method Blank	Total	Water	SW846 8260B	12C0349_P
12C0349-BS1	Lab Control Sample	Total	Water	SW846 8260B	12C0349_P
12C0349-BS2	Lab Control Sample	Total	Water	SW846 8260B	12C0349_P
12C0349-BSD1	Lab Control Sample Dup	Total	Water	SW846 8260B	12C0349_P
12C0349-BSD2	Lab Control Sample Dup	Total	Water	SW846 8260B	12C0349_P
12C0349-MS1	Matrix Spike	Total	Water	SW846 8260B	12C0349_P
12C0349-MSD1	Matrix Spike Duplicate	Total	Water	SW846 8260B	12C0349_P
NWC0208-01	Trip Blank	Total	Water	SW846 8260B	12C0349_P
NWC0208-02	MW-01A-GW-001	Total	Ground Water	SW846 8260B	12C0349_P
NWC0208-04	MW-01B-GW-001	Total	Ground Water	SW846 8260B	12C0349_P
NWC0208-05	MW-05-GW-001	Total	Ground Water	SW846 8260B	12C0349_P
NWC0208-06	MW-06-GW-001	Total	Ground Water	SW846 8260B	12C0349_P
NWC0208-08	MW-07-GW-001	Total	Ground Water	SW846 8260B	12C0349_P

Prep Batch: 12C0349_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0349-BLK1	Method Blank	Total	Water	EPA 5030B	
12C0349-BS1	Lab Control Sample	Total	Water	EPA 5030B	
12C0349-BS2	Lab Control Sample	Total	Water	EPA 5030B	
12C0349-BSD1	Lab Control Sample Dup	Total	Water	EPA 5030B	
12C0349-BSD2	Lab Control Sample Dup	Total	Water	EPA 5030B	
12C0349-MS1	Matrix Spike	Total	Water	EPA 5030B	
12C0349-MSD1	Matrix Spike Duplicate	Total	Water	EPA 5030B	
NWC0208-01	Trip Blank	Total	Water	EPA 5030B	
NWC0208-02	MW-01A-GW-001	Total	Ground Water	EPA 5030B	
NWC0208-04	MW-01B-GW-001	Total	Ground Water	EPA 5030B	
NWC0208-05	MW-05-GW-001	Total	Ground Water	EPA 5030B	
NWC0208-06	MW-06-GW-001	Total	Ground Water	EPA 5030B	
NWC0208-08	MW-07-GW-001	Total	Ground Water	EPA 5030B	

GCMS Semivolatiles

Analysis Batch: 12C0354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0354-BLK1	Method Blank	Total	Water	SW846 8270C	12C0354_P
12C0354-BS1	Lab Control Sample	Total	Water	SW846 8270C	12C0354_P
12C0354-BS2	Lab Control Sample	Total	Water	SW846 8270C	12C0354_P
NWC0208-02	MW-01A-GW-001	Total	Ground Water	SW846 8270C	12C0354_P
NWC0208-04	MW-01B-GW-001	Total	Ground Water	SW846 8270C	12C0354_P
NWC0208-05	MW-05-GW-001	Total	Ground Water	SW846 8270C	12C0354_P
NWC0208-06	MW-06-GW-001	Total	Ground Water	SW846 8270C	12C0354_P
NWC0208-08	MW-07-GW-001	Total	Ground Water	SW846 8270C	12C0354_P

Prep Batch: 12C0354_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0354-BLK1	Method Blank	Total	Water	EPA 3510C	
12C0354-BS1	Lab Control Sample	Total	Water	EPA 3510C	
12C0354-BS2	Lab Control Sample	Total	Water	EPA 3510C	
NWC0208-02	MW-01A-GW-001	Total	Ground Water	EPA 3510C	
NWC0208-04	MW-01B-GW-001	Total	Ground Water	EPA 3510C	
NWC0208-05	MW-05-GW-001	Total	Ground Water	EPA 3510C	
NWC0208-06	MW-06-GW-001	Total	Ground Water	EPA 3510C	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

GCMS Semivolatiles (Continued)

Prep Batch: 12C0354_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWC0208-08	MW-07-GW-001	Total	Ground Water	EPA 3510C	

Pesticides

Analysis Batch: V003698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0353-BLK1	Method Blank	Total	Water	SW846 8082	12C0353_P
12C0353-BS1	Lab Control Sample	Total	Water	SW846 8082	12C0353_P
NWC0208-02	MW-01A-GW-001	Total	Ground Water	SW846 8082	12C0353_P
NWC0208-04	MW-01B-GW-001	Total	Ground Water	SW846 8082	12C0353_P
NWC0208-05	MW-05-GW-001	Total	Ground Water	SW846 8082	12C0353_P
NWC0208-06	MW-06-GW-001	Total	Ground Water	SW846 8082	12C0353_P
NWC0208-08	MW-07-GW-001	Total	Ground Water	SW846 8082	12C0353_P

Analysis Batch: V003719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0442-BLK1	Method Blank	Total	Water	SW846 8015B	12C0442_P
12C0442-BS1	Lab Control Sample	Total	Water	SW846 8015B	12C0442_P
12C0442-MS1	MW-01A-GW-001	Total	Water	SW846 8015B	12C0442_P
12C0442-MSD1	MW-01A-GW-001	Total	Water	SW846 8015B	12C0442_P
NWC0208-02	MW-01A-GW-001	Total	Ground Water	SW846 8015B	12C0442_P
NWC0208-04	MW-01B-GW-001	Total	Ground Water	SW846 8015B	12C0442_P
NWC0208-05	MW-05-GW-001	Total	Ground Water	SW846 8015B	12C0442_P
NWC0208-06	MW-06-GW-001	Total	Ground Water	SW846 8015B	12C0442_P
NWC0208-08	MW-07-GW-001	Total	Ground Water	SW846 8015B	12C0442_P

Prep Batch: 12C0353_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0353-BLK1	Method Blank	Total	Water	EPA 3510C/3665A	
12C0353-BS1	Lab Control Sample	Total	Water	EPA 3510C/3665A	
NWC0208-02	MW-01A-GW-001	Total	Ground Water	EPA 3510C/3665A	
NWC0208-04	MW-01B-GW-001	Total	Ground Water	EPA 3510C/3665A	
NWC0208-05	MW-05-GW-001	Total	Ground Water	EPA 3510C/3665A	
NWC0208-06	MW-06-GW-001	Total	Ground Water	EPA 3510C/3665A	
NWC0208-08	MW-07-GW-001	Total	Ground Water	EPA 3510C/3665A	

Prep Batch: 12C0442_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0442-BLK1	Method Blank	Total	Water	NO PREP-PEST	
12C0442-BS1	Lab Control Sample	Total	Water	NO PREP-PEST	
12C0442-MS1	MW-01A-GW-001	Total	Water	NO PREP-PEST	
12C0442-MSD1	MW-01A-GW-001	Total	Water	NO PREP-PEST	
NWC0208-02	MW-01A-GW-001	Total	Ground Water	NO PREP-PEST	
NWC0208-04	MW-01B-GW-001	Total	Ground Water	NO PREP-PEST	
NWC0208-05	MW-05-GW-001	Total	Ground Water	NO PREP-PEST	
NWC0208-06	MW-06-GW-001	Total	Ground Water	NO PREP-PEST	
NWC0208-08	MW-07-GW-001	Total	Ground Water	NO PREP-PEST	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Metals

Analysis Batch: 12C0755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0755-BLK1	Method Blank	Total	Water	SW846 7470A	12C0755_P
12C0755-BS1	Lab Control Sample	Total	Water	SW846 7470A	12C0755_P
12C0755-MS1	Matrix Spike	Total	Water	SW846 7470A	12C0755_P
12C0755-MSD1	Matrix Spike Duplicate	Total	Water	SW846 7470A	12C0755_P
NWC0208-02	MW-01A-GW-001	Total	Ground Water	SW846 7470A	12C0755_P
NWC0208-04	MW-01B-GW-001	Total	Ground Water	SW846 7470A	12C0755_P
NWC0208-05	MW-05-GW-001	Total	Ground Water	SW846 7470A	12C0755_P
NWC0208-06	MW-06-GW-001	Total	Ground Water	SW846 7470A	12C0755_P
NWC0208-08	MW-07-GW-001	Total	Ground Water	SW846 7470A	12C0755_P

Analysis Batch: V003897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0942-BLK1	Method Blank	Total	Water	SW846 6020	12C0942_P
12C0942-BS1	Lab Control Sample	Total	Water	SW846 6020	12C0942_P
NWC0208-02	MW-01A-GW-001	Total	Ground Water	SW846 6020	12C0942_P
NWC0208-04	MW-01B-GW-001	Total	Ground Water	SW846 6020	12C0942_P
NWC0208-05	MW-05-GW-001	Total	Ground Water	SW846 6020	12C0942_P
NWC0208-06	MW-06-GW-001	Total	Ground Water	SW846 6020	12C0942_P
NWC0208-08	MW-07-GW-001	Total	Ground Water	SW846 6020	12C0942_P

Analysis Batch: V003947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWC0208-02 - RE2	MW-01A-GW-001	Total	Ground Water	SW846 6020	12C0942_P
NWC0208-04 - RE2	MW-01B-GW-001	Total	Ground Water	SW846 6020	12C0942_P
NWC0208-05 - RE2	MW-05-GW-001	Total	Ground Water	SW846 6020	12C0942_P
NWC0208-06 - RE2	MW-06-GW-001	Total	Ground Water	SW846 6020	12C0942_P
NWC0208-08 - RE2	MW-07-GW-001	Total	Ground Water	SW846 6020	12C0942_P

Prep Batch: 12C0755_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0755-BLK1	Method Blank	Total	Water	EPA 7470	
12C0755-BS1	Lab Control Sample	Total	Water	EPA 7470	
12C0755-MS1	Matrix Spike	Total	Water	EPA 7470	
12C0755-MSD1	Matrix Spike Duplicate	Total	Water	EPA 7470	
NWC0208-02	MW-01A-GW-001	Total	Ground Water	EPA 7470	
NWC0208-04	MW-01B-GW-001	Total	Ground Water	EPA 7470	
NWC0208-05	MW-05-GW-001	Total	Ground Water	EPA 7470	
NWC0208-06	MW-06-GW-001	Total	Ground Water	EPA 7470	
NWC0208-08	MW-07-GW-001	Total	Ground Water	EPA 7470	

Prep Batch: 12C0942_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0942-BLK1	Method Blank	Total	Water	EPA 3010A / 6020	
12C0942-BS1	Lab Control Sample	Total	Water	EPA 3010A / 6020	
NWC0208-02	MW-01A-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0208-02 - RE2	MW-01A-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0208-04	MW-01B-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0208-04 - RE2	MW-01B-GW-001	Total	Ground Water	EPA 3010A / 6020	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Metals (Continued)

Prep Batch: 12C0942_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWC0208-05	MW-05-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0208-05 - RE2	MW-05-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0208-06	MW-06-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0208-06 - RE2	MW-06-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0208-08	MW-07-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0208-08 - RE2	MW-07-GW-001	Total	Ground Water	EPA 3010A / 6020	

WetChem

Analysis Batch: 12C0389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0389-BLK1	Method Blank	Total	Water	SW846 7196A	12C0389_P
12C0389-BS1	Lab Control Sample	Total	Water	SW846 7196A	12C0389_P
12C0389-DUP1	MW-01A-GW-001	Total	Water	SW846 7196A	12C0389_P
12C0389-MS1	MW-01A-GW-001	Total	Water	SW846 7196A	12C0389_P
12C0389-MSD1	MW-01A-GW-001	Total	Water	SW846 7196A	12C0389_P
NWC0208-03	MW-01A-GW-001	Total	Ground Water	SW846 7196A	12C0389_P
NWC0208-04	MW-01B-GW-001	Total	Ground Water	SW846 7196A	12C0389_P
NWC0208-05	MW-05-GW-001	Total	Ground Water	SW846 7196A	12C0389_P
NWC0208-07	MW-06-GW-001	Total	Ground Water	SW846 7196A	12C0389_P
NWC0208-09	MW-07-GW-001	Total	Ground Water	SW846 7196A	12C0389_P

Analysis Batch: 12C0402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0402-BLK1	Method Blank	Total	Water	SW846 9012B	12C0402_P
12C0402-BS1	Lab Control Sample	Total	Water	SW846 9012B	12C0402_P
12C0402-DUP1	MW-01B-GW-001	Total	Water	SW846 9012B	12C0402_P
12C0402-MS1	MW-01A-GW-001	Total	Water	SW846 9012B	12C0402_P
12C0402-MSD1	MW-01A-GW-001	Total	Water	SW846 9012B	12C0402_P
NWC0208-02	MW-01A-GW-001	Total	Ground Water	SW846 9012B	12C0402_P
NWC0208-04	MW-01B-GW-001	Total	Ground Water	SW846 9012B	12C0402_P
NWC0208-05	MW-05-GW-001	Total	Ground Water	SW846 9012B	12C0402_P
NWC0208-06	MW-06-GW-001	Total	Ground Water	SW846 9012B	12C0402_P
NWC0208-08	MW-07-GW-001	Total	Ground Water	SW846 9012B	12C0402_P

Analysis Batch: 12C2422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C2422-BLK1	Method Blank	Total	Water	1010/1010A	12C2422_P
12C2422-BS1	Lab Control Sample	Total	Water	1010/1010A	12C2422_P
12C2422-DUP1	Duplicate	Total	Water	1010/1010A	12C2422_P
NWC0208-08	MW-07-GW-001	Total	Ground Water	1010/1010A	12C2422_P

Prep Batch: 12C0389_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0389-BLK1	Method Blank	Total	Water	NO PREP	
12C0389-BS1	Lab Control Sample	Total	Water	NO PREP	
12C0389-DUP1	MW-01A-GW-001	Total	Water	NO PREP	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

WetChem (Continued)

Prep Batch: 12C0389_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0389-MS1	MW-01A-GW-001	Total	Water	NO PREP	
12C0389-MSD1	MW-01A-GW-001	Total	Water	NO PREP	
NWC0208-03	MW-01A-GW-001	Total	Ground Water	NO PREP	
NWC0208-04	MW-01B-GW-001	Total	Ground Water	NO PREP	
NWC0208-05	MW-05-GW-001	Total	Ground Water	NO PREP	
NWC0208-07	MW-06-GW-001	Total	Ground Water	NO PREP	
NWC0208-09	MW-07-GW-001	Total	Ground Water	NO PREP	

Prep Batch: 12C0402_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0402-BLK1	Method Blank	Total	Water	NO PREP	
12C0402-BS1	Lab Control Sample	Total	Water	NO PREP	
12C0402-DUP1	MW-01B-GW-001	Total	Water	NO PREP	
12C0402-MS1	MW-01A-GW-001	Total	Water	NO PREP	
12C0402-MSD1	MW-01A-GW-001	Total	Water	NO PREP	
NWC0208-02	MW-01A-GW-001	Total	Ground Water	NO PREP	
NWC0208-04	MW-01B-GW-001	Total	Ground Water	NO PREP	
NWC0208-05	MW-05-GW-001	Total	Ground Water	NO PREP	
NWC0208-06	MW-06-GW-001	Total	Ground Water	NO PREP	
NWC0208-08	MW-07-GW-001	Total	Ground Water	NO PREP	

Prep Batch: 12C2422_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C2422-BLK1	Method Blank	Total	Water	NO PREP	
12C2422-BS1	Lab Control Sample	Total	Water	NO PREP	
12C2422-DUP1	Duplicate	Total	Water	NO PREP	
NWC0208-08	MW-07-GW-001	Total	Ground Water	NO PREP	

TCLP

Analysis Batch: 12C0936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0936-BS1	Lab Control Sample	Total	Water	SW846 9040C	12C0936_P
12C0936-BSD1	Lab Control Sample Dup	Total	Water	SW846 9040C	12C0936_P
12C0936-DUP1	Duplicate	Total	Water	SW846 9040C	12C0936_P
NWC0208-08	MW-07-GW-001	Total	Ground Water	SW846 9040C	12C0936_P

Prep Batch: 12C0936_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0936-BS1	Lab Control Sample	Total	Water	METHOD PREP	
12C0936-BSD1	Lab Control Sample Dup	Total	Water	METHOD PREP	
12C0936-DUP1	Duplicate	Total	Water	METHOD PREP	
NWC0208-08	MW-07-GW-001	Total	Ground Water	METHOD PREP	

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: Trip Blank

Date Collected: 03/01/12 00:01

Date Received: 03/02/12 08:20

Lab Sample ID: NWC0208-01

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C0349_P	03/07/12 07:33	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V003963	03/07/12 15:58	QJK	TAL NSH

Client Sample ID: MW-01A-GW-001

Date Collected: 03/01/12 12:16

Date Received: 03/02/12 08:20

Lab Sample ID: NWC0208-02

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C0349_P	03/07/12 07:33	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V003963	03/07/12 16:26	QJK	TAL NSH
Total	Prep	EPA 3510C		0.943	12C0354_P	03/03/12 06:10	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12C0354	03/03/12 19:23	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12C0442_P	03/05/12 11:15	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V003719	03/05/12 13:46	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A		0.943	12C0353_P	03/05/12 05:45	MAH	TAL NSH
Total	Analysis	SW846 8082		1.00	V003698	03/05/12 16:31	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12C0942_P	03/07/12 07:33	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	V003897	03/07/12 14:47	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12C0755_P	03/05/12 12:40	MB	TAL NSH
Total	Analysis	SW846 7470A		1.00	12C0755	03/06/12 12:19	ALJ	TAL NSH
Total	Prep	EPA 3010A / 6020	RE2	1.00	12C0942_P	03/07/12 07:33	MET	TAL NSH
Total	Analysis	SW846 6020	RE2	2.00	V003947	03/08/12 11:32	MET	TAL NSH
Total	Prep	NO PREP		1.00	12C0402_P	03/08/12 16:30	JDJ	TAL NSH
Total	Analysis	SW846 9012B		1.00	12C0402	03/09/12 06:12	REM	TAL NSH

Client Sample ID: MW-01A-GW-001

Date Collected: 03/01/12 17:09

Date Received: 03/02/12 08:20

Lab Sample ID: NWC0208-03

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	SW846 7196A		10.0	12C0389	03/02/12 13:55	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12C0389_P	03/02/12 13:55	AMB	TAL NSH

Client Sample ID: MW-01B-GW-001

Date Collected: 03/01/12 14:32

Date Received: 03/02/12 08:20

Lab Sample ID: NWC0208-04

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C0349_P	03/07/12 07:33	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V003963	03/07/12 16:54	QJK	TAL NSH
Total	Prep	EPA 3510C		0.952	12C0354_P	03/03/12 06:10	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12C0354	03/03/12 19:42	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12C0442_P	03/05/12 11:15	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V003719	03/05/12 14:01	AMJ	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-01B-GW-001

Lab Sample ID: NWC0208-04

Date Collected: 03/01/12 14:32

Matrix: Ground Water

Date Received: 03/02/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 3510C/3665A		0.943	12C0353_P	03/05/12 05:45	MAH	TAL NSH
Total	Analysis	SW846 8082		1.00	V003698	03/05/12 16:52	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12C0942_P	03/07/12 07:33	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	V003897	03/07/12 14:50	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12C0755_P	03/05/12 12:40	MB	TAL NSH
Total	Analysis	SW846 7470A		1.00	12C0755	03/06/12 12:21	ALJ	TAL NSH
Total	Prep	EPA 3010A / 6020	RE2	1.00	12C0942_P	03/07/12 07:33	MET	TAL NSH
Total	Analysis	SW846 6020	RE2	2.00	V003947	03/08/12 11:39	MET	TAL NSH
Total	Analysis	SW846 7196A		1.00	12C0389	03/02/12 13:55	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12C0389_P	03/02/12 13:55	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12C0402_P	03/08/12 16:30	JDJ	TAL NSH
Total	Analysis	SW846 9012B		1.00	12C0402	03/09/12 06:12	REM	TAL NSH

Client Sample ID: MW-05-GW-001

Lab Sample ID: NWC0208-05

Date Collected: 03/01/12 16:46

Matrix: Ground Water

Date Received: 03/02/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C0349_P	03/07/12 07:33	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V003963	03/07/12 17:22	QJK	TAL NSH
Total	Prep	EPA 3510C		0.943	12C0354_P	03/03/12 06:10	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12C0354	03/03/12 20:02	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12C0442_P	03/05/12 11:15	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V003719	03/05/12 14:16	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A		0.943	12C0353_P	03/05/12 05:45	MAH	TAL NSH
Total	Analysis	SW846 8082		1.00	V003698	03/05/12 17:14	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12C0942_P	03/07/12 07:33	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	V003897	03/07/12 14:54	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12C0755_P	03/05/12 12:40	MB	TAL NSH
Total	Analysis	SW846 7470A		1.00	12C0755	03/06/12 12:24	ALJ	TAL NSH
Total	Prep	EPA 3010A / 6020	RE2	1.00	12C0942_P	03/07/12 07:33	MET	TAL NSH
Total	Analysis	SW846 6020	RE2	20.0	V003947	03/08/12 11:46	MET	TAL NSH
Total	Analysis	SW846 7196A		1.00	12C0389	03/02/12 13:55	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12C0389_P	03/02/12 13:55	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12C0402_P	03/08/12 16:30	JDJ	TAL NSH
Total	Analysis	SW846 9012B		1.00	12C0402	03/09/12 06:12	REM	TAL NSH

Client Sample ID: MW-06-GW-001

Lab Sample ID: NWC0208-06

Date Collected: 02/29/12 16:37

Matrix: Ground Water

Date Received: 03/02/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C0349_P	03/07/12 07:33	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V003963	03/07/12 17:50	QJK	TAL NSH
Total	Prep	EPA 3510C		0.952	12C0354_P	03/03/12 06:10	JJR	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-06-GW-001

Lab Sample ID: NWC0208-06

Date Collected: 02/29/12 16:37

Matrix: Ground Water

Date Received: 03/02/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	SW846 8270C		1.00	12C0354	03/03/12 20:22	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12C0442_P	03/05/12 11:15	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V003719	03/05/12 14:31	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A		0.943	12C0353_P	03/05/12 05:45	MAH	TAL NSH
Total	Analysis	SW846 8082		1.00	V003698	03/05/12 17:36	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12C0942_P	03/07/12 07:33	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	V003897	03/07/12 14:58	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12C0755_P	03/05/12 12:40	MB	TAL NSH
Total	Analysis	SW846 7470A		1.00	12C0755	03/06/12 12:26	ALJ	TAL NSH
Total	Prep	EPA 3010A / 6020	RE2	1.00	12C0942_P	03/07/12 07:33	MET	TAL NSH
Total	Analysis	SW846 6020	RE2	10.0	V003947	03/08/12 11:54	MET	TAL NSH
Total	Prep	NO PREP		1.00	12C0402_P	03/08/12 16:30	JDJ	TAL NSH
Total	Analysis	SW846 9012B		1.00	12C0402	03/09/12 06:12	REM	TAL NSH

Client Sample ID: MW-06-GW-001

Lab Sample ID: NWC0208-07

Date Collected: 03/01/12 17:17

Matrix: Ground Water

Date Received: 03/02/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	SW846 7196A		10.0	12C0389	03/02/12 13:55	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12C0389_P	03/02/12 13:55	AMB	TAL NSH

Client Sample ID: MW-07-GW-001

Lab Sample ID: NWC0208-08

Date Collected: 02/29/12 09:23

Matrix: Ground Water

Date Received: 03/02/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C0349_P	03/07/12 07:33	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V003963	03/07/12 18:18	QJK	TAL NSH
Total	Prep	EPA 3510C		0.952	12C0354_P	03/03/12 06:10	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12C0354	03/03/12 20:42	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12C0442_P	03/05/12 11:15	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V003719	03/05/12 14:46	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A		0.943	12C0353_P	03/05/12 05:45	MAH	TAL NSH
Total	Analysis	SW846 8082		1.00	V003698	03/05/12 17:57	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12C0942_P	03/07/12 07:33	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	V003897	03/07/12 15:09	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12C0755_P	03/05/12 12:40	MB	TAL NSH
Total	Analysis	SW846 7470A		1.00	12C0755	03/06/12 12:28	ALJ	TAL NSH
Total	Prep	EPA 3010A / 6020	RE2	1.00	12C0942_P	03/07/12 07:33	MET	TAL NSH
Total	Analysis	SW846 6020	RE2	20.0	V003947	03/08/12 12:08	MET	TAL NSH
Total	Prep	NO PREP		1.00	12C0402_P	03/08/12 16:30	JDJ	TAL NSH
Total	Analysis	SW846 9012B		1.00	12C0402	03/09/12 06:12	REM	TAL NSH
Total	Prep	NO PREP		1.00	12C2422_P	03/12/12 13:03	REM	TAL NSH
Total	Analysis	1010/1010A		1.00	12C2422	03/12/12 13:30	REM	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Client Sample ID: MW-07-GW-001

Lab Sample ID: NWC0208-08

Date Collected: 02/29/12 09:23

Matrix: Ground Water

Date Received: 03/02/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	SW846 9040C		1.00	12C0936	03/06/12 09:00	SJM	TAL NSH
Total	Prep	METHOD PREP		1.00	12C0936_P	03/06/12 09:00	SJM	TAL NSH

Client Sample ID: MW-07-GW-001

Lab Sample ID: NWC0208-09

Date Collected: 03/01/12 17:23

Matrix: Ground Water

Date Received: 03/02/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	SW846 7196A		1.00	12C0389	03/02/12 13:55	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12C0389_P	03/02/12 13:55	AMB	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Method Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Method	Method Description	Protocol	Laboratory
SW846 9040C	General Chemistry Parameters		TAL NSH
SW846 8260B	Volatile Organic Compounds by EPA Method 8260B		TAL NSH
SW846 8270C	Semivolatile Organic Compounds by EPA Method 8270C		TAL NSH
SW846 8015B	Glycols by EPA Method 8015 (modified)		TAL NSH
SW846 8082	Polychlorinated Biphenyls by EPA Method 8082		TAL NSH
SW846 6020	Total Metals by Method 6020		TAL NSH
SW846 7470A	Mercury by EPA Methods 7470A/7471A		TAL NSH
1010/1010A	General Chemistry Parameters		TAL NSH
SW846 7196A	General Chemistry Parameters		TAL NSH
SW846 9012B	General Chemistry Parameters		TAL NSH

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

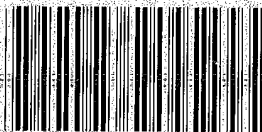
Certification Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0208

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Nashville		ACIL		393
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska (UST)	State Program	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas DEQ	State Program	6	88-0737
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Canadian Assoc Lab Accred (CALA)	Canada		3744
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Florida	NELAC	4	E87358
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Kentucky (UST)	State Program	4	19
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Louisiana	NELAC	6	LA110014
TestAmerica Nashville	Maryland	State Program	3	316
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana (UST)	State Program	8	NA
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina DENR	State Program	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio VAP	State Program	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	USDA	Federal		S-48469
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	NELAC Secondary AB	3	460152
TestAmerica Nashville	Virginia	State Program	3	00323
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia DEP	State Program	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430
TestAmerica Nashville	Wyoming (UST)	A2LA	8	453.07

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.



NWC0208

Cooler Received/Opened On 3/2/2012 @ 0820

1. Tracking # DA 3-2-12 N/A 2866 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 97310166

2. Temperature of rep. sample or temp blank when opened: 4.7 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? Two YES...NO...NA

If yes, how many and where: DA 3-2-12 one front of

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) DA

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) P.H.

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) P.H.

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) P.H.

I certify that I attached a label with the unique LIMS number to each container (initial) P.H.

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO..#

COOL

NWC0208
03/13/12 23:59

Cooler Received/Opened On 3/2/2012 @ 0820

1. Tracking # 4947 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 17610176

2. Temperature of rep. sample or temp blank when opened: 5.2 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 2 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) Se

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 2

I certify that I unloaded the cooler and answered questions 7-14 (initial) P.H.

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) P.H.

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) P.H.

I certify that I attached a label with the unique LIMS number to each container (initial) P.H.

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO..#

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax: (615) 726-3404
"Reg District (CA)"

NWC0208

03/13/12 23:59

Page ____ of ____

Client: Haley & Aldrich (Lenexa)

Address: 8735 Rosehill Road, Suite 340

City, State, Zip: Lenexa KS

66215-6949

Client Invoice Contact: Accounts Payable

Client Project Mgr: Mariruth Gruis

Client Telephone#: (913) 217-6907

Fax: (913) 217-6957

Reg District (CA):

Sampler Name (Print)

Site Address:

Sampler Signature:

City, State, Zip:

Missouri

Preservative

Matrix

Analyze for

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	8015B Ethylene Glycol	8082 PCBs	8260B Extended List VOA	8270C Extended SVOA	Chromium, Hexavalent by EPA 7196	Cyanide Total 9012B	AL MET WATER 6020/6010B/7470A	RUSH TAT (Pre Schedule)*
water																												
Typ Black	~~3/11/12~~	—																										
MUS-01A-6W-001	3/11/12	1216	12	X					61				14	X							X	X	X	X	X	X	X	
MUS-01A-6W-001	3/11/12	1709	1	X									11	X							X	X	X	X	X	X	X	
MUS-01B-6W-001	3/11/12	1432	13	X					61				15	X							X	X	X	X	X	X	X	
MUS-05-6W-001	3/11/12	1646	13	X					61				14	X							X	X	X	X	X	X	X	
MUS-06-6W-001	3/11/12	1637	12	X					61				14	X							X	X	X	X	X	X	X	
MUS-06-6W-001	3/11/12	1717	1	X									11	X							X	X	X	X	X	X	X	
MUS-07-6W-001	3/11/12	0923	12	X					61				14	X							X	X	X	X	X	X	X	
MUS-07-6W-001	3/11/12	1723	1	X									11	X							X	X	X	X	X	X	X	

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 28481

Relinquished by: John Knightly Date: 3/11/12 Time: 2000

Date: _____ Time: _____ Relinquished by: _____

Shipped Via: TA Date: 3/13/12 Time: 08:30

QC Deliverables (Please Circle One):
Level 2 Level 3 Level 4 Site Specific
(If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)

Received for TestAmerica by: John Knightly Date: 3/13/12 Time: 08:30

Date Due of Report: _____

Temperature Upon Receipt: Mutl.

VOCS Free of Headspace? Y N

Client: Haley & Aldrich (Lenexa)
Address: 8735 Rosehill Road, Suite 340
City, State, Zip: Lenexa KS 66215-6949
Client Invoice Contact: Accounts Payable
Client Project Mgr: Mariruth Gruis
Client Telephone#: (913) 217-6907 Fax: (913) 217-6957
Sampler Name (Print): John Knightly
Sampler Signature: [Signature]

TA Account #: 532031 PO #: _____
Invoice to: Haley & Aldrich
Report to: Mariruth Gruis
Project Name: Leeds Facility
Facility ID: [none]
Reg District (CA): _____
Site Address: _____
City, State, Zip: Missouri

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Methanol	Sodium Bisulfate	Preservative					Matrix					Analyze for										RUSH TAT (Pre Schedule)*
									(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	(Orange Label) NaOH	(Blue Label) HCL	Groundwater	Wastewater	Drinking Water	Sludge	Soil	(Specify) Other	8015B Ethylene Glycol	8082 PCBs	8260B Extended List VOA	8270C Extended SVOA	Chromium, Hexavalent by EPA 7196	Cyanide Total 9012B	AL MET WATER 6020/6010B/7470A	Flash Point (min)	
water																													
Typ Blank	3/1/12	1																											
MW-01A-GW-001	3/1/12	1216	12	X					6	1	1	4	X								X	X	X	X		X	X		
MW-01A-GW-001	3/1/12	1709	1	X																					X				
MW-01B-GW-001	3/1/12	1432	13	X					6	1	1	5	X								X	X	X	X	X	X	X		
MW-05-GW-001	3/1/12	1646	13	X					6	1	1	5	X								X	X	X	X	X	X	X		
MW-06-GW-001	2/29/12	1637	12	X					6	1	1	4	X								X	X	X	X		X	X		
MW-06-GW-001	3/1/12	1717	1	X																					X				
MW-07-GW-001	3/1/12	0923	12	X					6	1	1	4	X								X	X	X	X		X	X	X	
MW-07-GW-001	3/1/12	1723	1	X																									

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 28481

Updated COC - 3/1/12 - adding
Flash pt & pH to MW-07-GW-001

Relinquished by: <u>[Signature]</u>	Date: <u>3/1/12</u>	Time: <u>2000</u>	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Shipped Via:			Shipped Via:			QC Deliverables (Please Circle One): Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)		
Received for TestAmerica by:			Date:	Time:	Temperature Upon Receipt:	Sample Containers Intact? Y N VOCs Free of Headpace? Y N		
						Date Due of Report:		

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

2960 Foster Creighton Road

Nashville, TN 37204

Tel: 800-765-0980

TestAmerica Job ID: NWC0426

Client Project/Site: [none]

Client Project Description: Leeds Facility

For:

Haley & Aldrich (Lenexa)

8735 Rosehill Road, Suite 340

Lenexa, KS 66215-6949

Attn: Mariruth Gruis

Roxanne L. Connor

Authorized for release by:

3/14/2012 1:57:14 PM

Roxanne Connor

Program Manager - Conventional Accounts

roxanne.connor@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Sample Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
NWC0426-01	MW-02A-GW-001	Ground Water	03/02/12 08:55	03/03/12 08:20
NWC0426-02	MW-02A-GW-001	Ground Water	03/02/12 16:30	03/03/12 08:20
NWC0426-03	MW-02B-GW-001	Ground Water	03/02/12 11:00	03/03/12 08:20
NWC0426-04	MW-02B-GW-001	Ground Water	03/02/12 16:38	03/03/12 08:20
NWC0426-05	MW-08-GW-001	Ground Water	03/02/12 13:33	03/03/12 08:20
NWC0426-06	MW-09-GW-001	Ground Water	03/02/12 15:56	03/03/12 08:20
NWC0426-07	MW-20-GW-001	Ground Water	02/29/12 16:37	03/03/12 08:20
NWC0426-08	MW-20-GW-001	Ground Water	03/02/12 16:50	03/03/12 08:20
NWC0426-09	Trip Blank	Water	03/02/12 00:01	03/03/12 08:20

Definitions/Glossary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.

GCMS Semivolatiles

Qualifier	Qualifier Description
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Pesticides

Qualifier	Qualifier Description
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

WetChem

Qualifier	Qualifier Description
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-02A-GW-001

Lab Sample ID: NWC0426-01

Date Collected: 03/02/12 08:55

Matrix: Ground Water

Date Received: 03/03/12 08:20

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 20:10	03/08/12 03:11	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:11	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-02A-GW-001

Lab Sample ID: NWC0426-01

Date Collected: 03/02/12 08:55

Matrix: Ground Water

Date Received: 03/03/12 08:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	99		70 - 130	03/07/12 20:10	03/08/12 03:11	1.00
Dibromofluoromethane	103		70 - 130	03/07/12 20:10	03/08/12 03:11	1.00
Toluene-d8	99		70 - 130	03/07/12 20:10	03/08/12 03:11	1.00
4-Bromofluorobenzene	94		70 - 130	03/07/12 20:10	03/08/12 03:11	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Acenaphthylene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Acetophenone	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Anthracene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Atrazine	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Benzaldehyde	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Benzo (a) anthracene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Benzo (a) pyrene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Benzo (b) fluoranthene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Benzo (g,h,i) perylene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Benzo (k) fluoranthene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Biphenyl	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
4-Bromophenyl phenyl ether	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Butyl benzyl phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Caprolactam	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Carbazole	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
4-Chloro-3-methylphenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
4-Chloroaniline	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Bis(2-chloroethoxy)methane	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Bis(2-chloroethyl)ether	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Bis(2-chloroisopropyl)ether	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
2-Chloronaphthalene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
2-Chlorophenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
4-Chlorophenyl phenyl ether	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Chrysene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Dibenz (a,h) anthracene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Dibenzofuran	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Di-n-butyl phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
3,3-Dichlorobenzidine	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
2,4-Dichlorophenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Diethyl phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
2,4-Dimethylphenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Dimethyl phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
4,6-Dinitro-2-methylphenol	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
2,4-Dinitrophenol	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
2,4-Dinitrotoluene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
2,6-Dinitrotoluene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Di-n-octyl phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Bis(2-ethylhexyl)phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Fluoranthene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Fluorene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Hexachlorobenzene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Hexachlorobutadiene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Hexachlorocyclopentadiene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Hexachloroethane	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-02A-GW-001

Lab Sample ID: NWC0426-01

Date Collected: 03/02/12 08:55

Matrix: Ground Water

Date Received: 03/03/12 08:20

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Isophorone	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
2-Methylnaphthalene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
2-Methylphenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
3/4-Methylphenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Naphthalene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
4-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
2-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
3-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Nitrobenzene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
2-Nitrophenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
4-Nitrophenol	ND		23.8	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
N-Nitrosodiphenylamine	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
N-Nitrosodi-n-propylamine	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Pentachlorophenol	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Phenanthrene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Phenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
Pyrene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
2,4,6-Trichlorophenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 17:46	1.00
2,4,5-Trichlorophenol	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 17:46	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	37		10 - 120	03/03/12 18:30	03/05/12 17:46	1.00
Phenol-d5	22		10 - 120	03/03/12 18:30	03/05/12 17:46	1.00
Nitrobenzene-d5	71		27 - 120	03/03/12 18:30	03/05/12 17:46	1.00
2-Fluorobiphenyl	69		29 - 120	03/03/12 18:30	03/05/12 17:46	1.00
2,4,6-Tribromophenol	66		10 - 120	03/03/12 18:30	03/05/12 17:46	1.00
Terphenyl-d14	74		13 - 120	03/03/12 18:30	03/05/12 17:46	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	6.17	J	10.0	5.00	mg/L		03/07/12 14:00	03/07/12 16:09	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	107		70 - 130	03/07/12 14:00	03/07/12 16:09	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 20:51	1.00
PCB-1221	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 20:51	1.00
PCB-1232	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 20:51	1.00
PCB-1242	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 20:51	1.00
PCB-1248	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 20:51	1.00
PCB-1254	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 20:51	1.00
PCB-1260	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 20:51	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	92		17 - 142	03/05/12 07:40	03/05/12 20:51	1.00
Decachlorobiphenyl	91		10 - 149	03/05/12 07:40	03/05/12 20:51	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-02A-GW-001

Lab Sample ID: NWC0426-01

Date Collected: 03/02/12 08:55

Matrix: Ground Water

Date Received: 03/03/12 08:20

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:29	1.00
Arsenic	5.32		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:29	1.00
Barium	390		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:29	1.00
Beryllium	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:29	1.00
Cadmium	ND		1.00	0.500	ug/L		03/08/12 08:29	03/08/12 13:29	1.00
Chromium	3.23		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:29	1.00
Cobalt	15.2		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:29	1.00
Copper	ND		5.00	2.50	ug/L		03/08/12 08:29	03/08/12 13:29	1.00
Lead	1.17 J		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:29	1.00
Nickel	24.5		5.00	2.50	ug/L		03/08/12 08:29	03/08/12 13:29	1.00
Selenium	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:29	1.00
Silver	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:29	1.00
Thallium	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:29	1.00
Vanadium	7.49		4.00	2.00	ug/L		03/08/12 08:29	03/08/12 13:29	1.00
Zinc	ND		50.0	25.0	ug/L		03/08/12 08:29	03/08/12 13:29	1.00

Method: SW846 6020 - Total Metals by Method 6020 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	16400		100	50.0	ug/L		03/08/12 08:29	03/08/12 14:30	20.0

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		03/05/12 12:40	03/06/12 14:59	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND	L	0.00500	0.00250	mg/L		03/08/12 18:45	03/09/12 08:48	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-02A-GW-001

Lab Sample ID: NWC0426-02

Date Collected: 03/02/12 16:30

Matrix: Ground Water

Date Received: 03/03/12 08:20

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND	M8	0.0100	0.00500	mg/L		03/03/12 12:19	03/03/12 12:19	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-02B-GW-001

Lab Sample ID: NWC0426-03

Date Collected: 03/02/12 11:00

Matrix: Ground Water

Date Received: 03/03/12 08:20

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 20:10	03/08/12 03:39	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 03:39	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-02B-GW-001

Lab Sample ID: NWC0426-03

Date Collected: 03/02/12 11:00

Matrix: Ground Water

Date Received: 03/03/12 08:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	100		70 - 130	03/07/12 20:10	03/08/12 03:39	1.00
Dibromofluoromethane	104		70 - 130	03/07/12 20:10	03/08/12 03:39	1.00
Toluene-d8	98		70 - 130	03/07/12 20:10	03/08/12 03:39	1.00
4-Bromofluorobenzene	94		70 - 130	03/07/12 20:10	03/08/12 03:39	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	0.943	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Acenaphthylene	ND		1.89	0.943	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Acetophenone	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Anthracene	ND		1.89	0.943	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Atrazine	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Benzaldehyde	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Benzo (a) anthracene	ND		1.89	0.943	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Benzo (a) pyrene	ND		1.89	0.943	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Benzo (b) fluoranthene	ND		1.89	0.943	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Benzo (g,h,i) perylene	ND		1.89	0.943	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Benzo (k) fluoranthene	ND		1.89	0.943	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Biphenyl	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
4-Bromophenyl phenyl ether	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Butyl benzyl phthalate	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Caprolactam	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Carbazole	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
4-Chloro-3-methylphenol	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
4-Chloroaniline	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Bis(2-chloroethoxy)methane	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Bis(2-chloroethyl)ether	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Bis(2-chloroisopropyl)ether	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
2-Chloronaphthalene	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
2-Chlorophenol	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
4-Chlorophenyl phenyl ether	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Chrysene	ND		1.89	0.943	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Dibenz (a,h) anthracene	ND		1.89	0.943	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Dibenzofuran	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Di-n-butyl phthalate	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
3,3-Dichlorobenzidine	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
2,4-Dichlorophenol	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Diethyl phthalate	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
2,4-Dimethylphenol	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Dimethyl phthalate	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
4,6-Dinitro-2-methylphenol	ND		23.6	12.3	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
2,4-Dinitrophenol	ND		23.6	12.3	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
2,4-Dinitrotoluene	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
2,6-Dinitrotoluene	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Di-n-octyl phthalate	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Bis(2-ethylhexyl)phthalate	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Fluoranthene	ND		1.89	0.943	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Fluorene	ND		1.89	0.943	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Hexachlorobenzene	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Hexachlorobutadiene	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Hexachlorocyclopentadiene	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Hexachloroethane	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-02B-GW-001

Lab Sample ID: NWC0426-03

Date Collected: 03/02/12 11:00

Matrix: Ground Water

Date Received: 03/03/12 08:20

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		1.89	0.943	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Isophorone	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
2-Methylnaphthalene	ND		1.89	0.943	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
2-Methylphenol	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
3/4-Methylphenol	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Naphthalene	ND		1.89	0.943	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
4-Nitroaniline	ND		23.6	12.3	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
2-Nitroaniline	ND		23.6	12.3	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
3-Nitroaniline	ND		23.6	12.3	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Nitrobenzene	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
2-Nitrophenol	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
4-Nitrophenol	ND		23.6	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
N-Nitrosodiphenylamine	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
N-Nitrosodi-n-propylamine	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Pentachlorophenol	ND		23.6	12.3	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Phenanthrene	ND		1.89	0.943	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Phenol	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
Pyrene	ND		1.89	0.943	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
2,4,6-Trichlorophenol	ND		9.43	4.72	ug/L		03/03/12 18:30	03/05/12 18:06	1.00
2,4,5-Trichlorophenol	ND		23.6	12.3	ug/L		03/03/12 18:30	03/05/12 18:06	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	65		10 - 120	03/03/12 18:30	03/05/12 18:06	1.00
Phenol-d5	43		10 - 120	03/03/12 18:30	03/05/12 18:06	1.00
Nitrobenzene-d5	77		27 - 120	03/03/12 18:30	03/05/12 18:06	1.00
2-Fluorobiphenyl	75		29 - 120	03/03/12 18:30	03/05/12 18:06	1.00
2,4,6-Tribromophenol	70		10 - 120	03/03/12 18:30	03/05/12 18:06	1.00
Terphenyl-d14	85		13 - 120	03/03/12 18:30	03/05/12 18:06	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		03/07/12 14:00	03/07/12 16:25	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	106		70 - 130	03/07/12 14:00	03/07/12 16:25	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:12	1.00
PCB-1221	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:12	1.00
PCB-1232	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:12	1.00
PCB-1242	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:12	1.00
PCB-1248	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:12	1.00
PCB-1254	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:12	1.00
PCB-1260	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:12	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	96		17 - 142	03/05/12 07:40	03/05/12 21:12	1.00
Decachlorobiphenyl	81		10 - 149	03/05/12 07:40	03/05/12 21:12	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-02B-GW-001

Lab Sample ID: NWC0426-03

Date Collected: 03/02/12 11:00

Matrix: Ground Water

Date Received: 03/03/12 08:20

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:39	1.00
Arsenic	126		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:39	1.00
Barium	480		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:39	1.00
Beryllium	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:39	1.00
Cadmium	ND		1.00	0.500	ug/L		03/08/12 08:29	03/08/12 13:39	1.00
Chromium	1.42	J	2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:39	1.00
Cobalt	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:39	1.00
Copper	ND		5.00	2.50	ug/L		03/08/12 08:29	03/08/12 13:39	1.00
Lead	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:39	1.00
Nickel	ND		5.00	2.50	ug/L		03/08/12 08:29	03/08/12 13:39	1.00
Selenium	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:39	1.00
Silver	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:39	1.00
Thallium	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:39	1.00
Vanadium	2.22	J	4.00	2.00	ug/L		03/08/12 08:29	03/08/12 13:39	1.00
Zinc	ND		50.0	25.0	ug/L		03/08/12 08:29	03/08/12 13:39	1.00

Method: SW846 6020 - Total Metals by Method 6020 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	3770		25.0	12.5	ug/L		03/08/12 08:29	03/08/12 14:34	5.00

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		03/05/12 12:40	03/06/12 15:01	1.00

Method: 1010/1010A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>200				Deg F		03/13/12 07:00	03/13/12 07:00	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	0.00291	J L	0.00500	0.00250	mg/L		03/08/12 18:45	03/09/12 08:49	1.00

Method: SW846 9040C - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.90		0.100	0.100	pH Units		03/06/12 09:00	03/06/12 09:00	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-02B-GW-001

Lab Sample ID: NWC0426-04

Date Collected: 03/02/12 16:38

Matrix: Ground Water

Date Received: 03/03/12 08:20

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	0.0416		0.0100	0.00500	mg/L		03/03/12 12:19	03/03/12 12:19	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-08-GW-001

Lab Sample ID: NWC0426-05

Date Collected: 03/02/12 13:33

Matrix: Ground Water

Date Received: 03/03/12 08:20

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 20:10	03/08/12 04:07	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:07	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-08-GW-001

Lab Sample ID: NWC0426-05

Date Collected: 03/02/12 13:33

Matrix: Ground Water

Date Received: 03/03/12 08:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	99		70 - 130	03/07/12 20:10	03/08/12 04:07	1.00
Dibromofluoromethane	104		70 - 130	03/07/12 20:10	03/08/12 04:07	1.00
Toluene-d8	99		70 - 130	03/07/12 20:10	03/08/12 04:07	1.00
4-Bromofluorobenzene	95		70 - 130	03/07/12 20:10	03/08/12 04:07	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Acenaphthylene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Acetophenone	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Anthracene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Atrazine	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Benzaldehyde	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Benzo (a) anthracene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Benzo (a) pyrene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Benzo (b) fluoranthene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Benzo (g,h,i) perylene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Benzo (k) fluoranthene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Biphenyl	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
4-Bromophenyl phenyl ether	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Butyl benzyl phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Caprolactam	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Carbazole	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
4-Chloro-3-methylphenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
4-Chloroaniline	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Bis(2-chloroethoxy)methane	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Bis(2-chloroethyl)ether	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Bis(2-chloroisopropyl)ether	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
2-Chloronaphthalene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
2-Chlorophenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
4-Chlorophenyl phenyl ether	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Chrysene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Dibenz (a,h) anthracene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Dibenzofuran	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Di-n-butyl phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
3,3-Dichlorobenzidine	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
2,4-Dichlorophenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Diethyl phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
2,4-Dimethylphenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Dimethyl phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
4,6-Dinitro-2-methylphenol	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
2,4-Dinitrophenol	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
2,4-Dinitrotoluene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
2,6-Dinitrotoluene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Di-n-octyl phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Bis(2-ethylhexyl)phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Fluoranthene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Fluorene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Hexachlorobenzene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Hexachlorobutadiene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Hexachlorocyclopentadiene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Hexachloroethane	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-08-GW-001

Lab Sample ID: NWC0426-05

Date Collected: 03/02/12 13:33

Matrix: Ground Water

Date Received: 03/03/12 08:20

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Isophorone	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
2-Methylnaphthalene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
2-Methylphenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
3/4-Methylphenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Naphthalene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
4-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
2-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
3-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Nitrobenzene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
2-Nitrophenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
4-Nitrophenol	ND		23.8	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
N-Nitrosodiphenylamine	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
N-Nitrosodi-n-propylamine	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Pentachlorophenol	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Phenanthrene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Phenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
Pyrene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
2,4,6-Trichlorophenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:26	1.00
2,4,5-Trichlorophenol	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 18:26	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	25		10 - 120	03/03/12 18:30	03/05/12 18:26	1.00
Phenol-d5	15		10 - 120	03/03/12 18:30	03/05/12 18:26	1.00
Nitrobenzene-d5	52		27 - 120	03/03/12 18:30	03/05/12 18:26	1.00
2-Fluorobiphenyl	49		29 - 120	03/03/12 18:30	03/05/12 18:26	1.00
2,4,6-Tribromophenol	37		10 - 120	03/03/12 18:30	03/05/12 18:26	1.00
Terphenyl-d14	32		13 - 120	03/03/12 18:30	03/05/12 18:26	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		03/07/12 14:00	03/07/12 16:40	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	103		70 - 130	03/07/12 14:00	03/07/12 16:40	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:34	1.00
PCB-1221	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:34	1.00
PCB-1232	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:34	1.00
PCB-1242	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:34	1.00
PCB-1248	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:34	1.00
PCB-1254	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:34	1.00
PCB-1260	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:34	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	72		17 - 142	03/05/12 07:40	03/05/12 21:34	1.00
Decachlorobiphenyl	23		10 - 149	03/05/12 07:40	03/05/12 21:34	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-08-GW-001

Lab Sample ID: NWC0426-05

Date Collected: 03/02/12 13:33

Matrix: Ground Water

Date Received: 03/03/12 08:20

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:43	1.00
Arsenic	5.22		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:43	1.00
Barium	468		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:43	1.00
Beryllium	1.04	J	2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:43	1.00
Cadmium	1.04		1.00	0.500	ug/L		03/08/12 08:29	03/08/12 13:43	1.00
Chromium	4.93		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:43	1.00
Cobalt	3.12		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:43	1.00
Copper	9.53		5.00	2.50	ug/L		03/08/12 08:29	03/08/12 13:43	1.00
Lead	7.15		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:43	1.00
Nickel	26.4		5.00	2.50	ug/L		03/08/12 08:29	03/08/12 13:43	1.00
Selenium	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:43	1.00
Silver	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:43	1.00
Thallium	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:43	1.00
Vanadium	12.9		4.00	2.00	ug/L		03/08/12 08:29	03/08/12 13:43	1.00
Zinc	ND		50.0	25.0	ug/L		03/08/12 08:29	03/08/12 13:43	1.00

Method: SW846 6020 - Total Metals by Method 6020 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	4340		25.0	12.5	ug/L		03/08/12 08:29	03/08/12 14:37	5.00

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		03/05/12 12:40	03/06/12 15:03	1.00

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	0.00540	J	0.0100	0.00500	mg/L		03/03/12 12:19	03/03/12 12:19	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND	L	0.00500	0.00250	mg/L		03/08/12 18:45	03/09/12 08:50	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-09-GW-001

Lab Sample ID: NWC0426-06

Date Collected: 03/02/12 15:56

Matrix: Ground Water

Date Received: 03/03/12 08:20

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 20:10	03/08/12 04:35	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 04:35	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-09-GW-001

Lab Sample ID: NWC0426-06

Date Collected: 03/02/12 15:56

Matrix: Ground Water

Date Received: 03/03/12 08:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	99		70 - 130	03/07/12 20:10	03/08/12 04:35	1.00
Dibromofluoromethane	103		70 - 130	03/07/12 20:10	03/08/12 04:35	1.00
Toluene-d8	99		70 - 130	03/07/12 20:10	03/08/12 04:35	1.00
4-Bromofluorobenzene	97		70 - 130	03/07/12 20:10	03/08/12 04:35	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Acenaphthylene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Acetophenone	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Anthracene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Atrazine	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Benzaldehyde	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Benzo (a) anthracene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Benzo (a) pyrene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Benzo (b) fluoranthene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Benzo (g,h,i) perylene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Benzo (k) fluoranthene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Biphenyl	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
4-Bromophenyl phenyl ether	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Butyl benzyl phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Caprolactam	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Carbazole	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
4-Chloro-3-methylphenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
4-Chloroaniline	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Bis(2-chloroethoxy)methane	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Bis(2-chloroethyl)ether	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Bis(2-chloroisopropyl)ether	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
2-Chloronaphthalene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
2-Chlorophenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
4-Chlorophenyl phenyl ether	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Chrysene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Dibenz (a,h) anthracene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Dibenzofuran	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Di-n-butyl phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
3,3-Dichlorobenzidine	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
2,4-Dichlorophenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Diethyl phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
2,4-Dimethylphenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Dimethyl phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
4,6-Dinitro-2-methylphenol	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
2,4-Dinitrophenol	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
2,4-Dinitrotoluene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
2,6-Dinitrotoluene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Di-n-octyl phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Bis(2-ethylhexyl)phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Fluoranthene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Fluorene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Hexachlorobenzene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Hexachlorobutadiene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Hexachlorocyclopentadiene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Hexachloroethane	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-09-GW-001

Lab Sample ID: NWC0426-06

Date Collected: 03/02/12 15:56

Matrix: Ground Water

Date Received: 03/03/12 08:20

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Isophorone	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
2-Methylnaphthalene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
2-Methylphenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
3/4-Methylphenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Naphthalene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
4-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
2-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
3-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Nitrobenzene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
2-Nitrophenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
4-Nitrophenol	ND		23.8	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
N-Nitrosodiphenylamine	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
N-Nitrosodi-n-propylamine	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Pentachlorophenol	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Phenanthrene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Phenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
Pyrene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
2,4,6-Trichlorophenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 18:45	1.00
2,4,5-Trichlorophenol	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 18:45	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	27		10 - 120	03/03/12 18:30	03/05/12 18:45	1.00
Phenol-d5	18		10 - 120	03/03/12 18:30	03/05/12 18:45	1.00
Nitrobenzene-d5	60		27 - 120	03/03/12 18:30	03/05/12 18:45	1.00
2-Fluorobiphenyl	57		29 - 120	03/03/12 18:30	03/05/12 18:45	1.00
2,4,6-Tribromophenol	45		10 - 120	03/03/12 18:30	03/05/12 18:45	1.00
Terphenyl-d14	40		13 - 120	03/03/12 18:30	03/05/12 18:45	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		03/07/12 14:00	03/07/12 16:55	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	110		70 - 130	03/07/12 14:00	03/07/12 16:55	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:56	1.00
PCB-1221	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:56	1.00
PCB-1232	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:56	1.00
PCB-1242	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:56	1.00
PCB-1248	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:56	1.00
PCB-1254	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:56	1.00
PCB-1260	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 21:56	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	94		17 - 142	03/05/12 07:40	03/05/12 21:56	1.00
Decachlorobiphenyl	101		10 - 149	03/05/12 07:40	03/05/12 21:56	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-09-GW-001

Lab Sample ID: NWC0426-06

Date Collected: 03/02/12 15:56

Matrix: Ground Water

Date Received: 03/03/12 08:20

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	1.00	ug/L	—	03/08/12 08:29	03/08/12 13:47	1.00
Arsenic	10.5		2.00	1.00	ug/L	—	03/08/12 08:29	03/08/12 13:47	1.00
Barium	998		2.00	1.00	ug/L	—	03/08/12 08:29	03/08/12 13:47	1.00
Beryllium	3.56		2.00	1.00	ug/L	—	03/08/12 08:29	03/08/12 13:47	1.00
Cadmium	8.47		1.00	0.500	ug/L	—	03/08/12 08:29	03/08/12 13:47	1.00
Chromium	12.0		2.00	1.00	ug/L	—	03/08/12 08:29	03/08/12 13:47	1.00
Cobalt	21.8		2.00	1.00	ug/L	—	03/08/12 08:29	03/08/12 13:47	1.00
Copper	28.4		5.00	2.50	ug/L	—	03/08/12 08:29	03/08/12 13:47	1.00
Lead	53.6		2.00	1.00	ug/L	—	03/08/12 08:29	03/08/12 13:47	1.00
Nickel	42.2		5.00	2.50	ug/L	—	03/08/12 08:29	03/08/12 13:47	1.00
Selenium	ND		2.00	1.00	ug/L	—	03/08/12 08:29	03/08/12 13:47	1.00
Silver	ND		2.00	1.00	ug/L	—	03/08/12 08:29	03/08/12 13:47	1.00
Thallium	ND		2.00	1.00	ug/L	—	03/08/12 08:29	03/08/12 13:47	1.00
Vanadium	31.7		4.00	2.00	ug/L	—	03/08/12 08:29	03/08/12 13:47	1.00
Zinc	82.3		50.0	25.0	ug/L	—	03/08/12 08:29	03/08/12 13:47	1.00

Method: SW846 6020 - Total Metals by Method 6020 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	13500		100	50.0	ug/L	—	03/08/12 08:29	03/08/12 14:41	20.0

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L	—	03/05/12 12:40	03/06/12 15:05	1.00

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	1.51		0.100	0.0500	mg/L	—	03/03/12 12:19	03/03/12 12:19	10.0

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	0.00447	J L	0.00500	0.00250	mg/L	—	03/08/12 18:45	03/09/12 08:52	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-20-GW-001

Lab Sample ID: NWC0426-07

Date Collected: 02/29/12 16:37

Matrix: Ground Water

Date Received: 03/03/12 08:20

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 20:10	03/08/12 05:03	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 05:03	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-20-GW-001

Lab Sample ID: NWC0426-07

Date Collected: 02/29/12 16:37

Matrix: Ground Water

Date Received: 03/03/12 08:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	100		70 - 130	03/07/12 20:10	03/08/12 05:03	1.00
Dibromofluoromethane	104		70 - 130	03/07/12 20:10	03/08/12 05:03	1.00
Toluene-d8	98		70 - 130	03/07/12 20:10	03/08/12 05:03	1.00
4-Bromofluorobenzene	95		70 - 130	03/07/12 20:10	03/08/12 05:03	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Acenaphthylene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Acetophenone	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Anthracene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Atrazine	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Benzaldehyde	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Benzo (a) anthracene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Benzo (a) pyrene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Benzo (b) fluoranthene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Benzo (g,h,i) perylene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Benzo (k) fluoranthene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Biphenyl	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
4-Bromophenyl phenyl ether	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Butyl benzyl phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Caprolactam	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Carbazole	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
4-Chloro-3-methylphenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
4-Chloroaniline	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Bis(2-chloroethoxy)methane	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Bis(2-chloroethyl)ether	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Bis(2-chloroisopropyl)ether	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
2-Chloronaphthalene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
2-Chlorophenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
4-Chlorophenyl phenyl ether	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Chrysene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Dibenz (a,h) anthracene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Dibenzofuran	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Di-n-butyl phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
3,3-Dichlorobenzidine	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
2,4-Dichlorophenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Diethyl phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
2,4-Dimethylphenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Dimethyl phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
4,6-Dinitro-2-methylphenol	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
2,4-Dinitrophenol	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
2,4-Dinitrotoluene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
2,6-Dinitrotoluene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Di-n-octyl phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Bis(2-ethylhexyl)phthalate	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Fluoranthene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Fluorene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Hexachlorobenzene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Hexachlorobutadiene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Hexachlorocyclopentadiene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Hexachloroethane	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-20-GW-001

Lab Sample ID: NWC0426-07

Date Collected: 02/29/12 16:37

Matrix: Ground Water

Date Received: 03/03/12 08:20

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Isophorone	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
2-Methylnaphthalene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
2-Methylphenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
3/4-Methylphenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Naphthalene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
4-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
2-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
3-Nitroaniline	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Nitrobenzene	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
2-Nitrophenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
4-Nitrophenol	ND		23.8	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
N-Nitrosodiphenylamine	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
N-Nitrosodi-n-propylamine	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Pentachlorophenol	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Phenanthrene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Phenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
Pyrene	ND		1.90	0.952	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
2,4,6-Trichlorophenol	ND		9.52	4.76	ug/L		03/03/12 18:30	03/05/12 19:05	1.00
2,4,5-Trichlorophenol	ND		23.8	12.4	ug/L		03/03/12 18:30	03/05/12 19:05	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	40		10 - 120	03/03/12 18:30	03/05/12 19:05	1.00
Phenol-d5	23		10 - 120	03/03/12 18:30	03/05/12 19:05	1.00
Nitrobenzene-d5	70		27 - 120	03/03/12 18:30	03/05/12 19:05	1.00
2-Fluorobiphenyl	71		29 - 120	03/03/12 18:30	03/05/12 19:05	1.00
2,4,6-Tribromophenol	66		10 - 120	03/03/12 18:30	03/05/12 19:05	1.00
Terphenyl-d14	70		13 - 120	03/03/12 18:30	03/05/12 19:05	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		03/07/12 14:00	03/07/12 17:11	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	105		70 - 130	03/07/12 14:00	03/07/12 17:11	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 22:17	1.00
PCB-1221	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 22:17	1.00
PCB-1232	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 22:17	1.00
PCB-1242	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 22:17	1.00
PCB-1248	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 22:17	1.00
PCB-1254	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 22:17	1.00
PCB-1260	ND		0.476	0.238	ug/L		03/05/12 07:40	03/05/12 22:17	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	93		17 - 142	03/05/12 07:40	03/05/12 22:17	1.00
Decachlorobiphenyl	94		10 - 149	03/05/12 07:40	03/05/12 22:17	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-20-GW-001

Lab Sample ID: NWC0426-07

Date Collected: 02/29/12 16:37

Matrix: Ground Water

Date Received: 03/03/12 08:20

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:50	1.00
Arsenic	8.44		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:50	1.00
Barium	167		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:50	1.00
Beryllium	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:50	1.00
Cadmium	0.590	J	1.00	0.500	ug/L		03/08/12 08:29	03/08/12 13:50	1.00
Chromium	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:50	1.00
Cobalt	5.63		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:50	1.00
Copper	ND		5.00	2.50	ug/L		03/08/12 08:29	03/08/12 13:50	1.00
Lead	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:50	1.00
Nickel	5.15		5.00	2.50	ug/L		03/08/12 08:29	03/08/12 13:50	1.00
Selenium	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:50	1.00
Silver	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:50	1.00
Thallium	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:50	1.00
Vanadium	4.80		4.00	2.00	ug/L		03/08/12 08:29	03/08/12 13:50	1.00
Zinc	ND		50.0	25.0	ug/L		03/08/12 08:29	03/08/12 13:50	1.00

Method: SW846 6020 - Total Metals by Method 6020 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	8580		50.0	25.0	ug/L		03/08/12 08:29	03/08/12 14:51	10.0

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		03/05/12 12:40	03/06/12 15:12	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	0.00272	J L	0.00500	0.00250	mg/L		03/08/12 18:45	03/09/12 08:53	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-20-GW-001

Lab Sample ID: NWC0426-08

Date Collected: 03/02/12 16:50

Matrix: Ground Water

Date Received: 03/03/12 08:20

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		0.0500	0.0250	mg/L		03/03/12 12:19	03/03/12 12:19	5.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: Trip Blank

Lab Sample ID: NWC0426-09

Date Collected: 03/02/12 00:01

Matrix: Water

Date Received: 03/03/12 08:20

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	L	50.0	25.0	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 20:10	03/07/12 23:27	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:27	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: Trip Blank

Lab Sample ID: NWC0426-09

Date Collected: 03/02/12 00:01

Matrix: Water

Date Received: 03/03/12 08:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	97		70 - 130	03/07/12 20:10	03/07/12 23:27	1.00
Dibromofluoromethane	103		70 - 130	03/07/12 20:10	03/07/12 23:27	1.00
Toluene-d8	98		70 - 130	03/07/12 20:10	03/07/12 23:27	1.00
4-Bromofluorobenzene	93		70 - 130	03/07/12 20:10	03/07/12 23:27	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 12C0609-BLK1

Matrix: Water

Analysis Batch: V003994

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0609_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 20:10	03/07/12 22:59	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C0609-BLK1

Matrix: Water

Analysis Batch: V003994

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0609_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	99		70 - 130				03/07/12 20:10	03/07/12 22:59	1.00
Dibromofluoromethane	104		70 - 130				03/07/12 20:10	03/07/12 22:59	1.00
Toluene-d8	99		70 - 130				03/07/12 20:10	03/07/12 22:59	1.00
4-Bromofluorobenzene	92		70 - 130				03/07/12 20:10	03/07/12 22:59	1.00

Lab Sample ID: 12C0609-BS1

Matrix: Water

Analysis Batch: V003994

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0609_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	365	L	ug/L		146	54 - 145
Benzene	50.0	50.9		ug/L		102	80 - 121
Bromochloromethane	50.0	53.1		ug/L		106	78 - 129
Bromoform	50.0	38.6		ug/L		77	46 - 145
Bromomethane	50.0	54.0		ug/L		108	41 - 150
2-Butanone	250	279		ug/L		112	62 - 133
Carbon disulfide	50.0	49.2		ug/L		98	77 - 126
Carbon Tetrachloride	50.0	52.3		ug/L		105	64 - 147
Chlorobenzene	50.0	50.2		ug/L		100	80 - 120
Chlorodibromomethane	50.0	50.1		ug/L		100	69 - 133
Chloroethane	50.0	46.7		ug/L		93	72 - 120
Chloroform	50.0	52.3		ug/L		105	73 - 129
Chloromethane	50.0	37.6		ug/L		75	12 - 150
Cyclohexane	50.0	51.3		ug/L		103	73 - 122
1,2-Dibromo-3-chloropropane	50.0	40.0		ug/L		80	54 - 125
1,2-Dibromoethane (EDB)	50.0	51.9		ug/L		104	80 - 129
1,2-Dichlorobenzene	50.0	49.6		ug/L		99	80 - 121
1,3-Dichlorobenzene	50.0	49.4		ug/L		99	80 - 122
1,4-Dichlorobenzene	50.0	50.0		ug/L		100	80 - 120
Dichlorodifluoromethane	50.0	44.5		ug/L		89	37 - 127
1,2-Dichloroethane	50.0	47.7		ug/L		95	77 - 121
1,1-Dichloroethane	50.0	54.9		ug/L		110	78 - 125
1,1-Dichloroethene	50.0	58.8		ug/L		118	79 - 124
trans-1,2-Dichloroethene	50.0	54.4		ug/L		109	79 - 126
cis-1,2-Dichloroethene	50.0	52.7		ug/L		105	76 - 125
1,2-Dichloropropane	50.0	48.1		ug/L		96	75 - 120
trans-1,3-Dichloropropene	50.0	46.3		ug/L		93	63 - 134
cis-1,3-Dichloropropene	50.0	50.0		ug/L		100	74 - 140
Ethylbenzene	50.0	49.1		ug/L		98	80 - 130
2-Hexanone	250	252		ug/L		101	60 - 142
Isopropylbenzene	50.0	51.5		ug/L		103	80 - 141
Methyl Acetate	50.0	37.1		ug/L		74	64 - 150
Methylcyclohexane	50.0	50.4		ug/L		101	71 - 129
Methyl tert-Butyl Ether	50.0	50.2		ug/L		100	72 - 133
Methylene Chloride	50.0	59.0		ug/L		118	79 - 123
4-Methyl-2-pentanone	250	248		ug/L		99	60 - 137

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C0609-BS1

Matrix: Water

Analysis Batch: V003994

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0609_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
n-Propylbenzene	50.0	49.1		ug/L		98	75 - 129
Styrene	50.0	48.5		ug/L		97	80 - 127
1,1,2,2-Tetrachloroethane	50.0	45.2		ug/L		90	69 - 131
Tetrachloroethene	50.0	54.5		ug/L		109	80 - 126
Tetrahydrofuran	500	707	L	ug/L		141	51 - 124
Toluene	50.0	50.0		ug/L		100	80 - 126
1,2,4-Trichlorobenzene	50.0	48.2		ug/L		96	63 - 133
1,1,1-Trichloroethane	50.0	51.5		ug/L		103	78 - 135
1,1,2-Trichloroethane	50.0	52.4		ug/L		105	80 - 124
Trichloroethene	50.0	54.1		ug/L		108	80 - 123
Trichlorofluoromethane	50.0	46.5		ug/L		93	65 - 124
Vinyl chloride	50.0	49.3		ug/L		99	68 - 120
Xylenes, total	150	141		ug/L		94	80 - 132
1,1,2-Trifluorotrichloroethane	50.0	53.5		ug/L		107	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	94		70 - 130
Dibromofluoromethane	108		70 - 130
Toluene-d8	99		70 - 130
4-Bromofluorobenzene	90		70 - 130

Lab Sample ID: 12C0609-BSD1

Matrix: Water

Analysis Batch: V003994

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12C0609_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Acetone	250	400	L	ug/L		160	54 - 145	9	21
Benzene	50.0	50.0		ug/L		100	80 - 121	2	17
Bromochloromethane	50.0	53.0		ug/L		106	78 - 129	0.2	17
Bromoform	50.0	38.0		ug/L		76	46 - 145	1	16
Bromomethane	50.0	52.6		ug/L		105	41 - 150	3	50
2-Butanone	250	287		ug/L		115	62 - 133	3	19
Carbon disulfide	50.0	47.8		ug/L		96	77 - 126	3	21
Carbon Tetrachloride	50.0	51.0		ug/L		102	64 - 147	2	19
Chlorobenzene	50.0	49.2		ug/L		98	80 - 120	2	14
Chlorodibromomethane	50.0	49.3		ug/L		99	69 - 133	2	15
Chloroethane	50.0	47.0		ug/L		94	72 - 120	0.7	20
Chloroform	50.0	51.3		ug/L		103	73 - 129	2	18
Chloromethane	50.0	35.4		ug/L		71	12 - 150	6	31
Cyclohexane	50.0	50.5		ug/L		101	73 - 122	2	16
1,2-Dibromo-3-chloropropane	50.0	39.3		ug/L		79	54 - 125	2	24
1,2-Dibromoethane (EDB)	50.0	50.8		ug/L		102	80 - 129	2	15
1,2-Dichlorobenzene	50.0	49.3		ug/L		99	80 - 121	0.5	15
1,3-Dichlorobenzene	50.0	48.2		ug/L		96	80 - 122	2	15
1,4-Dichlorobenzene	50.0	49.6		ug/L		99	80 - 120	0.9	15
Dichlorodifluoromethane	50.0	42.9		ug/L		86	37 - 127	4	18
1,2-Dichloroethane	50.0	47.2		ug/L		94	77 - 121	1	17
1,1-Dichloroethane	50.0	53.3		ug/L		107	78 - 125	3	17
1,1-Dichloroethene	50.0	56.0		ug/L		112	79 - 124	5	17

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C0609-BSD1

Matrix: Water

Analysis Batch: V003994

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12C0609_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits			
trans-1,2-Dichloroethene	50.0	52.7		ug/L		105	79 - 126		3	16
cis-1,2-Dichloroethene	50.0	51.3		ug/L		103	76 - 125		3	17
1,2-Dichloropropane	50.0	46.9		ug/L		94	75 - 120		3	17
trans-1,3-Dichloropropene	50.0	45.6		ug/L		91	63 - 134		1	14
cis-1,3-Dichloropropene	50.0	49.0		ug/L		98	74 - 140		2	15
Ethylbenzene	50.0	47.4		ug/L		95	80 - 130		3	15
2-Hexanone	250	252		ug/L		101	60 - 142	0.06		15
Isopropylbenzene	50.0	50.3		ug/L		101	80 - 141		2	16
Methyl Acetate	50.0	37.0		ug/L		74	64 - 150	0.3		31
Methylcyclohexane	50.0	49.8		ug/L		100	71 - 129		1	19
Methyl tert-Butyl Ether	50.0	48.4		ug/L		97	72 - 133		4	16
Methylene Chloride	50.0	57.9		ug/L		116	79 - 123		2	17
4-Methyl-2-pentanone	250	245		ug/L		98	60 - 137		1	17
n-Propylbenzene	50.0	48.0		ug/L		96	75 - 129		2	17
Styrene	50.0	47.0		ug/L		94	80 - 127		3	24
1,1,2,2-Tetrachloroethane	50.0	42.6		ug/L		85	69 - 131		6	20
Tetrachloroethene	50.0	52.8		ug/L		106	80 - 126		3	16
Tetrahydrofuran	500	697	L	ug/L		139	51 - 124		1	18
Toluene	50.0	48.7		ug/L		97	80 - 126		3	15
1,2,4-Trichlorobenzene	50.0	48.2		ug/L		96	63 - 133	0.06		19
1,1,1-Trichloroethane	50.0	50.6		ug/L		101	78 - 135		2	17
1,1,2-Trichloroethane	50.0	51.9		ug/L		104	80 - 124		1	15
Trichloroethene	50.0	54.6		ug/L		109	80 - 123	0.9		17
Trichlorofluoromethane	50.0	45.0		ug/L		90	65 - 124		3	18
Vinyl chloride	50.0	47.8		ug/L		96	68 - 120		3	17
Xylenes, total	150	137		ug/L		92	80 - 132		3	15
1,1,2-Trifluorotrichloroethane	50.0	52.4		ug/L		105	77 - 129		2	18

Surrogate	LCS Dup		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	94		70 - 130
Dibromofluoromethane	106		70 - 130
Toluene-d8	98		70 - 130
4-Bromofluorobenzene	91		70 - 130

Lab Sample ID: 12C0609-MS1

Matrix: Water

Analysis Batch: V003994

Client Sample ID: MW-02B-GW-001

Prep Type: Total

Prep Batch: 12C0609_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec.	
									Limits	
Acetone	ND		250	275		ug/L		110	45 - 141	
Benzene	ND		50.0	54.1		ug/L		108	75 - 133	
Bromochloromethane	ND		50.0	55.6		ug/L		111	67 - 139	
Bromoform	ND		50.0	35.4		ug/L		71	42 - 147	
Bromomethane	ND		50.0	52.9		ug/L		106	16 - 163	
2-Butanone	ND		250	247		ug/L		99	50 - 138	
Carbon disulfide	ND		50.0	51.9		ug/L		104	48 - 152	
Carbon Tetrachloride	ND		50.0	56.3		ug/L		113	62 - 164	
Chlorobenzene	ND		50.0	52.2		ug/L		104	80 - 129	
Chlorodibromomethane	ND		50.0	48.2		ug/L		96	66 - 140	

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C0609-MS1

Matrix: Water

Analysis Batch: V003994

Client Sample ID: MW-02B-GW-001

Prep Type: Total

Prep Batch: 12C0609_P

Analyte	Sample	Sample	Spike	Matrix Spike	Matrix Spike	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Chloroethane	ND		50.0	53.8		ug/L		108	58 - 137
Chloroform	ND		50.0	56.0		ug/L		112	66 - 138
Chloromethane	ND		50.0	41.9		ug/L		84	10 - 169
Cyclohexane	ND		50.0	57.8		ug/L		116	58 - 144
1,2-Dibromo-3-chloropropane	ND		50.0	37.2		ug/L		74	52 - 126
1,2-Dibromoethane (EDB)	ND		50.0	50.5		ug/L		101	75 - 137
1,2-Dichlorobenzene	ND		50.0	49.4		ug/L		99	79 - 128
1,3-Dichlorobenzene	ND		50.0	50.2		ug/L		100	77 - 131
1,4-Dichlorobenzene	ND		50.0	50.9		ug/L		102	78 - 126
Dichlorodifluoromethane	ND		50.0	45.0		ug/L		90	40 - 127
1,2-Dichloroethane	ND		50.0	49.2		ug/L		98	64 - 136
1,1-Dichloroethane	ND		50.0	58.6		ug/L		117	71 - 139
1,1-Dichloroethene	ND		50.0	63.0		ug/L		126	70 - 142
trans-1,2-Dichloroethene	ND		50.0	58.7		ug/L		117	66 - 143
cis-1,2-Dichloroethene	ND		50.0	56.6		ug/L		113	68 - 138
1,2-Dichloropropane	ND		50.0	50.4		ug/L		101	67 - 131
trans-1,3-Dichloropropene	ND		50.0	47.2		ug/L		94	59 - 135
cis-1,3-Dichloropropene	ND		50.0	52.0		ug/L		104	71 - 141
Ethylbenzene	ND		50.0	51.5		ug/L		103	79 - 139
2-Hexanone	ND		250	237		ug/L		95	50 - 150
Isopropylbenzene	ND		50.0	53.9		ug/L		108	80 - 153
Methyl Acetate	ND		50.0	33.7		ug/L		67	30 - 165
Methylcyclohexane	ND		50.0	55.0		ug/L		110	59 - 151
Methyl tert-Butyl Ether	ND		50.0	49.9		ug/L		100	66 - 141
Methylene Chloride	ND		50.0	60.9		ug/L		122	64 - 139
4-Methyl-2-pentanone	ND		250	242		ug/L		97	50 - 147
n-Propylbenzene	ND		50.0	52.4		ug/L		105	69 - 142
Styrene	ND		50.0	49.1		ug/L		98	61 - 148
1,1,2,2-Tetrachloroethane	ND		50.0	44.5		ug/L		89	56 - 143
Tetrachloroethene	ND		50.0	56.8		ug/L		114	72 - 145
Tetrahydrofuran	ND		500	627		ug/L		125	34 - 133
Toluene	ND		50.0	52.8		ug/L		106	75 - 136
1,2,4-Trichlorobenzene	ND		50.0	46.4		ug/L		93	60 - 136
1,1,1-Trichloroethane	ND		50.0	56.2		ug/L		112	76 - 149
1,1,2-Trichloroethane	ND		50.0	52.4		ug/L		105	74 - 134
Trichloroethene	ND		50.0	56.4		ug/L		113	73 - 144
Trichlorofluoromethane	ND		50.0	53.0		ug/L		106	58 - 139
Vinyl chloride	ND		50.0	54.2		ug/L		108	56 - 129
Xylenes, total	ND		150	148		ug/L		99	74 - 141
1,1,2-Trifluorotrichloroethane	ND		50.0	57.9		ug/L		116	72 - 148

Surrogate	Matrix Spike	Matrix Spike	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	95		70 - 130
Dibromofluoromethane	109		70 - 130
Toluene-d8	98		70 - 130
4-Bromofluorobenzene	92		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C0609-MSD1

Matrix: Water

Analysis Batch: V003994

Client Sample ID: MW-02B-GW-001

Prep Type: Total

Prep Batch: 12C0609_P

Analyte	Sample	Sample	Spike	Matrix Spike Dup	Matrix Spike Dup	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Acetone	ND		250	282		ug/L		113	45 - 141	2	21
Benzene	ND		50.0	54.8		ug/L		110	75 - 133	1	17
Bromochloromethane	ND		50.0	56.3		ug/L		113	67 - 139	1	17
Bromoform	ND		50.0	36.8		ug/L		74	42 - 147	4	16
Bromomethane	ND		50.0	58.2		ug/L		116	16 - 163	9	50
2-Butanone	ND		250	265		ug/L		106	50 - 138	7	19
Carbon disulfide	ND		50.0	52.9		ug/L		106	48 - 152	2	21
Carbon Tetrachloride	ND		50.0	57.6		ug/L		115	62 - 164	2	19
Chlorobenzene	ND		50.0	53.1		ug/L		106	80 - 129	2	14
Chlorodibromomethane	ND		50.0	50.1		ug/L		100	66 - 140	4	15
Chloroethane	ND		50.0	54.2		ug/L		108	58 - 137	0.7	20
Chloroform	ND		50.0	57.1		ug/L		114	66 - 138	2	18
Chloromethane	ND		50.0	42.0		ug/L		84	10 - 169	0.3	31
Cyclohexane	ND		50.0	57.8		ug/L		116	58 - 144	0.1	16
1,2-Dibromo-3-chloropropane	ND		50.0	39.1		ug/L		78	52 - 126	5	24
1,2-Dibromoethane (EDB)	ND		50.0	52.4		ug/L		105	75 - 137	4	15
1,2-Dichlorobenzene	ND		50.0	51.4		ug/L		103	79 - 128	4	15
1,3-Dichlorobenzene	ND		50.0	51.5		ug/L		103	77 - 131	2	15
1,4-Dichlorobenzene	ND		50.0	52.2		ug/L		104	78 - 126	2	15
Dichlorodifluoromethane	ND		50.0	45.6		ug/L		91	40 - 127	1	18
1,2-Dichloroethane	ND		50.0	50.2		ug/L		100	64 - 136	2	17
1,1-Dichloroethane	ND		50.0	59.0		ug/L		118	71 - 139	0.7	17
1,1-Dichloroethene	ND		50.0	64.6		ug/L		129	70 - 142	3	17
trans-1,2-Dichloroethene	ND		50.0	60.0		ug/L		120	66 - 143	2	16
cis-1,2-Dichloroethene	ND		50.0	57.6		ug/L		115	68 - 138	2	17
1,2-Dichloropropane	ND		50.0	51.3		ug/L		103	67 - 131	2	17
trans-1,3-Dichloropropene	ND		50.0	48.9		ug/L		98	59 - 135	4	14
cis-1,3-Dichloropropene	ND		50.0	53.6		ug/L		107	71 - 141	3	15
Ethylbenzene	ND		50.0	52.7		ug/L		105	79 - 139	2	15
2-Hexanone	ND		250	252		ug/L		101	50 - 150	6	15
Isopropylbenzene	ND		50.0	55.1		ug/L		110	80 - 153	2	16
Methyl Acetate	ND		50.0	34.5		ug/L		69	30 - 165	2	31
Methylcyclohexane	ND		50.0	55.3		ug/L		111	59 - 151	0.6	19
Methyl tert-Butyl Ether	ND		50.0	52.1		ug/L		104	66 - 141	4	16
Methylene Chloride	ND		50.0	62.2		ug/L		124	64 - 139	2	17
4-Methyl-2-pentanone	ND		250	257		ug/L		103	50 - 147	6	17
n-Propylbenzene	ND		50.0	53.2		ug/L		106	69 - 142	2	17
Styrene	ND		50.0	50.7		ug/L		101	61 - 148	3	24
1,1,2,2-Tetrachloroethane	ND		50.0	47.6		ug/L		95	56 - 143	7	20
Tetrachloroethene	ND		50.0	57.6		ug/L		115	72 - 145	1	16
Tetrahydrofuran	ND		500	646		ug/L		129	34 - 133	3	18
Toluene	ND		50.0	53.8		ug/L		108	75 - 136	2	15
1,2,4-Trichlorobenzene	ND		50.0	49.1		ug/L		98	60 - 136	6	19
1,1,1-Trichloroethane	ND		50.0	57.1		ug/L		114	76 - 149	2	17
1,1,2-Trichloroethane	ND		50.0	53.6		ug/L		107	74 - 134	2	15
Trichloroethene	ND		50.0	57.2		ug/L		114	73 - 144	1	17
Trichlorofluoromethane	ND		50.0	53.8		ug/L		108	58 - 139	2	18
Vinyl chloride	ND		50.0	55.0		ug/L		110	56 - 129	1	17
Xylenes, total	ND		150	152		ug/L		101	74 - 141	2	15

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C0609-MSD1

Matrix: Water

Analysis Batch: V003994

Client Sample ID: MW-02B-GW-001

Prep Type: Total

Prep Batch: 12C0609_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trifluorotrichloroethane	ND		50.0	58.4		ug/L		117	72 - 148	1	18
Surrogate	%Recovery	Qualifier	Limits								
1,2-Dichloroethane-d4	95		70 - 130								
Dibromofluoromethane	108		70 - 130								
Toluene-d8	100		70 - 130								
4-Bromofluorobenzene	94		70 - 130								

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Lab Sample ID: 12C0707-BLK1

Matrix: Water

Analysis Batch: 12C0707

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0707_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.00	1.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Acenaphthylene	ND		2.00	1.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Acetophenone	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Anthracene	ND		2.00	1.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Atrazine	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Benzaldehyde	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Benzo (a) anthracene	ND		2.00	1.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Benzo (a) pyrene	ND		2.00	1.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Benzo (b) fluoranthene	ND		2.00	1.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Benzo (g,h,i) perylene	ND		2.00	1.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Benzo (k) fluoranthene	ND		2.00	1.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Biphenyl	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
4-Bromophenyl phenyl ether	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Butyl benzyl phthalate	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Caprolactam	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Carbazole	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
4-Chloro-3-methylphenol	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
4-Chloroaniline	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Bis(2-chloroethoxy)methane	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Bis(2-chloroethyl)ether	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Bis(2-chloroisopropyl)ether	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
2-Chloronaphthalene	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
2-Chlorophenol	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
4-Chlorophenyl phenyl ether	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Chrysene	ND		2.00	1.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Dibenz (a,h) anthracene	ND		2.00	1.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Dibenzofuran	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Di-n-butyl phthalate	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
3,3-Dichlorobenzidine	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
2,4-Dichlorophenol	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Diethyl phthalate	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
2,4-Dimethylphenol	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Dimethyl phthalate	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
4,6-Dinitro-2-methylphenol	ND		25.0	13.0	ug/L		03/03/12 18:30	03/05/12 15:29	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12C0707-BLK1

Matrix: Water

Analysis Batch: 12C0707

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0707_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		25.0	13.0	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
2,4-Dinitrotoluene	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
2,6-Dinitrotoluene	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Di-n-octyl phthalate	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Bis(2-ethylhexyl)phthalate	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Fluoranthene	ND		2.00	1.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Fluorene	ND		2.00	1.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Hexachlorobenzene	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Hexachlorobutadiene	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Hexachlorocyclopentadiene	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Hexachloroethane	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Indeno (1,2,3-cd) pyrene	ND		2.00	1.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Isophorone	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
2-Methylnaphthalene	ND		2.00	1.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
2-Methylphenol	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
3/4-Methylphenol	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Naphthalene	ND		2.00	1.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
4-Nitroaniline	ND		25.0	13.0	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
2-Nitroaniline	ND		25.0	13.0	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
3-Nitroaniline	ND		25.0	13.0	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Nitrobenzene	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
2-Nitrophenol	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
4-Nitrophenol	ND		25.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
N-Nitrosodiphenylamine	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
N-Nitrosodi-n-propylamine	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Pentachlorophenol	ND		25.0	13.0	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Phenanthrene	ND		2.00	1.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Phenol	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
Pyrene	ND		2.00	1.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
2,4,6-Trichlorophenol	ND		10.0	5.00	ug/L		03/03/12 18:30	03/05/12 15:29	1.00
2,4,5-Trichlorophenol	ND		25.0	13.0	ug/L		03/03/12 18:30	03/05/12 15:29	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	51		10 - 120	03/03/12 18:30	03/05/12 15:29	1.00
Phenol-d5	31		10 - 120	03/03/12 18:30	03/05/12 15:29	1.00
Nitrobenzene-d5	81		27 - 120	03/03/12 18:30	03/05/12 15:29	1.00
2-Fluorobiphenyl	67		29 - 120	03/03/12 18:30	03/05/12 15:29	1.00
2,4,6-Tribromophenol	73		10 - 120	03/03/12 18:30	03/05/12 15:29	1.00
Terphenyl-d14	106		13 - 120	03/03/12 18:30	03/05/12 15:29	1.00

Lab Sample ID: 12C0707-BS1

Matrix: Water

Analysis Batch: 12C0707

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0707_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	50.0	42.4	MNR1	ug/L		85	46 - 120
Acenaphthylene	50.0	36.7	MNR1	ug/L		73	48 - 120
Acetophenone	50.0	44.3	MNR1	ug/L		89	36 - 120
Anthracene	50.0	44.7	MNR1	ug/L		89	58 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12C0707-BS1

Matrix: Water

Analysis Batch: 12C0707

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0707_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo (a) anthracene	50.0	44.4	MNR1	ug/L		89	57 - 120
Benzo (a) pyrene	50.0	46.3	MNR1	ug/L		93	57 - 124
Benzo (b) fluoranthene	50.0	44.3	MNR1	ug/L		89	51 - 125
Benzo (g,h,i) perylene	50.0	44.5	MNR1	ug/L		89	51 - 123
Benzo (k) fluoranthene	50.0	42.2	MNR1	ug/L		84	51 - 120
4-Bromophenyl phenyl ether	50.0	45.0	MNR1	ug/L		90	47 - 127
Butyl benzyl phthalate	50.0	49.4	MNR1	ug/L		99	51 - 146
Carbazole	50.0	45.8	MNR1	ug/L		92	54 - 123
4-Chloro-3-methylphenol	50.0	36.3	MNR1	ug/L		73	44 - 120
4-Chloroaniline	50.0	37.3	MNR1	ug/L		75	44 - 120
Bis(2-chloroethoxy)methane	50.0	37.3	MNR1	ug/L		75	44 - 120
Bis(2-chloroethyl)ether	50.0	42.7	MNR1	ug/L		85	47 - 120
Bis(2-chloroisopropyl)ether	50.0	41.0	MNR1	ug/L		82	44 - 120
2-Chloronaphthalene	50.0	31.2	MNR1	ug/L		62	39 - 120
2-Chlorophenol	50.0	40.4	MNR1	ug/L		81	40 - 120
4-Chlorophenyl phenyl ether	50.0	41.0	MNR1	ug/L		82	50 - 120
Chrysene	50.0	45.8	MNR1	ug/L		92	55 - 120
Dibenz (a,h) anthracene	50.0	43.8	MNR1	ug/L		88	50 - 125
Dibenzofuran	50.0	44.0	MNR1	ug/L		88	50 - 120
Di-n-butyl phthalate	50.0	46.4	MNR1	ug/L		93	54 - 140
3,3-Dichlorobenzidine	50.0	49.7	MNR1	ug/L		99	46 - 129
2,4-Dichlorophenol	50.0	34.9	MNR1	ug/L		70	38 - 120
Diethyl phthalate	50.0	44.0	MNR1	ug/L		88	54 - 128
2,4-Dimethylphenol	50.0	38.4	MNR1	ug/L		77	21 - 126
Dimethyl phthalate	50.0	42.8	MNR1	ug/L		86	53 - 127
4,6-Dinitro-2-methylphenol	50.0	50.2	MNR1	ug/L		100	19 - 150
2,4-Dinitrophenol	50.0	48.7	MNR1	ug/L		97	20 - 150
2,4-Dinitrotoluene	50.0	37.0	MNR1	ug/L		74	46 - 132
2,6-Dinitrotoluene	50.0	35.8	MNR1	ug/L		72	54 - 128
Di-n-octyl phthalate	50.0	49.4	MNR1	ug/L		99	50 - 142
Bis(2-ethylhexyl)phthalate	50.0	51.5	MNR1	ug/L		103	47 - 138
Fluoranthene	50.0	44.5	MNR1	ug/L		89	56 - 120
Fluorene	50.0	42.9	MNR1	ug/L		86	52 - 120
Hexachlorobenzene	50.0	43.0	MNR1	ug/L		86	48 - 131
Hexachlorobutadiene	50.0	23.9	MNR1	ug/L		48	28 - 120
Hexachlorocyclopentadiene	50.0	19.1	MNR1	ug/L		38	17 - 120
Hexachloroethane	50.0	27.3	MNR1	ug/L		55	30 - 120
Indeno (1,2,3-cd) pyrene	50.0	43.8	MNR1	ug/L		88	54 - 125
Isophorone	50.0	29.1	MNR1	ug/L		58	47 - 120
2-Methylnaphthalene	50.0	30.0	MNR1	ug/L		60	31 - 120
2-Methylphenol	50.0	28.8	MNR1	ug/L		58	38 - 120
3/4-Methylphenol	50.0	26.0	MNR1	ug/L		52	33 - 120
Naphthalene	50.0	32.7	MNR1	ug/L		65	37 - 120
4-Nitroaniline	50.0	45.6	MNR1	ug/L		91	55 - 123
2-Nitroaniline	50.0	46.9	MNR1	ug/L		94	46 - 131
3-Nitroaniline	50.0	45.4	MNR1	ug/L		91	54 - 121
Nitrobenzene	50.0	27.6	MNR1	ug/L		55	36 - 120
2-Nitrophenol	50.0	36.8	MNR1	ug/L		74	32 - 120
4-Nitrophenol	50.0	18.3	J MNR1	ug/L		37	10 - 120
N-Nitrosodiphenylamine	50.0	56.4	MNR1	ug/L		113	58 - 149

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12C0707-BS1

Matrix: Water

Analysis Batch: 12C0707

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0707_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Nitrosodi-n-propylamine	50.0	42.6	MNR1	ug/L		85	51 - 120
Pentachlorophenol	50.0	48.9	MNR1	ug/L		98	21 - 150
Phenanthrene	50.0	45.1	MNR1	ug/L		90	56 - 120
Phenol	50.0	18.8	MNR1	ug/L		38	14 - 120
Pyrene	50.0	44.6	MNR1	ug/L		89	53 - 129
2,4,6-Trichlorophenol	50.0	44.5	MNR1	ug/L		89	39 - 135
2,4,5-Trichlorophenol	50.0	34.8	MNR1	ug/L		70	40 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	42		10 - 120
Phenol-d5	26		10 - 120
Nitrobenzene-d5	63		27 - 120
2-Fluorobiphenyl	71		29 - 120
2,4,6-Tribromophenol	69		10 - 120
Terphenyl-d14	91		13 - 120

Lab Sample ID: 12C0707-BS2

Matrix: Water

Analysis Batch: 12C0707

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0707_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetophenone	50.0	44.7		ug/L		89	36 - 120
Atrazine	50.0	45.9		ug/L		92	24 - 133
Benzaldehyde	50.0	34.2		ug/L		68	34 - 120
Biphenyl	50.0	39.7		ug/L		79	10 - 146
Caprolactam	50.0	9.91	J	ug/L		20	10 - 120
4-Chloro-3-methylphenol	50.0	41.7		ug/L		83	44 - 120
2-Chlorophenol	50.0	39.6		ug/L		79	40 - 120
2,4-Dichlorophenol	50.0	41.1		ug/L		82	38 - 120
2,4-Dimethylphenol	50.0	43.6		ug/L		87	21 - 126
4,6-Dinitro-2-methylphenol	50.0	49.2		ug/L		98	19 - 150
2,4-Dinitrophenol	50.0	46.7		ug/L		93	20 - 150
2-Methylphenol	50.0	29.1		ug/L		58	38 - 120
2-Nitrophenol	50.0	40.4		ug/L		81	32 - 120
4-Nitrophenol	50.0	16.6	J	ug/L		33	10 - 120
Pentachlorophenol	50.0	42.7		ug/L		85	21 - 150
Phenol	50.0	14.4		ug/L		29	14 - 120
2,4,6-Trichlorophenol	50.0	44.0		ug/L		88	39 - 135
2,4,5-Trichlorophenol	50.0	34.6		ug/L		69	40 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	41		10 - 120
Phenol-d5	26		10 - 120
Nitrobenzene-d5	72		27 - 120
2-Fluorobiphenyl	72		29 - 120
2,4,6-Tribromophenol	72		10 - 120
Terphenyl-d14	96		13 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Lab Sample ID: 12C1173-BLK1

Matrix: Water

Analysis Batch: V003869

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C1173_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		03/07/12 14:00	03/07/12 15:08	1.00
Surrogate	%Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Butanol	110		70 - 130				03/07/12 14:00	03/07/12 15:08	1.00

Lab Sample ID: 12C1173-BS1

Matrix: Water

Analysis Batch: V003869

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C1173_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Glycol	50.0	44.3		mg/L		89	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
n-Butanol	108		70 - 130				

Lab Sample ID: 12C1173-MS1

Matrix: Water

Analysis Batch: V003869

Client Sample ID: MW-02A-GW-001

Prep Type: Total

Prep Batch: 12C1173_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Glycol	6.17	J	50.0	42.1		mg/L		72	41 - 139
Surrogate	%Recovery	Matrix Spike Qualifier	Limits						
n-Butanol	101		70 - 130						

Lab Sample ID: 12C1173-MSD1

Matrix: Water

Analysis Batch: V003869

Client Sample ID: MW-02A-GW-001

Prep Type: Total

Prep Batch: 12C1173_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Glycol	6.17	J	50.0	47.7		mg/L		83	41 - 139	13	36
Surrogate	%Recovery	Matrix Spike Dup Qualifier	Limits								
n-Butanol	110		70 - 130								

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Lab Sample ID: 12C0705-BLK1

Matrix: Water

Analysis Batch: V003698

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0705_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.500	0.250	ug/L		03/05/12 07:40	03/05/12 20:07	1.00
PCB-1221	ND		0.500	0.250	ug/L		03/05/12 07:40	03/05/12 20:07	1.00
PCB-1232	ND		0.500	0.250	ug/L		03/05/12 07:40	03/05/12 20:07	1.00
PCB-1242	ND		0.500	0.250	ug/L		03/05/12 07:40	03/05/12 20:07	1.00
PCB-1248	ND		0.500	0.250	ug/L		03/05/12 07:40	03/05/12 20:07	1.00
PCB-1254	ND		0.500	0.250	ug/L		03/05/12 07:40	03/05/12 20:07	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Lab Sample ID: 12C0705-BLK1

Matrix: Water

Analysis Batch: V003698

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0705_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	ND		0.500	0.250	ug/L		03/05/12 07:40	03/05/12 20:07	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	93		17 - 142				03/05/12 07:40	03/05/12 20:07	1.00
Decachlorobiphenyl	110		10 - 149				03/05/12 07:40	03/05/12 20:07	1.00

Lab Sample ID: 12C0705-BS1

Matrix: Water

Analysis Batch: V003698

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0705_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1248	5.00	5.00	MNR1	ug/L		100	11 - 150
Surrogate	%Recovery	Qualifier	Limits				
Tetrachloro-meta-xylene	94		17 - 142				
Decachlorobiphenyl	104		10 - 149				

Method: SW846 6020 - Total Metals by Method 6020

Lab Sample ID: 12C1342-BLK1

Matrix: Water

Analysis Batch: V003967

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C1342_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:02	1.00
Arsenic	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:02	1.00
Barium	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:02	1.00
Beryllium	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:02	1.00
Cadmium	ND		1.00	0.500	ug/L		03/08/12 08:29	03/08/12 13:02	1.00
Chromium	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:02	1.00
Cobalt	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:02	1.00
Copper	ND		5.00	2.50	ug/L		03/08/12 08:29	03/08/12 13:02	1.00
Lead	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:02	1.00
Manganese	ND		5.00	2.50	ug/L		03/08/12 08:29	03/08/12 13:02	1.00
Nickel	ND		5.00	2.50	ug/L		03/08/12 08:29	03/08/12 13:02	1.00
Selenium	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:02	1.00
Silver	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:02	1.00
Thallium	ND		2.00	1.00	ug/L		03/08/12 08:29	03/08/12 13:02	1.00
Vanadium	ND		4.00	2.00	ug/L		03/08/12 08:29	03/08/12 13:02	1.00
Zinc	ND		50.0	25.0	ug/L		03/08/12 08:29	03/08/12 13:02	1.00

Lab Sample ID: 12C1342-BS1

Matrix: Water

Analysis Batch: V003967

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C1342_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	100	98.5		ug/L		99	80 - 120
Arsenic	100	97.1		ug/L		97	80 - 120
Barium	100	104		ug/L		104	80 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Method: SW846 6020 - Total Metals by Method 6020 (Continued)

Lab Sample ID: 12C1342-BS1

Matrix: Water

Analysis Batch: V003967

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C1342_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	
Beryllium	100	94.4		ug/L		94	80 - 120	
Cadmium	100	96.3		ug/L		96	80 - 120	
Chromium	100	96.2		ug/L		96	80 - 120	
Cobalt	100	92.5		ug/L		92	80 - 120	
Copper	100	94.2		ug/L		94	80 - 120	
Lead	100	97.2		ug/L		97	80 - 120	
Manganese	100	95.7		ug/L		96	80 - 120	
Nickel	100	95.0		ug/L		95	80 - 120	
Selenium	100	95.4		ug/L		95	80 - 120	
Silver	100	84.4		ug/L		84	80 - 120	
Thallium	100	95.5		ug/L		96	80 - 120	
Vanadium	100	97.7		ug/L		98	80 - 120	
Zinc	100	97.0		ug/L		97	80 - 120	

Lab Sample ID: 12C1342-BSD1

Matrix: Water

Analysis Batch: V003967

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12C1342_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits			
Antimony	100	102		ug/L		102	80 - 120	3	20	
Arsenic	100	99.9		ug/L		100	80 - 120	3	20	
Barium	100	108		ug/L		108	80 - 120	4	20	
Beryllium	100	101		ug/L		101	80 - 120	7	20	
Cadmium	100	98.3		ug/L		98	80 - 120	2	20	
Chromium	100	99.4		ug/L		99	80 - 120	3	20	
Cobalt	100	94.7		ug/L		95	80 - 120	2	20	
Copper	100	96.9		ug/L		97	80 - 120	3	20	
Lead	100	99.7		ug/L		100	80 - 120	2	20	
Manganese	100	98.3		ug/L		98	80 - 120	3	20	
Nickel	100	96.4		ug/L		96	80 - 120	1	20	
Selenium	100	97.6		ug/L		98	80 - 120	2	20	
Silver	100	85.7		ug/L		86	80 - 120	2	20	
Thallium	100	98.0		ug/L		98	80 - 120	3	20	
Vanadium	100	100		ug/L		100	80 - 120	3	20	
Zinc	100	99.4		ug/L		99	80 - 120	2	20	

Lab Sample ID: 12C1342-MS1

Matrix: Water

Analysis Batch: V003967

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12C1342_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec.	
									Limits	
Antimony	ND		100	105		ug/L		105	75 - 125	
Arsenic	ND		100	100		ug/L		100	75 - 125	
Barium	188		100	295		ug/L		107	75 - 125	
Beryllium	ND		100	103		ug/L		103	75 - 125	
Cadmium	ND		100	98.7		ug/L		99	75 - 125	
Chromium	ND		100	98.1		ug/L		98	75 - 125	
Cobalt	ND		100	91.8		ug/L		92	75 - 125	
Copper	ND		100	92.9		ug/L		93	75 - 125	
Lead	ND		100	99.0		ug/L		99	75 - 125	

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Method: SW846 6020 - Total Metals by Method 6020 (Continued)

Lab Sample ID: 12C1342-MS1

Matrix: Water

Analysis Batch: V003967

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12C1342_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Matrix Spike Unit	D	%Rec	%Rec. Limits
Manganese	168		100	264		ug/L		96	75 - 125
Nickel	ND		100	94.0		ug/L		94	75 - 125
Selenium	ND		100	100		ug/L		100	75 - 125
Silver	ND		100	85.5		ug/L		85	75 - 125
Thallium	ND		100	97.6		ug/L		98	75 - 125
Vanadium	ND		100	102		ug/L		102	75 - 125
Zinc	ND		100	96.8		ug/L		97	75 - 125

Lab Sample ID: 12C1342-MSD1

Matrix: Water

Analysis Batch: V003967

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12C1342_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Matrix Spike Dup Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		100	105		ug/L		105	75 - 125	0.1	20
Arsenic	ND		100	99.9		ug/L		100	75 - 125	0.6	20
Barium	188		100	298		ug/L		110	75 - 125	1	20
Beryllium	ND		100	103		ug/L		103	75 - 125	0.3	20
Cadmium	ND		100	98.3		ug/L		98	75 - 125	0.5	20
Chromium	ND		100	97.5		ug/L		97	75 - 125	0.6	20
Cobalt	ND		100	91.9		ug/L		92	75 - 125	0.1	20
Copper	ND		100	92.6		ug/L		93	75 - 125	0.3	20
Lead	ND		100	98.6		ug/L		99	75 - 125	0.4	20
Manganese	168		100	264		ug/L		95	75 - 125	0.3	20
Nickel	ND		100	94.3		ug/L		94	75 - 125	0.3	20
Selenium	ND		100	98.4		ug/L		98	75 - 125	2	20
Silver	ND		100	85.2		ug/L		85	75 - 125	0.4	20
Thallium	ND		100	97.3		ug/L		97	75 - 125	0.3	20
Vanadium	ND		100	101		ug/L		101	75 - 125	0.6	20
Zinc	ND		100	98.4		ug/L		98	75 - 125	2	20

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Lab Sample ID: 12C0762-BLK1

Matrix: Water

Analysis Batch: 12C0762

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0762_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		03/05/12 12:40	03/06/12 14:48	1.00

Lab Sample ID: 12C0762-BS1

Matrix: Water

Analysis Batch: 12C0762

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0762_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00100	0.00102		mg/L		102	80 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A (Continued)

Lab Sample ID: 12C0762-MS1

Matrix: Water

Analysis Batch: 12C0762

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12C0762_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00100	0.000870		mg/L		87	75 - 125

Lab Sample ID: 12C0762-MSD1

Matrix: Water

Analysis Batch: 12C0762

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12C0762_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00100	0.000890		mg/L		89	75 - 125	2	20

Method: 1010/1010A - General Chemistry Parameters

Lab Sample ID: 12C2514-BLK1

Matrix: Oil

Analysis Batch: 12C2514

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C2514_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	>200				Deg F		03/13/12 07:00	03/13/12 07:00	1.00

Lab Sample ID: 12C2514-BS1

Matrix: Oil

Analysis Batch: 12C2514

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C2514_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	85.0		Deg F		105	94 - 106

Lab Sample ID: 12C2514-DUP1

Matrix: Oil

Analysis Batch: 12C2514

Client Sample ID: MW-02B-GW-001

Prep Type: Total

Prep Batch: 12C2514_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Flashpoint	>200		>200		Deg F			200

Method: SW846 7196A - General Chemistry Parameters

Lab Sample ID: 12C0589-BLK1

Matrix: Water

Analysis Batch: 12C0589

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0589_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		0.0100	0.00500	mg/L		03/03/12 12:19	03/03/12 12:19	1.00

Lab Sample ID: 12C0589-BS1

Matrix: Water

Analysis Batch: 12C0589

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0589_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	0.100	0.100		mg/L		100	85 - 115

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Method: SW846 7196A - General Chemistry Parameters (Continued)

Lab Sample ID: 12C0589-MS1

Matrix: Water

Analysis Batch: 12C0589

Client Sample ID: MW-02A-GW-001

Prep Type: Total

Prep Batch: 12C0589_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	ND	M8	0.100	0.0635	M8	mg/L		64	85 - 115

Lab Sample ID: 12C0589-MSD1

Matrix: Water

Analysis Batch: 12C0589

Client Sample ID: MW-02A-GW-001

Prep Type: Total

Prep Batch: 12C0589_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium (VI)	ND	M8	0.100	0.0605	M8	mg/L		60	85 - 115	5	10

Lab Sample ID: 12C0589-DUP1

Matrix: Water

Analysis Batch: 12C0589

Client Sample ID: MW-02A-GW-001

Prep Type: Total

Prep Batch: 12C0589_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Chromium (VI)	ND	M8	ND		mg/L			10

Method: SW846 9012B - General Chemistry Parameters

Lab Sample ID: 12C1118-BLK1

Matrix: Water

Analysis Batch: 12C1118

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C1118_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		0.00500	0.00250	mg/L		03/08/12 18:45	03/09/12 08:44	1.00

Lab Sample ID: 12C1118-BS1

Matrix: Water

Analysis Batch: 12C1118

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C1118_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	0.100	0.126	L1	mg/L		126	90 - 110

Lab Sample ID: 12C1118-MS1

Matrix: Water

Analysis Batch: 12C1118

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12C1118_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	ND		0.100	0.120		mg/L		120	70 - 130

Lab Sample ID: 12C1118-MSD1

Matrix: Water

Analysis Batch: 12C1118

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12C1118_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide	ND		0.100	0.0989		mg/L		99	70 - 130	19	20

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Method: SW846 9012B - General Chemistry Parameters (Continued)

Lab Sample ID: 12C1118-DUP1

Matrix: Water

Analysis Batch: 12C1118

Client Sample ID: MW-02A-GW-001

Prep Type: Total

Prep Batch: 12C1118_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Cyanide	ND	L	ND		mg/L			20

Method: SW846 9040C - General Chemistry Parameters

Lab Sample ID: 12C0936-BS1

Matrix: Water

Analysis Batch: 12C0936

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0936_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	7.03		pH Units		100	95 - 105

Lab Sample ID: 12C0936-BSD1

Matrix: Water

Analysis Batch: 12C0936

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12C0936_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
pH	7.00	7.02		pH Units		100	95 - 105	0.1	10

Lab Sample ID: 12C0936-DUP1

Matrix: Water

Analysis Batch: 12C0936

Client Sample ID: MW-02B-GW-001

Prep Type: Total

Prep Batch: 12C0936_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
pH	6.90		6.90		pH Units		0	20

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

GCMS Volatiles

Analysis Batch: V003994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0609-BLK1	Method Blank	Total	Water	SW846 8260B	12C0609_P
12C0609-BS1	Lab Control Sample	Total	Water	SW846 8260B	12C0609_P
12C0609-BSD1	Lab Control Sample Dup	Total	Water	SW846 8260B	12C0609_P
12C0609-MS1	MW-02B-GW-001	Total	Water	SW846 8260B	12C0609_P
12C0609-MSD1	MW-02B-GW-001	Total	Water	SW846 8260B	12C0609_P
NWC0426-01	MW-02A-GW-001	Total	Ground Water	SW846 8260B	12C0609_P
NWC0426-03	MW-02B-GW-001	Total	Ground Water	SW846 8260B	12C0609_P
NWC0426-05	MW-08-GW-001	Total	Ground Water	SW846 8260B	12C0609_P
NWC0426-06	MW-09-GW-001	Total	Ground Water	SW846 8260B	12C0609_P
NWC0426-07	MW-20-GW-001	Total	Ground Water	SW846 8260B	12C0609_P
NWC0426-09	Trip Blank	Total	Water	SW846 8260B	12C0609_P

Prep Batch: 12C0609_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0609-BLK1	Method Blank	Total	Water	EPA 5030B	
12C0609-BS1	Lab Control Sample	Total	Water	EPA 5030B	
12C0609-BSD1	Lab Control Sample Dup	Total	Water	EPA 5030B	
12C0609-MS1	MW-02B-GW-001	Total	Water	EPA 5030B	
12C0609-MSD1	MW-02B-GW-001	Total	Water	EPA 5030B	
NWC0426-01	MW-02A-GW-001	Total	Ground Water	EPA 5030B	
NWC0426-03	MW-02B-GW-001	Total	Ground Water	EPA 5030B	
NWC0426-05	MW-08-GW-001	Total	Ground Water	EPA 5030B	
NWC0426-06	MW-09-GW-001	Total	Ground Water	EPA 5030B	
NWC0426-07	MW-20-GW-001	Total	Ground Water	EPA 5030B	
NWC0426-09	Trip Blank	Total	Water	EPA 5030B	

GCMS Semivolatiles

Analysis Batch: 12C0707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0707-BLK1	Method Blank	Total	Water	SW846 8270C	12C0707_P
12C0707-BS1	Lab Control Sample	Total	Water	SW846 8270C	12C0707_P
12C0707-BS2	Lab Control Sample	Total	Water	SW846 8270C	12C0707_P
NWC0426-01	MW-02A-GW-001	Total	Ground Water	SW846 8270C	12C0707_P
NWC0426-03	MW-02B-GW-001	Total	Ground Water	SW846 8270C	12C0707_P
NWC0426-05	MW-08-GW-001	Total	Ground Water	SW846 8270C	12C0707_P
NWC0426-06	MW-09-GW-001	Total	Ground Water	SW846 8270C	12C0707_P
NWC0426-07	MW-20-GW-001	Total	Ground Water	SW846 8270C	12C0707_P

Prep Batch: 12C0707_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0707-BLK1	Method Blank	Total	Water	EPA 3510C	
12C0707-BS1	Lab Control Sample	Total	Water	EPA 3510C	
12C0707-BS2	Lab Control Sample	Total	Water	EPA 3510C	
NWC0426-01	MW-02A-GW-001	Total	Ground Water	EPA 3510C	
NWC0426-03	MW-02B-GW-001	Total	Ground Water	EPA 3510C	
NWC0426-05	MW-08-GW-001	Total	Ground Water	EPA 3510C	
NWC0426-06	MW-09-GW-001	Total	Ground Water	EPA 3510C	
NWC0426-07	MW-20-GW-001	Total	Ground Water	EPA 3510C	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Pesticides

Analysis Batch: V003698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0705-BLK1	Method Blank	Total	Water	SW846 8082	12C0705_P
12C0705-BS1	Lab Control Sample	Total	Water	SW846 8082	12C0705_P
NWC0426-01	MW-02A-GW-001	Total	Ground Water	SW846 8082	12C0705_P
NWC0426-03	MW-02B-GW-001	Total	Ground Water	SW846 8082	12C0705_P
NWC0426-05	MW-08-GW-001	Total	Ground Water	SW846 8082	12C0705_P
NWC0426-06	MW-09-GW-001	Total	Ground Water	SW846 8082	12C0705_P
NWC0426-07	MW-20-GW-001	Total	Ground Water	SW846 8082	12C0705_P

Analysis Batch: V003869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1173-BLK1	Method Blank	Total	Water	SW846 8015B	12C1173_P
12C1173-BS1	Lab Control Sample	Total	Water	SW846 8015B	12C1173_P
12C1173-MS1	MW-02A-GW-001	Total	Water	SW846 8015B	12C1173_P
12C1173-MSD1	MW-02A-GW-001	Total	Water	SW846 8015B	12C1173_P
NWC0426-01	MW-02A-GW-001	Total	Ground Water	SW846 8015B	12C1173_P
NWC0426-03	MW-02B-GW-001	Total	Ground Water	SW846 8015B	12C1173_P
NWC0426-05	MW-08-GW-001	Total	Ground Water	SW846 8015B	12C1173_P
NWC0426-06	MW-09-GW-001	Total	Ground Water	SW846 8015B	12C1173_P
NWC0426-07	MW-20-GW-001	Total	Ground Water	SW846 8015B	12C1173_P

Prep Batch: 12C0705_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0705-BLK1	Method Blank	Total	Water	EPA 3510C/3665A	
12C0705-BS1	Lab Control Sample	Total	Water	EPA 3510C/3665A	
NWC0426-01	MW-02A-GW-001	Total	Ground Water	EPA 3510C/3665A	
NWC0426-03	MW-02B-GW-001	Total	Ground Water	EPA 3510C/3665A	
NWC0426-05	MW-08-GW-001	Total	Ground Water	EPA 3510C/3665A	
NWC0426-06	MW-09-GW-001	Total	Ground Water	EPA 3510C/3665A	
NWC0426-07	MW-20-GW-001	Total	Ground Water	EPA 3510C/3665A	

Prep Batch: 12C1173_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1173-BLK1	Method Blank	Total	Water	NO PREP-PEST	
12C1173-BS1	Lab Control Sample	Total	Water	NO PREP-PEST	
12C1173-MS1	MW-02A-GW-001	Total	Water	NO PREP-PEST	
12C1173-MSD1	MW-02A-GW-001	Total	Water	NO PREP-PEST	
NWC0426-01	MW-02A-GW-001	Total	Ground Water	NO PREP-PEST	
NWC0426-03	MW-02B-GW-001	Total	Ground Water	NO PREP-PEST	
NWC0426-05	MW-08-GW-001	Total	Ground Water	NO PREP-PEST	
NWC0426-06	MW-09-GW-001	Total	Ground Water	NO PREP-PEST	
NWC0426-07	MW-20-GW-001	Total	Ground Water	NO PREP-PEST	

Metals

Analysis Batch: 12C0762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0762-BLK1	Method Blank	Total	Water	SW846 7470A	12C0762_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Metals (Continued)

Analysis Batch: 12C0762 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0762-BS1	Lab Control Sample	Total	Water	SW846 7470A	12C0762_P
12C0762-MS1	Matrix Spike	Total	Water	SW846 7470A	12C0762_P
12C0762-MSD1	Matrix Spike Duplicate	Total	Water	SW846 7470A	12C0762_P
NWC0426-01	MW-02A-GW-001	Total	Ground Water	SW846 7470A	12C0762_P
NWC0426-03	MW-02B-GW-001	Total	Ground Water	SW846 7470A	12C0762_P
NWC0426-05	MW-08-GW-001	Total	Ground Water	SW846 7470A	12C0762_P
NWC0426-06	MW-09-GW-001	Total	Ground Water	SW846 7470A	12C0762_P
NWC0426-07	MW-20-GW-001	Total	Ground Water	SW846 7470A	12C0762_P

Analysis Batch: V003967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1342-BLK1	Method Blank	Total	Water	SW846 6020	12C1342_P
12C1342-BS1	Lab Control Sample	Total	Water	SW846 6020	12C1342_P
12C1342-BSD1	Lab Control Sample Dup	Total	Water	SW846 6020	12C1342_P
12C1342-MS1	Matrix Spike	Total	Water	SW846 6020	12C1342_P
12C1342-MSD1	Matrix Spike Duplicate	Total	Water	SW846 6020	12C1342_P
NWC0426-01	MW-02A-GW-001	Total	Ground Water	SW846 6020	12C1342_P
NWC0426-01 - RE1	MW-02A-GW-001	Total	Ground Water	SW846 6020	12C1342_P
NWC0426-03	MW-02B-GW-001	Total	Ground Water	SW846 6020	12C1342_P
NWC0426-03 - RE1	MW-02B-GW-001	Total	Ground Water	SW846 6020	12C1342_P
NWC0426-05	MW-08-GW-001	Total	Ground Water	SW846 6020	12C1342_P
NWC0426-05 - RE1	MW-08-GW-001	Total	Ground Water	SW846 6020	12C1342_P
NWC0426-06	MW-09-GW-001	Total	Ground Water	SW846 6020	12C1342_P
NWC0426-06 - RE1	MW-09-GW-001	Total	Ground Water	SW846 6020	12C1342_P
NWC0426-07	MW-20-GW-001	Total	Ground Water	SW846 6020	12C1342_P
NWC0426-07 - RE1	MW-20-GW-001	Total	Ground Water	SW846 6020	12C1342_P

Prep Batch: 12C0762_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0762-BLK1	Method Blank	Total	Water	EPA 7470	
12C0762-BS1	Lab Control Sample	Total	Water	EPA 7470	
12C0762-MS1	Matrix Spike	Total	Water	EPA 7470	
12C0762-MSD1	Matrix Spike Duplicate	Total	Water	EPA 7470	
NWC0426-01	MW-02A-GW-001	Total	Ground Water	EPA 7470	
NWC0426-03	MW-02B-GW-001	Total	Ground Water	EPA 7470	
NWC0426-05	MW-08-GW-001	Total	Ground Water	EPA 7470	
NWC0426-06	MW-09-GW-001	Total	Ground Water	EPA 7470	
NWC0426-07	MW-20-GW-001	Total	Ground Water	EPA 7470	

Prep Batch: 12C1342_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1342-BLK1	Method Blank	Total	Water	EPA 3010A / 6020	
12C1342-BS1	Lab Control Sample	Total	Water	EPA 3010A / 6020	
12C1342-BSD1	Lab Control Sample Dup	Total	Water	EPA 3010A / 6020	
12C1342-MS1	Matrix Spike	Total	Water	EPA 3010A / 6020	
12C1342-MSD1	Matrix Spike Duplicate	Total	Water	EPA 3010A / 6020	
NWC0426-01	MW-02A-GW-001	Total	Ground Water	EPA 3010A / 6020	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Metals (Continued)

Prep Batch: 12C1342_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWC0426-01 - RE1	MW-02A-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0426-03	MW-02B-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0426-03 - RE1	MW-02B-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0426-05	MW-08-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0426-05 - RE1	MW-08-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0426-06	MW-09-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0426-06 - RE1	MW-09-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0426-07	MW-20-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0426-07 - RE1	MW-20-GW-001	Total	Ground Water	EPA 3010A / 6020	

WetChem

Analysis Batch: 12C0589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0589-BLK1	Method Blank	Total	Water	SW846 7196A	12C0589_P
12C0589-BS1	Lab Control Sample	Total	Water	SW846 7196A	12C0589_P
12C0589-DUP1	MW-02A-GW-001	Total	Water	SW846 7196A	12C0589_P
12C0589-MS1	MW-02A-GW-001	Total	Water	SW846 7196A	12C0589_P
12C0589-MSD1	MW-02A-GW-001	Total	Water	SW846 7196A	12C0589_P
NWC0426-02	MW-02A-GW-001	Total	Ground Water	SW846 7196A	12C0589_P
NWC0426-04	MW-02B-GW-001	Total	Ground Water	SW846 7196A	12C0589_P
NWC0426-05	MW-08-GW-001	Total	Ground Water	SW846 7196A	12C0589_P
NWC0426-06	MW-09-GW-001	Total	Ground Water	SW846 7196A	12C0589_P
NWC0426-08	MW-20-GW-001	Total	Ground Water	SW846 7196A	12C0589_P

Analysis Batch: 12C1118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1118-BLK1	Method Blank	Total	Water	SW846 9012B	12C1118_P
12C1118-BS1	Lab Control Sample	Total	Water	SW846 9012B	12C1118_P
12C1118-DUP1	MW-02A-GW-001	Total	Water	SW846 9012B	12C1118_P
12C1118-MS1	Matrix Spike	Total	Water	SW846 9012B	12C1118_P
12C1118-MSD1	Matrix Spike Duplicate	Total	Water	SW846 9012B	12C1118_P
NWC0426-01	MW-02A-GW-001	Total	Ground Water	SW846 9012B	12C1118_P
NWC0426-03	MW-02B-GW-001	Total	Ground Water	SW846 9012B	12C1118_P
NWC0426-05	MW-08-GW-001	Total	Ground Water	SW846 9012B	12C1118_P
NWC0426-06	MW-09-GW-001	Total	Ground Water	SW846 9012B	12C1118_P
NWC0426-07	MW-20-GW-001	Total	Ground Water	SW846 9012B	12C1118_P

Analysis Batch: 12C2514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C2514-BLK1	Method Blank	Total	Oil	1010/1010A	12C2514_P
12C2514-BS1	Lab Control Sample	Total	Oil	1010/1010A	12C2514_P
12C2514-DUP1	MW-02B-GW-001	Total	Oil	1010/1010A	12C2514_P
NWC0426-03	MW-02B-GW-001	Total	Ground Water	1010/1010A	12C2514_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

WetChem (Continued)

Prep Batch: 12C0589_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0589-BLK1	Method Blank	Total	Water	NO PREP	
12C0589-BS1	Lab Control Sample	Total	Water	NO PREP	
12C0589-DUP1	MW-02A-GW-001	Total	Water	NO PREP	
12C0589-MS1	MW-02A-GW-001	Total	Water	NO PREP	
12C0589-MSD1	MW-02A-GW-001	Total	Water	NO PREP	
NWC0426-02	MW-02A-GW-001	Total	Ground Water	NO PREP	
NWC0426-04	MW-02B-GW-001	Total	Ground Water	NO PREP	
NWC0426-05	MW-08-GW-001	Total	Ground Water	NO PREP	
NWC0426-06	MW-09-GW-001	Total	Ground Water	NO PREP	
NWC0426-08	MW-20-GW-001	Total	Ground Water	NO PREP	

Prep Batch: 12C1118_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1118-BLK1	Method Blank	Total	Water	NO PREP	
12C1118-BS1	Lab Control Sample	Total	Water	NO PREP	
12C1118-DUP1	MW-02A-GW-001	Total	Water	NO PREP	
12C1118-MS1	Matrix Spike	Total	Water	NO PREP	
12C1118-MSD1	Matrix Spike Duplicate	Total	Water	NO PREP	
NWC0426-01	MW-02A-GW-001	Total	Ground Water	NO PREP	
NWC0426-03	MW-02B-GW-001	Total	Ground Water	NO PREP	
NWC0426-05	MW-08-GW-001	Total	Ground Water	NO PREP	
NWC0426-06	MW-09-GW-001	Total	Ground Water	NO PREP	
NWC0426-07	MW-20-GW-001	Total	Ground Water	NO PREP	

Prep Batch: 12C2514_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C2514-BLK1	Method Blank	Total	Oil	NO PREP	
12C2514-BS1	Lab Control Sample	Total	Oil	NO PREP	
12C2514-DUP1	MW-02B-GW-001	Total	Oil	NO PREP	
NWC0426-03	MW-02B-GW-001	Total	Ground Water	NO PREP	

TCLP

Analysis Batch: 12C0936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0936-BS1	Lab Control Sample	Total	Water	SW846 9040C	12C0936_P
12C0936-BSD1	Lab Control Sample Dup	Total	Water	SW846 9040C	12C0936_P
12C0936-DUP1	MW-02B-GW-001	Total	Water	SW846 9040C	12C0936_P
NWC0426-03	MW-02B-GW-001	Total	Ground Water	SW846 9040C	12C0936_P

Prep Batch: 12C0936_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0936-BS1	Lab Control Sample	Total	Water	METHOD PREP	
12C0936-BSD1	Lab Control Sample Dup	Total	Water	METHOD PREP	
12C0936-DUP1	MW-02B-GW-001	Total	Water	METHOD PREP	
NWC0426-03	MW-02B-GW-001	Total	Ground Water	METHOD PREP	

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-02A-GW-001

Date Collected: 03/02/12 08:55

Date Received: 03/03/12 08:20

Lab Sample ID: NWC0426-01

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C0609_P	03/07/12 20:10	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V003994	03/08/12 03:11	QJK	TAL NSH
Total	Prep	EPA 3510C		0.952	12C0707_P	03/03/12 18:30	MWT	TAL NSH
Total	Analysis	SW846 8270C		1.00	12C0707	03/05/12 17:46	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12C1173_P	03/07/12 14:00	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V003869	03/07/12 16:09	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A		0.952	12C0705_P	03/05/12 07:40	MAH	TAL NSH
Total	Analysis	SW846 8082		1.00	V003698	03/05/12 20:51	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12C1342_P	03/08/12 08:29	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	V003967	03/08/12 13:29	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12C0762_P	03/05/12 12:40	MB	TAL NSH
Total	Analysis	SW846 7470A		1.00	12C0762	03/06/12 14:59	MB	TAL NSH
Total	Prep	EPA 3010A / 6020	RE1	1.00	12C1342_P	03/08/12 08:29	MET	TAL NSH
Total	Analysis	SW846 6020	RE1	20.0	V003967	03/08/12 14:30	MET	TAL NSH
Total	Prep	NO PREP		1.00	12C1118_P	03/08/12 18:45	JDJ	TAL NSH
Total	Analysis	SW846 9012B		1.00	12C1118	03/09/12 08:48	MLM	TAL NSH

Client Sample ID: MW-02A-GW-001

Date Collected: 03/02/12 16:30

Date Received: 03/03/12 08:20

Lab Sample ID: NWC0426-02

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	SW846 7196A		1.00	12C0589	03/03/12 12:19	JRM	TAL NSH
Total	Prep	NO PREP		1.00	12C0589_P	03/03/12 12:19	ARH	TAL NSH

Client Sample ID: MW-02B-GW-001

Date Collected: 03/02/12 11:00

Date Received: 03/03/12 08:20

Lab Sample ID: NWC0426-03

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C0609_P	03/07/12 20:10	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V003994	03/08/12 03:39	QJK	TAL NSH
Total	Prep	EPA 3510C		0.943	12C0707_P	03/03/12 18:30	MWT	TAL NSH
Total	Analysis	SW846 8270C		1.00	12C0707	03/05/12 18:06	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12C1173_P	03/07/12 14:00	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V003869	03/07/12 16:25	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A		0.952	12C0705_P	03/05/12 07:40	MAH	TAL NSH
Total	Analysis	SW846 8082		1.00	V003698	03/05/12 21:12	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12C1342_P	03/08/12 08:29	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	V003967	03/08/12 13:39	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12C0762_P	03/05/12 12:40	MB	TAL NSH
Total	Analysis	SW846 7470A		1.00	12C0762	03/06/12 15:01	MB	TAL NSH
Total	Prep	EPA 3010A / 6020	RE1	1.00	12C1342_P	03/08/12 08:29	MET	TAL NSH
Total	Analysis	SW846 6020	RE1	5.00	V003967	03/08/12 14:34	MET	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-02B-GW-001

Lab Sample ID: NWC0426-03

Date Collected: 03/02/12 11:00

Matrix: Ground Water

Date Received: 03/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	NO PREP		1.00	12C1118_P	03/08/12 18:45	JDJ	TAL NSH
Total	Analysis	SW846 9012B		1.00	12C1118	03/09/12 08:49	MLM	TAL NSH
Total	Analysis	1010/1010A		1.00	12C2514	03/13/12 07:00	JDJ	TAL NSH
Total	Prep	NO PREP		1.00	12C2514_P	03/13/12 07:00	REM	TAL NSH
Total	Analysis	SW846 9040C		1.00	12C0936	03/06/12 09:00	SJM	TAL NSH
Total	Prep	METHOD PREP		1.00	12C0936_P	03/06/12 09:00	SJM	TAL NSH

Client Sample ID: MW-02B-GW-001

Lab Sample ID: NWC0426-04

Date Collected: 03/02/12 16:38

Matrix: Ground Water

Date Received: 03/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	SW846 7196A		1.00	12C0589	03/03/12 12:19	JRM	TAL NSH
Total	Prep	NO PREP		1.00	12C0589_P	03/03/12 12:19	ARH	TAL NSH

Client Sample ID: MW-08-GW-001

Lab Sample ID: NWC0426-05

Date Collected: 03/02/12 13:33

Matrix: Ground Water

Date Received: 03/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C0609_P	03/07/12 20:10	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V003994	03/08/12 04:07	QJK	TAL NSH
Total	Prep	EPA 3510C		0.952	12C0707_P	03/03/12 18:30	MWT	TAL NSH
Total	Analysis	SW846 8270C		1.00	12C0707	03/05/12 18:26	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12C1173_P	03/07/12 14:00	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V003869	03/07/12 16:40	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A		0.952	12C0705_P	03/05/12 07:40	MAH	TAL NSH
Total	Analysis	SW846 8082		1.00	V003698	03/05/12 21:34	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12C1342_P	03/08/12 08:29	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	V003967	03/08/12 13:43	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12C0762_P	03/05/12 12:40	MB	TAL NSH
Total	Analysis	SW846 7470A		1.00	12C0762	03/06/12 15:03	MB	TAL NSH
Total	Prep	EPA 3010A / 6020	RE1	1.00	12C1342_P	03/08/12 08:29	MET	TAL NSH
Total	Analysis	SW846 6020	RE1	5.00	V003967	03/08/12 14:37	MET	TAL NSH
Total	Analysis	SW846 7196A		1.00	12C0589	03/03/12 12:19	JRM	TAL NSH
Total	Prep	NO PREP		1.00	12C0589_P	03/03/12 12:19	ARH	TAL NSH
Total	Prep	NO PREP		1.00	12C1118_P	03/08/12 18:45	JDJ	TAL NSH
Total	Analysis	SW846 9012B		1.00	12C1118	03/09/12 08:50	MLM	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-09-GW-001

Lab Sample ID: NWC0426-06

Date Collected: 03/02/12 15:56

Matrix: Ground Water

Date Received: 03/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C0609_P	03/07/12 20:10	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V003994	03/08/12 04:35	QJK	TAL NSH
Total	Prep	EPA 3510C		0.952	12C0707_P	03/03/12 18:30	MWT	TAL NSH
Total	Analysis	SW846 8270C		1.00	12C0707	03/05/12 18:45	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12C1173_P	03/07/12 14:00	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V003869	03/07/12 16:55	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A		0.952	12C0705_P	03/05/12 07:40	MAH	TAL NSH
Total	Analysis	SW846 8082		1.00	V003698	03/05/12 21:56	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12C1342_P	03/08/12 08:29	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	V003967	03/08/12 13:47	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12C0762_P	03/05/12 12:40	MB	TAL NSH
Total	Analysis	SW846 7470A		1.00	12C0762	03/06/12 15:05	MB	TAL NSH
Total	Prep	EPA 3010A / 6020	RE1	1.00	12C1342_P	03/08/12 08:29	MET	TAL NSH
Total	Analysis	SW846 6020	RE1	20.0	V003967	03/08/12 14:41	MET	TAL NSH
Total	Analysis	SW846 7196A		10.0	12C0589	03/03/12 12:19	JRM	TAL NSH
Total	Prep	NO PREP		1.00	12C0589_P	03/03/12 12:19	ARH	TAL NSH
Total	Prep	NO PREP		1.00	12C1118_P	03/08/12 18:45	JDJ	TAL NSH
Total	Analysis	SW846 9012B		1.00	12C1118	03/09/12 08:52	MLM	TAL NSH

Client Sample ID: MW-20-GW-001

Lab Sample ID: NWC0426-07

Date Collected: 02/29/12 16:37

Matrix: Ground Water

Date Received: 03/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C0609_P	03/07/12 20:10	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V003994	03/08/12 05:03	QJK	TAL NSH
Total	Prep	EPA 3510C		0.952	12C0707_P	03/03/12 18:30	MWT	TAL NSH
Total	Analysis	SW846 8270C		1.00	12C0707	03/05/12 19:05	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12C1173_P	03/07/12 14:00	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V003869	03/07/12 17:11	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A		0.952	12C0705_P	03/05/12 07:40	MAH	TAL NSH
Total	Analysis	SW846 8082		1.00	V003698	03/05/12 22:17	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12C1342_P	03/08/12 08:29	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	V003967	03/08/12 13:50	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12C0762_P	03/05/12 12:40	MB	TAL NSH
Total	Analysis	SW846 7470A		1.00	12C0762	03/06/12 15:12	MB	TAL NSH
Total	Prep	EPA 3010A / 6020	RE1	1.00	12C1342_P	03/08/12 08:29	MET	TAL NSH
Total	Analysis	SW846 6020	RE1	10.0	V003967	03/08/12 14:51	MET	TAL NSH
Total	Prep	NO PREP		1.00	12C1118_P	03/08/12 18:45	JDJ	TAL NSH
Total	Analysis	SW846 9012B		1.00	12C1118	03/09/12 08:53	MLM	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Client Sample ID: MW-20-GW-001

Lab Sample ID: NWC0426-08

Date Collected: 03/02/12 16:50

Matrix: Ground Water

Date Received: 03/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	SW846 7196A		5.00	12C0589	03/03/12 12:19	JRM	TAL NSH
Total	Prep	NO PREP		1.00	12C0589_P	03/03/12 12:19	ARH	TAL NSH

Client Sample ID: Trip Blank

Lab Sample ID: NWC0426-09

Date Collected: 03/02/12 00:01

Matrix: Water

Date Received: 03/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C0609_P	03/07/12 20:10	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V003994	03/07/12 23:27	QJK	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Method Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Method	Method Description	Protocol	Laboratory
SW846 9040C	General Chemistry Parameters		TAL NSH
SW846 8260B	Volatile Organic Compounds by EPA Method 8260B		TAL NSH
SW846 8270C	Semivolatile Organic Compounds by EPA Method 8270C		TAL NSH
SW846 8015B	Glycols by EPA Method 8015 (modified)		TAL NSH
SW846 8082	Polychlorinated Biphenyls by EPA Method 8082		TAL NSH
SW846 6020	Total Metals by Method 6020		TAL NSH
SW846 7470A	Mercury by EPA Methods 7470A/7471A		TAL NSH
1010/1010A	General Chemistry Parameters		TAL NSH
SW846 7196A	General Chemistry Parameters		TAL NSH
SW846 9012B	General Chemistry Parameters		TAL NSH

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Certification Summary

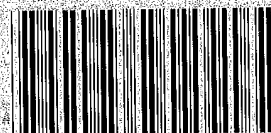
Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0426

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Nashville		ACIL		393
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska (UST)	State Program	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas DEQ	State Program	6	88-0737
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Canadian Assoc Lab Accred (CALA)	Canada		3744
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Florida	NELAC	4	E87358
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Kentucky (UST)	State Program	4	19
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Louisiana	NELAC	6	LA110014
TestAmerica Nashville	Maryland	State Program	3	316
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana (UST)	State Program	8	NA
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina DENR	State Program	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio VAP	State Program	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	USDA	Federal		S-48469
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	NELAC Secondary AB	3	460152
TestAmerica Nashville	Virginia	State Program	3	00323
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia DEP	State Program	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430
TestAmerica Nashville	Wyoming (UST)	A2LA	8	453.07

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

COOLER RECEIPT



NW0426

Cooler Received/Opened On 3/3/2012 @ 08:20

1. Tracking # 4969 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 96210146

2. Temperature of rep. sample or temp blank when opened: 3.5 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES ☐ NO ☒ NA

4. Were custody seals on outside of cooler? YES ☒ NO ☐ NA

If yes, how many and where: 2 - Front

5. Were the seals intact, signed, and dated correctly? YES ☒ NO ☐ NA

6. Were custody papers inside cooler? YES ☒ NO ☐ NA

I certify that I opened the cooler and answered questions 1-6 (initial) P.H.

7. Were custody seals on containers: YES ☒ NO ☐ and Intact YES ☐ NO ☒ NA

Were these signed and dated correctly? YES ☐ NO ☒ NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES ☒ NO ☐ NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES ☒ NO ☐ NA

12. Did all container labels and tags agree with custody papers? YES ☒ NO ☐ NA

13a. Were VOA vials received? YES ☐ NO ☒ NA

b. Was there any observable headspace present in any VOA vial? YES ☐ NO ☒ NA

14. Was there a Trip Blank in this cooler? YES ☒ NO ☐ NA If multiple coolers, sequence # 3

I certify that I unloaded the cooler and answered questions 7-14 (initial) PH

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES ☐ NO ☒ NA

b. Did the bottle labels indicate that the correct preservatives were used YES ☒ NO ☐ NA

16. Was residual chlorine present? YES ☐ NO ☒ NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) PH

17. Were custody papers properly filled out (ink, signed, etc)? YES ☒ NO ☐ NA

18. Did you sign the custody papers in the appropriate place? YES ☒ NO ☐ NA

19. Were correct containers used for the analysis requested? YES ☒ NO ☐ NA

20. Was sufficient amount of sample sent in each container? YES ☒ NO ☐ NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) PH

I certify that I attached a label with the unique LIMS number to each container (initial) PH

21. Were there Non-Conformance issues at login? YES ☒ NO ☐ Was a PIPE generated? YES ☐ NO ☒ #

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax: (615) 726-3404

Client: Haley & Aldrich (Lenexa)
"Reg District (CA)"

TA Account #: 532031

PO #:

Page 1 of 1

City, State, Zip: Lenexa

KS 66215-6949

Client Invoice Contact: Accounts Payable

Client Project Mgr: Marriuth Gruis

Client Telephone#: (913) 217-6907

Fax: (913) 217-6957

Sampler Name (Print)

Sample Signature:

Reg District (CA):

Site Address:

City, State, Zip:

Missouri

NWC0426

03/14/12 03:59

NWC0426		03/14/12 03:59																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	8015B Ethylene Glycol	8082 PCBs	8260B Extended List VOA	8270C Extended SVOA	Chromium, Hexavalent by EPA 7196	Cyanide Total 9012B	AL MET WATER 6020/6010B/7470A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 28481

Relinquished by:

John K. Smith

Date: 3/21/12

Time: 1915

Received by:

Date:

Time:

Relinquished by:

Date:

Time:

Shipped Via:

3/21/12

Time: 1915

Received by:

Date:

Time:

Relinquished by:

Date:

Time:

Received for TestAmerica by:

3/21/12

Time: 0820

Temperature Upon Receipt: 2-8/1.5

Sample Containers Intact? Y N

VOCs Free of Headspace? Y N

QC Deliverables (Please Circle One):

Level 2 Level 3 Level 4 Site Specific

(If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)

Date Due of Report:

MW 024 GW 3312 0620

3.5

COOLER RECEIPT FORM

NWC0426

03/14/12 23:59

Cooler Received/Opened On 3/3/2012 @ 8:20

1. Tracking # 4958 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 12080142

2. Temperature of rep. sample or temp blank when opened: 2.9 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...☒...NO...NA

4. Were custody seals on outside of cooler? YES...☒...NO...NA

If yes, how many and where: 2 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) KG

7. Were custody seals on containers: YES ☒ NO and Intact YES...NO...☒ NA

Were these signed and dated correctly? YES...NO...☒ NA

8. Packing mat'l used? ☒ Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: ☒ Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...☒...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) KG

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...☒...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) KG

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) KG

I certify that I attached a label with the unique LIMS number to each container (initial) KG

21. Were there Non-Conformance Issues at login? YES...☒...NO Was a PIPE generated? YES...☒...#

COOLER RECEIPT FORM

NWC0426

03/14/12 23:59

Cooler Received/Opened On 3/3/2012 @ 0820

1. Tracking # 4970 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 17960358

2. Temperature of rep. sample or temp blank when opened: 1.9 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 2 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) J

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 2

I certify that I unloaded the cooler and answered questions 7-14 (initial) JG

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) JG

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) JG

I certify that I attached a label with the unique LIMS number to each container (initial) JG

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# 1

',"Reg District (CA)")

Page 1 of 1

Low
water
column
dep of
mw-ole

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

2960 Foster Creighton Road

Nashville, TN 37204

Tel: 800-765-0980

TestAmerica Job ID: NWC0535

Client Project/Site: [none]

Client Project Description: Leeds Facility

For:

Haley & Aldrich (Lenexa)

8735 Rosehill Road, Suite 340

Lenexa, KS 66215-6949

Attn: Mariruth Gruis

Roxanne L. Connor

Authorized for release by:

3/14/2012 4:43:56 PM

Roxanne Connor

Program Manager - Conventional Accounts

roxanne.connor@testamericainc.com

LINKS

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Results relate only to the items tested and the sample(s) as received by the laboratory.



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Sample Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
NWC0535-01	MW-03B-GW-001	Ground Water	03/05/12 17:58	03/06/12 08:15
NWC0535-02	MW-04B-GW-001	Ground Water	03/05/12 14:22	03/06/12 08:15
NWC0535-03	MW-21-GW-001	Ground Water	03/05/12 00:01	03/06/12 08:15
NWC0535-04	Equip. Blank	Water	03/05/12 14:52	03/06/12 08:15
NWC0535-05	Field Blank	Water	03/05/12 15:18	03/06/12 08:15
NWC0535-06	Trip Blank	Water	03/05/12 00:01	03/06/12 08:15

Definitions/Glossary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.

GCMS Semivolatiles

Qualifier	Qualifier Description
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Pesticides

Qualifier	Qualifier Description
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

WetChem

Qualifier	Qualifier Description
RL1	Reporting limit raised due to sample matrix effects.
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
H10	The holding time calculation is based on a sampling time of 00:00 on the sampling date noted on the Chain of Custody. No sampling time was provided to the laboratory.
H3	Sample was received and analyzed past holding time.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: MW-03B-GW-001

Lab Sample ID: NWC0535-01

Date Collected: 03/05/12 17:58

Matrix: Ground Water

Date Received: 03/06/12 08:15

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
trans-1,2-Dichloroethene	2.66		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
cis-1,2-Dichloroethene	83.5		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 20:10	03/08/12 01:47	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:47	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: MW-03B-GW-001

Lab Sample ID: NWC0535-01

Date Collected: 03/05/12 17:58

Matrix: Ground Water

Date Received: 03/06/12 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	97		70 - 130	03/07/12 20:10	03/08/12 01:47	1.00
Dibromofluoromethane	104		70 - 130	03/07/12 20:10	03/08/12 01:47	1.00
Toluene-d8	98		70 - 130	03/07/12 20:10	03/08/12 01:47	1.00
4-Bromofluorobenzene	95		70 - 130	03/07/12 20:10	03/08/12 01:47	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1610		10.0	5.00	ug/L		03/07/12 15:00	03/08/12 16:03	10.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	100		70 - 130	03/07/12 15:00	03/08/12 16:03	10.0
Dibromofluoromethane	102		70 - 130	03/07/12 15:00	03/08/12 16:03	10.0
Toluene-d8	98		70 - 130	03/07/12 15:00	03/08/12 16:03	10.0
4-Bromofluorobenzene	95		70 - 130	03/07/12 15:00	03/08/12 16:03	10.0

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Acenaphthylene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Acetophenone	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Anthracene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Atrazine	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Benzaldehyde	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Benzo (a) anthracene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Benzo (a) pyrene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Benzo (b) fluoranthene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Benzo (g,h,i) perylene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Benzo (k) fluoranthene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Biphenyl	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
4-Bromophenyl phenyl ether	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Butyl benzyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Caprolactam	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Carbazole	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
4-Chloro-3-methylphenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
4-Chloroaniline	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Bis(2-chloroethoxy)methane	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Bis(2-chloroethyl)ether	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Bis(2-chloroisopropyl)ether	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
2-Chloronaphthalene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
2-Chlorophenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
4-Chlorophenyl phenyl ether	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Chrysene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Dibenz (a,h) anthracene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Dibenzofuran	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Di-n-butyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
3,3-Dichlorobenzidine	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
2,4-Dichlorophenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Diethyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
2,4-Dimethylphenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Dimethyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
4,6-Dinitro-2-methylphenol	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
2,4-Dinitrophenol	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 20:44	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: MW-03B-GW-001

Lab Sample ID: NWC0535-01

Date Collected: 03/05/12 17:58

Matrix: Ground Water

Date Received: 03/06/12 08:15

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
2,6-Dinitrotoluene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Di-n-octyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Bis(2-ethylhexyl)phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Fluoranthene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Fluorene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Hexachlorobenzene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Hexachlorobutadiene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Hexachlorocyclopentadiene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Hexachloroethane	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Indeno (1,2,3-cd) pyrene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Isophorone	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
2-Methylnaphthalene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
2-Methylphenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
3/4-Methylphenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Naphthalene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
4-Nitroaniline	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
2-Nitroaniline	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
3-Nitroaniline	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Nitrobenzene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
2-Nitrophenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
4-Nitrophenol	ND		23.6	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
N-Nitrosodiphenylamine	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
N-Nitrosodi-n-propylamine	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Pentachlorophenol	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Phenanthrene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Phenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
Pyrene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
2,4,6-Trichlorophenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 20:44	1.00
2,4,5-Trichlorophenol	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 20:44	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	41		10 - 120	03/06/12 12:05	03/06/12 20:44	1.00
Phenol-d5	25		10 - 120	03/06/12 12:05	03/06/12 20:44	1.00
Nitrobenzene-d5	74		27 - 120	03/06/12 12:05	03/06/12 20:44	1.00
2-Fluorobiphenyl	73		29 - 120	03/06/12 12:05	03/06/12 20:44	1.00
2,4,6-Tribromophenol	76		10 - 120	03/06/12 12:05	03/06/12 20:44	1.00
Terphenyl-d14	64		13 - 120	03/06/12 12:05	03/06/12 20:44	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		03/07/12 14:00	03/07/12 17:26	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	105		70 - 130	03/07/12 14:00	03/07/12 17:26	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:04	1.00
PCB-1221	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:04	1.00
PCB-1232	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:04	1.00
PCB-1242	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:04	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: MW-03B-GW-001

Lab Sample ID: NWC0535-01

Date Collected: 03/05/12 17:58

Matrix: Ground Water

Date Received: 03/06/12 08:15

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:04	1.00
PCB-1254	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:04	1.00
PCB-1260	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:04	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	103		17 - 142				03/06/12 11:15	03/07/12 05:04	1.00
Decachlorobiphenyl	71		10 - 149				03/06/12 11:15	03/07/12 05:04	1.00

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 13:48	1.00
Arsenic	80.7		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 13:48	1.00
Barium	531		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 13:48	1.00
Beryllium	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 13:48	1.00
Cadmium	ND		1.00	0.500	ug/L		03/12/12 08:01	03/12/12 13:48	1.00
Chromium	1.53	J	2.00	1.00	ug/L		03/12/12 08:01	03/12/12 13:48	1.00
Cobalt	1.58	J	2.00	1.00	ug/L		03/12/12 08:01	03/12/12 13:48	1.00
Copper	ND		5.00	2.50	ug/L		03/12/12 08:01	03/12/12 13:48	1.00
Lead	1.18	J	2.00	1.00	ug/L		03/12/12 08:01	03/12/12 13:48	1.00
Nickel	ND		5.00	2.50	ug/L		03/12/12 08:01	03/12/12 13:48	1.00
Selenium	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 13:48	1.00
Silver	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 13:48	1.00
Thallium	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 13:48	1.00
Vanadium	2.60	J	4.00	2.00	ug/L		03/12/12 08:01	03/12/12 13:48	1.00
Zinc	ND		50.0	25.0	ug/L		03/12/12 08:01	03/12/12 13:48	1.00

Method: SW846 6020 - Total Metals by Method 6020 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	6240		50.0	25.0	ug/L		03/12/12 08:01	03/12/12 14:21	10.0

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		03/07/12 12:00	03/07/12 14:22	1.00

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND	M2 RL1	0.100	0.0500	mg/L		03/06/12 12:20	03/06/12 12:20	10.0

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND	L	0.00500	0.00250	mg/L		03/08/12 18:45	03/09/12 08:54	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: MW-04B-GW-001

Lab Sample ID: NWC0535-02

Date Collected: 03/05/12 14:22

Matrix: Ground Water

Date Received: 03/06/12 08:15

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
cis-1,2-Dichloroethene	12.9		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Vinyl chloride	38.8		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 15:00	03/08/12 15:35	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 15:00	03/08/12 15:35	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: MW-04B-GW-001

Lab Sample ID: NWC0535-02

Date Collected: 03/05/12 14:22

Matrix: Ground Water

Date Received: 03/06/12 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	99		70 - 130	03/07/12 15:00	03/08/12 15:35	1.00
Dibromofluoromethane	101		70 - 130	03/07/12 15:00	03/08/12 15:35	1.00
Toluene-d8	99		70 - 130	03/07/12 15:00	03/08/12 15:35	1.00
4-Bromofluorobenzene	95		70 - 130	03/07/12 15:00	03/08/12 15:35	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Acenaphthylene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Acetophenone	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Anthracene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Atrazine	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Benzaldehyde	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Benzo (a) anthracene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Benzo (a) pyrene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Benzo (b) fluoranthene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Benzo (g,h,i) perylene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Benzo (k) fluoranthene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Biphenyl	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
4-Bromophenyl phenyl ether	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Butyl benzyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Caprolactam	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Carbazole	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
4-Chloro-3-methylphenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
4-Chloroaniline	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Bis(2-chloroethoxy)methane	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Bis(2-chloroethyl)ether	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Bis(2-chloroisopropyl)ether	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
2-Chloronaphthalene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
2-Chlorophenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
4-Chlorophenyl phenyl ether	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Chrysene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Dibenz (a,h) anthracene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Dibenzofuran	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Di-n-butyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
3,3-Dichlorobenzidine	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
2,4-Dichlorophenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Diethyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
2,4-Dimethylphenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Dimethyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
4,6-Dinitro-2-methylphenol	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
2,4-Dinitrophenol	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
2,4-Dinitrotoluene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
2,6-Dinitrotoluene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Di-n-octyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Bis(2-ethylhexyl)phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Fluoranthene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Fluorene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Hexachlorobenzene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Hexachlorobutadiene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Hexachlorocyclopentadiene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Hexachloroethane	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: MW-04B-GW-001

Lab Sample ID: NWC0535-02

Date Collected: 03/05/12 14:22

Matrix: Ground Water

Date Received: 03/06/12 08:15

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Isophorone	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
2-Methylnaphthalene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
2-Methylphenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
3/4-Methylphenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Naphthalene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
4-Nitroaniline	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
2-Nitroaniline	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
3-Nitroaniline	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Nitrobenzene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
2-Nitrophenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
4-Nitrophenol	ND		23.6	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
N-Nitrosodiphenylamine	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
N-Nitrosodi-n-propylamine	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Pentachlorophenol	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Phenanthrene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Phenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
Pyrene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
2,4,6-Trichlorophenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:04	1.00
2,4,5-Trichlorophenol	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:04	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	43		10 - 120	03/06/12 12:05	03/06/12 21:04	1.00
Phenol-d5	28		10 - 120	03/06/12 12:05	03/06/12 21:04	1.00
Nitrobenzene-d5	77		27 - 120	03/06/12 12:05	03/06/12 21:04	1.00
2-Fluorobiphenyl	75		29 - 120	03/06/12 12:05	03/06/12 21:04	1.00
2,4,6-Tribromophenol	72		10 - 120	03/06/12 12:05	03/06/12 21:04	1.00
Terphenyl-d14	69		13 - 120	03/06/12 12:05	03/06/12 21:04	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		03/07/12 14:00	03/07/12 17:41	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	107		70 - 130	03/07/12 14:00	03/07/12 17:41	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:26	1.00
PCB-1221	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:26	1.00
PCB-1232	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:26	1.00
PCB-1242	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:26	1.00
PCB-1248	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:26	1.00
PCB-1254	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:26	1.00
PCB-1260	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:26	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	102		17 - 142	03/06/12 11:15	03/07/12 05:26	1.00
Decachlorobiphenyl	69		10 - 149	03/06/12 11:15	03/07/12 05:26	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: MW-04B-GW-001

Lab Sample ID: NWC0535-02

Date Collected: 03/05/12 14:22

Matrix: Ground Water

Date Received: 03/06/12 08:15

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	1.00	ug/L	—	03/12/12 08:01	03/12/12 13:51	1.00
Arsenic	174		2.00	1.00	ug/L	—	03/12/12 08:01	03/12/12 13:51	1.00
Barium	405		2.00	1.00	ug/L	—	03/12/12 08:01	03/12/12 13:51	1.00
Beryllium	ND		2.00	1.00	ug/L	—	03/12/12 08:01	03/12/12 13:51	1.00
Cadmium	ND		1.00	0.500	ug/L	—	03/12/12 08:01	03/12/12 13:51	1.00
Chromium	2.10		2.00	1.00	ug/L	—	03/12/12 08:01	03/12/12 13:51	1.00
Cobalt	1.14	J	2.00	1.00	ug/L	—	03/12/12 08:01	03/12/12 13:51	1.00
Copper	ND		5.00	2.50	ug/L	—	03/12/12 08:01	03/12/12 13:51	1.00
Lead	1.38	J	2.00	1.00	ug/L	—	03/12/12 08:01	03/12/12 13:51	1.00
Nickel	ND		5.00	2.50	ug/L	—	03/12/12 08:01	03/12/12 13:51	1.00
Selenium	ND		2.00	1.00	ug/L	—	03/12/12 08:01	03/12/12 13:51	1.00
Silver	ND		2.00	1.00	ug/L	—	03/12/12 08:01	03/12/12 13:51	1.00
Thallium	ND		2.00	1.00	ug/L	—	03/12/12 08:01	03/12/12 13:51	1.00
Vanadium	3.32	J	4.00	2.00	ug/L	—	03/12/12 08:01	03/12/12 13:51	1.00
Zinc	ND		50.0	25.0	ug/L	—	03/12/12 08:01	03/12/12 13:51	1.00

Method: SW846 6020 - Total Metals by Method 6020 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	2870		25.0	12.5	ug/L	—	03/12/12 08:01	03/12/12 14:25	5.00

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L	—	03/08/12 10:15	03/08/12 11:28	1.00

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	0.0800	J RL1	0.100	0.0500	mg/L	—	03/06/12 12:20	03/06/12 12:20	10.0

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	0.00392	J L	0.00500	0.00250	mg/L	—	03/08/12 18:45	03/09/12 08:55	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: MW-21-GW-001

Lab Sample ID: NWC0535-03

Date Collected: 03/05/12 00:01

Matrix: Ground Water

Date Received: 03/06/12 08:15

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
trans-1,2-Dichloroethene	2.66		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
cis-1,2-Dichloroethene	69.4		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 20:10	03/08/12 02:43	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 02:43	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: MW-21-GW-001

Lab Sample ID: NWC0535-03

Date Collected: 03/05/12 00:01

Matrix: Ground Water

Date Received: 03/06/12 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	101		70 - 130	03/07/12 20:10	03/08/12 02:43	1.00
Dibromofluoromethane	106		70 - 130	03/07/12 20:10	03/08/12 02:43	1.00
Toluene-d8	99		70 - 130	03/07/12 20:10	03/08/12 02:43	1.00
4-Bromofluorobenzene	97		70 - 130	03/07/12 20:10	03/08/12 02:43	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1540		10.0	5.00	ug/L		03/07/12 15:00	03/08/12 17:00	10.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	101		70 - 130	03/07/12 15:00	03/08/12 17:00	10.0
Dibromofluoromethane	102		70 - 130	03/07/12 15:00	03/08/12 17:00	10.0
Toluene-d8	100		70 - 130	03/07/12 15:00	03/08/12 17:00	10.0
4-Bromofluorobenzene	96		70 - 130	03/07/12 15:00	03/08/12 17:00	10.0

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Acenaphthylene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Acetophenone	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Anthracene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Atrazine	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Benzaldehyde	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Benzo (a) anthracene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Benzo (a) pyrene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Benzo (b) fluoranthene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Benzo (g,h,i) perylene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Benzo (k) fluoranthene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Biphenyl	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
4-Bromophenyl phenyl ether	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Butyl benzyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Caprolactam	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Carbazole	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
4-Chloro-3-methylphenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
4-Chloroaniline	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Bis(2-chloroethoxy)methane	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Bis(2-chloroethyl)ether	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Bis(2-chloroisopropyl)ether	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
2-Chloronaphthalene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
2-Chlorophenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
4-Chlorophenyl phenyl ether	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Chrysene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Dibenz (a,h) anthracene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Dibenzofuran	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Di-n-butyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
3,3-Dichlorobenzidine	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
2,4-Dichlorophenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Diethyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
2,4-Dimethylphenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Dimethyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
4,6-Dinitro-2-methylphenol	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
2,4-Dinitrophenol	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:24	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: MW-21-GW-001

Lab Sample ID: NWC0535-03

Date Collected: 03/05/12 00:01

Matrix: Ground Water

Date Received: 03/06/12 08:15

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
2,6-Dinitrotoluene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Di-n-octyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Bis(2-ethylhexyl)phthalate	5.44	J	9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Fluoranthene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Fluorene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Hexachlorobenzene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Hexachlorobutadiene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Hexachlorocyclopentadiene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Hexachloroethane	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Indeno (1,2,3-cd) pyrene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Isophorone	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
2-Methylnaphthalene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
2-Methylphenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
3/4-Methylphenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Naphthalene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
4-Nitroaniline	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
2-Nitroaniline	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
3-Nitroaniline	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Nitrobenzene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
2-Nitrophenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
4-Nitrophenol	ND		23.6	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
N-Nitrosodiphenylamine	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
N-Nitrosodi-n-propylamine	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Pentachlorophenol	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Phenanthrene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Phenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
Pyrene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
2,4,6-Trichlorophenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:24	1.00
2,4,5-Trichlorophenol	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:24	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	37		10 - 120	03/06/12 12:05	03/06/12 21:24	1.00
Phenol-d5	24		10 - 120	03/06/12 12:05	03/06/12 21:24	1.00
Nitrobenzene-d5	66		27 - 120	03/06/12 12:05	03/06/12 21:24	1.00
2-Fluorobiphenyl	64		29 - 120	03/06/12 12:05	03/06/12 21:24	1.00
2,4,6-Tribromophenol	70		10 - 120	03/06/12 12:05	03/06/12 21:24	1.00
Terphenyl-d14	67		13 - 120	03/06/12 12:05	03/06/12 21:24	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		03/07/12 14:00	03/07/12 17:56	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	105		70 - 130	03/07/12 14:00	03/07/12 17:56	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:47	1.00
PCB-1221	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:47	1.00
PCB-1232	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:47	1.00
PCB-1242	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:47	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: MW-21-GW-001

Lab Sample ID: NWC0535-03

Date Collected: 03/05/12 00:01

Matrix: Ground Water

Date Received: 03/06/12 08:15

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:47	1.00
PCB-1254	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:47	1.00
PCB-1260	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 05:47	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	103		17 - 142				03/06/12 11:15	03/07/12 05:47	1.00
Decachlorobiphenyl	66		10 - 149				03/06/12 11:15	03/07/12 05:47	1.00

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:02	1.00
Arsenic	83.8		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:02	1.00
Barium	569		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:02	1.00
Beryllium	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:02	1.00
Cadmium	ND		1.00	0.500	ug/L		03/12/12 08:01	03/12/12 14:02	1.00
Chromium	4.13		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:02	1.00
Cobalt	2.48		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:02	1.00
Copper	3.68	J	5.00	2.50	ug/L		03/12/12 08:01	03/12/12 14:02	1.00
Lead	3.49		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:02	1.00
Nickel	4.19	J	5.00	2.50	ug/L		03/12/12 08:01	03/12/12 14:02	1.00
Selenium	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:02	1.00
Silver	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:02	1.00
Thallium	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:02	1.00
Vanadium	6.99		4.00	2.00	ug/L		03/12/12 08:01	03/12/12 14:02	1.00
Zinc	ND		50.0	25.0	ug/L		03/12/12 08:01	03/12/12 14:02	1.00

Method: SW846 6020 - Total Metals by Method 6020 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	6460		50.0	25.0	ug/L		03/12/12 08:01	03/12/12 14:29	10.0

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		03/08/12 10:15	03/08/12 11:39	1.00

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	0.107	H10 H3	0.100	0.0500	mg/L		03/06/12 12:20	03/06/12 12:20	10.0

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND	L	0.00500	0.00250	mg/L		03/08/12 18:45	03/09/12 08:56	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: Equip. Blank

Lab Sample ID: NWC0535-04

Date Collected: 03/05/12 14:52

Matrix: Water

Date Received: 03/06/12 08:15

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	L	50.0	25.0	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 20:10	03/08/12 01:19	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 01:19	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: Equip. Blank

Lab Sample ID: NWC0535-04

Date Collected: 03/05/12 14:52

Matrix: Water

Date Received: 03/06/12 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	99		70 - 130	03/07/12 20:10	03/08/12 01:19	1.00
Dibromofluoromethane	103		70 - 130	03/07/12 20:10	03/08/12 01:19	1.00
Toluene-d8	99		70 - 130	03/07/12 20:10	03/08/12 01:19	1.00
4-Bromofluorobenzene	93		70 - 130	03/07/12 20:10	03/08/12 01:19	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Acenaphthylene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Acetophenone	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Anthracene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Atrazine	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Benzaldehyde	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Benzo (a) anthracene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Benzo (a) pyrene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Benzo (b) fluoranthene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Benzo (g,h,i) perylene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Benzo (k) fluoranthene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Biphenyl	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
4-Bromophenyl phenyl ether	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Butyl benzyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Caprolactam	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Carbazole	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
4-Chloro-3-methylphenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
4-Chloroaniline	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Bis(2-chloroethoxy)methane	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Bis(2-chloroethyl)ether	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Bis(2-chloroisopropyl)ether	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
2-Chloronaphthalene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
2-Chlorophenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
4-Chlorophenyl phenyl ether	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Chrysene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Dibenz (a,h) anthracene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Dibenzofuran	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Di-n-butyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
3,3-Dichlorobenzidine	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
2,4-Dichlorophenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Diethyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
2,4-Dimethylphenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Dimethyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
4,6-Dinitro-2-methylphenol	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
2,4-Dinitrophenol	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
2,4-Dinitrotoluene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
2,6-Dinitrotoluene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Di-n-octyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Bis(2-ethylhexyl)phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Fluoranthene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Fluorene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Hexachlorobenzene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Hexachlorobutadiene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Hexachlorocyclopentadiene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Hexachloroethane	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: Equip. Blank

Lab Sample ID: NWC0535-04

Date Collected: 03/05/12 14:52

Matrix: Water

Date Received: 03/06/12 08:15

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Isophorone	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
2-Methylnaphthalene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
2-Methylphenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
3/4-Methylphenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Naphthalene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
4-Nitroaniline	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
2-Nitroaniline	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
3-Nitroaniline	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Nitrobenzene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
2-Nitrophenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
4-Nitrophenol	ND		23.6	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
N-Nitrosodiphenylamine	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
N-Nitrosodi-n-propylamine	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Pentachlorophenol	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Phenanthrene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Phenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
Pyrene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
2,4,6-Trichlorophenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 21:44	1.00
2,4,5-Trichlorophenol	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 21:44	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	39		10 - 120	03/06/12 12:05	03/06/12 21:44	1.00
Phenol-d5	25		10 - 120	03/06/12 12:05	03/06/12 21:44	1.00
Nitrobenzene-d5	68		27 - 120	03/06/12 12:05	03/06/12 21:44	1.00
2-Fluorobiphenyl	64		29 - 120	03/06/12 12:05	03/06/12 21:44	1.00
2,4,6-Tribromophenol	67		10 - 120	03/06/12 12:05	03/06/12 21:44	1.00
Terphenyl-d14	81		13 - 120	03/06/12 12:05	03/06/12 21:44	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		03/07/12 14:00	03/07/12 18:12	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	110		70 - 130	03/07/12 14:00	03/07/12 18:12	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 06:09	1.00
PCB-1221	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 06:09	1.00
PCB-1232	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 06:09	1.00
PCB-1242	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 06:09	1.00
PCB-1248	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 06:09	1.00
PCB-1254	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 06:09	1.00
PCB-1260	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 06:09	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	100		17 - 142	03/06/12 11:15	03/07/12 06:09	1.00
Decachlorobiphenyl	72		10 - 149	03/06/12 11:15	03/07/12 06:09	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: Equip. Blank

Lab Sample ID: NWC0535-04

Date Collected: 03/05/12 14:52

Matrix: Water

Date Received: 03/06/12 08:15

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:06	1.00
Arsenic	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:06	1.00
Barium	1.85	J	2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:06	1.00
Beryllium	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:06	1.00
Cadmium	ND		1.00	0.500	ug/L		03/12/12 08:01	03/12/12 14:06	1.00
Chromium	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:06	1.00
Cobalt	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:06	1.00
Copper	ND		5.00	2.50	ug/L		03/12/12 08:01	03/12/12 14:06	1.00
Lead	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:06	1.00
Manganese	7.96		5.00	2.50	ug/L		03/12/12 08:01	03/12/12 14:06	1.00
Nickel	ND		5.00	2.50	ug/L		03/12/12 08:01	03/12/12 14:06	1.00
Selenium	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:06	1.00
Silver	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:06	1.00
Thallium	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:06	1.00
Vanadium	ND		4.00	2.00	ug/L		03/12/12 08:01	03/12/12 14:06	1.00
Zinc	ND		50.0	25.0	ug/L		03/12/12 08:01	03/12/12 14:06	1.00

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		03/08/12 10:15	03/08/12 11:42	1.00

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		0.0100	0.00500	mg/L		03/06/12 12:20	03/06/12 12:20	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND	L	0.00500	0.00250	mg/L		03/08/12 18:45	03/09/12 08:56	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: Field Blank

Lab Sample ID: NWC0535-05

Date Collected: 03/05/12 15:18

Matrix: Water

Date Received: 03/06/12 08:15

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	L	50.0	25.0	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 20:10	03/08/12 00:51	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/08/12 00:51	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: Field Blank

Lab Sample ID: NWC0535-05

Date Collected: 03/05/12 15:18

Matrix: Water

Date Received: 03/06/12 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	98		70 - 130	03/07/12 20:10	03/08/12 00:51	1.00
Dibromofluoromethane	100		70 - 130	03/07/12 20:10	03/08/12 00:51	1.00
Toluene-d8	98		70 - 130	03/07/12 20:10	03/08/12 00:51	1.00
4-Bromofluorobenzene	93		70 - 130	03/07/12 20:10	03/08/12 00:51	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Acenaphthylene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Acetophenone	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Anthracene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Atrazine	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Benzaldehyde	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Benzo (a) anthracene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Benzo (a) pyrene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Benzo (b) fluoranthene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Benzo (g,h,i) perylene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Benzo (k) fluoranthene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Biphenyl	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
4-Bromophenyl phenyl ether	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Butyl benzyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Caprolactam	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Carbazole	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
4-Chloro-3-methylphenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
4-Chloroaniline	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Bis(2-chloroethoxy)methane	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Bis(2-chloroethyl)ether	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Bis(2-chloroisopropyl)ether	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
2-Chloronaphthalene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
2-Chlorophenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
4-Chlorophenyl phenyl ether	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Chrysene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Dibenz (a,h) anthracene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Dibenzofuran	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Di-n-butyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
3,3-Dichlorobenzidine	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
2,4-Dichlorophenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Diethyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
2,4-Dimethylphenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Dimethyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
4,6-Dinitro-2-methylphenol	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
2,4-Dinitrophenol	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
2,4-Dinitrotoluene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
2,6-Dinitrotoluene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Di-n-octyl phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Bis(2-ethylhexyl)phthalate	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Fluoranthene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Fluorene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Hexachlorobenzene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Hexachlorobutadiene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Hexachlorocyclopentadiene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Hexachloroethane	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: Field Blank

Lab Sample ID: NWC0535-05

Date Collected: 03/05/12 15:18

Matrix: Water

Date Received: 03/06/12 08:15

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Isophorone	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
2-Methylnaphthalene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
2-Methylphenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
3/4-Methylphenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Naphthalene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
4-Nitroaniline	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
2-Nitroaniline	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
3-Nitroaniline	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Nitrobenzene	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
2-Nitrophenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
4-Nitrophenol	ND		23.6	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
N-Nitrosodiphenylamine	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
N-Nitrosodi-n-propylamine	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Pentachlorophenol	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Phenanthrene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Phenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
Pyrene	ND		1.89	0.943	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
2,4,6-Trichlorophenol	ND		9.43	4.72	ug/L		03/06/12 12:05	03/06/12 22:03	1.00
2,4,5-Trichlorophenol	ND		23.6	12.3	ug/L		03/06/12 12:05	03/06/12 22:03	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	51		10 - 120	03/06/12 12:05	03/06/12 22:03	1.00
Phenol-d5	32		10 - 120	03/06/12 12:05	03/06/12 22:03	1.00
Nitrobenzene-d5	78		27 - 120	03/06/12 12:05	03/06/12 22:03	1.00
2-Fluorobiphenyl	75		29 - 120	03/06/12 12:05	03/06/12 22:03	1.00
2,4,6-Tribromophenol	75		10 - 120	03/06/12 12:05	03/06/12 22:03	1.00
Terphenyl-d14	88		13 - 120	03/06/12 12:05	03/06/12 22:03	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		03/07/12 14:00	03/07/12 18:27	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	104		70 - 130	03/07/12 14:00	03/07/12 18:27	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 06:31	1.00
PCB-1221	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 06:31	1.00
PCB-1232	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 06:31	1.00
PCB-1242	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 06:31	1.00
PCB-1248	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 06:31	1.00
PCB-1254	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 06:31	1.00
PCB-1260	ND		0.472	0.236	ug/L		03/06/12 11:15	03/07/12 06:31	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	105		17 - 142	03/06/12 11:15	03/07/12 06:31	1.00
Decachlorobiphenyl	96		10 - 149	03/06/12 11:15	03/07/12 06:31	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: Field Blank

Lab Sample ID: NWC0535-05

Date Collected: 03/05/12 15:18

Matrix: Water

Date Received: 03/06/12 08:15

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:09	1.00
Arsenic	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:09	1.00
Barium	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:09	1.00
Beryllium	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:09	1.00
Cadmium	ND		1.00	0.500	ug/L		03/12/12 08:01	03/12/12 14:09	1.00
Chromium	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:09	1.00
Cobalt	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:09	1.00
Copper	ND		5.00	2.50	ug/L		03/12/12 08:01	03/12/12 14:09	1.00
Lead	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:09	1.00
Manganese	ND		5.00	2.50	ug/L		03/12/12 08:01	03/12/12 14:09	1.00
Nickel	ND		5.00	2.50	ug/L		03/12/12 08:01	03/12/12 14:09	1.00
Selenium	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:09	1.00
Silver	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:09	1.00
Thallium	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 14:09	1.00
Vanadium	ND		4.00	2.00	ug/L		03/12/12 08:01	03/12/12 14:09	1.00
Zinc	ND		50.0	25.0	ug/L		03/12/12 08:01	03/12/12 14:09	1.00

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		03/08/12 10:15	03/08/12 11:44	1.00

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		0.0100	0.00500	mg/L		03/06/12 12:20	03/06/12 12:20	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND	L	0.00500	0.00250	mg/L		03/08/12 18:45	03/09/12 08:57	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: Trip Blank

Lab Sample ID: NWC0535-06

Date Collected: 03/05/12 00:01

Matrix: Water

Date Received: 03/06/12 08:15

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 20:10	03/07/12 23:55	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 23:55	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: Trip Blank

Lab Sample ID: NWC0535-06

Date Collected: 03/05/12 00:01

Matrix: Water

Date Received: 03/06/12 08:15

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4	98		70 - 130	03/07/12 20:10	03/07/12 23:55	1.00
Dibromofluoromethane	103		70 - 130	03/07/12 20:10	03/07/12 23:55	1.00
Toluene-d8	99		70 - 130	03/07/12 20:10	03/07/12 23:55	1.00
4-Bromofluorobenzene	94		70 - 130	03/07/12 20:10	03/07/12 23:55	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 12C0609-BLK1

Matrix: Water

Analysis Batch: V003994

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0609_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Benzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Bromoform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Chloroform	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Styrene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Toluene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/07/12 20:10	03/07/12 22:59	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C0609-BLK1

Matrix: Water

Analysis Batch: V003994

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C0609_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/07/12 20:10	03/07/12 22:59	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	99		70 - 130				03/07/12 20:10	03/07/12 22:59	1.00
Dibromofluoromethane	104		70 - 130				03/07/12 20:10	03/07/12 22:59	1.00
Toluene-d8	99		70 - 130				03/07/12 20:10	03/07/12 22:59	1.00
4-Bromofluorobenzene	92		70 - 130				03/07/12 20:10	03/07/12 22:59	1.00

Lab Sample ID: 12C0609-BS1

Matrix: Water

Analysis Batch: V003994

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0609_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	365	L	ug/L		146	54 - 145
Benzene	50.0	50.9		ug/L		102	80 - 121
Bromochloromethane	50.0	53.1		ug/L		106	78 - 129
Bromoform	50.0	38.6		ug/L		77	46 - 145
Bromomethane	50.0	54.0		ug/L		108	41 - 150
2-Butanone	250	279		ug/L		112	62 - 133
Carbon disulfide	50.0	49.2		ug/L		98	77 - 126
Carbon Tetrachloride	50.0	52.3		ug/L		105	64 - 147
Chlorobenzene	50.0	50.2		ug/L		100	80 - 120
Chlorodibromomethane	50.0	50.1		ug/L		100	69 - 133
Chloroethane	50.0	46.7		ug/L		93	72 - 120
Chloroform	50.0	52.3		ug/L		105	73 - 129
Chloromethane	50.0	37.6		ug/L		75	12 - 150
Cyclohexane	50.0	51.3		ug/L		103	73 - 122
1,2-Dibromo-3-chloropropane	50.0	40.0		ug/L		80	54 - 125
1,2-Dibromoethane (EDB)	50.0	51.9		ug/L		104	80 - 129
1,2-Dichlorobenzene	50.0	49.6		ug/L		99	80 - 121
1,3-Dichlorobenzene	50.0	49.4		ug/L		99	80 - 122
1,4-Dichlorobenzene	50.0	50.0		ug/L		100	80 - 120
Dichlorodifluoromethane	50.0	44.5		ug/L		89	37 - 127
1,2-Dichloroethane	50.0	47.7		ug/L		95	77 - 121
1,1-Dichloroethane	50.0	54.9		ug/L		110	78 - 125
1,1-Dichloroethene	50.0	58.8		ug/L		118	79 - 124
trans-1,2-Dichloroethene	50.0	54.4		ug/L		109	79 - 126
cis-1,2-Dichloroethene	50.0	52.7		ug/L		105	76 - 125
1,2-Dichloropropane	50.0	48.1		ug/L		96	75 - 120
trans-1,3-Dichloropropene	50.0	46.3		ug/L		93	63 - 134
cis-1,3-Dichloropropene	50.0	50.0		ug/L		100	74 - 140
Ethylbenzene	50.0	49.1		ug/L		98	80 - 130
2-Hexanone	250	252		ug/L		101	60 - 142
Isopropylbenzene	50.0	51.5		ug/L		103	80 - 141
Methyl Acetate	50.0	37.1		ug/L		74	64 - 150
Methylcyclohexane	50.0	50.4		ug/L		101	71 - 129
Methyl tert-Butyl Ether	50.0	50.2		ug/L		100	72 - 133
Methylene Chloride	50.0	59.0		ug/L		118	79 - 123
4-Methyl-2-pentanone	250	248		ug/L		99	60 - 137

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C0609-BS1

Matrix: Water

Analysis Batch: V003994

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C0609_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
n-Propylbenzene	50.0	49.1		ug/L		98	75 - 129	
Styrene	50.0	48.5		ug/L		97	80 - 127	
1,1,2,2-Tetrachloroethane	50.0	45.2		ug/L		90	69 - 131	
Tetrachloroethene	50.0	54.5		ug/L		109	80 - 126	
Tetrahydrofuran	500	707	L	ug/L		141	51 - 124	
Toluene	50.0	50.0		ug/L		100	80 - 126	
1,2,4-Trichlorobenzene	50.0	48.2		ug/L		96	63 - 133	
1,1,1-Trichloroethane	50.0	51.5		ug/L		103	78 - 135	
1,1,2-Trichloroethane	50.0	52.4		ug/L		105	80 - 124	
Trichloroethene	50.0	54.1		ug/L		108	80 - 123	
Trichlorofluoromethane	50.0	46.5		ug/L		93	65 - 124	
Vinyl chloride	50.0	49.3		ug/L		99	68 - 120	
Xylenes, total	150	141		ug/L		94	80 - 132	
1,1,2-Trifluorotrichloroethane	50.0	53.5		ug/L		107	77 - 129	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	94		70 - 130
Dibromofluoromethane	108		70 - 130
Toluene-d8	99		70 - 130
4-Bromofluorobenzene	90		70 - 130

Lab Sample ID: 12C0609-BSD1

Matrix: Water

Analysis Batch: V003994

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12C0609_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	Limit
Acetone	250	400	L	ug/L		160	54 - 145	9		21
Benzene	50.0	50.0		ug/L		100	80 - 121	2		17
Bromochloromethane	50.0	53.0		ug/L		106	78 - 129	0.2		17
Bromoform	50.0	38.0		ug/L		76	46 - 145	1		16
Bromomethane	50.0	52.6		ug/L		105	41 - 150	3		50
2-Butanone	250	287		ug/L		115	62 - 133	3		19
Carbon disulfide	50.0	47.8		ug/L		96	77 - 126	3		21
Carbon Tetrachloride	50.0	51.0		ug/L		102	64 - 147	2		19
Chlorobenzene	50.0	49.2		ug/L		98	80 - 120	2		14
Chlorodibromomethane	50.0	49.3		ug/L		99	69 - 133	2		15
Chloroethane	50.0	47.0		ug/L		94	72 - 120	0.7		20
Chloroform	50.0	51.3		ug/L		103	73 - 129	2		18
Chloromethane	50.0	35.4		ug/L		71	12 - 150	6		31
Cyclohexane	50.0	50.5		ug/L		101	73 - 122	2		16
1,2-Dibromo-3-chloropropane	50.0	39.3		ug/L		79	54 - 125	2		24
1,2-Dibromoethane (EDB)	50.0	50.8		ug/L		102	80 - 129	2		15
1,2-Dichlorobenzene	50.0	49.3		ug/L		99	80 - 121	0.5		15
1,3-Dichlorobenzene	50.0	48.2		ug/L		96	80 - 122	2		15
1,4-Dichlorobenzene	50.0	49.6		ug/L		99	80 - 120	0.9		15
Dichlorodifluoromethane	50.0	42.9		ug/L		86	37 - 127	4		18
1,2-Dichloroethane	50.0	47.2		ug/L		94	77 - 121	1		17
1,1-Dichloroethane	50.0	53.3		ug/L		107	78 - 125	3		17
1,1-Dichloroethene	50.0	56.0		ug/L		112	79 - 124	5		17

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C0609-BSD1

Matrix: Water

Analysis Batch: V003994

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12C0609_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits			
trans-1,2-Dichloroethene	50.0	52.7		ug/L		105	79 - 126		3	16
cis-1,2-Dichloroethene	50.0	51.3		ug/L		103	76 - 125		3	17
1,2-Dichloropropane	50.0	46.9		ug/L		94	75 - 120		3	17
trans-1,3-Dichloropropene	50.0	45.6		ug/L		91	63 - 134		1	14
cis-1,3-Dichloropropene	50.0	49.0		ug/L		98	74 - 140		2	15
Ethylbenzene	50.0	47.4		ug/L		95	80 - 130		3	15
2-Hexanone	250	252		ug/L		101	60 - 142	0.06		15
Isopropylbenzene	50.0	50.3		ug/L		101	80 - 141		2	16
Methyl Acetate	50.0	37.0		ug/L		74	64 - 150	0.3		31
Methylcyclohexane	50.0	49.8		ug/L		100	71 - 129		1	19
Methyl tert-Butyl Ether	50.0	48.4		ug/L		97	72 - 133		4	16
Methylene Chloride	50.0	57.9		ug/L		116	79 - 123		2	17
4-Methyl-2-pentanone	250	245		ug/L		98	60 - 137		1	17
n-Propylbenzene	50.0	48.0		ug/L		96	75 - 129		2	17
Styrene	50.0	47.0		ug/L		94	80 - 127		3	24
1,1,2,2-Tetrachloroethane	50.0	42.6		ug/L		85	69 - 131		6	20
Tetrachloroethene	50.0	52.8		ug/L		106	80 - 126		3	16
Tetrahydrofuran	500	697	L	ug/L		139	51 - 124		1	18
Toluene	50.0	48.7		ug/L		97	80 - 126		3	15
1,2,4-Trichlorobenzene	50.0	48.2		ug/L		96	63 - 133	0.06		19
1,1,1-Trichloroethane	50.0	50.6		ug/L		101	78 - 135		2	17
1,1,2-Trichloroethane	50.0	51.9		ug/L		104	80 - 124		1	15
Trichloroethene	50.0	54.6		ug/L		109	80 - 123	0.9		17
Trichlorofluoromethane	50.0	45.0		ug/L		90	65 - 124		3	18
Vinyl chloride	50.0	47.8		ug/L		96	68 - 120		3	17
Xylenes, total	150	137		ug/L		92	80 - 132		3	15
1,1,2-Trifluorotrichloroethane	50.0	52.4		ug/L		105	77 - 129		2	18

Surrogate	LCS Dup		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	94		70 - 130
Dibromofluoromethane	106		70 - 130
Toluene-d8	98		70 - 130
4-Bromofluorobenzene	91		70 - 130

Lab Sample ID: 12C0609-MS1

Matrix: Water

Analysis Batch: V003994

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12C0609_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec.	
									Limits	
Acetone	ND		250	275		ug/L		110	45 - 141	
Benzene	ND		50.0	54.1		ug/L		108	75 - 133	
Bromochloromethane	ND		50.0	55.6		ug/L		111	67 - 139	
Bromoform	ND		50.0	35.4		ug/L		71	42 - 147	
Bromomethane	ND		50.0	52.9		ug/L		106	16 - 163	
2-Butanone	ND		250	247		ug/L		99	50 - 138	
Carbon disulfide	ND		50.0	51.9		ug/L		104	48 - 152	
Carbon Tetrachloride	ND		50.0	56.3		ug/L		113	62 - 164	
Chlorobenzene	ND		50.0	52.2		ug/L		104	80 - 129	
Chlorodibromomethane	ND		50.0	48.2		ug/L		96	66 - 140	

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C0609-MS1

Matrix: Water

Analysis Batch: V003994

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12C0609_P

Analyte	Sample	Sample	Spike	Matrix Spike	Matrix Spike	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Chloroethane	ND		50.0	53.8		ug/L		108	58 - 137	
Chloroform	ND		50.0	56.0		ug/L		112	66 - 138	
Chloromethane	ND		50.0	41.9		ug/L		84	10 - 169	
Cyclohexane	ND		50.0	57.8		ug/L		116	58 - 144	
1,2-Dibromo-3-chloropropane	ND		50.0	37.2		ug/L		74	52 - 126	
1,2-Dibromoethane (EDB)	ND		50.0	50.5		ug/L		101	75 - 137	
1,2-Dichlorobenzene	ND		50.0	49.4		ug/L		99	79 - 128	
1,3-Dichlorobenzene	ND		50.0	50.2		ug/L		100	77 - 131	
1,4-Dichlorobenzene	ND		50.0	50.9		ug/L		102	78 - 126	
Dichlorodifluoromethane	ND		50.0	45.0		ug/L		90	40 - 127	
1,2-Dichloroethane	ND		50.0	49.2		ug/L		98	64 - 136	
1,1-Dichloroethane	ND		50.0	58.6		ug/L		117	71 - 139	
1,1-Dichloroethene	ND		50.0	63.0		ug/L		126	70 - 142	
trans-1,2-Dichloroethene	ND		50.0	58.7		ug/L		117	66 - 143	
cis-1,2-Dichloroethene	ND		50.0	56.6		ug/L		113	68 - 138	
1,2-Dichloropropane	ND		50.0	50.4		ug/L		101	67 - 131	
trans-1,3-Dichloropropene	ND		50.0	47.2		ug/L		94	59 - 135	
cis-1,3-Dichloropropene	ND		50.0	52.0		ug/L		104	71 - 141	
Ethylbenzene	ND		50.0	51.5		ug/L		103	79 - 139	
2-Hexanone	ND		250	237		ug/L		95	50 - 150	
Isopropylbenzene	ND		50.0	53.9		ug/L		108	80 - 153	
Methyl Acetate	ND		50.0	33.7		ug/L		67	30 - 165	
Methylcyclohexane	ND		50.0	55.0		ug/L		110	59 - 151	
Methyl tert-Butyl Ether	ND		50.0	49.9		ug/L		100	66 - 141	
Methylene Chloride	ND		50.0	60.9		ug/L		122	64 - 139	
4-Methyl-2-pentanone	ND		250	242		ug/L		97	50 - 147	
n-Propylbenzene	ND		50.0	52.4		ug/L		105	69 - 142	
Styrene	ND		50.0	49.1		ug/L		98	61 - 148	
1,1,2,2-Tetrachloroethane	ND		50.0	44.5		ug/L		89	56 - 143	
Tetrachloroethene	ND		50.0	56.8		ug/L		114	72 - 145	
Tetrahydrofuran	ND		500	627		ug/L		125	34 - 133	
Toluene	ND		50.0	52.8		ug/L		106	75 - 136	
1,2,4-Trichlorobenzene	ND		50.0	46.4		ug/L		93	60 - 136	
1,1,1-Trichloroethane	ND		50.0	56.2		ug/L		112	76 - 149	
1,1,2-Trichloroethane	ND		50.0	52.4		ug/L		105	74 - 134	
Trichloroethene	ND		50.0	56.4		ug/L		113	73 - 144	
Trichlorofluoromethane	ND		50.0	53.0		ug/L		106	58 - 139	
Vinyl chloride	ND		50.0	54.2		ug/L		108	56 - 129	
Xylenes, total	ND		150	148		ug/L		99	74 - 141	
1,1,2-Trifluorotrichloroethane	ND		50.0	57.9		ug/L		116	72 - 148	

Surrogate	Matrix Spike	Matrix Spike	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	95		70 - 130
Dibromofluoromethane	109		70 - 130
Toluene-d8	98		70 - 130
4-Bromofluorobenzene	92		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C0609-MSD1

Matrix: Water

Analysis Batch: V003994

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12C0609_P

Analyte	Sample	Sample	Spike	Matrix Spike Dup	Matrix Spike Dup	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Acetone	ND		250	282		ug/L		113	45 - 141	2	21
Benzene	ND		50.0	54.8		ug/L		110	75 - 133	1	17
Bromochloromethane	ND		50.0	56.3		ug/L		113	67 - 139	1	17
Bromoform	ND		50.0	36.8		ug/L		74	42 - 147	4	16
Bromomethane	ND		50.0	58.2		ug/L		116	16 - 163	9	50
2-Butanone	ND		250	265		ug/L		106	50 - 138	7	19
Carbon disulfide	ND		50.0	52.9		ug/L		106	48 - 152	2	21
Carbon Tetrachloride	ND		50.0	57.6		ug/L		115	62 - 164	2	19
Chlorobenzene	ND		50.0	53.1		ug/L		106	80 - 129	2	14
Chlorodibromomethane	ND		50.0	50.1		ug/L		100	66 - 140	4	15
Chloroethane	ND		50.0	54.2		ug/L		108	58 - 137	0.7	20
Chloroform	ND		50.0	57.1		ug/L		114	66 - 138	2	18
Chloromethane	ND		50.0	42.0		ug/L		84	10 - 169	0.3	31
Cyclohexane	ND		50.0	57.8		ug/L		116	58 - 144	0.1	16
1,2-Dibromo-3-chloropropane	ND		50.0	39.1		ug/L		78	52 - 126	5	24
1,2-Dibromoethane (EDB)	ND		50.0	52.4		ug/L		105	75 - 137	4	15
1,2-Dichlorobenzene	ND		50.0	51.4		ug/L		103	79 - 128	4	15
1,3-Dichlorobenzene	ND		50.0	51.5		ug/L		103	77 - 131	2	15
1,4-Dichlorobenzene	ND		50.0	52.2		ug/L		104	78 - 126	2	15
Dichlorodifluoromethane	ND		50.0	45.6		ug/L		91	40 - 127	1	18
1,2-Dichloroethane	ND		50.0	50.2		ug/L		100	64 - 136	2	17
1,1-Dichloroethane	ND		50.0	59.0		ug/L		118	71 - 139	0.7	17
1,1-Dichloroethene	ND		50.0	64.6		ug/L		129	70 - 142	3	17
trans-1,2-Dichloroethene	ND		50.0	60.0		ug/L		120	66 - 143	2	16
cis-1,2-Dichloroethene	ND		50.0	57.6		ug/L		115	68 - 138	2	17
1,2-Dichloropropane	ND		50.0	51.3		ug/L		103	67 - 131	2	17
trans-1,3-Dichloropropene	ND		50.0	48.9		ug/L		98	59 - 135	4	14
cis-1,3-Dichloropropene	ND		50.0	53.6		ug/L		107	71 - 141	3	15
Ethylbenzene	ND		50.0	52.7		ug/L		105	79 - 139	2	15
2-Hexanone	ND		250	252		ug/L		101	50 - 150	6	15
Isopropylbenzene	ND		50.0	55.1		ug/L		110	80 - 153	2	16
Methyl Acetate	ND		50.0	34.5		ug/L		69	30 - 165	2	31
Methylcyclohexane	ND		50.0	55.3		ug/L		111	59 - 151	0.6	19
Methyl tert-Butyl Ether	ND		50.0	52.1		ug/L		104	66 - 141	4	16
Methylene Chloride	ND		50.0	62.2		ug/L		124	64 - 139	2	17
4-Methyl-2-pentanone	ND		250	257		ug/L		103	50 - 147	6	17
n-Propylbenzene	ND		50.0	53.2		ug/L		106	69 - 142	2	17
Styrene	ND		50.0	50.7		ug/L		101	61 - 148	3	24
1,1,2,2-Tetrachloroethane	ND		50.0	47.6		ug/L		95	56 - 143	7	20
Tetrachloroethene	ND		50.0	57.6		ug/L		115	72 - 145	1	16
Tetrahydrofuran	ND		500	646		ug/L		129	34 - 133	3	18
Toluene	ND		50.0	53.8		ug/L		108	75 - 136	2	15
1,2,4-Trichlorobenzene	ND		50.0	49.1		ug/L		98	60 - 136	6	19
1,1,1-Trichloroethane	ND		50.0	57.1		ug/L		114	76 - 149	2	17
1,1,2-Trichloroethane	ND		50.0	53.6		ug/L		107	74 - 134	2	15
Trichloroethene	ND		50.0	57.2		ug/L		114	73 - 144	1	17
Trichlorofluoromethane	ND		50.0	53.8		ug/L		108	58 - 139	2	18
Vinyl chloride	ND		50.0	55.0		ug/L		110	56 - 129	1	17
Xylenes, total	ND		150	152		ug/L		101	74 - 141	2	15

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C0609-MSD1

Matrix: Water

Analysis Batch: V003994

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12C0609_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trifluorotrichloroethane	ND		50.0	58.4		ug/L		117	72 - 148	1	18
Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits								
1,2-Dichloroethane-d4	95		70 - 130								
Dibromofluoromethane	108		70 - 130								
Toluene-d8	100		70 - 130								
4-Bromofluorobenzene	94		70 - 130								

Lab Sample ID: 12C2913-BLK1

Matrix: Water

Analysis Batch: V004001

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C2913_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Benzene	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Bromoform	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Bromomethane	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
2-Butanone	ND		50.0	25.0	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Chloroethane	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Chloroform	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Chloromethane	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Cyclohexane	ND		5.00	2.50	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
2-Hexanone	ND		10.0	5.00	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		03/08/12 09:30	03/08/12 12:19	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C2913-BLK1

Matrix: Water

Analysis Batch: V004001

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C2913_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Propylbenzene	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Styrene	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Toluene	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Trichloroethene	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
Xylenes, total	ND		3.00	1.50	ug/L		03/08/12 09:30	03/08/12 12:19	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		03/08/12 09:30	03/08/12 12:19	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	99		70 - 130	03/08/12 09:30	03/08/12 12:19	1.00
Dibromofluoromethane	101		70 - 130	03/08/12 09:30	03/08/12 12:19	1.00
Toluene-d8	98		70 - 130	03/08/12 09:30	03/08/12 12:19	1.00
4-Bromofluorobenzene	92		70 - 130	03/08/12 09:30	03/08/12 12:19	1.00

Lab Sample ID: 12C2913-BS1

Matrix: Water

Analysis Batch: V004001

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C2913_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	295		ug/L		118	54 - 145
Benzene	50.0	49.2		ug/L		98	80 - 121
Bromochloromethane	50.0	51.8		ug/L		104	78 - 129
Bromoform	50.0	33.4		ug/L		67	46 - 145
Bromomethane	50.0	50.4		ug/L		101	41 - 150
2-Butanone	250	247		ug/L		99	62 - 133
Carbon disulfide	50.0	46.7		ug/L		93	77 - 126
Carbon Tetrachloride	50.0	49.6		ug/L		99	64 - 147
Chlorobenzene	50.0	48.3		ug/L		97	80 - 120
Chlorodibromomethane	50.0	44.8		ug/L		90	69 - 133
Chloroethane	50.0	48.1		ug/L		96	72 - 120
Chloroform	50.0	49.2		ug/L		98	73 - 129
Chloromethane	50.0	40.3		ug/L		81	12 - 150
Cyclohexane	50.0	50.7		ug/L		101	73 - 122
1,2-Dibromo-3-chloropropane	50.0	34.7		ug/L		69	54 - 125
1,2-Dibromoethane (EDB)	50.0	49.2		ug/L		98	80 - 129
1,2-Dichlorobenzene	50.0	47.9		ug/L		96	80 - 121
1,3-Dichlorobenzene	50.0	47.7		ug/L		95	80 - 122
1,4-Dichlorobenzene	50.0	48.6		ug/L		97	80 - 120
Dichlorodifluoromethane	50.0	47.5		ug/L		95	37 - 127
1,2-Dichloroethane	50.0	44.8		ug/L		90	77 - 121
1,1-Dichloroethane	50.0	52.4		ug/L		105	78 - 125
1,1-Dichloroethene	50.0	56.4		ug/L		113	79 - 124

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C2913-BS1

Matrix: Water

Analysis Batch: V004001

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C2913_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
trans-1,2-Dichloroethene	50.0	51.6		ug/L		103	79 - 126	
cis-1,2-Dichloroethene	50.0	51.1		ug/L		102	76 - 125	
1,2-Dichloropropane	50.0	46.3		ug/L		93	75 - 120	
trans-1,3-Dichloropropene	50.0	46.3		ug/L		93	63 - 134	
cis-1,3-Dichloropropene	50.0	49.6		ug/L		99	74 - 140	
Ethylbenzene	50.0	47.4		ug/L		95	80 - 130	
2-Hexanone	250	238		ug/L		95	60 - 142	
Isopropylbenzene	50.0	50.3		ug/L		101	80 - 141	
Methyl Acetate	50.0	34.1		ug/L		68	64 - 150	
Methylcyclohexane	50.0	50.4		ug/L		101	71 - 129	
Methyl tert-Butyl Ether	50.0	48.4		ug/L		97	72 - 133	
Methylene Chloride	50.0	56.2		ug/L		112	79 - 123	
4-Methyl-2-pentanone	250	239		ug/L		96	60 - 137	
n-Propylbenzene	50.0	47.1		ug/L		94	75 - 129	
Styrene	50.0	46.2		ug/L		92	80 - 127	
1,1,2,2-Tetrachloroethane	50.0	42.3		ug/L		85	69 - 131	
Tetrachloroethene	50.0	52.6		ug/L		105	80 - 126	
Tetrahydrofuran	500	668		ug/L		134	51 - 124	
Toluene	50.0	48.4		ug/L		97	80 - 126	
1,2,4-Trichlorobenzene	50.0	47.5		ug/L		95	63 - 133	
1,1,1-Trichloroethane	50.0	50.0		ug/L		100	78 - 135	
1,1,2-Trichloroethane	50.0	49.9		ug/L		100	80 - 124	
Trichloroethene	50.0	51.7		ug/L		103	80 - 123	
Trichlorofluoromethane	50.0	48.6		ug/L		97	65 - 124	
Vinyl chloride	50.0	51.5		ug/L		103	68 - 120	
Xylenes, total	150	137		ug/L		92	80 - 132	
1,1,2-Trifluorotrichloroethane	50.0	51.6		ug/L		103	77 - 129	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	92		70 - 130
Dibromofluoromethane	104		70 - 130
Toluene-d8	99		70 - 130
4-Bromofluorobenzene	91		70 - 130

Lab Sample ID: 12C2913-BSD1

Matrix: Water

Analysis Batch: V004001

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12C2913_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	Limit
Acetone	250	318		ug/L		127	54 - 145	7		21
Benzene	50.0	49.0		ug/L		98	80 - 121	0.2		17
Bromochloromethane	50.0	52.0		ug/L		104	78 - 129	0.4		17
Bromoform	50.0	34.5		ug/L		69	46 - 145	3		16
Bromomethane	50.0	50.4		ug/L		101	41 - 150	0.02		50
2-Butanone	250	268		ug/L		107	62 - 133	8		19
Carbon disulfide	50.0	46.4		ug/L		93	77 - 126	0.6		21
Carbon Tetrachloride	50.0	49.0		ug/L		98	64 - 147	1		19
Chlorobenzene	50.0	48.6		ug/L		97	80 - 120	0.6		14
Chlorodibromomethane	50.0	46.4		ug/L		93	69 - 133	3		15

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C2913-BSD1

Matrix: Water

Analysis Batch: V004001

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12C2913_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits			
Chloroethane	50.0	47.3		ug/L		95	72 - 120		2	20
Chloroform	50.0	49.5		ug/L		99	73 - 129		0.4	18
Chloromethane	50.0	39.1		ug/L		78	12 - 150		3	31
Cyclohexane	50.0	51.2		ug/L		102	73 - 122		1	16
1,2-Dibromo-3-chloropropane	50.0	36.8		ug/L		74	54 - 125		6	24
1,2-Dibromoethane (EDB)	50.0	50.2		ug/L		100	80 - 129		2	15
1,2-Dichlorobenzene	50.0	49.2		ug/L		98	80 - 121		3	15
1,3-Dichlorobenzene	50.0	48.5		ug/L		97	80 - 122		2	15
1,4-Dichlorobenzene	50.0	49.6		ug/L		99	80 - 120		2	15
Dichlorodifluoromethane	50.0	47.0		ug/L		94	37 - 127		1	18
1,2-Dichloroethane	50.0	46.1		ug/L		92	77 - 121		3	17
1,1-Dichloroethane	50.0	52.3		ug/L		105	78 - 125		0.2	17
1,1-Dichloroethene	50.0	55.5		ug/L		111	79 - 124		2	17
trans-1,2-Dichloroethene	50.0	51.2		ug/L		102	79 - 126		0.8	16
cis-1,2-Dichloroethene	50.0	51.0		ug/L		102	76 - 125		0.1	17
1,2-Dichloropropane	50.0	46.4		ug/L		93	75 - 120		0.2	17
trans-1,3-Dichloropropene	50.0	46.8		ug/L		94	63 - 134		1	14
cis-1,3-Dichloropropene	50.0	50.1		ug/L		100	74 - 140		1	15
Ethylbenzene	50.0	47.4		ug/L		95	80 - 130		0.06	15
2-Hexanone	250	245		ug/L		98	60 - 142		3	15
Isopropylbenzene	50.0	50.5		ug/L		101	80 - 141		0.4	16
Methyl Acetate	50.0	35.3		ug/L		71	64 - 150		3	31
Methylcyclohexane	50.0	50.3		ug/L		101	71 - 129		0.4	19
Methyl tert-Butyl Ether	50.0	51.4		ug/L		103	72 - 133		6	16
Methylene Chloride	50.0	56.8		ug/L		114	79 - 123		1	17
4-Methyl-2-pentanone	250	249		ug/L		100	60 - 137		4	17
n-Propylbenzene	50.0	47.1		ug/L		94	75 - 129		0.1	17
Styrene	50.0	46.7		ug/L		93	80 - 127		1	24
1,1,2,2-Tetrachloroethane	50.0	43.6		ug/L		87	69 - 131		3	20
Tetrachloroethene	50.0	52.2		ug/L		104	80 - 126		0.6	16
Tetrahydrofuran	500	697		ug/L		139	51 - 124		4	18
Toluene	50.0	48.4		ug/L		97	80 - 126		0.06	15
1,2,4-Trichlorobenzene	50.0	49.9		ug/L		100	63 - 133		5	19
1,1,1-Trichloroethane	50.0	50.0		ug/L		100	78 - 135		0.2	17
1,1,2-Trichloroethane	50.0	51.6		ug/L		103	80 - 124		3	15
Trichloroethene	50.0	51.1		ug/L		102	80 - 123		1	17
Trichlorofluoromethane	50.0	48.7		ug/L		97	65 - 124		0.2	18
Vinyl chloride	50.0	49.9		ug/L		100	68 - 120		3	17
Xylenes, total	150	138		ug/L		92	80 - 132		0.4	15
1,1,2-Trifluorotrichloroethane	50.0	51.3		ug/L		103	77 - 129		0.7	18

Surrogate	LCS Dup		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	94		70 - 130
Dibromofluoromethane	106		70 - 130
Toluene-d8	99		70 - 130
4-Bromofluorobenzene	91		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C2913-MS1

Matrix: Water

Analysis Batch: V004001

Client Sample ID: MW-21-GW-001

Prep Type: Total

Prep Batch: 12C2913_P

Analyte	Sample	Sample	Spike	Matrix Spike	Matrix Spike	Unit	D	%Rec	Limits	
	Result	Qualifier	Added	Result	Qualifier					
Acetone	ND		25000	32300		ug/L		129	45 - 141	
Benzene	ND		5000	5560		ug/L		111	75 - 133	
Bromochloromethane	ND		5000	5820		ug/L		116	67 - 139	
Bromoform	ND		5000	3760		ug/L		75	42 - 147	
Bromomethane	ND		5000	1880		ug/L		38	16 - 163	
2-Butanone	ND		25000	28300		ug/L		113	50 - 138	
Carbon disulfide	ND		5000	5280		ug/L		106	48 - 152	
Carbon Tetrachloride	ND		5000	5680		ug/L		114	62 - 164	
Chlorobenzene	ND		5000	5360		ug/L		107	80 - 129	
Chlorodibromomethane	ND		5000	5150		ug/L		103	66 - 140	
Chloroethane	ND		5000	3640		ug/L		73	58 - 137	
Chloroform	ND		5000	5800		ug/L		116	66 - 138	
Chloromethane	ND		5000	4390		ug/L		88	10 - 169	
Cyclohexane	ND		5000	5840		ug/L		117	58 - 144	
1,2-Dibromo-3-chloropropane	ND		5000	4030		ug/L		81	52 - 126	
1,2-Dibromoethane (EDB)	ND		5000	5410		ug/L		108	75 - 137	
1,2-Dichlorobenzene	ND		5000	5160		ug/L		103	79 - 128	
1,3-Dichlorobenzene	ND		5000	5140		ug/L		103	77 - 131	
1,4-Dichlorobenzene	ND		5000	5260		ug/L		105	78 - 126	
Dichlorodifluoromethane	ND		5000	4740		ug/L		95	40 - 127	
1,2-Dichloroethane	ND		5000	5130		ug/L		103	64 - 136	
1,1-Dichloroethane	ND		5000	6050		ug/L		121	71 - 139	
1,1-Dichloroethene	ND		5000	6480		ug/L		130	70 - 142	
trans-1,2-Dichloroethene	ND		5000	6140		ug/L		123	66 - 143	
cis-1,2-Dichloroethene	64.0		5000	5920		ug/L		117	68 - 138	
1,2-Dichloropropane	ND		5000	5210		ug/L		104	67 - 131	
trans-1,3-Dichloropropene	ND		5000	5050		ug/L		101	59 - 135	
cis-1,3-Dichloropropene	ND		5000	5470		ug/L		109	71 - 141	
Ethylbenzene	ND		5000	5260		ug/L		105	79 - 139	
2-Hexanone	ND		25000	26000		ug/L		104	50 - 150	
Isopropylbenzene	ND		5000	5540		ug/L		111	80 - 153	
Methyl Acetate	ND		5000	3810		ug/L		76	30 - 165	
Methylcyclohexane	ND		5000	5600		ug/L		112	59 - 151	
Methyl tert-Butyl Ether	ND		5000	5300		ug/L		106	66 - 141	
Methylene Chloride	ND		5000	6330		ug/L		127	64 - 139	
4-Methyl-2-pentanone	ND		25000	26200		ug/L		105	50 - 147	
n-Propylbenzene	ND		5000	5320		ug/L		106	69 - 142	
Styrene	ND		5000	5090		ug/L		102	61 - 148	
1,1,2,2-Tetrachloroethane	ND		5000	4740		ug/L		95	56 - 143	
Tetrachloroethene	ND		5000	5840		ug/L		117	72 - 145	
Tetrahydrofuran	ND		50000	76600		ug/L		153	34 - 133	
Toluene	ND		5000	5380		ug/L		108	75 - 136	
1,2,4-Trichlorobenzene	ND		5000	4820		ug/L		96	60 - 136	
1,1,1-Trichloroethane	ND		5000	5800		ug/L		116	76 - 149	
1,1,2-Trichloroethane	ND		5000	5550		ug/L		111	74 - 134	
Trichloroethene	ND		5000	5820		ug/L		116	73 - 144	
Trichlorofluoromethane	ND		5000	5300		ug/L		106	58 - 139	
Vinyl chloride	1520		5000	7330		ug/L		116	56 - 129	
Xylenes, total	ND		15000	15000		ug/L		100	74 - 141	

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C2913-MS1

Matrix: Water

Analysis Batch: V004001

Client Sample ID: MW-21-GW-001

Prep Type: Total

Prep Batch: 12C2913_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trifluorotrichloroethane	ND		5000	6280		ug/L		126	72 - 148
Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits						
1,2-Dichloroethane-d4	92		70 - 130						
Dibromofluoromethane	109		70 - 130						
Toluene-d8	99		70 - 130						
4-Bromofluorobenzene	91		70 - 130						

Lab Sample ID: 12C2913-MSD1

Matrix: Water

Analysis Batch: V004001

Client Sample ID: MW-21-GW-001

Prep Type: Total

Prep Batch: 12C2913_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		25000	30500		ug/L		122	45 - 141	6	21
Benzene	ND		5000	5490		ug/L		110	75 - 133	1	17
Bromochloromethane	ND		5000	5810		ug/L		116	67 - 139	0.2	17
Bromoform	ND		5000	3800		ug/L		76	42 - 147	0.9	16
Bromomethane	ND		5000	5900		ug/L		118	16 - 163	103	50
2-Butanone	ND		25000	28200		ug/L		113	50 - 138	0.3	19
Carbon disulfide	ND		5000	5310		ug/L		106	48 - 152	0.6	21
Carbon Tetrachloride	ND		5000	5790		ug/L		116	62 - 164	2	19
Chlorobenzene	ND		5000	5340		ug/L		107	80 - 129	0.3	14
Chlorodibromomethane	ND		5000	5180		ug/L		104	66 - 140	0.4	15
Chloroethane	ND		5000	5460		ug/L		109	58 - 137	40	20
Chloroform	ND		5000	5780		ug/L		116	66 - 138	0.4	18
Chloromethane	ND		5000	4270		ug/L		85	10 - 169	3	31
Cyclohexane	ND		5000	5860		ug/L		117	58 - 144	0.4	16
1,2-Dibromo-3-chloropropane	ND		5000	4000		ug/L		80	52 - 126	1	24
1,2-Dibromoethane (EDB)	ND		5000	5360		ug/L		107	75 - 137	1	15
1,2-Dichlorobenzene	ND		5000	5200		ug/L		104	79 - 128	0.8	15
1,3-Dichlorobenzene	ND		5000	5220		ug/L		104	77 - 131	2	15
1,4-Dichlorobenzene	ND		5000	5300		ug/L		106	78 - 126	0.7	15
Dichlorodifluoromethane	ND		5000	4680		ug/L		94	40 - 127	1	18
1,2-Dichloroethane	ND		5000	5120		ug/L		102	64 - 136	0.2	17
1,1-Dichloroethane	ND		5000	5960		ug/L		119	71 - 139	1	17
1,1-Dichloroethene	ND		5000	6380		ug/L		128	70 - 142	2	17
trans-1,2-Dichloroethene	ND		5000	6070		ug/L		121	66 - 143	1	16
cis-1,2-Dichloroethene	64.0		5000	5840		ug/L		115	68 - 138	1	17
1,2-Dichloropropane	ND		5000	5210		ug/L		104	67 - 131	0.08	17
trans-1,3-Dichloropropene	ND		5000	5020		ug/L		100	59 - 135	0.5	14
cis-1,3-Dichloropropene	ND		5000	5440		ug/L		109	71 - 141	0.5	15
Ethylbenzene	ND		5000	5250		ug/L		105	79 - 139	0.2	15
2-Hexanone	ND		25000	25700		ug/L		103	50 - 150	1	15
Isopropylbenzene	ND		5000	5550		ug/L		111	80 - 153	0.2	16
Methyl Acetate	ND		5000	3710		ug/L		74	30 - 165	3	31
Methylcyclohexane	ND		5000	5560		ug/L		111	59 - 151	0.6	19
Methyl tert-Butyl Ether	ND		5000	5460		ug/L		109	66 - 141	3	16
Methylene Chloride	ND		5000	6200		ug/L		124	64 - 139	2	17
4-Methyl-2-pentanone	ND		25000	26300		ug/L		105	50 - 147	0.5	17

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C2913-MSD1

Matrix: Water

Analysis Batch: V004001

Client Sample ID: MW-21-GW-001

Prep Type: Total

Prep Batch: 12C2913_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
n-Propylbenzene	ND		5000	5370		ug/L		107	69 - 142	1	17
Styrene	ND		5000	5070		ug/L		101	61 - 148	0.3	24
1,1,2,2-Tetrachloroethane	ND		5000	4820		ug/L		96	56 - 143	2	20
Tetrachloroethene	ND		5000	5830		ug/L		117	72 - 145	0.3	16
Tetrahydrofuran	ND		50000	74400		ug/L		149	34 - 133	3	18
Toluene	ND		5000	5420		ug/L		108	75 - 136	0.7	15
1,2,4-Trichlorobenzene	ND		5000	4850		ug/L		97	60 - 136	0.6	19
1,1,1-Trichloroethane	ND		5000	5850		ug/L		117	76 - 149	0.9	17
1,1,2-Trichloroethane	ND		5000	5510		ug/L		110	74 - 134	0.8	15
Trichloroethene	ND		5000	5820		ug/L		116	73 - 144	0.02	17
Trichlorofluoromethane	ND		5000	5370		ug/L		107	58 - 139	1	18
Vinyl chloride	1520		5000	7200		ug/L		114	56 - 129	2	17
Xylenes, total	ND		15000	15000		ug/L		100	74 - 141	0.1	15
1,1,2-Trifluorotrichloroethane	ND		5000	6330		ug/L		127	72 - 148	0.7	18

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Matrix Spike Dup Limits
1,2-Dichloroethane-d4	94		70 - 130
Dibromofluoromethane	107		70 - 130
Toluene-d8	98		70 - 130
4-Bromofluorobenzene	92		70 - 130

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Lab Sample ID: 12C1041-BLK1

Matrix: Water

Analysis Batch: 12C1041

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C1041_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.00	1.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Acenaphthylene	ND		2.00	1.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Acetophenone	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Anthracene	ND		2.00	1.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Atrazine	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Benzaldehyde	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Benzo (a) anthracene	ND		2.00	1.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Benzo (a) pyrene	ND		2.00	1.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Benzo (b) fluoranthene	ND		2.00	1.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Benzo (g,h,i) perylene	ND		2.00	1.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Benzo (k) fluoranthene	ND		2.00	1.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Biphenyl	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
4-Bromophenyl phenyl ether	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Butyl benzyl phthalate	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Caprolactam	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Carbazole	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
4-Chloro-3-methylphenol	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
4-Chloroaniline	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Bis(2-chloroethoxy)methane	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Bis(2-chloroethyl)ether	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Bis(2-chloroisopropyl)ether	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12C1041-BLK1

Matrix: Water

Analysis Batch: 12C1041

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C1041_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
2-Chlorophenol	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
4-Chlorophenyl phenyl ether	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Chrysene	ND		2.00	1.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Dibenz (a,h) anthracene	ND		2.00	1.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Dibenzofuran	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Di-n-butyl phthalate	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
3,3-Dichlorobenzidine	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
2,4-Dichlorophenol	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Diethyl phthalate	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
2,4-Dimethylphenol	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Dimethyl phthalate	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
4,6-Dinitro-2-methylphenol	ND		25.0	13.0	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
2,4-Dinitrophenol	ND		25.0	13.0	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
2,4-Dinitrotoluene	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
2,6-Dinitrotoluene	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Di-n-octyl phthalate	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Bis(2-ethylhexyl)phthalate	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Fluoranthene	ND		2.00	1.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Fluorene	ND		2.00	1.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Hexachlorobenzene	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Hexachlorobutadiene	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Hexachlorocyclopentadiene	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Hexachloroethane	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Indeno (1,2,3-cd) pyrene	ND		2.00	1.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Isophorone	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
2-Methylnaphthalene	ND		2.00	1.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
2-Methylphenol	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
3/4-Methylphenol	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Naphthalene	ND		2.00	1.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
4-Nitroaniline	ND		25.0	13.0	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
2-Nitroaniline	ND		25.0	13.0	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
3-Nitroaniline	ND		25.0	13.0	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Nitrobenzene	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
2-Nitrophenol	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
4-Nitrophenol	ND		25.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
N-Nitrosodiphenylamine	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
N-Nitrosodi-n-propylamine	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Pentachlorophenol	ND		25.0	13.0	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Phenanthrene	ND		2.00	1.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Phenol	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
Pyrene	ND		2.00	1.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
2,4,6-Trichlorophenol	ND		10.0	5.00	ug/L		03/06/12 12:05	03/06/12 20:25	1.00
2,4,5-Trichlorophenol	ND		25.0	13.0	ug/L		03/06/12 12:05	03/06/12 20:25	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	43		10 - 120	03/06/12 12:05	03/06/12 20:25	1.00
Phenol-d5	28		10 - 120	03/06/12 12:05	03/06/12 20:25	1.00
Nitrobenzene-d5	68		27 - 120	03/06/12 12:05	03/06/12 20:25	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12C1041-BLK1

Matrix: Water

Analysis Batch: 12C1041

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C1041_P

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	62		29 - 120	03/06/12 12:05	03/06/12 20:25	1.00
2,4,6-Tribromophenol	69		10 - 120	03/06/12 12:05	03/06/12 20:25	1.00
Terphenyl-d14	85		13 - 120	03/06/12 12:05	03/06/12 20:25	1.00

Lab Sample ID: 12C1041-BS1

Matrix: Water

Analysis Batch: 12C1041

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C1041_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	50.0	47.0	MNR1	ug/L		94	46 - 120
Acenaphthylene	50.0	40.6	MNR1	ug/L		81	48 - 120
Acetophenone	50.0	50.3	MNR1	ug/L		101	36 - 120
Anthracene	50.0	48.6	MNR1	ug/L		97	58 - 130
Benzo (a) anthracene	50.0	47.1	MNR1	ug/L		94	57 - 120
Benzo (a) pyrene	50.0	48.8	MNR1	ug/L		98	57 - 124
Benzo (b) fluoranthene	50.0	49.8	MNR1	ug/L		100	51 - 125
Benzo (g,h,i) perylene	50.0	46.8	MNR1	ug/L		94	51 - 123
Benzo (k) fluoranthene	50.0	42.2	MNR1	ug/L		84	51 - 120
4-Bromophenyl phenyl ether	50.0	46.7	MNR1	ug/L		93	47 - 127
Butyl benzyl phthalate	50.0	53.5	MNR1	ug/L		107	51 - 146
Carbazole	50.0	50.7	MNR1	ug/L		101	54 - 123
4-Chloro-3-methylphenol	50.0	42.5	MNR1	ug/L		85	44 - 120
4-Chloroaniline	50.0	40.7	MNR1	ug/L		81	44 - 120
Bis(2-chloroethoxy)methane	50.0	40.8	MNR1	ug/L		82	44 - 120
Bis(2-chloroethyl)ether	50.0	47.7	MNR1	ug/L		95	47 - 120
Bis(2-chloroisopropyl)ether	50.0	46.9	MNR1	ug/L		94	44 - 120
2-Chloronaphthalene	50.0	34.9	MNR1	ug/L		70	39 - 120
2-Chlorophenol	50.0	44.0	MNR1	ug/L		88	40 - 120
4-Chlorophenyl phenyl ether	50.0	44.8	MNR1	ug/L		90	50 - 120
Chrysene	50.0	47.8	MNR1	ug/L		96	55 - 120
Dibenz (a,h) anthracene	50.0	47.1	MNR1	ug/L		94	50 - 125
Dibenzofuran	50.0	48.1	MNR1	ug/L		96	50 - 120
Di-n-butyl phthalate	50.0	51.4	MNR1	ug/L		103	54 - 140
3,3-Dichlorobenzidine	50.0	51.0	MNR1	ug/L		102	46 - 129
2,4-Dichlorophenol	50.0	38.8	MNR1	ug/L		78	38 - 120
Diethyl phthalate	50.0	48.7	MNR1	ug/L		97	54 - 128
2,4-Dimethylphenol	50.0	41.8	MNR1	ug/L		84	21 - 126
Dimethyl phthalate	50.0	46.4	MNR1	ug/L		93	53 - 127
4,6-Dinitro-2-methylphenol	50.0	55.6	MNR1	ug/L		111	19 - 150
2,4-Dinitrophenol	50.0	60.7	MNR1	ug/L		121	20 - 150
2,4-Dinitrotoluene	50.0	39.7	MNR1	ug/L		79	46 - 132
2,6-Dinitrotoluene	50.0	40.3	MNR1	ug/L		81	54 - 128
Di-n-octyl phthalate	50.0	54.2	MNR1	ug/L		108	50 - 142
Bis(2-ethylhexyl)phthalate	50.0	56.7	MNR1	ug/L		113	47 - 138
Fluoranthene	50.0	48.2	MNR1	ug/L		96	56 - 120
Fluorene	50.0	47.5	MNR1	ug/L		95	52 - 120
Hexachlorobenzene	50.0	47.8	MNR1	ug/L		96	48 - 131
Hexachlorobutadiene	50.0	31.5	MNR1	ug/L		63	28 - 120
Hexachlorocyclopentadiene	50.0	22.8	MNR1	ug/L		46	17 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12C1041-BS1

Matrix: Water

Analysis Batch: 12C1041

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C1041_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachloroethane	50.0	35.8	MNR1	ug/L		72	30 - 120
Indeno (1,2,3-cd) pyrene	50.0	47.6	MNR1	ug/L		95	54 - 125
Isophorone	50.0	32.4	MNR1	ug/L		65	47 - 120
2-Methylnaphthalene	50.0	36.4	MNR1	ug/L		73	31 - 120
2-Methylphenol	50.0	33.7	MNR1	ug/L		67	38 - 120
3/4-Methylphenol	50.0	30.4	MNR1	ug/L		61	33 - 120
Naphthalene	50.0	39.1	MNR1	ug/L		78	37 - 120
4-Nitroaniline	50.0	51.2	MNR1	ug/L		102	55 - 123
2-Nitroaniline	50.0	52.0	MNR1	ug/L		104	46 - 131
3-Nitroaniline	50.0	50.3	MNR1	ug/L		101	54 - 121
Nitrobenzene	50.0	30.8	MNR1	ug/L		62	36 - 120
2-Nitrophenol	50.0	40.5	MNR1	ug/L		81	32 - 120
4-Nitrophenol	50.0	18.6	MNR1 J	ug/L		37	10 - 120
N-Nitrosodiphenylamine	50.0	58.6	MNR1	ug/L		117	58 - 149
N-Nitrosodi-n-propylamine	50.0	50.4	MNR1	ug/L		101	51 - 120
Pentachlorophenol	50.0	62.3	MNR1	ug/L		125	21 - 150
Phenanthrene	50.0	48.6	MNR1	ug/L		97	56 - 120
Phenol	50.0	21.9	MNR1	ug/L		44	14 - 120
Pyrene	50.0	47.0	MNR1	ug/L		94	53 - 129
2,4,6-Trichlorophenol	50.0	47.9	MNR1	ug/L		96	39 - 135
2,4,5-Trichlorophenol	50.0	38.6	MNR1	ug/L		77	40 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	46		10 - 120
Phenol-d5	30		10 - 120
Nitrobenzene-d5	70		27 - 120
2-Fluorobiphenyl	77		29 - 120
2,4,6-Tribromophenol	74		10 - 120
Terphenyl-d14	93		13 - 120

Lab Sample ID: 12C1041-BS2

Matrix: Water

Analysis Batch: 12C1041

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C1041_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetophenone	50.0	51.0		ug/L		102	36 - 120
Atrazine	50.0	46.4		ug/L		93	24 - 133
Benzaldehyde	50.0	45.0		ug/L		90	34 - 120
Biphenyl	50.0	44.0		ug/L		88	10 - 146
Caprolactam	50.0	12.1		ug/L		24	10 - 120
4-Chloro-3-methylphenol	50.0	47.3		ug/L		95	44 - 120
2-Chlorophenol	50.0	44.1		ug/L		88	40 - 120
2,4-Dichlorophenol	50.0	43.2		ug/L		86	38 - 120
2,4-Dimethylphenol	50.0	46.0		ug/L		92	21 - 126
4,6-Dinitro-2-methylphenol	50.0	50.8		ug/L		102	19 - 150
2,4-Dinitrophenol	50.0	57.3		ug/L		115	20 - 150
2-Methylphenol	50.0	33.6		ug/L		67	38 - 120
2-Nitrophenol	50.0	45.1		ug/L		90	32 - 120
4-Nitrophenol	50.0	22.1	J	ug/L		44	10 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12C1041-BS2

Matrix: Water

Analysis Batch: 12C1041

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C1041_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pentachlorophenol	50.0	49.4		ug/L		99	21 - 150
Phenol	50.0	19.4		ug/L		39	14 - 120
2,4,6-Trichlorophenol	50.0	43.9		ug/L		88	39 - 135
2,4,5-Trichlorophenol	50.0	38.1		ug/L		76	40 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	48		10 - 120
Phenol-d5	31		10 - 120
Nitrobenzene-d5	74		27 - 120
2-Fluorobiphenyl	72		29 - 120
2,4,6-Tribromophenol	66		10 - 120
Terphenyl-d14	91		13 - 120

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Lab Sample ID: 12C1173-BLK1

Matrix: Water

Analysis Batch: V003869

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C1173_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		03/07/12 14:00	03/07/12 15:08	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Butanol	110		70 - 130				03/07/12 14:00	03/07/12 15:08	1.00

Lab Sample ID: 12C1173-BS1

Matrix: Water

Analysis Batch: V003869

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C1173_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Glycol	50.0	44.3		mg/L		89	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Butanol	108		70 - 130

Lab Sample ID: 12C1173-MS1

Matrix: Water

Analysis Batch: V003869

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12C1173_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Matrix Spike Unit	D	%Rec	%Rec. Limits		
Ethylene Glycol	6.17		50.0	42.1		mg/L		72	41 - 139		
Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits								
n-Butanol	101		70 - 130								

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 8015B - Glycols by EPA Method 8015 (modified) (Continued)

Lab Sample ID: 12C1173-MSD1

Matrix: Water

Analysis Batch: V003869

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12C1173_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Glycol	6.17		50.0	47.7		mg/L		83	41 - 139	13	36
Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Matrix Spike Dup Limits								
n-Butanol	110		70 - 130								

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Lab Sample ID: 12C1011-BLK1

Matrix: Water

Analysis Batch: V003792

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C1011_P

Analysis Date: 06/06/12									
Analyte	Blank	Blank	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	ND		0.500	0.250	ug/L		03/06/12 11:15	03/07/12 04:21	1.00
PCB-1221	ND		0.500	0.250	ug/L		03/06/12 11:15	03/07/12 04:21	1.00
PCB-1232	ND		0.500	0.250	ug/L		03/06/12 11:15	03/07/12 04:21	1.00
PCB-1242	ND		0.500	0.250	ug/L		03/06/12 11:15	03/07/12 04:21	1.00
PCB-1248	ND		0.500	0.250	ug/L		03/06/12 11:15	03/07/12 04:21	1.00
PCB-1254	ND		0.500	0.250	ug/L		03/06/12 11:15	03/07/12 04:21	1.00
PCB-1260	ND		0.500	0.250	ug/L		03/06/12 11:15	03/07/12 04:21	1.00
Surrogate	Blank	Blank	Limits	Prepared	Analyzed	Dil Fac			
	%Recovery	Qualifier							
Tetrachloro-meta-xylene	100		17 - 142	03/06/12 11:15	03/07/12 04:21	1.00			
Decachlorobiphenyl	81		10 - 149	03/06/12 11:15	03/07/12 04:21	1.00			

Lab Sample ID: 12C1011-BS1

Matrix: Water

Analysis Batch: V003792

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C1011_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1248	5.00	5.10	MNR1	ug/L		102	11 - 150
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Tetrachloro-meta-xylene	103		17 - 142				
Decachlorobiphenyl	88		10 - 149				

Method: SW846 6020 - Total Metals by Method 6020

Lab Sample ID: 12C1344-BLK1

Matrix: Water

Analysis Batch: V004158

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C1344_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 13:24	1.00
Arsenic	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 13:24	1.00
Barium	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 13:24	1.00
Beryllium	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 13:24	1.00
Cadmium	ND		1.00	0.500	ug/L		03/12/12 08:01	03/12/12 13:24	1.00
Chromium	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 13:24	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 6020 - Total Metals by Method 6020 (Continued)

Lab Sample ID: 12C1344-BLK1

Matrix: Water

Analysis Batch: V004158

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C1344_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 13:24	1.00
Copper	ND		5.00	2.50	ug/L		03/12/12 08:01	03/12/12 13:24	1.00
Lead	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 13:24	1.00
Manganese	ND		5.00	2.50	ug/L		03/12/12 08:01	03/12/12 13:24	1.00
Nickel	ND		5.00	2.50	ug/L		03/12/12 08:01	03/12/12 13:24	1.00
Selenium	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 13:24	1.00
Silver	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 13:24	1.00
Thallium	ND		2.00	1.00	ug/L		03/12/12 08:01	03/12/12 13:24	1.00
Vanadium	ND		4.00	2.00	ug/L		03/12/12 08:01	03/12/12 13:24	1.00
Zinc	ND		50.0	25.0	ug/L		03/12/12 08:01	03/12/12 13:24	1.00

Lab Sample ID: 12C1344-BS1

Matrix: Water

Analysis Batch: V004158

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C1344_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	100	103		ug/L		103	80 - 120
Arsenic	100	99.4		ug/L		99	80 - 120
Barium	100	97.9		ug/L		98	80 - 120
Beryllium	100	100		ug/L		100	80 - 120
Cadmium	100	99.9		ug/L		100	80 - 120
Chromium	100	98.7		ug/L		99	80 - 120
Cobalt	100	95.0		ug/L		95	80 - 120
Copper	100	96.6		ug/L		97	80 - 120
Lead	100	99.1		ug/L		99	80 - 120
Manganese	100	98.1		ug/L		98	80 - 120
Nickel	100	97.9		ug/L		98	80 - 120
Selenium	100	98.4		ug/L		98	80 - 120
Silver	100	97.8		ug/L		98	80 - 120
Thallium	100	97.5		ug/L		98	80 - 120
Vanadium	100	99.6		ug/L		100	80 - 120
Zinc	100	99.8		ug/L		100	80 - 120

Lab Sample ID: 12C1344-MS1

Matrix: Water

Analysis Batch: V004158

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12C1344_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		100	103		ug/L		103	75 - 125
Arsenic	ND		100	99.0		ug/L		99	75 - 125
Barium	31.9		100	118		ug/L		86	75 - 125
Beryllium	ND		100	102		ug/L		102	75 - 125
Cadmium	ND		100	99.4		ug/L		99	75 - 125
Chromium	ND		100	97.4		ug/L		97	75 - 125
Cobalt	ND		100	92.0		ug/L		92	75 - 125
Copper	3.86		100	94.2		ug/L		90	75 - 125
Lead	ND		100	98.0		ug/L		98	75 - 125
Manganese	41.8		100	137		ug/L		96	75 - 125
Nickel	ND		100	94.9		ug/L		95	75 - 125
Selenium	ND		100	98.2		ug/L		98	75 - 125

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 6020 - Total Metals by Method 6020 (Continued)

Lab Sample ID: 12C1344-MS1

Matrix: Water

Analysis Batch: V004158

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12C1344_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	ND		100	98.4		ug/L		98	75 - 125
Thallium	ND		100	97.0		ug/L		97	75 - 125
Vanadium	ND		100	100		ug/L		100	75 - 125
Zinc	ND		100	97.6		ug/L		98	75 - 125

Lab Sample ID: 12C1344-MSD1

Matrix: Water

Analysis Batch: V004158

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12C1344_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		100	103		ug/L		103	75 - 125	0.4	20
Arsenic	ND		100	98.6		ug/L		99	75 - 125	0.4	20
Barium	31.9		100	118		ug/L		86	75 - 125	0.2	20
Beryllium	ND		100	99.0		ug/L		99	75 - 125	3	20
Cadmium	ND		100	101		ug/L		101	75 - 125	1	20
Chromium	ND		100	96.9		ug/L		97	75 - 125	0.5	20
Cobalt	ND		100	91.3		ug/L		91	75 - 125	0.8	20
Copper	3.86		100	93.4		ug/L		90	75 - 125	0.8	20
Lead	ND		100	98.2		ug/L		98	75 - 125	0.2	20
Manganese	41.8		100	137		ug/L		95	75 - 125	0.2	20
Nickel	ND		100	95.2		ug/L		95	75 - 125	0.3	20
Selenium	ND		100	99.5		ug/L		99	75 - 125	1	20
Silver	ND		100	98.0		ug/L		98	75 - 125	0.4	20
Thallium	ND		100	96.9		ug/L		97	75 - 125	0.04	20
Vanadium	ND		100	99.2		ug/L		99	75 - 125	1	20
Zinc	ND		100	96.2		ug/L		96	75 - 125	1	20

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Lab Sample ID: 12C1080-BLK1

Matrix: Water

Analysis Batch: 12C1080

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C1080_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		03/07/12 12:00	03/07/12 14:02	1.00

Lab Sample ID: 12C1080-BS1

Matrix: Water

Analysis Batch: 12C1080

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C1080_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00100	0.00101		mg/L		101	80 - 120

Lab Sample ID: 12C1080-MS1

Matrix: Water

Analysis Batch: 12C1080

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12C1080_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00100	0.00106		mg/L		106	75 - 125

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A (Continued)

Lab Sample ID: 12C1080-MSD1

Matrix: Water

Analysis Batch: 12C1080

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12C1080_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00100	0.00104		mg/L		104	75 - 125	2	20

Lab Sample ID: 12C1269-BLK1

Matrix: Water

Analysis Batch: 12C1269

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C1269_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		03/08/12 10:15	03/08/12 11:21	1.00

Lab Sample ID: 12C1269-BS1

Matrix: Water

Analysis Batch: 12C1269

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C1269_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00100	0.00104		mg/L		104	80 - 120

Lab Sample ID: 12C1269-BSD1

Matrix: Water

Analysis Batch: 12C1269

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12C1269_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.00100	0.00103		mg/L		103	80 - 120	1	20

Lab Sample ID: 12C1269-MS1

Matrix: Water

Analysis Batch: 12C1269

Client Sample ID: MW-04B-GW-001

Prep Type: Total

Prep Batch: 12C1269_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00100	0.00105		mg/L		105	75 - 125

Lab Sample ID: 12C1269-MSD1

Matrix: Water

Analysis Batch: 12C1269

Client Sample ID: MW-04B-GW-001

Prep Type: Total

Prep Batch: 12C1269_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00100	0.00105		mg/L		105	75 - 125	0.2	20

Method: SW846 7196A - General Chemistry Parameters

Lab Sample ID: 12C1072-BLK1

Matrix: Water

Analysis Batch: 12C1072

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C1072_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		0.0100	0.00500	mg/L		03/06/12 12:20	03/06/12 12:20	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 7196A - General Chemistry Parameters (Continued)

Lab Sample ID: 12C1072-BLK2

Matrix: Water

Analysis Batch: 12C1072

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C1072_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		0.0100	0.00500	mg/L		03/13/12 14:24	03/13/12 14:24	1.00

Lab Sample ID: 12C1072-BS1

Matrix: Water

Analysis Batch: 12C1072

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C1072_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	0.100	0.0974		mg/L		97	85 - 115

Lab Sample ID: 12C1072-BS2

Matrix: Water

Analysis Batch: 12C1072

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C1072_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	0.100	0.0940		mg/L		94	85 - 115

Lab Sample ID: 12C1072-MS1

Matrix: Water

Analysis Batch: 12C1072

Client Sample ID: MW-03B-GW-001

Prep Type: Total

Prep Batch: 12C1072_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	ND	M2 RL1	1.00	0.358	M2	mg/L		36	85 - 115

Lab Sample ID: 12C1072-MSD1

Matrix: Water

Analysis Batch: 12C1072

Client Sample ID: MW-03B-GW-001

Prep Type: Total

Prep Batch: 12C1072_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium (VI)	ND	M2 RL1	1.00	0.343	M2	mg/L		34	85 - 115	4	10

Lab Sample ID: 12C1072-DUP1

Matrix: Water

Analysis Batch: 12C1072

Client Sample ID: MW-03B-GW-001

Prep Type: Total

Prep Batch: 12C1072_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Chromium (VI)	ND	M2 RL1	ND	RL1	mg/L			10

Method: SW846 9012B - General Chemistry Parameters

Lab Sample ID: 12C1118-BLK1

Matrix: Water

Analysis Batch: 12C1118

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C1118_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		0.00500	0.00250	mg/L		03/08/12 18:45	03/09/12 08:44	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method: SW846 9012B - General Chemistry Parameters (Continued)

Lab Sample ID: 12C1118-BS1

Matrix: Water

Analysis Batch: 12C1118

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C1118_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	0.100	0.126	L1	mg/L	—	126	90 - 110

Lab Sample ID: 12C1118-MS1

Matrix: Water

Analysis Batch: 12C1118

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12C1118_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	ND		0.100	0.120		mg/L	—	120	70 - 130

Lab Sample ID: 12C1118-MSD1

Matrix: Water

Analysis Batch: 12C1118

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12C1118_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide	ND		0.100	0.0989		mg/L	—	99	70 - 130	19	20

Lab Sample ID: 12C1118-DUP1

Matrix: Water

Analysis Batch: 12C1118

Client Sample ID: Duplicate

Prep Type: Total

Prep Batch: 12C1118_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Cyanide	ND		ND		mg/L	—		20

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

GCMS Volatiles

Analysis Batch: V003994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0609-BLK1	Method Blank	Total	Water	SW846 8260B	12C0609_P
12C0609-BS1	Lab Control Sample	Total	Water	SW846 8260B	12C0609_P
12C0609-BSD1	Lab Control Sample Dup	Total	Water	SW846 8260B	12C0609_P
12C0609-MS1	Matrix Spike	Total	Water	SW846 8260B	12C0609_P
12C0609-MSD1	Matrix Spike Duplicate	Total	Water	SW846 8260B	12C0609_P
NWC0535-01	MW-03B-GW-001	Total	Ground Water	SW846 8260B	12C0609_P
NWC0535-03	MW-21-GW-001	Total	Ground Water	SW846 8260B	12C0609_P
NWC0535-04	Equip. Blank	Total	Water	SW846 8260B	12C0609_P
NWC0535-05	Field Blank	Total	Water	SW846 8260B	12C0609_P
NWC0535-06	Trip Blank	Total	Water	SW846 8260B	12C0609_P

Analysis Batch: V004001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C2913-BLK1	Method Blank	Total	Water	SW846 8260B	12C2913_P
12C2913-BS1	Lab Control Sample	Total	Water	SW846 8260B	12C2913_P
12C2913-BSD1	Lab Control Sample Dup	Total	Water	SW846 8260B	12C2913_P
12C2913-MS1	MW-21-GW-001	Total	Water	SW846 8260B	12C2913_P
12C2913-MSD1	MW-21-GW-001	Total	Water	SW846 8260B	12C2913_P
NWC0535-01 - RE1	MW-03B-GW-001	Total	Ground Water	SW846 8260B	12C2913_P
NWC0535-02 - RE1	MW-04B-GW-001	Total	Ground Water	SW846 8260B	12C2913_P
NWC0535-03 - RE1	MW-21-GW-001	Total	Ground Water	SW846 8260B	12C2913_P

Prep Batch: 12C0609_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C0609-BLK1	Method Blank	Total	Water	EPA 5030B	
12C0609-BS1	Lab Control Sample	Total	Water	EPA 5030B	
12C0609-BSD1	Lab Control Sample Dup	Total	Water	EPA 5030B	
12C0609-MS1	Matrix Spike	Total	Water	EPA 5030B	
12C0609-MSD1	Matrix Spike Duplicate	Total	Water	EPA 5030B	
NWC0535-01	MW-03B-GW-001	Total	Ground Water	EPA 5030B	
NWC0535-03	MW-21-GW-001	Total	Ground Water	EPA 5030B	
NWC0535-04	Equip. Blank	Total	Water	EPA 5030B	
NWC0535-05	Field Blank	Total	Water	EPA 5030B	
NWC0535-06	Trip Blank	Total	Water	EPA 5030B	

Prep Batch: 12C2913_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C2913-BLK1	Method Blank	Total	Water	EPA 5030B	
12C2913-BS1	Lab Control Sample	Total	Water	EPA 5030B	
12C2913-BSD1	Lab Control Sample Dup	Total	Water	EPA 5030B	
12C2913-MS1	MW-21-GW-001	Total	Water	EPA 5030B	
12C2913-MSD1	MW-21-GW-001	Total	Water	EPA 5030B	
NWC0535-01 - RE1	MW-03B-GW-001	Total	Ground Water	EPA 5030B	
NWC0535-02 - RE1	MW-04B-GW-001	Total	Ground Water	EPA 5030B	
NWC0535-03 - RE1	MW-21-GW-001	Total	Ground Water	EPA 5030B	

GCMS Semivolatiles

Analysis Batch: 12C1041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1041-BLK1	Method Blank	Total	Water	SW846 8270C	12C1041_P
12C1041-BS1	Lab Control Sample	Total	Water	SW846 8270C	12C1041_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

GCMS Semivolatiles (Continued)

Analysis Batch: 12C1041 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1041-BS2	Lab Control Sample	Total	Water	SW846 8270C	12C1041_P
NWC0535-01	MW-03B-GW-001	Total	Ground Water	SW846 8270C	12C1041_P
NWC0535-02	MW-04B-GW-001	Total	Ground Water	SW846 8270C	12C1041_P
NWC0535-03	MW-21-GW-001	Total	Ground Water	SW846 8270C	12C1041_P
NWC0535-04	Equip. Blank	Total	Water	SW846 8270C	12C1041_P
NWC0535-05	Field Blank	Total	Water	SW846 8270C	12C1041_P

Prep Batch: 12C1041_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1041-BLK1	Method Blank	Total	Water	EPA 3510C	
12C1041-BS1	Lab Control Sample	Total	Water	EPA 3510C	
12C1041-BS2	Lab Control Sample	Total	Water	EPA 3510C	
NWC0535-01	MW-03B-GW-001	Total	Ground Water	EPA 3510C	
NWC0535-02	MW-04B-GW-001	Total	Ground Water	EPA 3510C	
NWC0535-03	MW-21-GW-001	Total	Ground Water	EPA 3510C	
NWC0535-04	Equip. Blank	Total	Water	EPA 3510C	
NWC0535-05	Field Blank	Total	Water	EPA 3510C	

Pesticides

Analysis Batch: V003792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1011-BLK1	Method Blank	Total	Water	SW846 8082	12C1011_P
12C1011-BS1	Lab Control Sample	Total	Water	SW846 8082	12C1011_P
NWC0535-01	MW-03B-GW-001	Total	Ground Water	SW846 8082	12C1011_P
NWC0535-02	MW-04B-GW-001	Total	Ground Water	SW846 8082	12C1011_P
NWC0535-03	MW-21-GW-001	Total	Ground Water	SW846 8082	12C1011_P
NWC0535-04	Equip. Blank	Total	Water	SW846 8082	12C1011_P
NWC0535-05	Field Blank	Total	Water	SW846 8082	12C1011_P

Analysis Batch: V003869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1173-BLK1	Method Blank	Total	Water	SW846 8015B	12C1173_P
12C1173-BS1	Lab Control Sample	Total	Water	SW846 8015B	12C1173_P
12C1173-MS1	Matrix Spike	Total	Water	SW846 8015B	12C1173_P
12C1173-MSD1	Matrix Spike Duplicate	Total	Water	SW846 8015B	12C1173_P
NWC0535-01	MW-03B-GW-001	Total	Ground Water	SW846 8015B	12C1173_P
NWC0535-02	MW-04B-GW-001	Total	Ground Water	SW846 8015B	12C1173_P
NWC0535-03	MW-21-GW-001	Total	Ground Water	SW846 8015B	12C1173_P
NWC0535-04	Equip. Blank	Total	Water	SW846 8015B	12C1173_P
NWC0535-05	Field Blank	Total	Water	SW846 8015B	12C1173_P

Prep Batch: 12C1011_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1011-BLK1	Method Blank	Total	Water	EPA 3510C/3665A	
12C1011-BS1	Lab Control Sample	Total	Water	EPA 3510C/3665A	
NWC0535-01	MW-03B-GW-001	Total	Ground Water	EPA 3510C/3665A	
NWC0535-02	MW-04B-GW-001	Total	Ground Water	EPA 3510C/3665A	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Pesticides (Continued)

Prep Batch: 12C1011_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWC0535-03	MW-21-GW-001	Total	Ground Water	EPA 3510C/3665A	
NWC0535-04	Equip. Blank	Total	Water	EPA 3510C/3665A	
NWC0535-05	Field Blank	Total	Water	EPA 3510C/3665A	

Prep Batch: 12C1173_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1173-BLK1	Method Blank	Total	Water	NO PREP-PEST	
12C1173-BS1	Lab Control Sample	Total	Water	NO PREP-PEST	
12C1173-MS1	Matrix Spike	Total	Water	NO PREP-PEST	
12C1173-MSD1	Matrix Spike Duplicate	Total	Water	NO PREP-PEST	
NWC0535-01	MW-03B-GW-001	Total	Ground Water	NO PREP-PEST	
NWC0535-02	MW-04B-GW-001	Total	Ground Water	NO PREP-PEST	
NWC0535-03	MW-21-GW-001	Total	Ground Water	NO PREP-PEST	
NWC0535-04	Equip. Blank	Total	Water	NO PREP-PEST	
NWC0535-05	Field Blank	Total	Water	NO PREP-PEST	

Metals

Analysis Batch: 12C1080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1080-BLK1	Method Blank	Total	Water	SW846 7470A	12C1080_P
12C1080-BS1	Lab Control Sample	Total	Water	SW846 7470A	12C1080_P
12C1080-MS1	Matrix Spike	Total	Water	SW846 7470A	12C1080_P
12C1080-MSD1	Matrix Spike Duplicate	Total	Water	SW846 7470A	12C1080_P
NWC0535-01	MW-03B-GW-001	Total	Ground Water	SW846 7470A	12C1080_P

Analysis Batch: 12C1269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1269-BLK1	Method Blank	Total	Water	SW846 7470A	12C1269_P
12C1269-BS1	Lab Control Sample	Total	Water	SW846 7470A	12C1269_P
12C1269-BSD1	Lab Control Sample Dup	Total	Water	SW846 7470A	12C1269_P
12C1269-MS1	MW-04B-GW-001	Total	Water	SW846 7470A	12C1269_P
12C1269-MSD1	MW-04B-GW-001	Total	Water	SW846 7470A	12C1269_P
NWC0535-02	MW-04B-GW-001	Total	Ground Water	SW846 7470A	12C1269_P
NWC0535-03	MW-21-GW-001	Total	Ground Water	SW846 7470A	12C1269_P
NWC0535-04	Equip. Blank	Total	Water	SW846 7470A	12C1269_P
NWC0535-05	Field Blank	Total	Water	SW846 7470A	12C1269_P

Analysis Batch: V004158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1344-BLK1	Method Blank	Total	Water	SW846 6020	12C1344_P
12C1344-BS1	Lab Control Sample	Total	Water	SW846 6020	12C1344_P
12C1344-MS1	Matrix Spike	Total	Water	SW846 6020	12C1344_P
12C1344-MSD1	Matrix Spike Duplicate	Total	Water	SW846 6020	12C1344_P
NWC0535-01	MW-03B-GW-001	Total	Ground Water	SW846 6020	12C1344_P
NWC0535-01 - RE1	MW-03B-GW-001	Total	Ground Water	SW846 6020	12C1344_P
NWC0535-02	MW-04B-GW-001	Total	Ground Water	SW846 6020	12C1344_P
NWC0535-02 - RE1	MW-04B-GW-001	Total	Ground Water	SW846 6020	12C1344_P
NWC0535-03	MW-21-GW-001	Total	Ground Water	SW846 6020	12C1344_P
NWC0535-03 - RE1	MW-21-GW-001	Total	Ground Water	SW846 6020	12C1344_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Metals (Continued)

Analysis Batch: V004158 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWC0535-04	Equip. Blank	Total	Water	SW846 6020	12C1344_P
NWC0535-05	Field Blank	Total	Water	SW846 6020	12C1344_P

Prep Batch: 12C1080_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1080-BLK1	Method Blank	Total	Water	EPA 7470	
12C1080-BS1	Lab Control Sample	Total	Water	EPA 7470	
12C1080-MS1	Matrix Spike	Total	Water	EPA 7470	
12C1080-MSD1	Matrix Spike Duplicate	Total	Water	EPA 7470	
NWC0535-01	MW-03B-GW-001	Total	Ground Water	EPA 7470	

Prep Batch: 12C1269_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1269-BLK1	Method Blank	Total	Water	EPA 7470	
12C1269-BS1	Lab Control Sample	Total	Water	EPA 7470	
12C1269-BSD1	Lab Control Sample Dup	Total	Water	EPA 7470	
12C1269-MS1	MW-04B-GW-001	Total	Water	EPA 7470	
12C1269-MSD1	MW-04B-GW-001	Total	Water	EPA 7470	
NWC0535-02	MW-04B-GW-001	Total	Ground Water	EPA 7470	
NWC0535-03	MW-21-GW-001	Total	Ground Water	EPA 7470	
NWC0535-04	Equip. Blank	Total	Water	EPA 7470	
NWC0535-05	Field Blank	Total	Water	EPA 7470	

Prep Batch: 12C1344_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1344-BLK1	Method Blank	Total	Water	EPA 3010A / 6020	
12C1344-BS1	Lab Control Sample	Total	Water	EPA 3010A / 6020	
12C1344-MS1	Matrix Spike	Total	Water	EPA 3010A / 6020	
12C1344-MSD1	Matrix Spike Duplicate	Total	Water	EPA 3010A / 6020	
NWC0535-01	MW-03B-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0535-01 - RE1	MW-03B-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0535-02	MW-04B-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0535-02 - RE1	MW-04B-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0535-03	MW-21-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0535-03 - RE1	MW-21-GW-001	Total	Ground Water	EPA 3010A / 6020	
NWC0535-04	Equip. Blank	Total	Water	EPA 3010A / 6020	
NWC0535-05	Field Blank	Total	Water	EPA 3010A / 6020	

WetChem

Analysis Batch: 12C1072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1072-BLK1	Method Blank	Total	Water	SW846 7196A	12C1072_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

WetChem (Continued)

Analysis Batch: 12C1072 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1072-BLK2	Method Blank	Total	Water	SW846 7196A	12C1072_P
12C1072-BS1	Lab Control Sample	Total	Water	SW846 7196A	12C1072_P
12C1072-BS2	Lab Control Sample	Total	Water	SW846 7196A	12C1072_P
12C1072-DUP1	MW-03B-GW-001	Total	Water	SW846 7196A	12C1072_P
12C1072-MS1	MW-03B-GW-001	Total	Water	SW846 7196A	12C1072_P
12C1072-MSD1	MW-03B-GW-001	Total	Water	SW846 7196A	12C1072_P
NWC0535-01	MW-03B-GW-001	Total	Ground Water	SW846 7196A	12C1072_P
NWC0535-02	MW-04B-GW-001	Total	Ground Water	SW846 7196A	12C1072_P
NWC0535-03	MW-21-GW-001	Total	Ground Water	SW846 7196A	12C1072_P
NWC0535-04	Equip. Blank	Total	Water	SW846 7196A	12C1072_P
NWC0535-05	Field Blank	Total	Water	SW846 7196A	12C1072_P

Analysis Batch: 12C1118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1118-BLK1	Method Blank	Total	Water	SW846 9012B	12C1118_P
12C1118-BS1	Lab Control Sample	Total	Water	SW846 9012B	12C1118_P
12C1118-DUP1	Duplicate	Total	Water	SW846 9012B	12C1118_P
12C1118-MS1	Matrix Spike	Total	Water	SW846 9012B	12C1118_P
12C1118-MSD1	Matrix Spike Duplicate	Total	Water	SW846 9012B	12C1118_P
NWC0535-01	MW-03B-GW-001	Total	Ground Water	SW846 9012B	12C1118_P
NWC0535-02	MW-04B-GW-001	Total	Ground Water	SW846 9012B	12C1118_P
NWC0535-03	MW-21-GW-001	Total	Ground Water	SW846 9012B	12C1118_P
NWC0535-04	Equip. Blank	Total	Water	SW846 9012B	12C1118_P
NWC0535-05	Field Blank	Total	Water	SW846 9012B	12C1118_P

Prep Batch: 12C1072_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1072-BLK1	Method Blank	Total	Water	NO PREP	
12C1072-BLK2	Method Blank	Total	Water	NO PREP	
12C1072-BS1	Lab Control Sample	Total	Water	NO PREP	
12C1072-BS2	Lab Control Sample	Total	Water	NO PREP	
12C1072-DUP1	MW-03B-GW-001	Total	Water	NO PREP	
12C1072-MS1	MW-03B-GW-001	Total	Water	NO PREP	
12C1072-MSD1	MW-03B-GW-001	Total	Water	NO PREP	
NWC0535-01	MW-03B-GW-001	Total	Ground Water	NO PREP	
NWC0535-02	MW-04B-GW-001	Total	Ground Water	NO PREP	
NWC0535-03	MW-21-GW-001	Total	Ground Water	NO PREP	
NWC0535-04	Equip. Blank	Total	Water	NO PREP	
NWC0535-05	Field Blank	Total	Water	NO PREP	

Prep Batch: 12C1118_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C1118-BLK1	Method Blank	Total	Water	NO PREP	
12C1118-BS1	Lab Control Sample	Total	Water	NO PREP	
12C1118-DUP1	Duplicate	Total	Water	NO PREP	
12C1118-MS1	Matrix Spike	Total	Water	NO PREP	
12C1118-MSD1	Matrix Spike Duplicate	Total	Water	NO PREP	
NWC0535-01	MW-03B-GW-001	Total	Ground Water	NO PREP	
NWC0535-02	MW-04B-GW-001	Total	Ground Water	NO PREP	
NWC0535-03	MW-21-GW-001	Total	Ground Water	NO PREP	
NWC0535-04	Equip. Blank	Total	Water	NO PREP	
NWC0535-05	Field Blank	Total	Water	NO PREP	

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: MW-03B-GW-001

Lab Sample ID: NWC0535-01

Date Collected: 03/05/12 17:58

Matrix: Ground Water

Date Received: 03/06/12 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C0609_P	03/07/12 20:10	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V003994	03/08/12 01:47	QJK	TAL NSH
Total	Prep	EPA 5030B	RE1	1.00	12C2913_P	03/07/12 15:00	JPH	TAL NSH
Total	Analysis	SW846 8260B	RE1	10.0	V004001	03/08/12 16:03	QJK	TAL NSH
Total	Prep	EPA 3510C		0.943	12C1041_P	03/06/12 12:05	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12C1041	03/06/12 20:44	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12C1173_P	03/07/12 14:00	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V003869	03/07/12 17:26	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A		0.943	12C1011_P	03/06/12 11:15	CBB	TAL NSH
Total	Analysis	SW846 8082		1.00	V003792	03/07/12 05:04	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12C1344_P	03/12/12 08:01	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	V004158	03/12/12 13:48	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12C1080_P	03/07/12 12:00	MB	TAL NSH
Total	Analysis	SW846 7470A		1.00	12C1080	03/07/12 14:22	MB	TAL NSH
Total	Prep	EPA 3010A / 6020	RE1	1.00	12C1344_P	03/12/12 08:01	MET	TAL NSH
Total	Analysis	SW846 6020	RE1	10.0	V004158	03/12/12 14:21	MET	TAL NSH
Total	Analysis	SW846 7196A		10.0	12C1072	03/06/12 12:20	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12C1072_P	03/06/12 12:20	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12C1118_P	03/08/12 18:45	JDJ	TAL NSH
Total	Analysis	SW846 9012B		1.00	12C1118	03/09/12 08:54	MLM	TAL NSH

Client Sample ID: MW-04B-GW-001

Lab Sample ID: NWC0535-02

Date Collected: 03/05/12 14:22

Matrix: Ground Water

Date Received: 03/06/12 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B	RE1	1.00	12C2913_P	03/07/12 15:00	JPH	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	V004001	03/08/12 15:35	QJK	TAL NSH
Total	Prep	EPA 3510C		0.943	12C1041_P	03/06/12 12:05	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12C1041	03/06/12 21:04	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12C1173_P	03/07/12 14:00	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V003869	03/07/12 17:41	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A		0.943	12C1011_P	03/06/12 11:15	CBB	TAL NSH
Total	Analysis	SW846 8082		1.00	V003792	03/07/12 05:26	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12C1344_P	03/12/12 08:01	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	V004158	03/12/12 13:51	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12C1269_P	03/08/12 10:15	MB	TAL NSH
Total	Analysis	SW846 7470A		1.00	12C1269	03/08/12 11:28	MB	TAL NSH
Total	Prep	EPA 3010A / 6020	RE1	1.00	12C1344_P	03/12/12 08:01	MET	TAL NSH
Total	Analysis	SW846 6020	RE1	5.00	V004158	03/12/12 14:25	MET	TAL NSH
Total	Analysis	SW846 7196A		10.0	12C1072	03/06/12 12:20	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12C1072_P	03/06/12 12:20	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12C1118_P	03/08/12 18:45	JDJ	TAL NSH
Total	Analysis	SW846 9012B		1.00	12C1118	03/09/12 08:55	MLM	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: MW-21-GW-001

Lab Sample ID: NWC0535-03

Date Collected: 03/05/12 00:01

Matrix: Ground Water

Date Received: 03/06/12 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C0609_P	03/07/12 20:10	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V003994	03/08/12 02:43	QJK	TAL NSH
Total	Prep	EPA 5030B	RE1	1.00	12C2913_P	03/07/12 15:00	JPH	TAL NSH
Total	Analysis	SW846 8260B	RE1	10.0	V004001	03/08/12 17:00	QJK	TAL NSH
Total	Prep	EPA 3510C		0.943	12C1041_P	03/06/12 12:05	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12C1041	03/06/12 21:24	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12C1173_P	03/07/12 14:00	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V003869	03/07/12 17:56	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A		0.943	12C1011_P	03/06/12 11:15	CBB	TAL NSH
Total	Analysis	SW846 8082		1.00	V003792	03/07/12 05:47	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12C1344_P	03/12/12 08:01	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	V004158	03/12/12 14:02	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12C1269_P	03/08/12 10:15	MB	TAL NSH
Total	Analysis	SW846 7470A		1.00	12C1269	03/08/12 11:39	MB	TAL NSH
Total	Prep	EPA 3010A / 6020	RE1	1.00	12C1344_P	03/12/12 08:01	MET	TAL NSH
Total	Analysis	SW846 6020	RE1	10.0	V004158	03/12/12 14:29	MET	TAL NSH
Total	Analysis	SW846 7196A		10.0	12C1072	03/06/12 12:20	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12C1072_P	03/06/12 12:20	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12C1118_P	03/08/12 18:45	JDJ	TAL NSH
Total	Analysis	SW846 9012B		1.00	12C1118	03/09/12 08:56	MLM	TAL NSH

Client Sample ID: Equip. Blank

Lab Sample ID: NWC0535-04

Date Collected: 03/05/12 14:52

Matrix: Water

Date Received: 03/06/12 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C0609_P	03/07/12 20:10	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V003994	03/08/12 01:19	QJK	TAL NSH
Total	Prep	EPA 3510C		0.943	12C1041_P	03/06/12 12:05	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12C1041	03/06/12 21:44	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12C1173_P	03/07/12 14:00	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V003869	03/07/12 18:12	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A		0.943	12C1011_P	03/06/12 11:15	CBB	TAL NSH
Total	Analysis	SW846 8082		1.00	V003792	03/07/12 06:09	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12C1344_P	03/12/12 08:01	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	V004158	03/12/12 14:06	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12C1269_P	03/08/12 10:15	MB	TAL NSH
Total	Analysis	SW846 7470A		1.00	12C1269	03/08/12 11:42	MB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12C1072	03/06/12 12:20	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12C1072_P	03/06/12 12:20	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12C1118_P	03/08/12 18:45	JDJ	TAL NSH
Total	Analysis	SW846 9012B		1.00	12C1118	03/09/12 08:56	MLM	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Client Sample ID: Field Blank

Lab Sample ID: NWC0535-05

Date Collected: 03/05/12 15:18

Matrix: Water

Date Received: 03/06/12 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C0609_P	03/07/12 20:10	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V003994	03/08/12 00:51	QJK	TAL NSH
Total	Prep	EPA 3510C		0.943	12C1041_P	03/06/12 12:05	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12C1041	03/06/12 22:03	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12C1173_P	03/07/12 14:00	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V003869	03/07/12 18:27	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A		0.943	12C1011_P	03/06/12 11:15	CBB	TAL NSH
Total	Analysis	SW846 8082		1.00	V003792	03/07/12 06:31	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12C1344_P	03/12/12 08:01	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	V004158	03/12/12 14:09	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12C1269_P	03/08/12 10:15	MB	TAL NSH
Total	Analysis	SW846 7470A		1.00	12C1269	03/08/12 11:44	MB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12C1072	03/06/12 12:20	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12C1072_P	03/06/12 12:20	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12C1118_P	03/08/12 18:45	JDJ	TAL NSH
Total	Analysis	SW846 9012B		1.00	12C1118	03/09/12 08:57	MLM	TAL NSH

Client Sample ID: Trip Blank

Lab Sample ID: NWC0535-06

Date Collected: 03/05/12 00:01

Matrix: Water

Date Received: 03/06/12 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C0609_P	03/07/12 20:10	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V003994	03/07/12 23:55	QJK	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Method Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Method	Method Description	Protocol	Laboratory
SW846 8260B	Volatile Organic Compounds by EPA Method 8260B		TAL NSH
SW846 8270C	Semivolatile Organic Compounds by EPA Method 8270C		TAL NSH
SW846 8015B	Glycols by EPA Method 8015 (modified)		TAL NSH
SW846 8082	Polychlorinated Biphenyls by EPA Method 8082		TAL NSH
SW846 6020	Total Metals by Method 6020		TAL NSH
SW846 7470A	Mercury by EPA Methods 7470A/7471A		TAL NSH
SW846 7196A	General Chemistry Parameters		TAL NSH
SW846 9012B	General Chemistry Parameters		TAL NSH

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Certification Summary

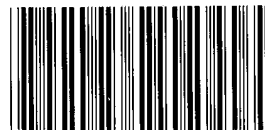
Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWC0535

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Nashville		ACIL		393
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska (UST)	State Program	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas DEQ	State Program	6	88-0737
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Canadian Assoc Lab Accred (CALA)	Canada		3744
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Florida	NELAC	4	E87358
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Kentucky (UST)	State Program	4	19
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Louisiana	NELAC	6	LA110014
TestAmerica Nashville	Maryland	State Program	3	316
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana (UST)	State Program	8	NA
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina DENR	State Program	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio VAP	State Program	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	USDA	Federal		S-48469
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	NELAC Secondary AB	3	460152
TestAmerica Nashville	Virginia	State Program	3	00323
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia DEP	State Program	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430
TestAmerica Nashville	Wyoming (UST)	A2LA	8	453.07

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

COOLER F



Cooler Received/Opened On 3/6/2012 @ 8:15

NWC0535

1. Tracking # 4991 (last 4 digits, Fedl

Courier: FEDEX IR Gun ID 12080142

2. Temperature of rep. sample or temp blank when opened: 3.9 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 2 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) LG

7. Were custody seals on containers: 3/6/12 YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) LG

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) LG

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) LG

I certify that I attached a label with the unique LIMS number to each container (initial) LG

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# -

COOLER RECEIPT FORM

NWC0535

03/15/12 23:59

Cooler Received/Opened On 3/6/2012 @ 8:15

1. Tracking # 4980 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 12080142

2. Temperature of rep. sample or temp blank when opened: 3.9 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...☒...NO...NA

4. Were custody seals on outside of cooler? YES...☒...NO...NA

If yes, how many and where: 2 front

5. Were the seals intact, signed, and dated correctly? YES...☒...NO...NA

6. Were custody papers inside cooler? YES...☒...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) LG

7. Were custody seals on containers: YES ☒ and Intact YES...☒...NO...NA

Were these signed and dated correctly? YES...☒...NO...NA

8. Packing mat'l used? ☒ Bubblewrap ☒ Plastic bag ☐ Peanuts ☐ Vermiculite ☐ Foam Insert ☐ Paper ☐ Other ☐ None

9. Cooling process: ☒ Ice ☐ Ice-pack ☐ Ice (direct contact) ☐ Dry ice ☐ Other ☐ None

10. Did all containers arrive in good condition (unbroken)? YES...☒...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...☒...NO...NA

12. Did all container labels and tags agree with custody papers? YES...☒...NO...NA

13a. Were VOA vials received? YES...☒...NO...NA 3/6/12

b. Was there any observable headspace present in any VOA vial? YES...☒...NO...NA

14. Was there a Trip Blank in this cooler? YES...☒...NO...NA If multiple coolers, sequence # 2

I certify that I unloaded the cooler and answered questions 7-14 (initial) LG

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...☒...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...☒...NO...NA

16. Was residual chlorine present? YES...☒...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) LG

17. Were custody papers properly filled out (ink, signed, etc)? YES...☒...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...☒...NO...NA

19. Were correct containers used for the analysis requested? YES...☒...NO...NA

20. Was sufficient amount of sample sent in each container? YES...☒...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) LG

I certify that I attached a label with the unique LIMS number to each container (initial) LG

21. Were there Non-Conformance issues at login? YES...☒...NO...NA Was a PIPE generated? YES...☒...NO...NA

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax: (615) 726-3404

Client: Haley & Aldrich (Lenexa)
"Reg District (CA)"

Address: 8735 Rosehill Road, Suite 340

City, State, Zip: Lenexa KS

66215-6949

Client Invoice Contact: Accounts Payable

Client Project Mgr: Marriuth Gruis

Client Telephone#: (913) 217-6907

Fax: (913) 217-6957

Sampler Name (Print)

Sampler Signature:

TA Account #: 532031

Invoice to: Haley & Aldrich

Report to: Marriuth Gruis

Project Name: Leeds Facility

Facility ID: [none]

Reg District (CA):

Site Address:

City, State, Zip:

PO #:

Page 1 of 1

NWC0535

03/15/12 23:59

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Preservative										Matrix						Analyze for										RUSH TAT (Pre Schedule)*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				Grab	Composite	Field Filtered	Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	8015B Ethylene Glycol	8082 PCBs	8260B Extended List VOA	8270C Extended SVOA	Chromium, Hexavalent by EPA 7196	Cyanide Total 9012B	AL MET WATER 6020/6010B/7470A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 28481

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
<i>[Signature]</i>	3/5/12	1945						

Shipped Via:	Shipped Via:	QC Deliverables (Please Circle One):	Date Due of Report:
		Level 2 Level 3 Level 4 Site Specific	

Received for TestAmerica by:	Date:	Time:	Temperature Upon Receipt:	Sample Containers Intact?	VOCs Free of Headspace?	Project Manager or attach specific instructions
<i>[Signature]</i>	3/6/12	085	39	Y	N	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

2960 Foster Creighton Road

Nashville, TN 37204

Tel: 800-765-0980

TestAmerica Job ID: NWD0025

Client Project/Site: [none]

Client Project Description: Leeds Facility

For:

Haley & Aldrich (Lenexa)

8735 Rosehill Road, Suite 340

Lenexa, KS 66215-6949

Attn: Mariruth Gruis

Roxanne L. Connor

Authorized for release by:

4/11/2012 4:15:00 PM

Roxanne Connor

Program Manager - Conventional Accounts

roxanne.connor@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Sample Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
NWD0025-01	TP-18-GW-040212-23	Water	04/02/12 15:06	04/03/12 08:00
NWD0025-02	TP-19-EB-040212-00	Water	04/02/12 13:32	04/03/12 08:00
NWD0025-03	Trip Blank	Water	04/02/12 00:01	04/03/12 08:00

Definitions/Glossary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Analyte was detected in the associated Method Blank.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.

GCMS Semivolatiles

Qualifier	Qualifier Description
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Pesticides

Qualifier	Qualifier Description
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Analyte was detected in the associated Method Blank.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
R3	The RPD exceeded the acceptance limit due to sample matrix effects.

WetChem

Qualifier	Qualifier Description
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
H2	Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Client Sample ID: TP-18-GW-040212-23

Lab Sample ID: NWD0025-01

Date Collected: 04/02/12 15:06

Matrix: Water

Date Received: 04/03/12 08:00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Benzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Bromoform	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Chloroform	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Ethylbenzene	0.750	J	1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Isopropylbenzene	0.550	J	1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
n-Propylbenzene	2.31		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Styrene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Tetrahydrofuran	ND	L	20.0	10.0	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Toluene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/03/12 11:59	04/05/12 23:33	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 23:33	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Client Sample ID: TP-18-GW-040212-23

Lab Sample ID: NWD0025-01

Date Collected: 04/02/12 15:06

Matrix: Water

Date Received: 04/03/12 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	92		70 - 130	04/03/12 11:59	04/05/12 23:33	1.00
Dibromofluoromethane	107		70 - 130	04/03/12 11:59	04/05/12 23:33	1.00
Toluene-d8	97		70 - 130	04/03/12 11:59	04/05/12 23:33	1.00
4-Bromofluorobenzene	86		70 - 130	04/03/12 11:59	04/05/12 23:33	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.22	J	1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Acenaphthylene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Acetophenone	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Anthracene	1.03	J	1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Atrazine	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Benzaldehyde	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Benzo (a) anthracene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Benzo (a) pyrene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Benzo (b) fluoranthene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Benzo (g,h,i) perylene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Benzo (k) fluoranthene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Biphenyl	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
4-Bromophenyl phenyl ether	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Butyl benzyl phthalate	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Caprolactam	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Carbazole	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
4-Chloro-3-methylphenol	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
4-Chloroaniline	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Bis(2-chloroethoxy)methane	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Bis(2-chloroethyl)ether	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Bis(2-chloroisopropyl)ether	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
2-Chloronaphthalene	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
2-Chlorophenol	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
4-Chlorophenyl phenyl ether	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Chrysene	1.03	J	1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Dibenz (a,h) anthracene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Dibenzofuran	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Di-n-butyl phthalate	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
3,3-Dichlorobenzidine	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
2,4-Dichlorophenol	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Diethyl phthalate	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
2,4-Dimethylphenol	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Dimethyl phthalate	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
4,6-Dinitro-2-methylphenol	ND		23.8	12.4	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
2,4-Dinitrophenol	ND		23.8	12.4	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
2,4-Dinitrotoluene	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
2,6-Dinitrotoluene	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Di-n-octyl phthalate	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Bis(2-ethylhexyl)phthalate	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Fluoranthene	2.74		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Fluorene	1.23	J	1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Hexachlorobenzene	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Hexachlorobutadiene	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Hexachlorocyclopentadiene	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Hexachloroethane	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Client Sample ID: TP-18-GW-040212-23

Lab Sample ID: NWD0025-01

Date Collected: 04/02/12 15:06

Matrix: Water

Date Received: 04/03/12 08:00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Isophorone	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
2-Methylnaphthalene	2.12		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
2-Methylphenol	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
3/4-Methylphenol	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Naphthalene	1.57	J	1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
4-Nitroaniline	ND		23.8	12.4	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
2-Nitroaniline	ND		23.8	12.4	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
3-Nitroaniline	ND		23.8	12.4	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Nitrobenzene	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
2-Nitrophenol	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
4-Nitrophenol	ND		23.8	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
N-Nitrosodiphenylamine	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
N-Nitrosodi-n-propylamine	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Pentachlorophenol	ND		23.8	12.4	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Phenanthrene	3.38		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Phenol	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
Pyrene	1.93		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
2,4,6-Trichlorophenol	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:39	1.00
2,4,5-Trichlorophenol	ND		23.8	12.4	ug/L		04/04/12 06:50	04/05/12 20:39	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	33		10 - 120	04/04/12 06:50	04/05/12 20:39	1.00
Phenol-d5	21		10 - 120	04/04/12 06:50	04/05/12 20:39	1.00
Nitrobenzene-d5	57		27 - 120	04/04/12 06:50	04/05/12 20:39	1.00
2-Fluorobiphenyl	56		29 - 120	04/04/12 06:50	04/05/12 20:39	1.00
2,4,6-Tribromophenol	63		10 - 120	04/04/12 06:50	04/05/12 20:39	1.00
Terphenyl-d14	45		13 - 120	04/04/12 06:50	04/05/12 20:39	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		04/03/12 15:40	04/03/12 19:11	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	118		70 - 130	04/03/12 15:40	04/03/12 19:11	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.476	0.238	ug/L		04/07/12 10:30	04/10/12 16:16	1.00
PCB-1221	ND		0.476	0.238	ug/L		04/07/12 10:30	04/10/12 16:16	1.00
PCB-1232	ND		0.476	0.238	ug/L		04/07/12 10:30	04/10/12 16:16	1.00
PCB-1242	ND		0.476	0.238	ug/L		04/07/12 10:30	04/10/12 16:16	1.00
PCB-1248	ND		0.476	0.238	ug/L		04/07/12 10:30	04/10/12 16:16	1.00
PCB-1254	ND		0.476	0.238	ug/L		04/07/12 10:30	04/10/12 16:16	1.00
PCB-1260	ND		0.476	0.238	ug/L		04/07/12 10:30	04/10/12 16:16	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	93		17 - 142	04/07/12 10:30	04/10/12 16:16	1.00
Decachlorobiphenyl	35		10 - 149	04/07/12 10:30	04/10/12 16:16	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Client Sample ID: TP-18-GW-040212-23

Lab Sample ID: NWD0025-01

Date Collected: 04/02/12 15:06

Matrix: Water

Date Received: 04/03/12 08:00

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.46		2.00	1.00	ug/L		04/06/12 08:09	04/06/12 16:08	1.00
Arsenic	108		2.00	1.00	ug/L		04/06/12 08:09	04/06/12 16:08	1.00
Beryllium	1.12	J	2.00	1.00	ug/L		04/06/12 08:09	04/06/12 16:08	1.00
Cadmium	56.8		1.00	0.500	ug/L		04/06/12 08:09	04/06/12 16:08	1.00
Chromium	24.7		2.00	1.00	ug/L		04/06/12 08:09	04/06/12 16:08	1.00
Cobalt	15.2		2.00	1.00	ug/L		04/06/12 08:09	04/06/12 16:08	1.00
Copper	103		5.00	2.50	ug/L		04/06/12 08:09	04/06/12 16:08	1.00
Iron	12400		50.0	25.0	ug/L		04/06/12 08:09	04/06/12 16:08	1.00
Nickel	19.6		5.00	2.50	ug/L		04/06/12 08:09	04/06/12 16:08	1.00
Selenium	ND		2.00	1.00	ug/L		04/06/12 08:09	04/06/12 16:08	1.00
Thallium	ND		2.00	1.00	ug/L		04/06/12 08:09	04/06/12 16:08	1.00
Vanadium	26.9		4.00	2.00	ug/L		04/06/12 08:09	04/06/12 16:08	1.00
Zinc	416		50.0	25.0	ug/L		04/06/12 08:09	04/06/12 16:08	1.00

Method: SW846 6020 - Total Metals by Method 6020 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		2.00	1.00	ug/L		04/06/12 08:09	04/07/12 18:56	1.00

Method: SW846 6020 - Total Metals by Method 6020 - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	3770		10.0	5.00	ug/L		04/06/12 08:09	04/07/12 19:00	5.00
Lead	765		10.0	5.00	ug/L		04/06/12 08:09	04/07/12 19:00	5.00

Method: SW846 6020 - Total Metals by Method 6020 - RE3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	13600	B	100	50.0	ug/L		04/06/12 08:09	04/07/12 19:03	20.0

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		04/05/12 06:10	04/05/12 12:29	1.00

Method: SW846 7196A - General Chemistry Parameters - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND	H2	0.200	0.100	mg/L		04/03/12 13:04	04/10/12 10:51	20.0

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	0.00335	J	0.00500	0.00250	mg/L		04/05/12 15:30	04/10/12 12:37	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Client Sample ID: TP-19-EB-040212-00

Lab Sample ID: NWD0025-02

Date Collected: 04/02/12 13:32

Matrix: Water

Date Received: 04/03/12 08:00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Benzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Bromoform	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Chloroform	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Styrene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Tetrahydrofuran	ND	L	20.0	10.0	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Toluene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/03/12 11:59	04/06/12 00:01	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/06/12 00:01	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Client Sample ID: TP-19-EB-040212-00

Lab Sample ID: NWD0025-02

Date Collected: 04/02/12 13:32

Matrix: Water

Date Received: 04/03/12 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	93		70 - 130	04/03/12 11:59	04/06/12 00:01	1.00
Dibromofluoromethane	108		70 - 130	04/03/12 11:59	04/06/12 00:01	1.00
Toluene-d8	98		70 - 130	04/03/12 11:59	04/06/12 00:01	1.00
4-Bromofluorobenzene	87		70 - 130	04/03/12 11:59	04/06/12 00:01	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Acenaphthylene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Acetophenone	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Anthracene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Atrazine	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Benzaldehyde	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Benzo (a) anthracene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Benzo (a) pyrene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Benzo (b) fluoranthene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Benzo (g,h,i) perylene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Benzo (k) fluoranthene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Biphenyl	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
4-Bromophenyl phenyl ether	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Butyl benzyl phthalate	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Caprolactam	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Carbazole	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
4-Chloro-3-methylphenol	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
4-Chloroaniline	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Bis(2-chloroethoxy)methane	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Bis(2-chloroethyl)ether	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Bis(2-chloroisopropyl)ether	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
2-Chloronaphthalene	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
2-Chlorophenol	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
4-Chlorophenyl phenyl ether	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Chrysene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Dibenz (a,h) anthracene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Dibenzofuran	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Di-n-butyl phthalate	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
3,3-Dichlorobenzidine	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
2,4-Dichlorophenol	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Diethyl phthalate	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
2,4-Dimethylphenol	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Dimethyl phthalate	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
4,6-Dinitro-2-methylphenol	ND		23.8	12.4	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
2,4-Dinitrophenol	ND		23.8	12.4	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
2,4-Dinitrotoluene	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
2,6-Dinitrotoluene	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Di-n-octyl phthalate	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Bis(2-ethylhexyl)phthalate	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Fluoranthene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Fluorene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Hexachlorobenzene	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Hexachlorobutadiene	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Hexachlorocyclopentadiene	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Hexachloroethane	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Client Sample ID: TP-19-EB-040212-00

Lab Sample ID: NWD0025-02

Date Collected: 04/02/12 13:32

Matrix: Water

Date Received: 04/03/12 08:00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Isophorone	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
2-Methylnaphthalene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
2-Methylphenol	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
3/4-Methylphenol	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Naphthalene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
4-Nitroaniline	ND		23.8	12.4	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
2-Nitroaniline	ND		23.8	12.4	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
3-Nitroaniline	ND		23.8	12.4	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Nitrobenzene	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
2-Nitrophenol	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
4-Nitrophenol	ND		23.8	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
N-Nitrosodiphenylamine	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
N-Nitrosodi-n-propylamine	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Pentachlorophenol	ND		23.8	12.4	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Phenanthrene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Phenol	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
Pyrene	ND		1.90	0.952	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
2,4,6-Trichlorophenol	ND		9.52	4.76	ug/L		04/04/12 06:50	04/05/12 20:58	1.00
2,4,5-Trichlorophenol	ND		23.8	12.4	ug/L		04/04/12 06:50	04/05/12 20:58	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	33		10 - 120	04/04/12 06:50	04/05/12 20:58	1.00
Phenol-d5	21		10 - 120	04/04/12 06:50	04/05/12 20:58	1.00
Nitrobenzene-d5	60		27 - 120	04/04/12 06:50	04/05/12 20:58	1.00
2-Fluorobiphenyl	62		29 - 120	04/04/12 06:50	04/05/12 20:58	1.00
2,4,6-Tribromophenol	69		10 - 120	04/04/12 06:50	04/05/12 20:58	1.00
Terphenyl-d14	74		13 - 120	04/04/12 06:50	04/05/12 20:58	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		04/03/12 15:40	04/03/12 19:27	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	111		70 - 130	04/03/12 15:40	04/03/12 19:27	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		100	50.0	ug/L		04/04/12 08:55	04/05/12 17:39	1.00
PCB-1221	ND		100	50.0	ug/L		04/04/12 08:55	04/05/12 17:39	1.00
PCB-1232	ND		100	50.0	ug/L		04/04/12 08:55	04/05/12 17:39	1.00
PCB-1242	ND		100	50.0	ug/L		04/04/12 08:55	04/05/12 17:39	1.00
PCB-1248	ND		100	50.0	ug/L		04/04/12 08:55	04/05/12 17:39	1.00
PCB-1254	70.0	J	100	50.0	ug/L		04/04/12 08:55	04/05/12 17:39	1.00
PCB-1260	ND		100	50.0	ug/L		04/04/12 08:55	04/05/12 17:39	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	98		17 - 142	04/04/12 08:55	04/05/12 17:39	1.00
Decachlorobiphenyl	33		10 - 149	04/04/12 08:55	04/05/12 17:39	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Client Sample ID: TP-19-EB-040212-00

Lab Sample ID: NWD0025-02

Date Collected: 04/02/12 13:32

Matrix: Water

Date Received: 04/03/12 08:00

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.00	J	2.00	1.00	ug/L	—	04/06/12 08:09	04/06/12 16:12	1.00
Arsenic	1.20	J	2.00	1.00	ug/L	—	04/06/12 08:09	04/06/12 16:12	1.00
Barium	64.7		2.00	1.00	ug/L	—	04/06/12 08:09	04/06/12 16:12	1.00
Beryllium	ND		2.00	1.00	ug/L	—	04/06/12 08:09	04/06/12 16:12	1.00
Cadmium	0.590	J	1.00	0.500	ug/L	—	04/06/12 08:09	04/06/12 16:12	1.00
Chromium	3.34		2.00	1.00	ug/L	—	04/06/12 08:09	04/06/12 16:12	1.00
Cobalt	1.19	J	2.00	1.00	ug/L	—	04/06/12 08:09	04/06/12 16:12	1.00
Copper	10.1		5.00	2.50	ug/L	—	04/06/12 08:09	04/06/12 16:12	1.00
Iron	1800		50.0	25.0	ug/L	—	04/06/12 08:09	04/06/12 16:12	1.00
Lead	33.7		2.00	1.00	ug/L	—	04/06/12 08:09	04/06/12 16:12	1.00
Manganese	95.7	B	5.00	2.50	ug/L	—	04/06/12 08:09	04/06/12 16:12	1.00
Nickel	3.63	J	5.00	2.50	ug/L	—	04/06/12 08:09	04/06/12 16:12	1.00
Selenium	ND		2.00	1.00	ug/L	—	04/06/12 08:09	04/06/12 16:12	1.00
Silver	ND		2.00	1.00	ug/L	—	04/06/12 08:09	04/06/12 16:12	1.00
Thallium	ND		2.00	1.00	ug/L	—	04/06/12 08:09	04/06/12 16:12	1.00
Vanadium	4.12		4.00	2.00	ug/L	—	04/06/12 08:09	04/06/12 16:12	1.00
Zinc	ND		50.0	25.0	ug/L	—	04/06/12 08:09	04/06/12 16:12	1.00

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L	—	04/05/12 06:10	04/05/12 12:31	1.00

Method: SW846 7196A - General Chemistry Parameters - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND	H2 M2	0.0100	0.00500	mg/L	—	04/03/12 13:12	04/10/12 11:00	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		0.00500	0.00250	mg/L	—	04/05/12 15:30	04/10/12 12:39	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Client Sample ID: Trip Blank

Lab Sample ID: NWD0025-03

Date Collected: 04/02/12 00:01

Matrix: Water

Date Received: 04/03/12 08:00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Benzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Bromoform	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Chloroform	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Styrene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Tetrahydrofuran	ND	L	20.0	10.0	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Toluene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/03/12 11:59	04/05/12 22:08	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/03/12 11:59	04/05/12 22:08	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Client Sample ID: Trip Blank

Lab Sample ID: NWD0025-03

Date Collected: 04/02/12 00:01

Matrix: Water

Date Received: 04/03/12 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	93		70 - 130	04/03/12 11:59	04/05/12 22:08	1.00
Dibromofluoromethane	108		70 - 130	04/03/12 11:59	04/05/12 22:08	1.00
Toluene-d8	98		70 - 130	04/03/12 11:59	04/05/12 22:08	1.00
4-Bromofluorobenzene	86		70 - 130	04/03/12 11:59	04/05/12 22:08	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 12C6281-BLK1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C6281_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Benzene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Bromoform	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Chloroform	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Styrene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Toluene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,2,4-Trichlorobenzene	0.580	J	1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/04/12 14:29	04/05/12 19:20	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C6281-BLK1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C6281_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	87		70 - 130				04/04/12 14:29	04/05/12 19:20	1.00
Dibromofluoromethane	99		70 - 130				04/04/12 14:29	04/05/12 19:20	1.00
Toluene-d8	103		70 - 130				04/04/12 14:29	04/05/12 19:20	1.00
4-Bromofluorobenzene	92		70 - 130				04/04/12 14:29	04/05/12 19:20	1.00

Lab Sample ID: 12C6281-BS1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C6281_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	419	L1	ug/L		168	54 - 145
Benzene	50.0	50.8		ug/L		102	80 - 121
Bromochloromethane	50.0	61.0		ug/L		122	78 - 129
Bromoform	50.0	40.6		ug/L		81	46 - 145
Bromomethane	50.0	45.0		ug/L		90	41 - 150
2-Butanone	250	312		ug/L		125	62 - 133
Carbon disulfide	50.0	49.6		ug/L		99	77 - 126
Carbon Tetrachloride	50.0	50.0		ug/L		100	64 - 147
Chlorobenzene	50.0	49.7		ug/L		99	80 - 120
Chlorodibromomethane	50.0	48.7		ug/L		97	69 - 133
Chloroethane	50.0	45.3		ug/L		91	72 - 120
Chloroform	50.0	56.3		ug/L		113	73 - 129
Chloromethane	50.0	44.6		ug/L		89	12 - 150
Cyclohexane	50.0	48.4		ug/L		97	73 - 122
1,2-Dibromo-3-chloropropane	50.0	42.4		ug/L		85	54 - 125
1,2-Dibromoethane (EDB)	50.0	51.5		ug/L		103	80 - 129
1,2-Dichlorobenzene	50.0	50.9		ug/L		102	80 - 121
1,3-Dichlorobenzene	50.0	49.1		ug/L		98	80 - 122
1,4-Dichlorobenzene	50.0	49.7		ug/L		99	80 - 120
Dichlorodifluoromethane	50.0	40.5		ug/L		81	37 - 127
1,2-Dichloroethane	50.0	44.5		ug/L		89	77 - 121
1,1-Dichloroethane	50.0	52.7		ug/L		105	78 - 125
1,1-Dichloroethene	50.0	58.4		ug/L		117	79 - 124
trans-1,2-Dichloroethene	50.0	52.2		ug/L		104	79 - 126
cis-1,2-Dichloroethene	50.0	51.4		ug/L		103	76 - 125
1,2-Dichloropropane	50.0	46.9		ug/L		94	75 - 120
trans-1,3-Dichloropropene	50.0	44.0		ug/L		88	63 - 134
cis-1,3-Dichloropropene	50.0	48.9		ug/L		98	74 - 140
Ethylbenzene	50.0	46.9		ug/L		94	80 - 130
2-Hexanone	250	256		ug/L		103	60 - 142
Isopropylbenzene	50.0	49.3		ug/L		99	80 - 141
Methyl Acetate	50.0	37.0		ug/L		74	64 - 150
Methylcyclohexane	50.0	48.0		ug/L		96	71 - 129
Methyl tert-Butyl Ether	50.0	48.1		ug/L		96	72 - 133
Methylene Chloride	50.0	61.1		ug/L		122	79 - 123
4-Methyl-2-pentanone	250	246		ug/L		98	60 - 137

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C6281-BS1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C6281_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
n-Propylbenzene	50.0	46.7		ug/L		93	75 - 129
Styrene	50.0	46.4		ug/L		93	80 - 127
1,1,2,2-Tetrachloroethane	50.0	44.5		ug/L		89	69 - 131
Tetrachloroethene	50.0	55.1		ug/L		110	80 - 126
Tetrahydrofuran	500	726	L1	ug/L		145	51 - 124
Toluene	50.0	48.9		ug/L		98	80 - 126
1,2,4-Trichlorobenzene	50.0	52.0	B	ug/L		104	63 - 133
1,1,1-Trichloroethane	50.0	49.4		ug/L		99	78 - 135
1,1,2-Trichloroethane	50.0	51.6		ug/L		103	80 - 124
Trichloroethene	50.0	56.7		ug/L		113	80 - 123
Trichlorofluoromethane	50.0	42.4		ug/L		85	65 - 124
Vinyl chloride	50.0	52.4		ug/L		105	68 - 120
Xylenes, total	150	135		ug/L		90	80 - 132
1,1,2-Trifluorotrichloroethane	50.0	53.2		ug/L		106	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	82		70 - 130
Dibromofluoromethane	104		70 - 130
Toluene-d8	101		70 - 130
4-Bromofluorobenzene	91		70 - 130

Lab Sample ID: 12C6281-BSD1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12C6281_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Acetone	250	410	L1	ug/L		164	54 - 145	2	21
Benzene	50.0	50.2		ug/L		100	80 - 121	1	17
Bromochloromethane	50.0	61.1		ug/L		122	78 - 129	0.03	17
Bromoform	50.0	41.1		ug/L		82	46 - 145	1	16
Bromomethane	50.0	45.2		ug/L		90	41 - 150	0.3	50
2-Butanone	250	305		ug/L		122	62 - 133	2	19
Carbon disulfide	50.0	49.4		ug/L		99	77 - 126	0.5	21
Carbon Tetrachloride	50.0	49.6		ug/L		99	64 - 147	0.9	19
Chlorobenzene	50.0	49.7		ug/L		99	80 - 120	0.04	14
Chlorodibromomethane	50.0	49.2		ug/L		98	69 - 133	1	15
Chloroethane	50.0	47.2		ug/L		94	72 - 120	4	20
Chloroform	50.0	56.2		ug/L		112	73 - 129	0.1	18
Chloromethane	50.0	43.2		ug/L		86	12 - 150	3	31
Cyclohexane	50.0	47.9		ug/L		96	73 - 122	1	16
1,2-Dibromo-3-chloropropane	50.0	41.9		ug/L		84	54 - 125	1	24
1,2-Dibromoethane (EDB)	50.0	52.2		ug/L		104	80 - 129	1	15
1,2-Dichlorobenzene	50.0	49.8		ug/L		100	80 - 121	2	15
1,3-Dichlorobenzene	50.0	47.8		ug/L		96	80 - 122	2	15
1,4-Dichlorobenzene	50.0	49.7		ug/L		99	80 - 120	0.1	15
Dichlorodifluoromethane	50.0	40.7		ug/L		81	37 - 127	0.3	18
1,2-Dichloroethane	50.0	43.7		ug/L		87	77 - 121	2	17
1,1-Dichloroethane	50.0	51.5		ug/L		103	78 - 125	2	17
1,1-Dichloroethene	50.0	57.0		ug/L		114	79 - 124	2	17

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C6281-BS1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12C6281_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits			
trans-1,2-Dichloroethene	50.0	52.1		ug/L		104	79 - 126		0.3	16
cis-1,2-Dichloroethene	50.0	50.6		ug/L		101	76 - 125		2	17
1,2-Dichloropropane	50.0	46.9		ug/L		94	75 - 120		0.1	17
trans-1,3-Dichloropropene	50.0	44.1		ug/L		88	63 - 134		0.4	14
cis-1,3-Dichloropropene	50.0	48.5		ug/L		97	74 - 140		0.7	15
Ethylbenzene	50.0	46.7		ug/L		93	80 - 130		0.5	15
2-Hexanone	250	259		ug/L		104	60 - 142		1	15
Isopropylbenzene	50.0	49.6		ug/L		99	80 - 141		0.5	16
Methyl Acetate	50.0	37.2		ug/L		74	64 - 150		0.6	31
Methylcyclohexane	50.0	47.5		ug/L		95	71 - 129		0.9	19
Methyl tert-Butyl Ether	50.0	48.0		ug/L		96	72 - 133		0.1	16
Methylene Chloride	50.0	60.9		ug/L		122	79 - 123		0.4	17
4-Methyl-2-pentanone	250	245		ug/L		98	60 - 137		0.2	17
n-Propylbenzene	50.0	45.2		ug/L		90	75 - 129		3	17
Styrene	50.0	46.8		ug/L		94	80 - 127		0.9	24
1,1,2,2-Tetrachloroethane	50.0	43.2		ug/L		86	69 - 131		3	20
Tetrachloroethene	50.0	54.6		ug/L		109	80 - 126		1	16
Tetrahydrofuran	500	734	L1	ug/L		147	51 - 124		1	18
Toluene	50.0	48.4		ug/L		97	80 - 126		0.9	15
1,2,4-Trichlorobenzene	50.0	52.0	B	ug/L		104	63 - 133		0.08	19
1,1,1-Trichloroethane	50.0	49.0		ug/L		98	78 - 135		0.9	17
1,1,2-Trichloroethane	50.0	51.7		ug/L		103	80 - 124		0.3	15
Trichloroethene	50.0	54.8		ug/L		110	80 - 123		3	17
Trichlorofluoromethane	50.0	42.2		ug/L		84	65 - 124		0.4	18
Vinyl chloride	50.0	51.3		ug/L		103	68 - 120		2	17
Xylenes, total	150	134		ug/L		89	80 - 132		0.6	15
1,1,2-Trifluorotrichloroethane	50.0	52.1		ug/L		104	77 - 129		2	18

Surrogate	LCS Dup		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	84		70 - 130
Dibromofluoromethane	103		70 - 130
Toluene-d8	100		70 - 130
4-Bromofluorobenzene	90		70 - 130

Lab Sample ID: 12C6281-MS1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12C6281_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec.	
									Limits	
Acetone	ND		250	309		ug/L		123	45 - 141	
Benzene	ND		50.0	54.8		ug/L		110	75 - 133	
Bromochloromethane	ND		50.0	65.2		ug/L		130	67 - 139	
Bromoform	ND		50.0	43.9		ug/L		88	42 - 147	
Bromomethane	ND		50.0	48.1		ug/L		96	16 - 163	
2-Butanone	ND		250	277		ug/L		111	50 - 138	
Carbon disulfide	ND		50.0	52.8		ug/L		106	48 - 152	
Carbon Tetrachloride	ND		50.0	58.4		ug/L		117	62 - 164	
Chlorobenzene	ND		50.0	53.6		ug/L		107	80 - 129	
Chlorodibromomethane	ND		50.0	52.8		ug/L		106	66 - 140	

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C6281-MS1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12C6281_P

Analyte	Sample	Sample	Spike	Matrix Spike	Matrix Spike	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Chloroethane	ND		50.0	50.6		ug/L		101	58 - 137	
Chloroform	1.06		50.0	58.6		ug/L		115	66 - 138	
Chloromethane	ND		50.0	40.9		ug/L		82	10 - 169	
Cyclohexane	ND		50.0	55.4		ug/L		111	58 - 144	
1,2-Dibromo-3-chloropropane	ND		50.0	41.1		ug/L		82	52 - 126	
1,2-Dibromoethane (EDB)	ND		50.0	53.3		ug/L		107	75 - 137	
1,2-Dichlorobenzene	ND		50.0	51.0		ug/L		102	79 - 128	
1,3-Dichlorobenzene	ND		50.0	50.5		ug/L		101	77 - 131	
1,4-Dichlorobenzene	ND		50.0	51.1		ug/L		102	78 - 126	
Dichlorodifluoromethane	ND		50.0	30.2		ug/L		60	40 - 127	
1,2-Dichloroethane	ND		50.0	49.1		ug/L		98	64 - 136	
1,1-Dichloroethane	ND		50.0	56.4		ug/L		113	71 - 139	
1,1-Dichloroethene	ND		50.0	63.4		ug/L		127	70 - 142	
trans-1,2-Dichloroethene	ND		50.0	57.2		ug/L		114	66 - 143	
cis-1,2-Dichloroethene	ND		50.0	54.8		ug/L		110	68 - 138	
1,2-Dichloropropane	ND		50.0	49.8		ug/L		100	67 - 131	
trans-1,3-Dichloropropene	ND		50.0	46.0		ug/L		92	59 - 135	
cis-1,3-Dichloropropene	ND		50.0	50.9		ug/L		102	71 - 141	
Ethylbenzene	ND		50.0	51.3		ug/L		103	79 - 139	
2-Hexanone	ND		250	250		ug/L		100	50 - 150	
Isopropylbenzene	ND		50.0	53.7		ug/L		107	80 - 153	
Methyl Acetate	ND		50.0	35.4		ug/L		71	30 - 165	
Methylcyclohexane	ND		50.0	53.7		ug/L		107	59 - 151	
Methyl tert-Butyl Ether	ND		50.0	50.5		ug/L		101	66 - 141	
Methylene Chloride	ND		50.0	63.1		ug/L		126	64 - 139	
4-Methyl-2-pentanone	ND		250	253		ug/L		101	50 - 147	
n-Propylbenzene	ND		50.0	49.3		ug/L		99	69 - 142	
Styrene	ND		50.0	50.1		ug/L		100	61 - 148	
1,1,2,2-Tetrachloroethane	ND		50.0	46.6		ug/L		93	56 - 143	
Tetrachloroethene	0.510		50.0	61.8		ug/L		122	72 - 145	
Tetrahydrofuran	ND		500	686		ug/L		137	34 - 133	
Toluene	ND		50.0	52.8		ug/L		106	75 - 136	
1,2,4-Trichlorobenzene	ND		50.0	47.6	B	ug/L		95	60 - 136	
1,1,1-Trichloroethane	ND		50.0	55.4		ug/L		111	76 - 149	
1,1,2-Trichloroethane	ND		50.0	54.0		ug/L		108	74 - 134	
Trichloroethene	ND		50.0	61.3		ug/L		123	73 - 144	
Trichlorofluoromethane	ND		50.0	49.2		ug/L		98	58 - 139	
Vinyl chloride	ND		50.0	51.8		ug/L		104	56 - 129	
Xylenes, total	ND		150	147		ug/L		98	74 - 141	
1,1,2-Trifluorotrichloroethane	ND		50.0	59.2		ug/L		118	72 - 148	

Surrogate	Matrix Spike	Matrix Spike	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	89		70 - 130
Dibromofluoromethane	114		70 - 130
Toluene-d8	97		70 - 130
4-Bromofluorobenzene	83		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C6281-MSD1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12C6281_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Acetone	ND		250	307		ug/L		123	45 - 141	0.6	21
Benzene	ND		50.0	53.4		ug/L		107	75 - 133	3	17
Bromochloromethane	ND		50.0	63.5		ug/L		127	67 - 139	3	17
Bromoform	ND		50.0	43.8		ug/L		88	42 - 147	0.3	16
Bromomethane	ND		50.0	47.6		ug/L		95	16 - 163	1	50
2-Butanone	ND		250	279		ug/L		111	50 - 138	0.6	19
Carbon disulfide	ND		50.0	52.3		ug/L		105	48 - 152	1	21
Carbon Tetrachloride	ND		50.0	57.1		ug/L		114	62 - 164	2	19
Chlorobenzene	ND		50.0	52.4		ug/L		105	80 - 129	2	14
Chlorodibromomethane	ND		50.0	52.3		ug/L		105	66 - 140	0.9	15
Chloroethane	ND		50.0	49.2		ug/L		98	58 - 137	3	20
Chloroform	1.06		50.0	57.2		ug/L		112	66 - 138	2	18
Chloromethane	ND		50.0	39.7		ug/L		79	10 - 169	3	31
Cyclohexane	ND		50.0	54.7		ug/L		109	58 - 144	1	16
1,2-Dibromo-3-chloropropane	ND		50.0	41.9		ug/L		84	52 - 126	2	24
1,2-Dibromoethane (EDB)	ND		50.0	53.3		ug/L		107	75 - 137	0.08	15
1,2-Dichlorobenzene	ND		50.0	51.4		ug/L		103	79 - 128	0.7	15
1,3-Dichlorobenzene	ND		50.0	50.8		ug/L		102	77 - 131	0.7	15
1,4-Dichlorobenzene	ND		50.0	51.4		ug/L		103	78 - 126	0.5	15
Dichlorodifluoromethane	ND		50.0	32.9		ug/L		66	40 - 127	9	18
1,2-Dichloroethane	ND		50.0	47.3		ug/L		95	64 - 136	4	17
1,1-Dichloroethane	ND		50.0	55.2		ug/L		110	71 - 139	2	17
1,1-Dichloroethene	ND		50.0	61.7		ug/L		123	70 - 142	3	17
trans-1,2-Dichloroethene	ND		50.0	55.9		ug/L		112	66 - 143	2	16
cis-1,2-Dichloroethene	ND		50.0	53.5		ug/L		107	68 - 138	2	17
1,2-Dichloropropane	ND		50.0	49.1		ug/L		98	67 - 131	2	17
trans-1,3-Dichloropropene	ND		50.0	45.7		ug/L		91	59 - 135	0.6	14
cis-1,3-Dichloropropene	ND		50.0	50.3		ug/L		101	71 - 141	1	15
Ethylbenzene	ND		50.0	50.1		ug/L		100	79 - 139	2	15
2-Hexanone	ND		250	248		ug/L		99	50 - 150	1	15
Isopropylbenzene	ND		50.0	53.0		ug/L		106	80 - 153	1	16
Methyl Acetate	ND		50.0	34.7		ug/L		69	30 - 165	2	31
Methylcyclohexane	ND		50.0	53.4		ug/L		107	59 - 151	0.5	19
Methyl tert-Butyl Ether	ND		50.0	49.1		ug/L		98	66 - 141	3	16
Methylene Chloride	ND		50.0	61.5		ug/L		123	64 - 139	3	17
4-Methyl-2-pentanone	ND		250	247		ug/L		99	50 - 147	2	17
n-Propylbenzene	ND		50.0	49.4		ug/L		99	69 - 142	0.08	17
Styrene	ND		50.0	49.2		ug/L		98	61 - 148	2	24
1,1,2,2-Tetrachloroethane	ND		50.0	45.5		ug/L		91	56 - 143	2	20
Tetrachloroethene	0.510		50.0	60.4		ug/L		120	72 - 145	2	16
Tetrahydrofuran	ND		500	664		ug/L		133	34 - 133	3	18
Toluene	ND		50.0	51.8		ug/L		104	75 - 136	2	15
1,2,4-Trichlorobenzene	ND		50.0	51.7	B	ug/L		103	60 - 136	8	19
1,1,1-Trichloroethane	ND		50.0	54.4		ug/L		109	76 - 149	2	17
1,1,2-Trichloroethane	ND		50.0	53.0		ug/L		106	74 - 134	2	15
Trichloroethene	ND		50.0	59.4		ug/L		119	73 - 144	3	17
Trichlorofluoromethane	ND		50.0	47.2		ug/L		94	58 - 139	4	18
Vinyl chloride	ND		50.0	51.2		ug/L		102	56 - 129	1	17
Xylenes, total	ND		150	143		ug/L		95	74 - 141	3	15

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C6281-MSD1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12C6281_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trifluorotrichloroethane	ND		50.0	58.4		ug/L		117	72 - 148	1	18
Surrogate	%Recovery	Qualifier	Limits								
1,2-Dichloroethane-d4	89		70 - 130								
Dibromofluoromethane	113		70 - 130								
Toluene-d8	97		70 - 130								
4-Bromofluorobenzene	85		70 - 130								

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Lab Sample ID: 12D0113-BLK1

Matrix: Water

Analysis Batch: 12D0113

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0113_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Acenaphthylene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Acetophenone	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Anthracene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Atrazine	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Benzaldehyde	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Benzo (a) anthracene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Benzo (a) pyrene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Benzo (b) fluoranthene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Benzo (g,h,i) perylene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Benzo (k) fluoranthene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Biphenyl	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
4-Bromophenyl phenyl ether	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Butyl benzyl phthalate	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Caprolactam	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Carbazole	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
4-Chloro-3-methylphenol	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
4-Chloroaniline	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Bis(2-chloroethoxy)methane	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Bis(2-chloroethyl)ether	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Bis(2-chloroisopropyl)ether	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2-Chloronaphthalene	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2-Chlorophenol	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
4-Chlorophenyl phenyl ether	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Chrysene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Dibenz (a,h) anthracene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Dibenzofuran	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Di-n-butyl phthalate	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
3,3-Dichlorobenzidine	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2,4-Dichlorophenol	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Diethyl phthalate	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2,4-Dimethylphenol	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Dimethyl phthalate	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
4,6-Dinitro-2-methylphenol	ND		25.0	13.0	ug/L		04/04/12 06:50	04/05/12 12:26	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D0113-BLK1

Matrix: Water

Analysis Batch: 12D0113

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0113_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		25.0	13.0	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2,4-Dinitrotoluene	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2,6-Dinitrotoluene	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Di-n-octyl phthalate	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Bis(2-ethylhexyl)phthalate	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Fluoranthene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Fluorene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Hexachlorobenzene	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Hexachlorobutadiene	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Hexachlorocyclopentadiene	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Hexachloroethane	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Indeno (1,2,3-cd) pyrene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Isophorone	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2-Methylnaphthalene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2-Methylphenol	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
3/4-Methylphenol	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Naphthalene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
4-Nitroaniline	ND		25.0	13.0	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2-Nitroaniline	ND		25.0	13.0	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
3-Nitroaniline	ND		25.0	13.0	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Nitrobenzene	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2-Nitrophenol	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
4-Nitrophenol	ND		25.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
N-Nitrosodiphenylamine	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
N-Nitrosodi-n-propylamine	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Pentachlorophenol	ND		25.0	13.0	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Phenanthrene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Phenol	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Pyrene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2,4,6-Trichlorophenol	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2,4,5-Trichlorophenol	ND		25.0	13.0	ug/L		04/04/12 06:50	04/05/12 12:26	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	40		10 - 120	04/04/12 06:50	04/05/12 12:26	1.00
Phenol-d5	25		10 - 120	04/04/12 06:50	04/05/12 12:26	1.00
Nitrobenzene-d5	68		27 - 120	04/04/12 06:50	04/05/12 12:26	1.00
2-Fluorobiphenyl	62		29 - 120	04/04/12 06:50	04/05/12 12:26	1.00
2,4,6-Tribromophenol	72		10 - 120	04/04/12 06:50	04/05/12 12:26	1.00
Terphenyl-d14	91		13 - 120	04/04/12 06:50	04/05/12 12:26	1.00

Lab Sample ID: 12D0113-BS1

Matrix: Water

Analysis Batch: 12D0113

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0113_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	50.0	35.5	MNR1	ug/L		71	46 - 120
Acenaphthylene	50.0	33.9	MNR1	ug/L		68	48 - 120
Acetophenone	50.0	41.8	MNR1	ug/L		84	36 - 120
Anthracene	50.0	43.2	MNR1	ug/L		86	58 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D0113-BS1

Matrix: Water

Analysis Batch: 12D0113

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0113_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo (a) anthracene	50.0	43.2	MNR1	ug/L		86	57 - 120
Benzo (a) pyrene	50.0	43.0	MNR1	ug/L		86	57 - 124
Benzo (b) fluoranthene	50.0	46.2	MNR1	ug/L		92	51 - 125
Benzo (g,h,i) perylene	50.0	40.6	MNR1	ug/L		81	51 - 123
Benzo (k) fluoranthene	50.0	35.7	MNR1	ug/L		71	51 - 120
4-Bromophenyl phenyl ether	50.0	45.9	MNR1	ug/L		92	47 - 127
Butyl benzyl phthalate	50.0	43.7	MNR1	ug/L		87	51 - 146
Carbazole	50.0	41.8	MNR1	ug/L		84	54 - 123
4-Chloro-3-methylphenol	50.0	38.0	MNR1	ug/L		76	44 - 120
4-Chloroaniline	50.0	34.8	MNR1	ug/L		70	44 - 120
Bis(2-chloroethoxy)methane	50.0	35.3	MNR1	ug/L		71	44 - 120
Bis(2-chloroethyl)ether	50.0	38.1	MNR1	ug/L		76	47 - 120
Bis(2-chloroisopropyl)ether	50.0	38.8	MNR1	ug/L		78	44 - 120
2-Chloronaphthalene	50.0	26.7	MNR1	ug/L		53	39 - 120
2-Chlorophenol	50.0	38.0	MNR1	ug/L		76	40 - 120
4-Chlorophenyl phenyl ether	50.0	40.4	MNR1	ug/L		81	50 - 120
Chrysene	50.0	41.3	MNR1	ug/L		83	55 - 120
Dibenz (a,h) anthracene	50.0	40.6	MNR1	ug/L		81	50 - 125
Dibenzofuran	50.0	39.6	MNR1	ug/L		79	50 - 120
Di-n-butyl phthalate	50.0	43.0	MNR1	ug/L		86	54 - 140
3,3-Dichlorobenzidine	50.0	42.2	MNR1	ug/L		84	46 - 129
2,4-Dichlorophenol	50.0	36.3	MNR1	ug/L		73	38 - 120
Diethyl phthalate	50.0	43.6	MNR1	ug/L		87	54 - 128
2,4-Dimethylphenol	50.0	35.0	MNR1	ug/L		70	21 - 126
Dimethyl phthalate	50.0	41.4	MNR1	ug/L		83	53 - 127
4,6-Dinitro-2-methylphenol	50.0	46.5	MNR1	ug/L		93	19 - 150
2,4-Dinitrophenol	50.0	44.1	MNR1	ug/L		88	20 - 150
2,4-Dinitrotoluene	50.0	35.8	MNR1	ug/L		72	46 - 132
2,6-Dinitrotoluene	50.0	36.0	MNR1	ug/L		72	54 - 128
Di-n-octyl phthalate	50.0	41.4	MNR1	ug/L		83	50 - 142
Bis(2-ethylhexyl)phthalate	50.0	43.1	MNR1	ug/L		86	47 - 138
Fluoranthene	50.0	43.4	MNR1	ug/L		87	56 - 120
Fluorene	50.0	41.3	MNR1	ug/L		83	52 - 120
Hexachlorobenzene	50.0	50.0	MNR1	ug/L		100	48 - 131
Hexachlorobutadiene	50.0	31.4	MNR1	ug/L		63	28 - 120
Hexachlorocyclopentadiene	50.0	19.2	MNR1	ug/L		38	17 - 120
Hexachloroethane	50.0	26.6	MNR1	ug/L		53	30 - 120
Indeno (1,2,3-cd) pyrene	50.0	40.8	MNR1	ug/L		82	54 - 125
Isophorone	50.0	29.1	MNR1	ug/L		58	47 - 120
2-Methylnaphthalene	50.0	28.5	MNR1	ug/L		57	31 - 120
2-Methylphenol	50.0	28.9	MNR1	ug/L		58	38 - 120
3/4-Methylphenol	50.0	26.6	MNR1	ug/L		53	33 - 120
Naphthalene	50.0	29.7	MNR1	ug/L		59	37 - 120
4-Nitroaniline	50.0	40.6	MNR1	ug/L		81	55 - 123
2-Nitroaniline	50.0	42.8	MNR1	ug/L		86	46 - 131
3-Nitroaniline	50.0	43.0	MNR1	ug/L		86	54 - 121
Nitrobenzene	50.0	25.0	MNR1	ug/L		50	36 - 120
2-Nitrophenol	50.0	37.9	MNR1	ug/L		76	32 - 120
4-Nitrophenol	50.0	16.9	MNR1 J	ug/L		34	10 - 120
N-Nitrosodiphenylamine	50.0	49.1	MNR1	ug/L		98	58 - 149

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D0113-BS1

Matrix: Water

Analysis Batch: 12D0113

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0113_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Nitrosodi-n-propylamine	50.0	41.4	MNR1	ug/L		83	51 - 120
Pentachlorophenol	50.0	44.6	MNR1	ug/L		89	21 - 150
Phenanthrene	50.0	42.4	MNR1	ug/L		85	56 - 120
Phenol	50.0	17.1	MNR1	ug/L		34	14 - 120
Pyrene	50.0	42.5	MNR1	ug/L		85	53 - 129
2,4,6-Trichlorophenol	50.0	42.4	MNR1	ug/L		85	39 - 135
2,4,5-Trichlorophenol	50.0	35.1	MNR1	ug/L		70	40 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	40		10 - 120
Phenol-d5	27		10 - 120
Nitrobenzene-d5	55		27 - 120
2-Fluorobiphenyl	56		29 - 120
2,4,6-Tribromophenol	71		10 - 120
Terphenyl-d14	89		13 - 120

Lab Sample ID: 12D0113-BS2

Matrix: Water

Analysis Batch: 12D0113

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0113_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetophenone	50.0	35.4		ug/L		71	36 - 120
Atrazine	50.0	36.8		ug/L		74	24 - 133
Benzaldehyde	50.0	36.1		ug/L		72	34 - 120
Biphenyl	50.0	30.9		ug/L		62	10 - 146
Caprolactam	50.0	9.58	J	ug/L		19	10 - 120
4-Chloro-3-methylphenol	50.0	34.5		ug/L		69	44 - 120
2-Chlorophenol	50.0	30.6		ug/L		61	40 - 120
2,4-Dichlorophenol	50.0	34.2		ug/L		68	38 - 120
2,4-Dimethylphenol	50.0	32.5		ug/L		65	21 - 126
4,6-Dinitro-2-methylphenol	50.0	36.3		ug/L		73	19 - 150
2,4-Dinitrophenol	50.0	31.9		ug/L		64	20 - 150
2-Methylphenol	50.0	22.3		ug/L		45	38 - 120
2-Nitrophenol	50.0	33.5		ug/L		67	32 - 120
4-Nitrophenol	50.0	10.7	J	ug/L		21	10 - 120
Pentachlorophenol	50.0	30.1		ug/L		60	21 - 150
Phenol	50.0	12.3		ug/L		25	14 - 120
2,4,6-Trichlorophenol	50.0	36.2		ug/L		72	39 - 135
2,4,5-Trichlorophenol	50.0	28.1		ug/L		56	40 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	35		10 - 120
Phenol-d5	23		10 - 120
Nitrobenzene-d5	57		27 - 120
2-Fluorobiphenyl	58		29 - 120
2,4,6-Tribromophenol	64		10 - 120
Terphenyl-d14	80		13 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D0113-BSD1

Matrix: Water

Analysis Batch: 12D0113

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D0113_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec.		RPD	RPD Limit
							Limits			
Acenaphthene	50.0	36.8		ug/L		74	46 - 120		3	31
Acenaphthylene	50.0	35.2		ug/L		70	48 - 120		4	31
Acetophenone	50.0	43.3		ug/L		87	36 - 120		4	50
Anthracene	50.0	43.9		ug/L		88	58 - 130		2	28
Benzo (a) anthracene	50.0	44.6		ug/L		89	57 - 120		3	27
Benzo (a) pyrene	50.0	44.2		ug/L		88	57 - 124		3	27
Benzo (b) fluoranthene	50.0	40.0		ug/L		80	51 - 125		15	39
Benzo (g,h,i) perylene	50.0	43.0		ug/L		86	51 - 123		6	27
Benzo (k) fluoranthene	50.0	47.1		ug/L		94	51 - 120		27	32
4-Bromophenyl phenyl ether	50.0	47.9		ug/L		96	47 - 127		4	29
Butyl benzyl phthalate	50.0	44.4		ug/L		89	51 - 146		2	31
Carbazole	50.0	42.6		ug/L		85	54 - 123		2	29
4-Chloro-3-methylphenol	50.0	43.9		ug/L		88	44 - 120		14	22
4-Chloroaniline	50.0	43.6		ug/L		87	44 - 120		23	26
Bis(2-chloroethoxy)methane	50.0	41.6		ug/L		83	44 - 120		16	31
Bis(2-chloroethyl)ether	50.0	39.4		ug/L		79	47 - 120		3	38
Bis(2-chloroisopropyl)ether	50.0	38.9		ug/L		78	44 - 120		0.3	36
2-Chloronaphthalene	50.0	28.2		ug/L		56	39 - 120		6	36
2-Chlorophenol	50.0	40.3		ug/L		81	40 - 120		6	46
4-Chlorophenyl phenyl ether	50.0	42.3		ug/L		85	50 - 120		5	29
Chrysene	50.0	42.6		ug/L		85	55 - 120		3	27
Dibenz (a,h) anthracene	50.0	43.3		ug/L		87	50 - 125		6	28
Dibenzofuran	50.0	39.7		ug/L		79	50 - 120		0.5	29
Di-n-butyl phthalate	50.0	44.3		ug/L		89	54 - 140		3	27
3,3-Dichlorobenzidine	50.0	43.3		ug/L		87	46 - 129		3	30
2,4-Dichlorophenol	50.0	45.4		ug/L		91	38 - 120		22	30
Diethyl phthalate	50.0	44.9		ug/L		90	54 - 128		3	28
2,4-Dimethylphenol	50.0	42.0		ug/L		84	21 - 126		18	48
Dimethyl phthalate	50.0	41.8		ug/L		84	53 - 127		0.9	27
4,6-Dinitro-2-methylphenol	50.0	47.7		ug/L		95	19 - 150		3	34
2,4-Dinitrophenol	50.0	46.6		ug/L		93	20 - 150		6	31
2,4-Dinitrotoluene	50.0	37.0		ug/L		74	46 - 132		3	26
2,6-Dinitrotoluene	50.0	38.0		ug/L		76	54 - 128		6	29
Di-n-octyl phthalate	50.0	42.0		ug/L		84	50 - 142		2	28
Bis(2-ethylhexyl)phthalate	50.0	43.3		ug/L		87	47 - 138		0.4	28
Fluoranthene	50.0	46.6		ug/L		93	56 - 120		7	28
Fluorene	50.0	43.0		ug/L		86	52 - 120		4	28
Hexachlorobenzene	50.0	50.6		ug/L		101	48 - 131		1	28
Hexachlorobutadiene	50.0	35.1		ug/L		70	28 - 120		11	43
Hexachlorocyclopentadiene	50.0	19.5		ug/L		39	17 - 120		2	43
Hexachloroethane	50.0	28.4		ug/L		57	30 - 120		7	45
Indeno (1,2,3-cd) pyrene	50.0	43.3		ug/L		87	54 - 125		6	27
Isophorone	50.0	34.2		ug/L		68	47 - 120		16	31
2-Methylnaphthalene	50.0	33.3		ug/L		67	31 - 120		16	35
2-Methylphenol	50.0	29.8		ug/L		60	38 - 120		3	32
3/4-Methylphenol	50.0	27.2		ug/L		54	33 - 120		2	34
Naphthalene	50.0	35.8		ug/L		72	37 - 120		19	37
4-Nitroaniline	50.0	43.7		ug/L		87	55 - 123		7	26
2-Nitroaniline	50.0	45.5		ug/L		91	46 - 131		6	24

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D0113-BSD1

Matrix: Water

Analysis Batch: 12D0113

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D0113_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
3-Nitroaniline	50.0	44.5		ug/L		89	54 - 121	3	26
Nitrobenzene	50.0	30.9		ug/L		62	36 - 120	21	28
2-Nitrophenol	50.0	44.8		ug/L		90	32 - 120	17	31
4-Nitrophenol	50.0	17.2	J	ug/L		34	10 - 120	2	38
N-Nitrosodiphenylamine	50.0	50.4		ug/L		101	58 - 149	2	26
N-Nitrosodi-n-propylamine	50.0	43.5		ug/L		87	51 - 120	5	37
Pentachlorophenol	50.0	47.5		ug/L		95	21 - 150	6	31
Phenanthrene	50.0	44.3		ug/L		89	56 - 120	4	26
Phenol	50.0	17.4		ug/L		35	14 - 120	2	42
Pyrene	50.0	43.2		ug/L		86	53 - 129	1	29
2,4,6-Trichlorophenol	50.0	45.2		ug/L		90	39 - 135	6	40
2,4,5-Trichlorophenol	50.0	36.9		ug/L		74	40 - 129	5	34

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
2-Fluorophenol	43		10 - 120
Phenol-d5	29		10 - 120
Nitrobenzene-d5	67		27 - 120
2-Fluorobiphenyl	63		29 - 120
2,4,6-Tribromophenol	73		10 - 120
Terphenyl-d14	90		13 - 120

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Lab Sample ID: 12D0327-BLK1

Matrix: Water

Analysis Batch: V005440

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0327_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		04/03/12 15:40	04/03/12 16:53	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Butanol	114		70 - 130				04/03/12 15:40	04/03/12 16:53	1.00

Lab Sample ID: 12D0327-BS1

Matrix: Water

Analysis Batch: V005440

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0327_P

			Spike	LCS	LCS				%Rec.
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits
Ethylene Glycol			50.0	51.5		mg/L		103	70 - 130
Surrogate	LCS	LCS							
	%Recovery	Qualifier	Limits						
n-Butanol	118		70 - 130						

Lab Sample ID: 12D0327-BSD1

Matrix: Water

Analysis Batch: V005440

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D0327_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Glycol	50.0	50.6		mg/L		101	70 - 130	2	36

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Method: SW846 8015B - Glycols by EPA Method 8015 (modified) (Continued)

Lab Sample ID: 12D0327-BSD1

Matrix: Water

Analysis Batch: V005440

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D0327_P

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
n-Butanol	119		70 - 130

Lab Sample ID: 12D0327-MS1

Matrix: Water

Analysis Batch: V005440

Client Sample ID: TP-18-GW-040212-23

Prep Type: Total

Prep Batch: 12D0327_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Glycol	ND		50.0	43.8		mg/L		88	41 - 139
Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits						
n-Butanol	116		70 - 130						

Lab Sample ID: 12D0327-MSD1

Matrix: Water

Analysis Batch: V005440

Client Sample ID: TP-18-GW-040212-23

Prep Type: Total

Prep Batch: 12D0327_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Glycol	ND		50.0	47.5		mg/L		95	41 - 139	8	36
Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits								
n-Butanol	116		70 - 130								

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Lab Sample ID: 12D0294-BLK1

Matrix: Water

Analysis Batch: V005549

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0294_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.500	0.250	ug/L		04/04/12 08:55	04/05/12 16:35	1.00
PCB-1221	ND		0.500	0.250	ug/L		04/04/12 08:55	04/05/12 16:35	1.00
PCB-1232	ND		0.500	0.250	ug/L		04/04/12 08:55	04/05/12 16:35	1.00
PCB-1242	ND		0.500	0.250	ug/L		04/04/12 08:55	04/05/12 16:35	1.00
PCB-1248	ND		0.500	0.250	ug/L		04/04/12 08:55	04/05/12 16:35	1.00
PCB-1254	ND		0.500	0.250	ug/L		04/04/12 08:55	04/05/12 16:35	1.00
PCB-1260	ND		0.500	0.250	ug/L		04/04/12 08:55	04/05/12 16:35	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits						
Tetrachloro-meta-xylene	100		17 - 142						
Decachlorobiphenyl	97		10 - 149						

Lab Sample ID: 12D0294-BS1

Matrix: Water

Analysis Batch: V005549

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0294_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1260	5.00	4.95	MNR1	ug/L		99	36 - 144

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Lab Sample ID: 12D0294-BS1

Matrix: Water

Analysis Batch: V005549

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0294_P

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-meta-xylene	105		17 - 142
Decachlorobiphenyl	86		10 - 149

Lab Sample ID: 12D1227-BLK1

Matrix: Water

Analysis Batch: V005824

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1227_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.500	0.250	ug/L		04/07/12 10:30	04/10/12 15:33	1.00
PCB-1221	ND		0.500	0.250	ug/L		04/07/12 10:30	04/10/12 15:33	1.00
PCB-1232	ND		0.500	0.250	ug/L		04/07/12 10:30	04/10/12 15:33	1.00
PCB-1242	ND		0.500	0.250	ug/L		04/07/12 10:30	04/10/12 15:33	1.00
PCB-1248	ND		0.500	0.250	ug/L		04/07/12 10:30	04/10/12 15:33	1.00
PCB-1254	ND		0.500	0.250	ug/L		04/07/12 10:30	04/10/12 15:33	1.00
PCB-1260	ND		0.500	0.250	ug/L		04/07/12 10:30	04/10/12 15:33	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	96		17 - 142	04/07/12 10:30	04/10/12 15:33	1.00
Decachlorobiphenyl	86		10 - 149	04/07/12 10:30	04/10/12 15:33	1.00

Lab Sample ID: 12D1227-BS1

Matrix: Water

Analysis Batch: V005824

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1227_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1260	5.00	5.04	MNR1	ug/L		101	36 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-meta-xylene	97		17 - 142
Decachlorobiphenyl	93		10 - 149

Method: SW846 6020 - Total Metals by Method 6020

Lab Sample ID: 12D0380-BLK1

Matrix: Water

Analysis Batch: 12D0380

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0380_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	1.00	ug/L		04/06/12 08:09	04/06/12 15:21	1.00
Arsenic	ND		2.00	1.00	ug/L		04/06/12 08:09	04/06/12 15:21	1.00
Barium	ND		2.00	1.00	ug/L		04/06/12 08:09	04/06/12 15:21	1.00
Beryllium	ND		2.00	1.00	ug/L		04/06/12 08:09	04/06/12 15:21	1.00
Cadmium	ND		1.00	0.500	ug/L		04/06/12 08:09	04/06/12 15:21	1.00
Chromium	ND		2.00	1.00	ug/L		04/06/12 08:09	04/06/12 15:21	1.00
Cobalt	ND		2.00	1.00	ug/L		04/06/12 08:09	04/06/12 15:21	1.00
Copper	ND		5.00	2.50	ug/L		04/06/12 08:09	04/06/12 15:21	1.00
Lead	ND		2.00	1.00	ug/L		04/06/12 08:09	04/06/12 15:21	1.00
Manganese	3.70	J	5.00	2.50	ug/L		04/06/12 08:09	04/06/12 15:21	1.00
Nickel	ND		5.00	2.50	ug/L		04/06/12 08:09	04/06/12 15:21	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Method: SW846 6020 - Total Metals by Method 6020 (Continued)

Lab Sample ID: 12D0380-BLK1

Matrix: Water

Analysis Batch: 12D0380

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0380_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		2.00	1.00	ug/L		04/06/12 08:09	04/06/12 15:21	1.00
Silver	ND		2.00	1.00	ug/L		04/06/12 08:09	04/06/12 15:21	1.00
Thallium	ND		2.00	1.00	ug/L		04/06/12 08:09	04/06/12 15:21	1.00
Vanadium	ND		4.00	2.00	ug/L		04/06/12 08:09	04/06/12 15:21	1.00
Zinc	ND		50.0	25.0	ug/L		04/06/12 08:09	04/06/12 15:21	1.00

Lab Sample ID: 12D0380-BS1

Matrix: Water

Analysis Batch: 12D0380

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0380_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	100	104		ug/L		104	80 - 120
Arsenic	100	105		ug/L		105	80 - 120
Barium	100	98.1		ug/L		98	80 - 120
Beryllium	100	104		ug/L		104	80 - 120
Cadmium	100	103		ug/L		103	80 - 120
Chromium	100	103		ug/L		103	80 - 120
Cobalt	100	100		ug/L		100	80 - 120
Copper	100	104		ug/L		104	80 - 120
Lead	100	102		ug/L		102	80 - 120
Manganese	100	100	B	ug/L		100	80 - 120
Nickel	100	104		ug/L		104	80 - 120
Selenium	100	101		ug/L		101	80 - 120
Silver	100	95.4		ug/L		95	80 - 120
Thallium	100	99.0		ug/L		99	80 - 120
Vanadium	100	104		ug/L		104	80 - 120
Zinc	100	105		ug/L		105	80 - 120

Lab Sample ID: 12D0380-MS1

Matrix: Water

Analysis Batch: 12D0380

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D0380_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		100	108		ug/L		108	75 - 125
Arsenic	ND		100	105		ug/L		105	75 - 125
Barium	40.9		100	147		ug/L		106	75 - 125
Beryllium	ND		100	105		ug/L		105	75 - 125
Cadmium	ND		100	104		ug/L		104	75 - 125
Chromium	ND		100	104		ug/L		104	75 - 125
Cobalt	ND		100	97.5		ug/L		98	75 - 125
Copper	3.48		100	102		ug/L		99	75 - 125
Lead	ND		100	102		ug/L		102	75 - 125
Manganese	ND		100	163	B M1	ug/L		163	75 - 125
Nickel	ND		100	100		ug/L		100	75 - 125
Selenium	ND		100	101		ug/L		101	75 - 125
Silver	ND		100	85.4		ug/L		85	75 - 125
Thallium	ND		100	100		ug/L		100	75 - 125
Vanadium	ND		100	107		ug/L		107	75 - 125
Zinc	ND		100	105		ug/L		105	75 - 125

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Method: SW846 6020 - Total Metals by Method 6020 (Continued)

Lab Sample ID: 12D0380-MSD1

Matrix: Water

Analysis Batch: 12D0380

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D0380_P

Analyte	Sample	Sample	Spike	Matrix Spike Dup	Matrix Spike Dup	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	ND		100	109		ug/L		109	75 - 125	1	20
Arsenic	ND		100	108		ug/L		108	75 - 125	3	20
Barium	40.9		100	145		ug/L		104	75 - 125	1	20
Beryllium	ND		100	103		ug/L		103	75 - 125	2	20
Cadmium	ND		100	103		ug/L		103	75 - 125	0.3	20
Chromium	ND		100	105		ug/L		105	75 - 125	0.4	20
Cobalt	ND		100	98.7		ug/L		99	75 - 125	1	20
Copper	3.48		100	104		ug/L		101	75 - 125	2	20
Lead	ND		100	104		ug/L		104	75 - 125	2	20
Manganese	ND		100	101	B R3	ug/L		101	75 - 125	47	20
Nickel	ND		100	101		ug/L		101	75 - 125	0.5	20
Selenium	ND		100	102		ug/L		102	75 - 125	0.9	20
Silver	ND		100	98.5		ug/L		98	75 - 125	14	20
Thallium	ND		100	103		ug/L		103	75 - 125	3	20
Vanadium	ND		100	107		ug/L		107	75 - 125	0	20
Zinc	ND		100	106		ug/L		106	75 - 125	1	20

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Lab Sample ID: 12D0495-BLK1

Matrix: Water

Analysis Batch: 12D0495

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0495_P

Analyte	Blank	Blank	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.000200	0.000100	mg/L		04/05/12 06:10	04/05/12 12:25	1.00

Lab Sample ID: 12D0495-BS1

Matrix: Water

Analysis Batch: 12D0495

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0495_P

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				Limits
Mercury	0.00100	0.00101		mg/L		101	80 - 120

Lab Sample ID: 12D0495-MS1

Matrix: Water

Analysis Batch: 12D0495

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D0495_P

Analyte	Sample	Sample	Spike	Matrix Spike	Matrix Spike	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Mercury	ND		0.00100	0.000750		mg/L		75	75 - 125

Lab Sample ID: 12D0495-MSD1

Matrix: Water

Analysis Batch: 12D0495

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D0495_P

Analyte	Sample	Sample	Spike	Matrix Spike Dup	Matrix Spike Dup	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Mercury	ND		0.00100	0.000767		mg/L		77	75 - 125	2	20

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Method: SW846 7196A - General Chemistry Parameters

Lab Sample ID: 12D0330-BLK2

Matrix: Water

Analysis Batch: 12D0330

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0330_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		0.0100	0.00500	mg/L		04/03/12 13:04	04/10/12 10:51	1.00

Lab Sample ID: 12D0330-BS2

Matrix: Water

Analysis Batch: 12D0330

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0330_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	0.100	0.0985		mg/L		98	85 - 115

Lab Sample ID: 12D0330-MS2

Matrix: Water

Analysis Batch: 12D0330

Client Sample ID: TP-18-GW-040212-23

Prep Type: Total

Prep Batch: 12D0330_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	ND	H2	2.00	1.75		mg/L		88	85 - 115

Lab Sample ID: 12D0330-MSD2

Matrix: Water

Analysis Batch: 12D0330

Client Sample ID: TP-18-GW-040212-23

Prep Type: Total

Prep Batch: 12D0330_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium (VI)	ND	H2	2.00	1.69	M2	mg/L		84	85 - 115	4	10

Lab Sample ID: 12D0330-DUP2

Matrix: Water

Analysis Batch: 12D0330

Client Sample ID: TP-18-GW-040212-23

Prep Type: Total

Prep Batch: 12D0330_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium (VI)	ND	H2	ND		mg/L					10

Method: SW846 9012B - General Chemistry Parameters

Lab Sample ID: 12D0823-BLK1

Matrix: Water

Analysis Batch: 12D0823

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0823_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		0.00500	0.00250	mg/L		04/05/12 15:30	04/10/12 12:35	1.00

Lab Sample ID: 12D0823-BS1

Matrix: Water

Analysis Batch: 12D0823

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0823_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	0.100	0.106		mg/L		106	90 - 110

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Method: SW846 9012B - General Chemistry Parameters (Continued)

Lab Sample ID: 12D0823-MS1

Matrix: Water

Analysis Batch: 12D0823

Client Sample ID: TP-18-GW-040212-23

Prep Type: Total

Prep Batch: 12D0823_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	0.00335	J	0.100	0.106		mg/L		103	70 - 130

Lab Sample ID: 12D0823-MSD1

Matrix: Water

Analysis Batch: 12D0823

Client Sample ID: TP-18-GW-040212-23

Prep Type: Total

Prep Batch: 12D0823_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide	0.00335	J	0.100	0.113		mg/L		109	70 - 130	6	20

Lab Sample ID: 12D0823-DUP1

Matrix: Water

Analysis Batch: 12D0823

Client Sample ID: TP-19-EB-040212-00

Prep Type: Total

Prep Batch: 12D0823_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Cyanide	ND		0.00841		mg/L			20

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

GCMS Volatiles

Analysis Batch: V005666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C6281-BLK1	Method Blank	Total	Water	SW846 8260B	12C6281_P
12C6281-BS1	Lab Control Sample	Total	Water	SW846 8260B	12C6281_P
12C6281-BSD1	Lab Control Sample Dup	Total	Water	SW846 8260B	12C6281_P
12C6281-MS1	Matrix Spike	Total	Water	SW846 8260B	12C6281_P
12C6281-MSD1	Matrix Spike Duplicate	Total	Water	SW846 8260B	12C6281_P
NWD0025-01	TP-18-GW-040212-23	Total	Water	SW846 8260B	12C6281_P
NWD0025-02	TP-19-EB-040212-00	Total	Water	SW846 8260B	12C6281_P
NWD0025-03	Trip Blank	Total	Water	SW846 8260B	12C6281_P

Prep Batch: 12C6281_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C6281-BLK1	Method Blank	Total	Water	EPA 5030B	
12C6281-BS1	Lab Control Sample	Total	Water	EPA 5030B	
12C6281-BSD1	Lab Control Sample Dup	Total	Water	EPA 5030B	
12C6281-MS1	Matrix Spike	Total	Water	EPA 5030B	
12C6281-MSD1	Matrix Spike Duplicate	Total	Water	EPA 5030B	
NWD0025-01	TP-18-GW-040212-23	Total	Water	EPA 5030B	
NWD0025-02	TP-19-EB-040212-00	Total	Water	EPA 5030B	
NWD0025-03	Trip Blank	Total	Water	EPA 5030B	

GCMS Semivolatiles

Analysis Batch: 12D0113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0113-BLK1	Method Blank	Total	Water	SW846 8270C	12D0113_P
12D0113-BS1	Lab Control Sample	Total	Water	SW846 8270C	12D0113_P
12D0113-BS2	Lab Control Sample	Total	Water	SW846 8270C	12D0113_P
12D0113-BSD1	Lab Control Sample Dup	Total	Water	SW846 8270C	12D0113_P
NWD0025-01	TP-18-GW-040212-23	Total	Water	SW846 8270C	12D0113_P
NWD0025-02	TP-19-EB-040212-00	Total	Water	SW846 8270C	12D0113_P

Prep Batch: 12D0113_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0113-BLK1	Method Blank	Total	Water	EPA 3510C	
12D0113-BS1	Lab Control Sample	Total	Water	EPA 3510C	
12D0113-BS2	Lab Control Sample	Total	Water	EPA 3510C	
12D0113-BSD1	Lab Control Sample Dup	Total	Water	EPA 3510C	
NWD0025-01	TP-18-GW-040212-23	Total	Water	EPA 3510C	
NWD0025-02	TP-19-EB-040212-00	Total	Water	EPA 3510C	

Pesticides

Analysis Batch: V005440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0327-BLK1	Method Blank	Total	Water	SW846 8015B	12D0327_P
12D0327-BS1	Lab Control Sample	Total	Water	SW846 8015B	12D0327_P
12D0327-BSD1	Lab Control Sample Dup	Total	Water	SW846 8015B	12D0327_P
12D0327-MS1	TP-18-GW-040212-23	Total	Water	SW846 8015B	12D0327_P
12D0327-MSD1	TP-18-GW-040212-23	Total	Water	SW846 8015B	12D0327_P
NWD0025-01	TP-18-GW-040212-23	Total	Water	SW846 8015B	12D0327_P
NWD0025-02	TP-19-EB-040212-00	Total	Water	SW846 8015B	12D0327_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Pesticides (Continued)

Analysis Batch: V005549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0294-BLK1	Method Blank	Total	Water	SW846 8082	12D0294_P
12D0294-BS1	Lab Control Sample	Total	Water	SW846 8082	12D0294_P
NWD0025-02	TP-19-EB-040212-00	Total	Water	SW846 8082	12D0294_P

Analysis Batch: V005824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1227-BLK1	Method Blank	Total	Water	SW846 8082	12D1227_P
12D1227-BS1	Lab Control Sample	Total	Water	SW846 8082	12D1227_P
NWD0025-01 - RE1	TP-18-GW-040212-23	Total	Water	SW846 8082	12D1227_P

Prep Batch: 12D0294_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0294-BLK1	Method Blank	Total	Water	EPA	
12D0294-BS1	Lab Control Sample	Total	Water	3510C/3665A EPA	
NWD0025-02	TP-19-EB-040212-00	Total	Water	3510C/3665A EPA	

Prep Batch: 12D0327_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0327-BLK1	Method Blank	Total	Water	NO PREP-PEST	
12D0327-BS1	Lab Control Sample	Total	Water	NO PREP-PEST	
12D0327-BSD1	Lab Control Sample Dup	Total	Water	NO PREP-PEST	
12D0327-MS1	TP-18-GW-040212-23	Total	Water	NO PREP-PEST	
12D0327-MSD1	TP-18-GW-040212-23	Total	Water	NO PREP-PEST	
NWD0025-01	TP-18-GW-040212-23	Total	Water	NO PREP-PEST	
NWD0025-02	TP-19-EB-040212-00	Total	Water	NO PREP-PEST	

Prep Batch: 12D1227_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1227-BLK1	Method Blank	Total	Water	EPA	
12D1227-BS1	Lab Control Sample	Total	Water	3510C/3665A EPA	
NWD0025-01 - RE1	TP-18-GW-040212-23	Total	Water	3510C/3665A EPA	

Metals

Analysis Batch: 12D0380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0380-BLK1	Method Blank	Total	Water	SW846 6020	12D0380_P
12D0380-BS1	Lab Control Sample	Total	Water	SW846 6020	12D0380_P
12D0380-MS1	Matrix Spike	Total	Water	SW846 6020	12D0380_P
12D0380-MSD1	Matrix Spike Duplicate	Total	Water	SW846 6020	12D0380_P
NWD0025-01	TP-18-GW-040212-23	Total	Water	SW846 6020	12D0380_P
NWD0025-01 - RE1	TP-18-GW-040212-23	Total	Water	SW846 6020	12D0380_P
NWD0025-01 - RE2	TP-18-GW-040212-23	Total	Water	SW846 6020	12D0380_P
NWD0025-01 - RE3	TP-18-GW-040212-23	Total	Water	SW846 6020	12D0380_P
NWD0025-02	TP-19-EB-040212-00	Total	Water	SW846 6020	12D0380_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Metals (Continued)

Analysis Batch: 12D0495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0495-BLK1	Method Blank	Total	Water	SW846 7470A	12D0495_P
12D0495-BS1	Lab Control Sample	Total	Water	SW846 7470A	12D0495_P
12D0495-MS1	Matrix Spike	Total	Water	SW846 7470A	12D0495_P
12D0495-MSD1	Matrix Spike Duplicate	Total	Water	SW846 7470A	12D0495_P
NWD0025-01	TP-18-GW-040212-23	Total	Water	SW846 7470A	12D0495_P
NWD0025-02	TP-19-EB-040212-00	Total	Water	SW846 7470A	12D0495_P

Prep Batch: 12D0380_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0380-BLK1	Method Blank	Total	Water	EPA 3010A / 6020	
12D0380-BS1	Lab Control Sample	Total	Water	EPA 3010A / 6020	
12D0380-MS1	Matrix Spike	Total	Water	EPA 3010A / 6020	
12D0380-MSD1	Matrix Spike Duplicate	Total	Water	EPA 3010A / 6020	
NWD0025-01	TP-18-GW-040212-23	Total	Water	EPA 3010A / 6020	
NWD0025-01 - RE1	TP-18-GW-040212-23	Total	Water	EPA 3010A / 6020	
NWD0025-01 - RE2	TP-18-GW-040212-23	Total	Water	EPA 3010A / 6020	
NWD0025-01 - RE3	TP-18-GW-040212-23	Total	Water	EPA 3010A / 6020	
NWD0025-02	TP-19-EB-040212-00	Total	Water	EPA 3010A / 6020	

Prep Batch: 12D0495_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0495-BLK1	Method Blank	Total	Water	EPA 7470	
12D0495-BS1	Lab Control Sample	Total	Water	EPA 7470	
12D0495-MS1	Matrix Spike	Total	Water	EPA 7470	
12D0495-MSD1	Matrix Spike Duplicate	Total	Water	EPA 7470	
NWD0025-01	TP-18-GW-040212-23	Total	Water	EPA 7470	
NWD0025-02	TP-19-EB-040212-00	Total	Water	EPA 7470	

WetChem

Analysis Batch: 12D0330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0330-BLK2	Method Blank	Total	Water	SW846 7196A	12D0330_P
12D0330-BS2	Lab Control Sample	Total	Water	SW846 7196A	12D0330_P
12D0330-DUP2	TP-18-GW-040212-23	Total	Water	SW846 7196A	12D0330_P
12D0330-MS2	TP-18-GW-040212-23	Total	Water	SW846 7196A	12D0330_P
12D0330-MSD2	TP-18-GW-040212-23	Total	Water	SW846 7196A	12D0330_P
NWD0025-01 - RE2	TP-18-GW-040212-23	Total	Water	SW846 7196A	12D0330_P
NWD0025-02 - RE2	TP-19-EB-040212-00	Total	Water	SW846 7196A	12D0330_P

Analysis Batch: 12D0823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0823-BLK1	Method Blank	Total	Water	SW846 9012B	12D0823_P
12D0823-BS1	Lab Control Sample	Total	Water	SW846 9012B	12D0823_P
12D0823-DUP1	TP-19-EB-040212-00	Total	Water	SW846 9012B	12D0823_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

WetChem (Continued)

Analysis Batch: 12D0823 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0823-MS1	TP-18-GW-040212-23	Total	Water	SW846 9012B	12D0823_P
12D0823-MSD1	TP-18-GW-040212-23	Total	Water	SW846 9012B	12D0823_P
NWD0025-01	TP-18-GW-040212-23	Total	Water	SW846 9012B	12D0823_P
NWD0025-02	TP-19-EB-040212-00	Total	Water	SW846 9012B	12D0823_P

Prep Batch: 12D0330_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0330-BLK2	Method Blank	Total	Water	NO PREP	
12D0330-BS2	Lab Control Sample	Total	Water	NO PREP	
12D0330-DUP2	TP-18-GW-040212-23	Total	Water	NO PREP	
12D0330-MS2	TP-18-GW-040212-23	Total	Water	NO PREP	
12D0330-MSD2	TP-18-GW-040212-23	Total	Water	NO PREP	
NWD0025-01 - RE2	TP-18-GW-040212-23	Total	Water	NO PREP	
NWD0025-02 - RE2	TP-19-EB-040212-00	Total	Water	NO PREP	

Prep Batch: 12D0823_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0823-BLK1	Method Blank	Total	Water	NO PREP	
12D0823-BS1	Lab Control Sample	Total	Water	NO PREP	
12D0823-DUP1	TP-19-EB-040212-00	Total	Water	NO PREP	
12D0823-MS1	TP-18-GW-040212-23	Total	Water	NO PREP	
12D0823-MSD1	TP-18-GW-040212-23	Total	Water	NO PREP	
NWD0025-01	TP-18-GW-040212-23	Total	Water	NO PREP	
NWD0025-02	TP-19-EB-040212-00	Total	Water	NO PREP	

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Client Sample ID: TP-18-GW-040212-23

Lab Sample ID: NWD0025-01

Date Collected: 04/02/12 15:06

Matrix: Water

Date Received: 04/03/12 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C6281_P	04/03/12 11:59	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005666	04/05/12 23:33	FKG	TAL NSH
Total	Prep	EPA 3510C		0.952	12D0113_P	04/04/12 06:50	JWD	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D0113	04/05/12 20:39	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0327_P	04/03/12 15:40	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005440	04/03/12 19:11	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A	RE1	0.952	12D1227_P	04/07/12 10:30	ASL	TAL NSH
Total	Analysis	SW846 8082	RE1	1.00	V005824	04/10/12 16:16	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12D0380_P	04/06/12 08:09	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	12D0380	04/06/12 16:08	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12D0495_P	04/05/12 06:10	ALJ	TAL NSH
Total	Analysis	SW846 7470A		1.00	12D0495	04/05/12 12:29	ALJ	TAL NSH
Total	Prep	EPA 3010A / 6020	RE1	1.00	12D0380_P	04/06/12 08:09	MET	TAL NSH
Total	Analysis	SW846 6020	RE1	1.00	12D0380	04/07/12 18:56	MET	TAL NSH
Total	Prep	EPA 3010A / 6020	RE2	1.00	12D0380_P	04/06/12 08:09	MET	TAL NSH
Total	Analysis	SW846 6020	RE2	5.00	12D0380	04/07/12 19:00	MET	TAL NSH
Total	Prep	EPA 3010A / 6020	RE3	1.00	12D0380_P	04/06/12 08:09	MET	TAL NSH
Total	Analysis	SW846 6020	RE3	20.0	12D0380	04/07/12 19:03	MET	TAL NSH
Total	Prep	NO PREP		1.00	12D0823_P	04/05/12 15:30	SNG	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D0823	04/10/12 12:37	TEM	TAL NSH
Total	Prep	NO PREP	RE2	1.00	12D0330_P	04/03/12 13:04	AMB	TAL NSH
Total	Analysis	SW846 7196A	RE2	20.0	12D0330	04/10/12 10:51	CLJ	TAL NSH

Client Sample ID: TP-19-EB-040212-00

Lab Sample ID: NWD0025-02

Date Collected: 04/02/12 13:32

Matrix: Water

Date Received: 04/03/12 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C6281_P	04/03/12 11:59	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005666	04/06/12 00:01	FKG	TAL NSH
Total	Prep	EPA 3510C		0.952	12D0113_P	04/04/12 06:50	JWD	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D0113	04/05/12 20:58	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0327_P	04/03/12 15:40	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005440	04/03/12 19:27	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A		200	12D0294_P	04/04/12 08:55	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005549	04/05/12 17:39	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12D0380_P	04/06/12 08:09	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	12D0380	04/06/12 16:12	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12D0495_P	04/05/12 06:10	ALJ	TAL NSH
Total	Analysis	SW846 7470A		1.00	12D0495	04/05/12 12:31	ALJ	TAL NSH
Total	Prep	NO PREP		1.00	12D0823_P	04/05/12 15:30	SNG	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D0823	04/10/12 12:39	TEM	TAL NSH
Total	Prep	NO PREP	RE2	1.00	12D0330_P	04/03/12 13:12	AMB	TAL NSH
Total	Analysis	SW846 7196A	RE2	1.00	12D0330	04/10/12 11:00	CLJ	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Client Sample ID: Trip Blank
Date Collected: 04/02/12 00:01
Date Received: 04/03/12 08:00

Lab Sample ID: NWD0025-03
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C6281_P	04/03/12 11:59	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005666	04/05/12 22:08	FKG	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Method Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Method	Method Description	Protocol	Laboratory
SW846 8260B	Volatile Organic Compounds by EPA Method 8260B		TAL NSH
SW846 8270C	Semivolatile Organic Compounds by EPA Method 8270C		TAL NSH
SW846 8015B	Glycols by EPA Method 8015 (modified)		TAL NSH
SW846 8082	Polychlorinated Biphenyls by EPA Method 8082		TAL NSH
SW846 6020	Total Metals by Method 6020		TAL NSH
SW846 7470A	Mercury by EPA Methods 7470A/7471A		TAL NSH
SW846 7196A	General Chemistry Parameters		TAL NSH
SW846 9012B	General Chemistry Parameters		TAL NSH

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

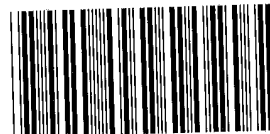
Certification Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0025

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Nashville		ACIL		393
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska (UST)	State Program	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas DEQ	State Program	6	88-0737
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Canadian Assoc Lab Accred (CALA)	Canada		3744
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Florida	NELAC	4	E87358
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Kentucky (UST)	State Program	4	19
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Louisiana	NELAC	6	LA110014
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana (UST)	State Program	8	NA
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina DENR	State Program	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio VAP	State Program	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	USDA	Federal		S-48469
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	NELAC Secondary AB	3	460152
TestAmerica Nashville	Virginia	State Program	3	00323
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia DEP	State Program	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430
TestAmerica Nashville	Wyoming (UST)	A2LA	8	453.07

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.



NWD0025

Cooler Received/Opened On 4/3/2012 @ 8:00

1. Tracking # 2971 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 17960357

2. Temperature of rep. sample or temp blank when opened: 2.4 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: tape intact

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) P.H.

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # P.H.

I certify that I unloaded the cooler and answered questions 7-14 (initial) P.H.

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) P.H.

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) P.H.

I certify that I attached a label with the unique LIMS number to each container (initial) P.H.

21. Were there Non-Conformance issues at login? YES...NO... Was a PIPE generated? YES...NO...#



Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax: (615) 726-3404
",Reg District (CA)"

NWD0025
04/12/12 23:59

Page 6 of 1

Client: Haley & Aldrich (Lenexa)

Address: 8735 Rosehill Road, Suite 340

City, State, Zip: Lenexa KS 66215-6949

Client Invoice Contact: Accounts Payable

Client Project Mgr: Mariruth Gruis

Client Telephone#: (913) 217-6907 Fax: (913) 217-6957

Sampler Name (Print) John Kugstaly

Sampler Signature: [Signature]

TA Account #: 532031

PO #:

Invoice to: Haley & Aldrich

Report to: Mariruth Gruis

Project Name: Leeds Facility

Facility ID: [none]

Reg District (CA):

Site Address:

City, State, Zip: Missouri

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Methanol	Preservative					Matrix					Analyze for										RUSH TAT (Pre Schedule)*							
								(Black Label) None	(Red Label) HNO3	(Yellow Label) Glass H2SO4	(Yellow Label) Plastic H2SO4	(Orange Label) NaOH	(Blue Label) HCL	Sodium Bisulfate	Drinking Water	Wastewater	Groundwater	(specify) Other	Soil	Sludge	Metals, TAL (23) 6010/7471 soil	pH 9040C (+1)	Solids Percent Dry Weight	AL MET WATER 6020/6010B/7470A	Chromium, Hexavalent by EPA 7196	Cyanide Total 9012B	Flashpoint 1010 Closed Cup		8260B Extended List VOA	8270C Extended SVOA	8082 PCBs	8015B Ethylene Glycol			
TP-18-6W-040202-23	4/2/12	1506	13	X									1	5									X	X	X	X	X	X							
TP-19-EB-040212-00	4/2/12	1332	13	X									1	5									X	X	X	X	X	X							
Trip Blank	-	-	2	-																					X										

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: **BO # 28973**

Relinquished by: <u>[Signature]</u>	Date: <u>4/2/12</u>	Time: <u>1930</u>	Received by: <u>Paul R. Miller / TAN</u>	Date: <u>4/3/12</u>	Time: <u>08:00</u>	Relinquished by:	Date:	Time:	
Shipped Via:			Shipped Via:			QC Deliverables (Please Circle One): Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)			Date Due of Report:
Received for TestAmerica by:			Date:	Time:	Temperature Upon Receipt: <u>24°C</u>	Sample Containers Intact? Y N VOCs Free of Headpace? Y N			

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

2960 Foster Creighton Road

Nashville, TN 37204

Tel: 800-765-0980

TestAmerica Job ID: NWD0116

Client Project/Site: [none]

Client Project Description: Leeds Facility

For:

Haley & Aldrich (Lenexa)

8735 Rosehill Road, Suite 340

Lenexa, KS 66215-6949

Attn: Mariruth Gruis

Roxanne L. Connor

Authorized for release by:

4/12/2012 5:53:41 PM

Roxanne Connor

Program Manager - Conventional Accounts

roxanne.connor@testamericainc.com

LINKS

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results through

TotalAccess

Have a Question?



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www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Sample Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
NWD0116-01	TP-18-SS-040212-00	Soil	04/02/12 13:04	04/03/12 08:00
NWD0116-02	TP-18-SO-040212-03	Soil	04/02/12 16:05	04/03/12 08:00
NWD0116-03	TP-18-SO-040212-09	Soil	04/02/12 16:00	04/03/12 08:00
NWD0116-04	TP-18-SO-040212-10	Soil	04/02/12 16:02	04/03/12 08:00
NWD0116-05	Trip Blank	Water	04/02/12 00:01	04/03/12 08:00
NWD0116-06	TP-19-SS-040212-00	Soil	04/02/12 10:08	04/03/12 08:00
NWD0116-07	TP-19-SO-040212-05	Soil	04/02/12 11:24	04/03/12 08:00

Definitions/Glossary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
B	Analyte was detected in the associated Method Blank.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
L2	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

GCMS Semivolatiles

Qualifier	Qualifier Description
MNR	No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
L2	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

GC Semivolatiles

Qualifier	Qualifier Description
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
QP7	The hydrocarbon pattern most closely resembles a motor oil product.

Pesticides

Qualifier	Qualifier Description
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
QSU	Sulfur (EPA 3660) clean-up performed on extract.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Metals

Qualifier	Qualifier Description
M4	The MS/MSD required a dilution due to matrix interference. Because of this dilution, the matrix spike concentrations in the sample were reduced to a level where the recovery calculation does not provide useful information. See Blank Spike (LCS).
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

WetChem

Qualifier	Qualifier Description
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
R2	The RPD exceeded the acceptance limit.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit

Definitions/Glossary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

1
2
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4
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11

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-18-SS-040212-00

Lab Sample ID: NWD0116-01

Date Collected: 04/02/12 13:04

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 88.3

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.118		0.0463	0.0231	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Bromochloromethane	ND		0.00185	0.00111	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Bromodichloromethane	ND		0.00185	0.000925	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Bromoform	ND		0.00185	0.000925	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Bromomethane	ND		0.00185	0.00111	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
2-Butanone	0.0268	J B	0.0463	0.0231	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Carbon disulfide	ND		0.00463	0.00333	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Carbon Tetrachloride	ND		0.00185	0.000925	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Chlorobenzene	ND		0.00185	0.00102	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Chlorodibromomethane	ND		0.00185	0.000925	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Chloroethane	ND		0.00463	0.00231	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Chloroform	ND		0.00185	0.00120	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Chloromethane	ND		0.00185	0.00102	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Cyclohexane	0.0732		0.00925	0.00463	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
1,2-Dibromo-3-chloropropane	ND		0.00463	0.00231	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
1,2-Dibromoethane (EDB)	ND		0.00185	0.000925	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
1,2-Dichlorobenzene	ND		0.00185	0.000925	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
1,3-Dichlorobenzene	ND		0.00185	0.00111	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
1,4-Dichlorobenzene	ND		0.00185	0.00102	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Dichlorodifluoromethane	ND		0.00185	0.00130	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
1,2-Dichloroethane	ND		0.00185	0.00102	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
1,1-Dichloroethane	ND		0.00185	0.00120	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
1,1-Dichloroethene	ND		0.00185	0.00111	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
trans-1,2-Dichloroethene	ND		0.00185	0.00120	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
cis-1,2-Dichloroethene	ND		0.00185	0.00102	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
1,2-Dichloropropane	ND		0.00185	0.000925	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
trans-1,3-Dichloropropene	ND		0.00185	0.000925	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
cis-1,3-Dichloropropene	ND		0.00185	0.000925	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
2-Hexanone	ND		0.0463	0.0231	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Methyl Acetate	ND		0.00925	0.00463	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Methyl tert-Butyl Ether	ND		0.00185	0.000925	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Methylene Chloride	ND		0.00925	0.00463	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
4-Methyl-2-pentanone	ND		0.0463	0.0231	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Styrene	ND		0.00185	0.00102	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
1,1,2,2-Tetrachloroethane	ND		0.00185	0.000925	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Tetrachloroethene	ND		0.00185	0.00120	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Tetrahydrofuran	ND		0.0185	0.00925	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
1,2,4-Trichlorobenzene	ND		0.00185	0.00111	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
1,1,1-Trichloroethane	ND		0.00185	0.000925	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
1,1,2-Trichloroethane	ND		0.00463	0.00231	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Trichloroethene	ND		0.00185	0.000925	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Trichlorofluoromethane	ND		0.00185	0.000925	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
Vinyl chloride	ND		0.00185	0.000925	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00185	0.00102	mg/kg dry	☆	04/02/12 13:04	04/08/12 20:23	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	118		70 - 130	04/02/12 13:04	04/08/12 20:23	1.00
Dibromofluoromethane	100		70 - 130	04/02/12 13:04	04/08/12 20:23	1.00
Toluene-d8	108		70 - 130	04/02/12 13:04	04/08/12 20:23	1.00
4-Bromofluorobenzene	254	ZX	70 - 130	04/02/12 13:04	04/08/12 20:23	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-18-SS-040212-00

Lab Sample ID: NWD0116-01

Date Collected: 04/02/12 13:04

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 88.3

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.04		0.0893	0.0491	mg/kg dry	☆	04/02/12 13:04	04/09/12 22:30	50.0
Ethylbenzene	3.67		0.0893	0.0491	mg/kg dry	☆	04/02/12 13:04	04/09/12 22:30	50.0
Isopropylbenzene	1.14		0.0893	0.0491	mg/kg dry	☆	04/02/12 13:04	04/09/12 22:30	50.0
Methylcyclohexane	2.33		0.447	0.223	mg/kg dry	☆	04/02/12 13:04	04/09/12 22:30	50.0
n-Propylbenzene	5.35	M7	0.0893	0.0491	mg/kg dry	☆	04/02/12 13:04	04/09/12 22:30	50.0
Toluene	0.318		0.0893	0.0491	mg/kg dry	☆	04/02/12 13:04	04/09/12 22:30	50.0
Xylenes, total	0.690		0.223	0.112	mg/kg dry	☆	04/02/12 13:04	04/09/12 22:30	50.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	98		70 - 130	04/02/12 13:04	04/09/12 22:30	50.0
Dibromofluoromethane	98		70 - 130	04/02/12 13:04	04/09/12 22:30	50.0
Toluene-d8	101		70 - 130	04/02/12 13:04	04/09/12 22:30	50.0
4-Bromofluorobenzene	119		70 - 130	04/02/12 13:04	04/09/12 22:30	50.0

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.521		0.148	0.0752	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Acenaphthylene	ND		0.148	0.0752	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Acetophenone	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Anthracene	1.31		0.148	0.0752	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Atrazine	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Benzaldehyde	ND	L2	3.69	1.85	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Benzo (a) anthracene	2.92		0.148	0.0752	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Benzo (b) fluoranthene	2.92		0.148	0.0752	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Benzo (a) pyrene	2.64		0.148	0.0752	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Benzo (g,h,i) perylene	1.51		0.148	0.0752	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Benzo (k) fluoranthene	1.52		0.148	0.0752	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Biphenyl	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
4-Bromophenyl phenyl ether	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Butyl benzyl phthalate	1.35		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
4-Chloro-3-methylphenol	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
4-Chloroaniline	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Caprolactam	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Carbazole	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
2-Chloronaphthalene	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Bis(2-chloroethoxy)methane	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Bis(2-chloroethyl)ether	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Bis(2-chloroisopropyl)ether	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
2-Chlorophenol	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
4-Chlorophenyl phenyl ether	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Chrysene	2.87		0.148	0.0752	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Dibenz (a,h) anthracene	0.771		0.148	0.0752	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Dibenzofuran	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Di-n-butyl phthalate	0.940		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
3,3-Dichlorobenzidine	ND		1.48	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
2,4-Dichlorophenol	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Diethyl phthalate	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
2,4-Dimethylphenol	ND		0.737	0.425	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Dimethyl phthalate	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
4,6-Dinitro-2-methylphenol	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
2,4-Dinitrophenol	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-18-SS-040212-00

Lab Sample ID: NWD0116-01

Date Collected: 04/02/12 13:04

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 88.3

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
2,4-Dinitrotoluene	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Di-n-octyl phthalate	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Bis(2-ethylhexyl)phthalate	0.701	J	0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Fluoranthene	6.42		0.148	0.0752	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Fluorene	0.804		0.148	0.0752	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Hexachlorobenzene	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Hexachlorobutadiene	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Hexachlorocyclopentadiene	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Hexachloroethane	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Indeno (1,2,3-cd) pyrene	1.41		0.148	0.0752	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Isophorone	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
2-Methylnaphthalene	0.685		0.148	0.0752	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
2-Methylphenol	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Naphthalene	1.90		0.148	0.0752	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
2-Nitroaniline	ND		1.84	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
3-Nitroaniline	ND		1.84	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
4-Nitroaniline	ND		1.84	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Nitrobenzene	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
2-Nitrophenol	ND		0.737	0.434	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
4-Nitrophenol	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
N-Nitrosodiphenylamine	ND		0.737	0.405	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
N-Nitrosodi-n-propylamine	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Pentachlorophenol	ND		1.84	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Phenanthrene	4.38		0.148	0.0752	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Phenol	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
Pyrene	4.99		0.148	0.0752	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
2,4,5-Trichlorophenol	ND		1.84	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00
2,4,6-Trichlorophenol	ND		0.737	0.369	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:36	2.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	64		17 - 120	04/06/12 13:15	04/09/12 06:36	2.00
Phenol-d5	65		18 - 120	04/06/12 13:15	04/09/12 06:36	2.00
2-Fluorobiphenyl	75		14 - 120	04/06/12 13:15	04/09/12 06:36	2.00
Nitrobenzene-d5	68		17 - 120	04/06/12 13:15	04/09/12 06:36	2.00
Terphenyl-d14	94		18 - 120	04/06/12 13:15	04/09/12 06:36	2.00
2,4,6-Tribromophenol	67		19 - 120	04/06/12 13:15	04/09/12 06:36	2.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		12.7	6.33	mg/kg dry	☆	04/04/12 16:20	04/04/12 19:44	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	96		60 - 140	04/04/12 16:20	04/04/12 19:44	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	QSU	0.0368	0.0232	mg/kg dry	☆	04/04/12 07:00	04/11/12 05:57	1.00
PCB-1221	ND	QSU	0.0368	0.0188	mg/kg dry	☆	04/04/12 07:00	04/11/12 05:57	1.00
PCB-1232	ND	QSU	0.0368	0.0188	mg/kg dry	☆	04/04/12 07:00	04/11/12 05:57	1.00
PCB-1242	ND	QSU	0.0368	0.0287	mg/kg dry	☆	04/04/12 07:00	04/11/12 05:57	1.00
PCB-1248	ND	QSU	0.0368	0.0332	mg/kg dry	☆	04/04/12 07:00	04/11/12 05:57	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-18-SS-040212-00

Lab Sample ID: NWD0116-01

Date Collected: 04/02/12 13:04

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 88.3

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 - RE2 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	ND	QSU	0.0368	0.0188	mg/kg dry	☼	04/04/12 07:00	04/11/12 05:57	1.00
PCB-1260	0.0866	QSU	0.0368	0.0310	mg/kg dry	☼	04/04/12 07:00	04/11/12 05:57	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	82		19 - 147				04/04/12 07:00	04/11/12 05:57	1.00
Decachlorobiphenyl	372	ZX	20 - 150				04/04/12 07:00	04/11/12 05:57	1.00

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	37.6		1.12	0.899	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:14	2.00
Arsenic	8.25		1.12	0.225	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:14	2.00
Beryllium	0.584	J	1.12	0.225	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:14	2.00
Cobalt	6.27		1.12	0.225	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:14	2.00
Copper	44.5		1.12	0.225	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:14	2.00
Manganese	297		2.25	1.12	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:14	2.00
Selenium	108		1.12	0.225	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:14	2.00
Silver	0.238	J	1.12	0.225	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:14	2.00
Thallium	ND		1.12	0.562	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:14	2.00
Vanadium	21.1		1.12	0.562	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:14	2.00
Zinc	402		22.5	11.2	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:14	2.00
Nickel	27.8		2.25	0.450	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:14	2.00

Method: SW846 6020 - Total Metals by Method 6020 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	1230		11.2	5.62	mg/kg dry	☼	04/07/12 19:12	04/12/12 13:19	20.0
Cadmium	525		11.2	2.25	mg/kg dry	☼	04/07/12 19:12	04/12/12 13:19	20.0
Chromium	667		11.2	5.62	mg/kg dry	☼	04/07/12 19:12	04/12/12 13:19	20.0

Method: SW846 6020 - Total Metals by Method 6020 - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3210		56.2	28.1	mg/kg dry	☼	04/07/12 19:12	04/12/12 13:44	100

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.077	J	0.11	0.054	mg/kg dry	☼	04/06/12 13:05	04/09/12 13:18	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.27	1.13	mg/kg dry	☼	04/06/12 09:40	04/09/12 10:16	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND	M7	2.27	1.13	mg/kg dry	☼	04/10/12 09:05	04/11/12 10:21	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	88.3		0.500	0.500	%		04/05/12 13:28	04/06/12 10:15	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-18-SO-040212-03

Lab Sample ID: NWD0116-02

Date Collected: 04/02/12 16:05

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 79.9

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.202		0.0552	0.0276	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Bromochloromethane	ND		0.00221	0.00132	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Bromodichloromethane	ND		0.00221	0.00110	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Bromoform	ND		0.00221	0.00110	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Bromomethane	ND		0.00221	0.00132	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
2-Butanone	ND		0.0552	0.0276	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Carbon disulfide	ND		0.00552	0.00397	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Carbon Tetrachloride	ND		0.00221	0.00110	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Chlorobenzene	ND		0.00221	0.00121	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Chlorodibromomethane	ND		0.00221	0.00110	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Chloroethane	ND		0.00552	0.00276	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Chloroform	ND		0.00221	0.00144	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Chloromethane	ND		0.00221	0.00121	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
1,2-Dibromo-3-chloropropane	ND		0.00552	0.00276	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
1,2-Dibromoethane (EDB)	ND		0.00221	0.00110	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
1,2-Dichlorobenzene	ND		0.00221	0.00110	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
1,3-Dichlorobenzene	ND		0.00221	0.00132	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
1,4-Dichlorobenzene	ND		0.00221	0.00121	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Dichlorodifluoromethane	ND		0.00221	0.00155	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
1,2-Dichloroethane	ND		0.00221	0.00121	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
1,1-Dichloroethane	ND		0.00221	0.00144	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
1,1-Dichloroethene	ND		0.00221	0.00132	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
trans-1,2-Dichloroethene	ND		0.00221	0.00144	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
cis-1,2-Dichloroethene	ND		0.00221	0.00121	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
1,2-Dichloropropane	ND		0.00221	0.00110	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
trans-1,3-Dichloropropene	ND		0.00221	0.00110	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
cis-1,3-Dichloropropene	ND		0.00221	0.00110	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
2-Hexanone	ND		0.0552	0.0276	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Methyl Acetate	ND		0.0110	0.00552	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Methyl tert-Butyl Ether	ND		0.00221	0.00110	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Methylene Chloride	ND		0.0110	0.00552	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
4-Methyl-2-pentanone	ND		0.0552	0.0276	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Styrene	ND		0.00221	0.00121	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
1,1,2,2-Tetrachloroethane	ND		0.00221	0.00110	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Tetrachloroethene	ND		0.00221	0.00144	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Tetrahydrofuran	ND		0.0221	0.0110	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
1,2,4-Trichlorobenzene	ND		0.00221	0.00132	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
1,1,1-Trichloroethane	ND		0.00221	0.00110	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
1,1,2-Trichloroethane	ND		0.00552	0.00276	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Trichloroethene	ND		0.00221	0.00110	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Trichlorofluoromethane	ND		0.00221	0.00110	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
Vinyl chloride	ND		0.00221	0.00110	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00221	0.00121	mg/kg dry	☼	04/02/12 16:05	04/08/12 20:51	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	110		70 - 130	04/02/12 16:05	04/08/12 20:51	1.00
Dibromofluoromethane	93		70 - 130	04/02/12 16:05	04/08/12 20:51	1.00
Toluene-d8	108		70 - 130	04/02/12 16:05	04/08/12 20:51	1.00
4-Bromofluorobenzene	233	ZX	70 - 130	04/02/12 16:05	04/08/12 20:51	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-18-SO-040212-03

Lab Sample ID: NWD0116-02

Date Collected: 04/02/12 16:05

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 79.9

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.43		0.107	0.0587	mg/kg dry	☆	04/02/12 16:05	04/09/12 22:57	50.0
Cyclohexane	0.651		0.534	0.267	mg/kg dry	☆	04/02/12 16:05	04/09/12 22:57	50.0
Isopropylbenzene	9.16		0.107	0.0587	mg/kg dry	☆	04/02/12 16:05	04/09/12 22:57	50.0
Methylcyclohexane	10.0		0.534	0.267	mg/kg dry	☆	04/02/12 16:05	04/09/12 22:57	50.0
Toluene	0.989		0.107	0.0587	mg/kg dry	☆	04/02/12 16:05	04/09/12 22:57	50.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	97		70 - 130	04/02/12 16:05	04/09/12 22:57	50.0
Dibromofluoromethane	89		70 - 130	04/02/12 16:05	04/09/12 22:57	50.0
Toluene-d8	98		70 - 130	04/02/12 16:05	04/09/12 22:57	50.0
4-Bromofluorobenzene	175	ZX	70 - 130	04/02/12 16:05	04/09/12 22:57	50.0

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	49.3		2.14	1.17	mg/kg dry	☆	04/02/12 16:05	04/09/12 23:25	1000
n-Propylbenzene	66.8		2.14	1.17	mg/kg dry	☆	04/02/12 16:05	04/09/12 23:25	1000
Xylenes, total	60.7		5.34	2.67	mg/kg dry	☆	04/02/12 16:05	04/09/12 23:25	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	89		70 - 130	04/02/12 16:05	04/09/12 23:25	1000
Dibromofluoromethane	90		70 - 130	04/02/12 16:05	04/09/12 23:25	1000
Toluene-d8	105		70 - 130	04/02/12 16:05	04/09/12 23:25	1000
4-Bromofluorobenzene	112		70 - 130	04/02/12 16:05	04/09/12 23:25	1000

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.128		0.0824	0.0418	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
Acenaphthylene	ND		0.0824	0.0418	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
Acetophenone	ND		0.410	0.205	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
Anthracene	0.261		0.0824	0.0418	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
Atrazine	ND		0.410	0.205	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
Benzaldehyde	ND	L2	2.05	1.03	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
Benzo (a) anthracene	1.08		0.0824	0.0418	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
Benzo (b) fluoranthene	1.17		0.0824	0.0418	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
Benzo (a) pyrene	1.08		0.0824	0.0418	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
Benzo (g,h,i) perylene	0.633		0.0824	0.0418	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
Benzo (k) fluoranthene	0.735		0.0824	0.0418	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
Biphenyl	ND		0.410	0.205	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
4-Bromophenyl phenyl ether	ND		0.410	0.205	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
Butyl benzyl phthalate	1.68		0.410	0.205	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
4-Chloro-3-methylphenol	ND		0.410	0.205	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
4-Chloroaniline	ND		0.410	0.205	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
Caprolactam	ND		0.410	0.205	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
Carbazole	ND		0.410	0.205	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
2-Chloronaphthalene	ND		0.410	0.205	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
Bis(2-chloroethoxy)methane	ND		0.410	0.205	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
Bis(2-chloroethyl)ether	ND		0.410	0.205	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
Bis(2-chloroisopropyl)ether	ND		0.410	0.205	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
2-Chlorophenol	ND		0.410	0.205	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
4-Chlorophenyl phenyl ether	ND		0.410	0.205	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
Chrysene	1.09		0.0824	0.0418	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00
Dibenz (a,h) anthracene	0.312		0.0824	0.0418	mg/kg dry	☆	04/06/12 13:15	04/09/12 06:54	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-18-SO-040212-03

Lab Sample ID: NWD0116-02

Date Collected: 04/02/12 16:05

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 79.9

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
Di-n-butyl phthalate	2.49		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
3,3-Dichlorobenzidine	ND		0.821	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
2,4-Dichlorophenol	ND		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
Diethyl phthalate	ND		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
2,4-Dimethylphenol	0.286	J	0.410	0.236	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
Dimethyl phthalate	ND		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
4,6-Dinitro-2-methylphenol	ND		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
2,4-Dinitrophenol	ND		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
2,6-Dinitrotoluene	ND		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
2,4-Dinitrotoluene	ND		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
Di-n-octyl phthalate	ND		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
Bis(2-ethylhexyl)phthalate	1.74		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
Fluoranthene	2.13		0.0824	0.0418	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
Fluorene	0.205		0.0824	0.0418	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
Hexachlorobenzene	ND		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
Hexachlorobutadiene	ND		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
Hexachlorocyclopentadiene	ND		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
Hexachloroethane	ND		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
Indeno (1,2,3-cd) pyrene	0.606		0.0824	0.0418	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
Isophorone	ND		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
2-Methylnaphthalene	1.32		0.0824	0.0418	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
2-Methylphenol	ND		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
Naphthalene	3.20		0.0824	0.0418	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
2-Nitroaniline	ND		1.02	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
3-Nitroaniline	ND		1.02	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
4-Nitroaniline	ND		1.02	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
Nitrobenzene	ND		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
2-Nitrophenol	ND		0.410	0.241	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
4-Nitrophenol	ND		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
N-Nitrosodiphenylamine	ND		0.410	0.225	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
N-Nitrosodi-n-propylamine	ND		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
Pentachlorophenol	ND		1.02	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
Phenanthrene	0.825		0.0824	0.0418	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
Phenol	ND		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
Pyrene	1.82		0.0824	0.0418	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
2,4,5-Trichlorophenol	ND		1.02	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00
2,4,6-Trichlorophenol	ND		0.410	0.205	mg/kg dry	☼	04/06/12 13:15	04/09/12 06:54	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	34		17 - 120	04/06/12 13:15	04/09/12 06:54	1.00
Phenol-d5	34		18 - 120	04/06/12 13:15	04/09/12 06:54	1.00
2-Fluorobiphenyl	42		14 - 120	04/06/12 13:15	04/09/12 06:54	1.00
Nitrobenzene-d5	41		17 - 120	04/06/12 13:15	04/09/12 06:54	1.00
Terphenyl-d14	54		18 - 120	04/06/12 13:15	04/09/12 06:54	1.00
2,4,6-Tribromophenol	41		19 - 120	04/06/12 13:15	04/09/12 06:54	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		15.0	7.52	mg/kg dry	☼	04/04/12 16:20	04/04/12 20:00	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-18-SO-040212-03

Lab Sample ID: NWD0116-02

Date Collected: 04/02/12 16:05

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 79.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	65	ZX	60 - 140	04/04/12 16:20	04/04/12 20:00	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0411	0.0259	mg/kg dry	✱	04/04/12 07:00	04/05/12 18:26	1.00
PCB-1221	ND		0.0411	0.0210	mg/kg dry	✱	04/04/12 07:00	04/05/12 18:26	1.00
PCB-1232	ND		0.0411	0.0210	mg/kg dry	✱	04/04/12 07:00	04/05/12 18:26	1.00
PCB-1242	ND		0.0411	0.0321	mg/kg dry	✱	04/04/12 07:00	04/05/12 18:26	1.00
PCB-1248	ND		0.0411	0.0370	mg/kg dry	✱	04/04/12 07:00	04/05/12 18:26	1.00
PCB-1254	ND		0.0411	0.0210	mg/kg dry	✱	04/04/12 07:00	04/05/12 18:26	1.00
PCB-1260	ND		0.0411	0.0345	mg/kg dry	✱	04/04/12 07:00	04/05/12 18:26	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	72		19 - 147	04/04/12 07:00	04/05/12 18:26	1.00
Decachlorobiphenyl	962	ZX	20 - 150	04/04/12 07:00	04/05/12 18:26	1.00

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	42.6		1.25	0.998	mg/kg dry	✱	04/07/12 19:12	04/07/12 23:24	2.00
Arsenic	9.25		1.25	0.249	mg/kg dry	✱	04/07/12 19:12	04/07/12 23:24	2.00
Beryllium	0.628	J	1.25	0.249	mg/kg dry	✱	04/07/12 19:12	04/07/12 23:24	2.00
Cobalt	9.22		1.25	0.249	mg/kg dry	✱	04/07/12 19:12	04/07/12 23:24	2.00
Copper	90.3		1.25	0.249	mg/kg dry	✱	04/07/12 19:12	04/07/12 23:24	2.00
Manganese	359		2.49	1.25	mg/kg dry	✱	04/07/12 19:12	04/07/12 23:24	2.00
Selenium	52.7		1.25	0.249	mg/kg dry	✱	04/07/12 19:12	04/07/12 23:24	2.00
Silver	ND		1.25	0.249	mg/kg dry	✱	04/07/12 19:12	04/07/12 23:24	2.00
Thallium	ND		1.25	0.623	mg/kg dry	✱	04/07/12 19:12	04/07/12 23:24	2.00
Vanadium	29.9		1.25	0.623	mg/kg dry	✱	04/07/12 19:12	04/07/12 23:24	2.00
Zinc	469		24.9	12.5	mg/kg dry	✱	04/07/12 19:12	04/07/12 23:24	2.00
Nickel	31.7		2.49	0.499	mg/kg dry	✱	04/07/12 19:12	04/07/12 23:24	2.00

Method: SW846 6020 - Total Metals by Method 6020 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	341		12.5	2.49	mg/kg dry	✱	04/07/12 19:12	04/12/12 13:22	20.0
Chromium	444		12.5	6.23	mg/kg dry	✱	04/07/12 19:12	04/12/12 13:22	20.0

Method: SW846 6020 - Total Metals by Method 6020 - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	10100		62.3	31.2	mg/kg dry	✱	04/07/12 19:12	04/12/12 13:48	100
Lead	1990		62.3	31.2	mg/kg dry	✱	04/07/12 19:12	04/12/12 13:48	100

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.062	mg/kg dry	✱	04/06/12 13:05	04/09/12 13:24	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.50	1.25	mg/kg dry	✱	04/06/12 09:40	04/09/12 10:16	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.50	1.25	mg/kg dry	✱	04/10/12 09:05	04/11/12 10:25	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-18-SO-040212-03

Lab Sample ID: NWD0116-02

Date Collected: 04/02/12 16:05

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 79.9

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	79.9		0.500	0.500	%		04/05/12 13:28	04/06/12 10:15	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-18-SO-040212-09

Lab Sample ID: NWD0116-03

Date Collected: 04/02/12 16:00

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 76.3

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0536	0.0268	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Benzene	0.0236		0.00214	0.00118	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Bromochloromethane	ND		0.00214	0.00129	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Bromodichloromethane	ND		0.00214	0.00107	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Bromoform	ND		0.00214	0.00107	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Bromomethane	ND		0.00214	0.00129	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
2-Butanone	ND		0.0536	0.0268	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Carbon disulfide	0.00486	J	0.00536	0.00386	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Carbon Tetrachloride	ND		0.00214	0.00107	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Chlorobenzene	ND		0.00214	0.00118	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Chlorodibromomethane	ND		0.00214	0.00107	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Chloroethane	ND		0.00536	0.00268	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Chloroform	0.00241	B	0.00214	0.00139	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Chloromethane	ND		0.00214	0.00118	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Cyclohexane	0.00974	J	0.0107	0.00536	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
1,2-Dibromo-3-chloropropane	ND		0.00536	0.00268	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
1,2-Dibromoethane (EDB)	ND		0.00214	0.00107	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
1,2-Dichlorobenzene	ND		0.00214	0.00107	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
1,3-Dichlorobenzene	ND		0.00214	0.00129	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
1,4-Dichlorobenzene	ND		0.00214	0.00118	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Dichlorodifluoromethane	ND		0.00214	0.00150	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
1,2-Dichloroethane	ND		0.00214	0.00118	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
1,1-Dichloroethane	ND		0.00214	0.00139	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
1,1-Dichloroethene	ND		0.00214	0.00129	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
trans-1,2-Dichloroethene	ND		0.00214	0.00139	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
cis-1,2-Dichloroethene	ND		0.00214	0.00118	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
1,2-Dichloropropane	ND		0.00214	0.00107	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
trans-1,3-Dichloropropene	ND		0.00214	0.00107	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
cis-1,3-Dichloropropene	ND		0.00214	0.00107	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Ethylbenzene	0.00312		0.00214	0.00118	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
2-Hexanone	ND		0.0536	0.0268	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Isopropylbenzene	0.0161		0.00214	0.00118	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Methyl Acetate	ND		0.0107	0.00536	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Methylcyclohexane	0.0810		0.0107	0.00536	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Methyl tert-Butyl Ether	ND		0.00214	0.00107	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Methylene Chloride	ND		0.0107	0.00536	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
4-Methyl-2-pentanone	ND		0.0536	0.0268	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
n-Propylbenzene	0.0238		0.00214	0.00118	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Styrene	ND		0.00214	0.00118	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
1,1,2,2-Tetrachloroethane	ND		0.00214	0.00107	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Tetrachloroethene	ND		0.00214	0.00139	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Tetrahydrofuran	ND		0.0214	0.0107	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Toluene	0.00469		0.00214	0.00118	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
1,2,4-Trichlorobenzene	ND		0.00214	0.00129	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
1,1,1-Trichloroethane	ND		0.00214	0.00107	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
1,1,2-Trichloroethane	ND		0.00536	0.00268	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Trichloroethene	ND		0.00214	0.00107	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Trichlorofluoromethane	ND		0.00214	0.00107	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Vinyl chloride	ND		0.00214	0.00107	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
Xylenes, total	0.00398	J	0.00536	0.00268	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00214	0.00118	mg/kg dry	☼	04/02/12 16:00	04/09/12 21:34	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-18-SO-040212-09

Lab Sample ID: NWD0116-03

Date Collected: 04/02/12 16:00

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 76.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	102		70 - 130	04/02/12 16:00	04/09/12 21:34	1.00
Dibromofluoromethane	93		70 - 130	04/02/12 16:00	04/09/12 21:34	1.00
Toluene-d8	108		70 - 130	04/02/12 16:00	04/09/12 21:34	1.00
4-Bromofluorobenzene	128		70 - 130	04/02/12 16:00	04/09/12 21:34	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0996		0.0863	0.0438	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Acenaphthylene	ND		0.0863	0.0438	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Acetophenone	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Anthracene	0.127		0.0863	0.0438	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Atrazine	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Benzaldehyde	ND	L2	2.15	1.07	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Benzo (a) anthracene	0.177		0.0863	0.0438	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Benzo (b) fluoranthene	0.164		0.0863	0.0438	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Benzo (a) pyrene	0.163		0.0863	0.0438	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Benzo (g,h,i) perylene	0.0957		0.0863	0.0438	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Benzo (k) fluoranthene	0.121		0.0863	0.0438	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Biphenyl	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
4-Bromophenyl phenyl ether	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Butyl benzyl phthalate	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
4-Chloro-3-methylphenol	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
4-Chloroaniline	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Caprolactam	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Carbazole	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
2-Chloronaphthalene	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Bis(2-chloroethoxy)methane	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Bis(2-chloroethyl)ether	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Bis(2-chloroisopropyl)ether	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
2-Chlorophenol	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
4-Chlorophenyl phenyl ether	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Chrysene	0.175		0.0863	0.0438	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Dibenz (a,h) anthracene	0.0524	J	0.0863	0.0438	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Dibenzofuran	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Di-n-butyl phthalate	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
3,3-Dichlorobenzidine	ND		0.859	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
2,4-Dichlorophenol	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Diethyl phthalate	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
2,4-Dimethylphenol	ND		0.429	0.247	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Dimethyl phthalate	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
4,6-Dinitro-2-methylphenol	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
2,4-Dinitrophenol	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
2,6-Dinitrotoluene	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
2,4-Dinitrotoluene	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Di-n-octyl phthalate	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Bis(2-ethylhexyl)phthalate	0.327	J	0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Fluoranthene	0.522		0.0863	0.0438	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Fluorene	0.136		0.0863	0.0438	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Hexachlorobenzene	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Hexachlorobutadiene	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Hexachlorocyclopentadiene	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00
Hexachloroethane	ND		0.429	0.215	mg/kg dry	☆	04/06/12 13:15	04/08/12 22:28	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-18-SO-040212-09

Lab Sample ID: NWD0116-03

Date Collected: 04/02/12 16:00

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 76.3

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	0.0931		0.0863	0.0438	mg/kg dry	☼	04/06/12 13:15	04/08/12 22:28	1.00
Isophorone	ND		0.429	0.215	mg/kg dry	☼	04/06/12 13:15	04/08/12 22:28	1.00
2-Methylnaphthalene	0.0446	J	0.0863	0.0438	mg/kg dry	☼	04/06/12 13:15	04/08/12 22:28	1.00
2-Methylphenol	ND		0.429	0.215	mg/kg dry	☼	04/06/12 13:15	04/08/12 22:28	1.00
Naphthalene	ND		0.0863	0.0438	mg/kg dry	☼	04/06/12 13:15	04/08/12 22:28	1.00
2-Nitroaniline	ND		1.07	0.215	mg/kg dry	☼	04/06/12 13:15	04/08/12 22:28	1.00
3-Nitroaniline	ND		1.07	0.215	mg/kg dry	☼	04/06/12 13:15	04/08/12 22:28	1.00
4-Nitroaniline	ND		1.07	0.215	mg/kg dry	☼	04/06/12 13:15	04/08/12 22:28	1.00
Nitrobenzene	ND		0.429	0.215	mg/kg dry	☼	04/06/12 13:15	04/08/12 22:28	1.00
2-Nitrophenol	ND		0.429	0.252	mg/kg dry	☼	04/06/12 13:15	04/08/12 22:28	1.00
4-Nitrophenol	ND		0.429	0.215	mg/kg dry	☼	04/06/12 13:15	04/08/12 22:28	1.00
N-Nitrosodiphenylamine	ND		0.429	0.236	mg/kg dry	☼	04/06/12 13:15	04/08/12 22:28	1.00
N-Nitrosodi-n-propylamine	ND		0.429	0.215	mg/kg dry	☼	04/06/12 13:15	04/08/12 22:28	1.00
Pentachlorophenol	ND		1.07	0.215	mg/kg dry	☼	04/06/12 13:15	04/08/12 22:28	1.00
Phenanthrene	0.599		0.0863	0.0438	mg/kg dry	☼	04/06/12 13:15	04/08/12 22:28	1.00
Phenol	ND		0.429	0.215	mg/kg dry	☼	04/06/12 13:15	04/08/12 22:28	1.00
Pyrene	0.400		0.0863	0.0438	mg/kg dry	☼	04/06/12 13:15	04/08/12 22:28	1.00
2,4,5-Trichlorophenol	ND		1.07	0.215	mg/kg dry	☼	04/06/12 13:15	04/08/12 22:28	1.00
2,4,6-Trichlorophenol	ND		0.429	0.215	mg/kg dry	☼	04/06/12 13:15	04/08/12 22:28	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	53		17 - 120	04/06/12 13:15	04/08/12 22:28	1.00
Phenol-d5	55		18 - 120	04/06/12 13:15	04/08/12 22:28	1.00
2-Fluorobiphenyl	56		14 - 120	04/06/12 13:15	04/08/12 22:28	1.00
Nitrobenzene-d5	37		17 - 120	04/06/12 13:15	04/08/12 22:28	1.00
Terphenyl-d14	78		18 - 120	04/06/12 13:15	04/08/12 22:28	1.00
2,4,6-Tribromophenol	54		19 - 120	04/06/12 13:15	04/08/12 22:28	1.00

Method: TPH-D/Finger - Extractable Petroleum Hydrocarbons - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10 - C40	27.5	QP7	5.17	5.17	mg/kg dry	☼	04/09/12 10:55	04/10/12 02:06	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	82		50 - 150	04/09/12 10:55	04/10/12 02:06	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		16.2	8.11	mg/kg dry	☼	04/04/12 16:20	04/04/12 20:15	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	67	ZX	60 - 140	04/04/12 16:20	04/04/12 20:15	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0428	0.0270	mg/kg dry	☼	04/04/12 07:00	04/05/12 18:45	1.00
PCB-1221	ND		0.0428	0.0219	mg/kg dry	☼	04/04/12 07:00	04/05/12 18:45	1.00
PCB-1232	ND		0.0428	0.0219	mg/kg dry	☼	04/04/12 07:00	04/05/12 18:45	1.00
PCB-1242	ND		0.0428	0.0334	mg/kg dry	☼	04/04/12 07:00	04/05/12 18:45	1.00
PCB-1248	ND		0.0428	0.0386	mg/kg dry	☼	04/04/12 07:00	04/05/12 18:45	1.00
PCB-1254	ND		0.0428	0.0219	mg/kg dry	☼	04/04/12 07:00	04/05/12 18:45	1.00
PCB-1260	ND		0.0428	0.0360	mg/kg dry	☼	04/04/12 07:00	04/05/12 18:45	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-18-SO-040212-09

Lab Sample ID: NWD0116-03

Date Collected: 04/02/12 16:00

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 76.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	78		19 - 147	04/04/12 07:00	04/05/12 18:45	1.00
Decachlorobiphenyl	104		20 - 150	04/04/12 07:00	04/05/12 18:45	1.00

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	39.5		1.25	0.999	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:28	2.00
Arsenic	7.64		1.25	0.250	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:28	2.00
Beryllium	0.944	J	1.25	0.250	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:28	2.00
Cobalt	6.76		1.25	0.250	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:28	2.00
Copper	46.6		1.25	0.250	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:28	2.00
Manganese	238		2.50	1.25	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:28	2.00
Selenium	54.9		1.25	0.250	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:28	2.00
Silver	ND		1.25	0.250	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:28	2.00
Thallium	ND		1.25	0.624	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:28	2.00
Vanadium	32.1		1.25	0.624	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:28	2.00
Zinc	203		25.0	12.5	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:28	2.00
Nickel	23.5		2.50	0.499	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:28	2.00

Method: SW846 6020 - Total Metals by Method 6020 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	934		12.5	6.24	mg/kg dry	☼	04/07/12 19:12	04/12/12 13:26	20.0
Cadmium	414		12.5	2.50	mg/kg dry	☼	04/07/12 19:12	04/12/12 13:26	20.0
Chromium	174		12.5	6.24	mg/kg dry	☼	04/07/12 19:12	04/12/12 13:26	20.0
Lead	1010		12.5	6.24	mg/kg dry	☼	04/07/12 19:12	04/12/12 13:26	20.0

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.063	mg/kg dry	☼	04/06/12 13:05	04/09/12 13:26	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.62	1.31	mg/kg dry	☼	04/06/12 09:40	04/09/12 10:16	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.62	1.31	mg/kg dry	☼	04/10/12 09:05	04/11/12 10:23	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	76.3		0.500	0.500	%		04/05/12 13:28	04/06/12 10:15	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-18-SO-040212-10

Lab Sample ID: NWD0116-04

Date Collected: 04/02/12 16:02

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 78.2

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.179		0.0597	0.0298	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Bromochloromethane	ND		0.00239	0.00143	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Bromodichloromethane	ND		0.00239	0.00119	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Bromoform	ND		0.00239	0.00119	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Bromomethane	ND		0.00239	0.00143	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
2-Butanone	ND		0.0597	0.0298	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Carbon disulfide	ND		0.00597	0.00430	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Carbon Tetrachloride	ND		0.00239	0.00119	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Chlorobenzene	ND		0.00239	0.00131	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Chlorodibromomethane	ND		0.00239	0.00119	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Chloroethane	ND		0.00597	0.00298	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Chloroform	ND		0.00239	0.00155	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Chloromethane	ND		0.00239	0.00131	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Cyclohexane	0.205		0.0119	0.00597	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
1,2-Dibromo-3-chloropropane	ND		0.00597	0.00298	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
1,2-Dibromoethane (EDB)	ND		0.00239	0.00119	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
1,2-Dichlorobenzene	ND		0.00239	0.00119	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
1,3-Dichlorobenzene	ND		0.00239	0.00143	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
1,4-Dichlorobenzene	ND		0.00239	0.00131	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Dichlorodifluoromethane	ND		0.00239	0.00167	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
1,2-Dichloroethane	ND		0.00239	0.00131	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
1,1-Dichloroethane	ND		0.00239	0.00155	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
1,1-Dichloroethene	ND		0.00239	0.00143	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
trans-1,2-Dichloroethene	ND		0.00239	0.00155	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
cis-1,2-Dichloroethene	ND		0.00239	0.00131	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
1,2-Dichloropropane	ND		0.00239	0.00119	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
trans-1,3-Dichloropropene	ND		0.00239	0.00119	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
cis-1,3-Dichloropropene	ND		0.00239	0.00119	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
2-Hexanone	ND		0.0597	0.0298	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Methyl Acetate	ND		0.0119	0.00597	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Methyl tert-Butyl Ether	ND		0.00239	0.00119	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Methylene Chloride	ND		0.0119	0.00597	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
4-Methyl-2-pentanone	ND		0.0597	0.0298	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Styrene	ND		0.00239	0.00131	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
1,1,2,2-Tetrachloroethane	ND		0.00239	0.00119	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Tetrachloroethene	ND		0.00239	0.00155	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Tetrahydrofuran	ND		0.0239	0.0119	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
1,2,4-Trichlorobenzene	ND		0.00239	0.00143	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
1,1,1-Trichloroethane	ND		0.00239	0.00119	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
1,1,2-Trichloroethane	ND		0.00597	0.00298	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Trichloroethene	ND		0.00239	0.00119	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Trichlorofluoromethane	ND		0.00239	0.00119	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Vinyl chloride	ND		0.00239	0.00119	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00239	0.00131	mg/kg dry	☼	04/02/12 16:02	04/08/12 21:47	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	108		70 - 130				04/02/12 16:02	04/08/12 21:47	1.00
Dibromofluoromethane	90		70 - 130				04/02/12 16:02	04/08/12 21:47	1.00
Toluene-d8	110		70 - 130				04/02/12 16:02	04/08/12 21:47	1.00
4-Bromofluorobenzene	246	ZX	70 - 130				04/02/12 16:02	04/08/12 21:47	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-18-SO-040212-10

Lab Sample ID: NWD0116-04

Date Collected: 04/02/12 16:02

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 78.2

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.247		0.101	0.0557	mg/kg dry	☼	04/02/12 16:02	04/09/12 23:53	50.0
Ethylbenzene	2.36		0.101	0.0557	mg/kg dry	☼	04/02/12 16:02	04/09/12 23:53	50.0
Isopropylbenzene	1.32		0.101	0.0557	mg/kg dry	☼	04/02/12 16:02	04/09/12 23:53	50.0
Methylcyclohexane	1.74		0.506	0.253	mg/kg dry	☼	04/02/12 16:02	04/09/12 23:53	50.0
n-Propylbenzene	5.33		0.101	0.0557	mg/kg dry	☼	04/02/12 16:02	04/09/12 23:53	50.0
Toluene	0.238		0.101	0.0557	mg/kg dry	☼	04/02/12 16:02	04/09/12 23:53	50.0
Xylenes, total	2.86		0.253	0.126	mg/kg dry	☼	04/02/12 16:02	04/09/12 23:53	50.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	91		70 - 130	04/02/12 16:02	04/09/12 23:53	50.0
Dibromofluoromethane	89		70 - 130	04/02/12 16:02	04/09/12 23:53	50.0
Toluene-d8	104		70 - 130	04/02/12 16:02	04/09/12 23:53	50.0
4-Bromofluorobenzene	128		70 - 130	04/02/12 16:02	04/09/12 23:53	50.0

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.473		0.168	0.0851	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Acenaphthylene	ND		0.168	0.0851	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Acetophenone	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Anthracene	0.316		0.168	0.0851	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Atrazine	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Benzaldehyde	ND	L2	4.18	2.09	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Benzo (a) anthracene	0.501		0.168	0.0851	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Benzo (b) fluoranthene	0.538		0.168	0.0851	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Benzo (a) pyrene	0.446		0.168	0.0851	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Benzo (g,h,i) perylene	0.280		0.168	0.0851	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Benzo (k) fluoranthene	0.285		0.168	0.0851	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Biphenyl	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
4-Bromophenyl phenyl ether	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
4-Chloro-3-methylphenol	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
4-Chloroaniline	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Caprolactam	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Carbazole	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
2-Chloronaphthalene	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Bis(2-chloroethoxy)methane	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Bis(2-chloroethyl)ether	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Bis(2-chloroisopropyl)ether	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
2-Chlorophenol	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
4-Chlorophenyl phenyl ether	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Chrysene	0.564		0.168	0.0851	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Dibenz (a,h) anthracene	0.113	J	0.168	0.0851	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Dibenzofuran	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
3,3-Dichlorobenzidine	ND		1.67	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
2,4-Dichlorophenol	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Diethyl phthalate	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
2,4-Dimethylphenol	ND		0.834	0.481	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Dimethyl phthalate	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
4,6-Dinitro-2-methylphenol	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
2,4-Dinitrophenol	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
2,6-Dinitrotoluene	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
2,4-Dinitrotoluene	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-18-SO-040212-10

Lab Sample ID: NWD0116-04

Date Collected: 04/02/12 16:02

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 78.2

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Bis(2-ethylhexyl)phthalate	2.34		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Fluoranthene	1.41		0.168	0.0851	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Fluorene	0.527		0.168	0.0851	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Hexachlorobenzene	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Hexachlorobutadiene	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Hexachlorocyclopentadiene	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Hexachloroethane	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Indeno (1,2,3-cd) pyrene	0.265		0.168	0.0851	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Isophorone	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
2-Methylnaphthalene	3.37		0.168	0.0851	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
2-Methylphenol	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
2-Nitroaniline	ND		2.09	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
3-Nitroaniline	ND		2.09	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
4-Nitroaniline	ND		2.09	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Nitrobenzene	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
2-Nitrophenol	ND		0.834	0.491	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
4-Nitrophenol	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
N-Nitrosodiphenylamine	ND		0.834	0.458	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
N-Nitrosodi-n-propylamine	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Pentachlorophenol	ND		2.09	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Phenanthrene	1.81		0.168	0.0851	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Phenol	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
Pyrene	0.924		0.168	0.0851	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
2,4,5-Trichlorophenol	ND		2.09	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00
2,4,6-Trichlorophenol	ND		0.834	0.418	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:12	2.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	24		17 - 120	04/06/12 13:15	04/09/12 07:12	2.00
Phenol-d5	26		18 - 120	04/06/12 13:15	04/09/12 07:12	2.00
2-Fluorobiphenyl	31		14 - 120	04/06/12 13:15	04/09/12 07:12	2.00
Nitrobenzene-d5	17		17 - 120	04/06/12 13:15	04/09/12 07:12	2.00
Terphenyl-d14	40		18 - 120	04/06/12 13:15	04/09/12 07:12	2.00
2,4,6-Tribromophenol	31		19 - 120	04/06/12 13:15	04/09/12 07:12	2.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	16.6		0.839	0.426	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:30	10.0

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	91.0		41.7	20.9	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:42	100
Di-n-butyl phthalate	223		41.7	20.9	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:42	100

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		15.6	7.79	mg/kg dry	☼	04/04/12 16:20	04/04/12 20:31	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Butanol	116		60 - 140				04/04/12 16:20	04/04/12 20:31	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-18-SO-040212-10

Lab Sample ID: NWD0116-04

Date Collected: 04/02/12 16:02

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 78.2

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.419	0.264	mg/kg dry	☼	04/04/12 07:00	04/05/12 21:34	10.0
PCB-1221	ND		0.419	0.214	mg/kg dry	☼	04/04/12 07:00	04/05/12 21:34	10.0
PCB-1232	ND		0.419	0.214	mg/kg dry	☼	04/04/12 07:00	04/05/12 21:34	10.0
PCB-1242	ND		0.419	0.327	mg/kg dry	☼	04/04/12 07:00	04/05/12 21:34	10.0
PCB-1248	ND		0.419	0.377	mg/kg dry	☼	04/04/12 07:00	04/05/12 21:34	10.0
PCB-1254	ND		0.419	0.214	mg/kg dry	☼	04/04/12 07:00	04/05/12 21:34	10.0
PCB-1260	ND		0.419	0.352	mg/kg dry	☼	04/04/12 07:00	04/05/12 21:34	10.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene		Z3	19 - 147	04/04/12 07:00	04/05/12 21:34	10.0
Decachlorobiphenyl		Z3	20 - 150	04/04/12 07:00	04/05/12 21:34	10.0

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	66.1		1.29	1.03	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:31	2.00
Arsenic	9.54		1.29	0.257	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:31	2.00
Beryllium	0.824	J	1.29	0.257	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:31	2.00
Cobalt	8.85		1.29	0.257	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:31	2.00
Copper	66.7		1.29	0.257	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:31	2.00
Manganese	258		2.57	1.29	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:31	2.00
Selenium	55.2		1.29	0.257	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:31	2.00
Silver	0.283	J	1.29	0.257	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:31	2.00
Thallium	ND		1.29	0.643	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:31	2.00
Vanadium	34.1		1.29	0.643	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:31	2.00
Nickel	32.0		2.57	0.515	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:31	2.00

Method: SW846 6020 - Total Metals by Method 6020 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	987		12.9	6.43	mg/kg dry	☼	04/07/12 19:12	04/12/12 13:30	20.0
Cadmium	291		12.9	2.57	mg/kg dry	☼	04/07/12 19:12	04/12/12 13:30	20.0
Chromium	400		12.9	6.43	mg/kg dry	☼	04/07/12 19:12	04/12/12 13:30	20.0
Zinc	1130		257	129	mg/kg dry	☼	04/07/12 19:12	04/12/12 13:30	20.0

Method: SW846 6020 - Total Metals by Method 6020 - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3930		64.3	32.2	mg/kg dry	☼	04/07/12 19:12	04/12/12 13:52	100

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.063	mg/kg dry	☼	04/06/12 13:05	04/09/12 13:28	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.56	1.28	mg/kg dry	☼	04/06/12 09:40	04/09/12 10:16	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	22.3		2.56	1.28	mg/kg dry	☼	04/10/12 09:05	04/11/12 10:27	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	78.2		0.500	0.500	%		04/05/12 13:28	04/06/12 10:15	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: Trip Blank

Lab Sample ID: NWD0116-05

Date Collected: 04/02/12 00:01

Matrix: Water

Date Received: 04/03/12 08:00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Benzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Bromoform	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Chloroform	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Styrene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Toluene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/06/12 09:04	04/06/12 13:53	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:53	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: Trip Blank

Lab Sample ID: NWD0116-05

Date Collected: 04/02/12 00:01

Matrix: Water

Date Received: 04/03/12 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	106		70 - 130	04/06/12 09:04	04/06/12 13:53	1.00
Dibromofluoromethane	103		70 - 130	04/06/12 09:04	04/06/12 13:53	1.00
Toluene-d8	104		70 - 130	04/06/12 09:04	04/06/12 13:53	1.00
4-Bromofluorobenzene	102		70 - 130	04/06/12 09:04	04/06/12 13:53	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Acetate	ND		10.0	5.00	ug/L		04/09/12 10:25	04/09/12 16:22	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	99		70 - 130	04/09/12 10:25	04/09/12 16:22	1.00
Dibromofluoromethane	100		70 - 130	04/09/12 10:25	04/09/12 16:22	1.00
Toluene-d8	99		70 - 130	04/09/12 10:25	04/09/12 16:22	1.00
4-Bromofluorobenzene	101		70 - 130	04/09/12 10:25	04/09/12 16:22	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-19-SS-040212-00

Lab Sample ID: NWD0116-06

Date Collected: 04/02/12 10:08

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 85.2

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0441	0.0221	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Benzene	ND		0.00177	0.000971	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Bromochloromethane	ND		0.00177	0.00106	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Bromodichloromethane	ND		0.00177	0.000883	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Bromoform	ND		0.00177	0.000883	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Bromomethane	ND		0.00177	0.00106	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
2-Butanone	ND		0.0441	0.0221	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Carbon disulfide	ND		0.00441	0.00318	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Carbon Tetrachloride	ND		0.00177	0.000883	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Chlorobenzene	ND		0.00177	0.000971	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Chlorodibromomethane	ND		0.00177	0.000883	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Chloroethane	ND		0.00441	0.00221	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Chloroform	0.00209	B	0.00177	0.00115	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Chloromethane	ND		0.00177	0.000971	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Cyclohexane	ND		0.00883	0.00441	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
1,2-Dibromo-3-chloropropane	ND		0.00441	0.00221	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
1,2-Dibromoethane (EDB)	ND		0.00177	0.000883	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
1,2-Dichlorobenzene	ND		0.00177	0.000883	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
1,3-Dichlorobenzene	ND		0.00177	0.00106	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
1,4-Dichlorobenzene	ND		0.00177	0.000971	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Dichlorodifluoromethane	ND		0.00177	0.00124	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
1,2-Dichloroethane	ND		0.00177	0.000971	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
1,1-Dichloroethane	ND		0.00177	0.00115	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
1,1-Dichloroethene	ND		0.00177	0.00106	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
trans-1,2-Dichloroethene	ND		0.00177	0.00115	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
cis-1,2-Dichloroethene	ND		0.00177	0.000971	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
1,2-Dichloropropane	ND		0.00177	0.000883	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
trans-1,3-Dichloropropene	ND		0.00177	0.000883	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
cis-1,3-Dichloropropene	ND		0.00177	0.000883	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Ethylbenzene	ND		0.00177	0.000971	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
2-Hexanone	ND		0.0441	0.0221	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Isopropylbenzene	ND		0.00177	0.000971	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Methyl Acetate	ND		0.00883	0.00441	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Methylcyclohexane	ND		0.00883	0.00441	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Methyl tert-Butyl Ether	ND		0.00177	0.000883	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Methylene Chloride	ND		0.00883	0.00441	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
4-Methyl-2-pentanone	ND		0.0441	0.0221	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
n-Propylbenzene	ND		0.00177	0.000971	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Styrene	ND		0.00177	0.000971	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
1,1,2,2-Tetrachloroethane	ND		0.00177	0.000883	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Tetrachloroethene	ND		0.00177	0.00115	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Tetrahydrofuran	ND		0.0177	0.00883	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Toluene	ND		0.00177	0.000971	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
1,2,4-Trichlorobenzene	ND		0.00177	0.00106	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
1,1,1-Trichloroethane	ND		0.00177	0.000883	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
1,1,2-Trichloroethane	ND		0.00441	0.00221	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Trichloroethene	ND		0.00177	0.000883	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Trichlorofluoromethane	ND		0.00177	0.000883	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Vinyl chloride	ND		0.00177	0.000883	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
Xylenes, total	ND		0.00441	0.00221	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00177	0.000971	mg/kg dry	☼	04/02/12 10:08	04/09/12 22:02	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-19-SS-040212-00

Lab Sample ID: NWD0116-06

Date Collected: 04/02/12 10:08

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 85.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	106		70 - 130	04/02/12 10:08	04/09/12 22:02	1.00
Dibromofluoromethane	99		70 - 130	04/02/12 10:08	04/09/12 22:02	1.00
Toluene-d8	104		70 - 130	04/02/12 10:08	04/09/12 22:02	1.00
4-Bromofluorobenzene	103		70 - 130	04/02/12 10:08	04/09/12 22:02	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.154	0.0782	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Acenaphthylene	ND		0.154	0.0782	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Acetophenone	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Anthracene	0.193		0.154	0.0782	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Atrazine	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Benzaldehyde	ND	L2	3.84	1.92	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Benzo (a) anthracene	0.796		0.154	0.0782	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Benzo (b) fluoranthene	1.39		0.154	0.0782	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Benzo (a) pyrene	1.55		0.154	0.0782	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Benzo (g,h,i) perylene	1.53		0.154	0.0782	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Benzo (k) fluoranthene	0.981		0.154	0.0782	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Biphenyl	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
4-Bromophenyl phenyl ether	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Butyl benzyl phthalate	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
4-Chloro-3-methylphenol	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
4-Chloroaniline	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Caprolactam	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Carbazole	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
2-Chloronaphthalene	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Bis(2-chloroethoxy)methane	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Bis(2-chloroethyl)ether	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Bis(2-chloroisopropyl)ether	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
2-Chlorophenol	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
4-Chlorophenyl phenyl ether	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Chrysene	0.942		0.154	0.0782	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Dibenz (a,h) anthracene	ND		0.154	0.0782	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Dibenzofuran	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Di-n-butyl phthalate	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
3,3-Dichlorobenzidine	ND		1.53	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
2,4-Dichlorophenol	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Diethyl phthalate	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
2,4-Dimethylphenol	ND		0.766	0.442	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Dimethyl phthalate	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
4,6-Dinitro-2-methylphenol	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
2,4-Dinitrophenol	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
2,6-Dinitrotoluene	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
2,4-Dinitrotoluene	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Di-n-octyl phthalate	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Bis(2-ethylhexyl)phthalate	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Fluoranthene	1.25		0.154	0.0782	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Fluorene	ND		0.154	0.0782	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Hexachlorobenzene	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Hexachlorobutadiene	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Hexachlorocyclopentadiene	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00
Hexachloroethane	ND		0.766	0.384	mg/kg dry	☆	04/06/12 13:15	04/09/12 07:48	2.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-19-SS-040212-00

Lab Sample ID: NWD0116-06

Date Collected: 04/02/12 10:08

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 85.2

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	1.14		0.154	0.0782	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:48	2.00
Isophorone	ND		0.766	0.384	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:48	2.00
2-Methylnaphthalene	ND		0.154	0.0782	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:48	2.00
2-Methylphenol	ND		0.766	0.384	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:48	2.00
Naphthalene	ND		0.154	0.0782	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:48	2.00
2-Nitroaniline	ND		1.92	0.384	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:48	2.00
3-Nitroaniline	ND		1.92	0.384	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:48	2.00
4-Nitroaniline	ND		1.92	0.384	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:48	2.00
Nitrobenzene	ND		0.766	0.384	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:48	2.00
2-Nitrophenol	ND		0.766	0.451	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:48	2.00
4-Nitrophenol	ND		0.766	0.384	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:48	2.00
N-Nitrosodiphenylamine	ND		0.766	0.421	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:48	2.00
N-Nitrosodi-n-propylamine	ND		0.766	0.384	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:48	2.00
Pentachlorophenol	ND		1.92	0.384	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:48	2.00
Phenanthrene	0.545		0.154	0.0782	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:48	2.00
Phenol	ND		0.766	0.384	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:48	2.00
Pyrene	1.39		0.154	0.0782	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:48	2.00
2,4,5-Trichlorophenol	ND		1.92	0.384	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:48	2.00
2,4,6-Trichlorophenol	ND		0.766	0.384	mg/kg dry	☼	04/06/12 13:15	04/09/12 07:48	2.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	50		17 - 120	04/06/12 13:15	04/09/12 07:48	2.00
Phenol-d5	49		18 - 120	04/06/12 13:15	04/09/12 07:48	2.00
2-Fluorobiphenyl	55		14 - 120	04/06/12 13:15	04/09/12 07:48	2.00
Nitrobenzene-d5	53		17 - 120	04/06/12 13:15	04/09/12 07:48	2.00
Terphenyl-d14	81		18 - 120	04/06/12 13:15	04/09/12 07:48	2.00
2,4,6-Tribromophenol	55		19 - 120	04/06/12 13:15	04/09/12 07:48	2.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		13.5	6.74	mg/kg dry	☼	04/04/12 16:20	04/04/12 20:46	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	93		60 - 140	04/04/12 16:20	04/04/12 20:46	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	QSU	0.0383	0.0241	mg/kg dry	☼	04/04/12 07:00	04/11/12 05:38	1.00
PCB-1221	ND	QSU	0.0383	0.0195	mg/kg dry	☼	04/04/12 07:00	04/11/12 05:38	1.00
PCB-1232	ND	QSU	0.0383	0.0195	mg/kg dry	☼	04/04/12 07:00	04/11/12 05:38	1.00
PCB-1242	ND	QSU	0.0383	0.0299	mg/kg dry	☼	04/04/12 07:00	04/11/12 05:38	1.00
PCB-1248	ND	QSU	0.0383	0.0345	mg/kg dry	☼	04/04/12 07:00	04/11/12 05:38	1.00
PCB-1254	ND	QSU	0.0383	0.0195	mg/kg dry	☼	04/04/12 07:00	04/11/12 05:38	1.00
PCB-1260	0.819	QSU	0.0383	0.0322	mg/kg dry	☼	04/04/12 07:00	04/11/12 05:38	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	78		19 - 147	04/04/12 07:00	04/11/12 05:38	1.00
Decachlorobiphenyl	208	ZX	20 - 150	04/04/12 07:00	04/11/12 05:38	1.00

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	31.1		1.18	0.943	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:35	2.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-19-SS-040212-00

Lab Sample ID: NWD0116-06

Date Collected: 04/02/12 10:08

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 85.2

Method: SW846 6020 - Total Metals by Method 6020 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.43		1.18	0.236	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:35	2.00
Barium	296		1.18	0.590	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:35	2.00
Beryllium	0.665	J	1.18	0.236	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:35	2.00
Cadmium	5.44		1.18	0.236	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:35	2.00
Chromium	26.6		1.18	0.590	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:35	2.00
Cobalt	6.41		1.18	0.236	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:35	2.00
Copper	108		1.18	0.236	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:35	2.00
Manganese	201		2.36	1.18	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:35	2.00
Selenium	0.821	J	1.18	0.236	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:35	2.00
Silver	ND		1.18	0.236	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:35	2.00
Thallium	ND		1.18	0.590	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:35	2.00
Vanadium	25.2		1.18	0.590	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:35	2.00
Zinc	336		23.6	11.8	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:35	2.00
Nickel	25.4		2.36	0.472	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:35	2.00

Method: SW846 6020 - Total Metals by Method 6020 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	590		11.8	5.90	mg/kg dry	☼	04/07/12 19:12	04/12/12 13:33	20.0

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.062	J	0.12	0.058	mg/kg dry	☼	04/06/12 13:05	04/09/12 13:30	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	1.41	J	2.35	1.17	mg/kg dry	☼	04/06/12 09:40	04/09/12 10:16	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.35	1.17	mg/kg dry	☼	04/10/12 09:05	04/10/12 17:18	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	85.2		0.500	0.500	%		04/05/12 13:28	04/06/12 10:15	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-19-SO-040212-05

Lab Sample ID: NWD0116-07

Date Collected: 04/02/12 11:24

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 75.2

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0531	0.0266	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Benzene	0.0105		0.00212	0.00117	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Bromochloromethane	ND		0.00212	0.00127	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Bromodichloromethane	ND		0.00212	0.00106	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Bromoform	ND		0.00212	0.00106	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Bromomethane	ND		0.00212	0.00127	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
2-Butanone	ND		0.0531	0.0266	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Carbon disulfide	0.00773		0.00531	0.00382	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Carbon Tetrachloride	ND		0.00212	0.00106	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Chlorobenzene	ND		0.00212	0.00117	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Chlorodibromomethane	ND		0.00212	0.00106	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Chloroethane	ND		0.00531	0.00266	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Chloroform	ND		0.00212	0.00138	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Chloromethane	ND		0.00212	0.00117	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Cyclohexane	0.0190		0.0106	0.00531	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
1,2-Dibromo-3-chloropropane	ND		0.00531	0.00266	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
1,2-Dibromoethane (EDB)	ND		0.00212	0.00106	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
1,2-Dichlorobenzene	ND		0.00212	0.00106	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
1,3-Dichlorobenzene	ND		0.00212	0.00127	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
1,4-Dichlorobenzene	ND		0.00212	0.00117	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Dichlorodifluoromethane	ND		0.00212	0.00149	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
1,2-Dichloroethane	ND		0.00212	0.00117	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
1,1-Dichloroethane	ND		0.00212	0.00138	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
1,1-Dichloroethene	ND		0.00212	0.00127	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
trans-1,2-Dichloroethene	ND		0.00212	0.00138	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
cis-1,2-Dichloroethene	ND		0.00212	0.00117	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
1,2-Dichloropropane	ND		0.00212	0.00106	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
trans-1,3-Dichloropropene	ND		0.00212	0.00106	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
cis-1,3-Dichloropropene	ND		0.00212	0.00106	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
2-Hexanone	ND		0.0531	0.0266	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Methyl Acetate	ND		0.0106	0.00531	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Methyl tert-Butyl Ether	ND		0.00212	0.00106	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Methylene Chloride	ND		0.0106	0.00531	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
4-Methyl-2-pentanone	ND		0.0531	0.0266	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Styrene	ND		0.00212	0.00117	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
1,1,2,2-Tetrachloroethane	ND		0.00212	0.00106	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Tetrachloroethene	ND		0.00212	0.00138	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Tetrahydrofuran	ND		0.0212	0.0106	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
1,2,4-Trichlorobenzene	ND		0.00212	0.00127	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
1,1,1-Trichloroethane	ND		0.00212	0.00106	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
1,1,2-Trichloroethane	ND		0.00531	0.00266	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Trichloroethene	ND		0.00212	0.00106	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Trichlorofluoromethane	ND		0.00212	0.00106	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
Vinyl chloride	ND		0.00212	0.00106	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00212	0.00117	mg/kg dry	☼	04/02/12 11:24	04/08/12 22:43	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	97		70 - 130	04/02/12 11:24	04/08/12 22:43	1.00
Dibromofluoromethane	92		70 - 130	04/02/12 11:24	04/08/12 22:43	1.00
Toluene-d8	110		70 - 130	04/02/12 11:24	04/08/12 22:43	1.00
4-Bromofluorobenzene	138	ZX	70 - 130	04/02/12 11:24	04/08/12 22:43	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-19-SO-040212-05

Lab Sample ID: NWD0116-07

Date Collected: 04/02/12 11:24

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 75.2

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1.11		0.115	0.0631	mg/kg dry	☆	04/02/12 11:24	04/10/12 00:49	50.0
Isopropylbenzene	2.21		0.115	0.0631	mg/kg dry	☆	04/02/12 11:24	04/10/12 00:49	50.0
Methylcyclohexane	1.06		0.573	0.287	mg/kg dry	☆	04/02/12 11:24	04/10/12 00:49	50.0
Toluene	1.34		0.115	0.0631	mg/kg dry	☆	04/02/12 11:24	04/10/12 00:49	50.0
Xylenes, total	1.35		0.287	0.143	mg/kg dry	☆	04/02/12 11:24	04/10/12 00:49	50.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	90		70 - 130	04/02/12 11:24	04/10/12 00:49	50.0
Dibromofluoromethane	90		70 - 130	04/02/12 11:24	04/10/12 00:49	50.0
Toluene-d8	105		70 - 130	04/02/12 11:24	04/10/12 00:49	50.0
4-Bromofluorobenzene	111		70 - 130	04/02/12 11:24	04/10/12 00:49	50.0

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Propylbenzene	12.8		1.15	0.631	mg/kg dry	☆	04/02/12 11:24	04/11/12 01:32	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	93		70 - 130	04/02/12 11:24	04/11/12 01:32	500
Dibromofluoromethane	93		70 - 130	04/02/12 11:24	04/11/12 01:32	500
Toluene-d8	115		70 - 130	04/02/12 11:24	04/11/12 01:32	500
4-Bromofluorobenzene	93		70 - 130	04/02/12 11:24	04/11/12 01:32	500

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	10.3		0.354	0.180	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Acenaphthylene	ND		0.354	0.180	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Acetophenone	ND		1.76	0.882	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Anthracene	11.4		0.354	0.180	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Atrazine	ND		1.76	0.882	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Benzaldehyde	ND	L2	8.82	4.41	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Benzo (a) anthracene	5.40		0.354	0.180	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Benzo (b) fluoranthene	2.32		0.354	0.180	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Benzo (a) pyrene	1.92		0.354	0.180	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Benzo (g,h,i) perylene	0.363		0.354	0.180	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Benzo (k) fluoranthene	1.72		0.354	0.180	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Biphenyl	2.56		1.76	0.882	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
4-Bromophenyl phenyl ether	ND		1.76	0.882	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Butyl benzyl phthalate	ND		1.76	0.882	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
4-Chloro-3-methylphenol	ND		1.76	0.882	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
4-Chloroaniline	ND		1.76	0.882	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Caprolactam	ND		1.76	0.882	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Carbazole	0.900	J	1.76	0.882	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
2-Chloronaphthalene	ND		1.76	0.882	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Bis(2-chloroethoxy)methane	ND		1.76	0.882	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Bis(2-chloroethyl)ether	ND		1.76	0.882	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Bis(2-chloroisopropyl)ether	ND		1.76	0.882	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
2-Chlorophenol	ND		1.76	0.882	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
4-Chlorophenyl phenyl ether	ND		1.76	0.882	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Chrysene	5.71		0.354	0.180	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Dibenz (a,h) anthracene	0.275	J	0.354	0.180	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Dibenzofuran	11.5		1.76	0.882	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00
Di-n-butyl phthalate	12.8		1.76	0.882	mg/kg dry	☆	04/06/12 13:15	04/09/12 08:06	2.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-19-SO-040212-05

Lab Sample ID: NWD0116-07

Date Collected: 04/02/12 11:24

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 75.2

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3-Dichlorobenzidine	ND		3.52	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
2,4-Dichlorophenol	ND		1.76	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
Diethyl phthalate	ND		1.76	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
2,4-Dimethylphenol	ND		1.76	1.01	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
Dimethyl phthalate	ND		1.76	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
4,6-Dinitro-2-methylphenol	ND		1.76	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
2,4-Dinitrophenol	ND		1.76	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
2,6-Dinitrotoluene	ND		1.76	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
2,4-Dinitrotoluene	ND		1.76	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
Di-n-octyl phthalate	ND		1.76	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
Bis(2-ethylhexyl)phthalate	ND		1.76	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
Fluorene	16.0		0.354	0.180	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
Hexachlorobenzene	ND		1.76	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
Hexachlorobutadiene	ND		1.76	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
Hexachlorocyclopentadiene	ND		1.76	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
Hexachloroethane	ND		1.76	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
Indeno (1,2,3-cd) pyrene	0.477		0.354	0.180	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
Isophorone	ND		1.76	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
2-Methylnaphthalene	20.1		0.354	0.180	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
2-Methylphenol	ND		1.76	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
2-Nitroaniline	ND		4.40	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
3-Nitroaniline	ND		4.40	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
4-Nitroaniline	ND		4.40	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
Nitrobenzene	ND		1.76	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
2-Nitrophenol	ND		1.76	1.04	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
4-Nitrophenol	ND		1.76	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
N-Nitrosodiphenylamine	ND		1.76	0.967	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
N-Nitrosodi-n-propylamine	ND		1.76	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
Pentachlorophenol	ND		4.40	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
Phenol	ND		1.76	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
Pyrene	16.8		0.354	0.180	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
2,4,5-Trichlorophenol	ND		4.40	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00
2,4,6-Trichlorophenol	ND		1.76	0.882	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:06	2.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	47		17 - 120	04/06/12 13:15	04/09/12 08:06	2.00
Phenol-d5	6	ZX	18 - 120	04/06/12 13:15	04/09/12 08:06	2.00
2-Fluorobiphenyl	58		14 - 120	04/06/12 13:15	04/09/12 08:06	2.00
Nitrobenzene-d5	16	ZX	17 - 120	04/06/12 13:15	04/09/12 08:06	2.00
Terphenyl-d14	86		18 - 120	04/06/12 13:15	04/09/12 08:06	2.00
2,4,6-Tribromophenol	60		19 - 120	04/06/12 13:15	04/09/12 08:06	2.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	25.1		1.77	0.898	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:24	10.0
Naphthalene	24.5		1.77	0.898	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:24	10.0
Phenanthrene	51.9		1.77	0.898	mg/kg dry	☼	04/06/12 13:15	04/09/12 08:24	10.0

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		16.6	8.30	mg/kg dry	☼	04/04/12 16:20	04/04/12 21:01	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-19-SO-040212-05

Lab Sample ID: NWD0116-07

Date Collected: 04/02/12 11:24

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 75.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	96		60 - 140	04/04/12 16:20	04/04/12 21:01	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0440	0.0277	mg/kg dry	☼	04/04/12 07:00	04/05/12 21:53	1.00
PCB-1221	ND		0.0440	0.0224	mg/kg dry	☼	04/04/12 07:00	04/05/12 21:53	1.00
PCB-1232	ND		0.0440	0.0224	mg/kg dry	☼	04/04/12 07:00	04/05/12 21:53	1.00
PCB-1242	ND		0.0440	0.0343	mg/kg dry	☼	04/04/12 07:00	04/05/12 21:53	1.00
PCB-1248	ND		0.0440	0.0396	mg/kg dry	☼	04/04/12 07:00	04/05/12 21:53	1.00
PCB-1254	ND		0.0440	0.0224	mg/kg dry	☼	04/04/12 07:00	04/05/12 21:53	1.00
PCB-1260	ND		0.0440	0.0370	mg/kg dry	☼	04/04/12 07:00	04/05/12 21:53	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	46		19 - 147	04/04/12 07:00	04/05/12 21:53	1.00
Decachlorobiphenyl	210	ZX	20 - 150	04/04/12 07:00	04/05/12 21:53	1.00

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	7.82		1.27	1.02	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:38	2.00
Arsenic	6.40		1.27	0.255	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:38	2.00
Barium	354		1.27	0.637	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:38	2.00
Beryllium	0.943	J	1.27	0.255	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:38	2.00
Cadmium	52.0		1.27	0.255	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:38	2.00
Chromium	113		1.27	0.637	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:38	2.00
Cobalt	10.1		1.27	0.255	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:38	2.00
Copper	24.4		1.27	0.255	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:38	2.00
Manganese	285		2.55	1.27	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:38	2.00
Selenium	9.97		1.27	0.255	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:38	2.00
Silver	ND		1.27	0.255	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:38	2.00
Thallium	ND		1.27	0.637	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:38	2.00
Vanadium	31.1		1.27	0.637	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:38	2.00
Zinc	159		25.5	12.7	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:38	2.00
Nickel	21.5		2.55	0.510	mg/kg dry	☼	04/07/12 19:12	04/07/12 23:38	2.00

Method: SW846 6020 - Total Metals by Method 6020 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	682		12.7	6.37	mg/kg dry	☼	04/07/12 19:12	04/12/12 13:37	20.0

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.064	mg/kg dry	☼	04/06/12 13:05	04/09/12 13:32	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.66	1.33	mg/kg dry	☼	04/06/12 09:40	04/09/12 10:16	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.66	1.33	mg/kg dry	☼	04/10/12 09:05	04/10/12 17:18	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	75.2		0.500	0.500	%		04/05/12 13:28	04/06/12 10:15	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 12D0406-BLK1

Matrix: Soil

Analysis Batch: V005928

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0406_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0500	0.0250	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Benzene	ND		0.00200	0.00110	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Bromochloromethane	ND		0.00200	0.00120	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Bromodichloromethane	ND		0.00200	0.00100	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Bromoform	ND		0.00200	0.00100	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Bromomethane	ND		0.00200	0.00120	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
2-Butanone	ND		0.0500	0.0250	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Carbon disulfide	ND		0.00500	0.00360	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Carbon Tetrachloride	ND		0.00200	0.00100	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Chlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Chlorodibromomethane	ND		0.00200	0.00100	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Chloroethane	ND		0.00500	0.00250	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Chloroform	0.00227		0.00200	0.00130	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Chloromethane	ND		0.00200	0.00110	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Cyclohexane	ND		0.0100	0.00500	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
1,2-Dibromo-3-chloropropane	ND		0.00500	0.00250	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
1,2-Dibromoethane (EDB)	ND		0.00200	0.00100	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
1,2-Dichlorobenzene	ND		0.00200	0.00100	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
1,3-Dichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
1,4-Dichlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Dichlorodifluoromethane	ND		0.00200	0.00140	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
1,2-Dichloroethane	ND		0.00200	0.00110	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
1,1-Dichloroethane	ND		0.00200	0.00130	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
1,1-Dichloroethene	ND		0.00200	0.00120	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
trans-1,2-Dichloroethene	ND		0.00200	0.00130	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
cis-1,2-Dichloroethene	ND		0.00200	0.00110	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
1,2-Dichloropropane	ND		0.00200	0.00100	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
trans-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
cis-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Ethylbenzene	ND		0.00200	0.00110	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
2-Hexanone	ND		0.0500	0.0250	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Isopropylbenzene	ND		0.00200	0.00110	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Methyl Acetate	ND		0.0100	0.00500	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Methylcyclohexane	ND		0.0100	0.00500	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Methyl tert-Butyl Ether	ND		0.00200	0.00100	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Methylene Chloride	ND		0.0100	0.00500	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
4-Methyl-2-pentanone	ND		0.0500	0.0250	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
n-Propylbenzene	ND		0.00200	0.00110	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Styrene	ND		0.00200	0.00110	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
1,1,2,2-Tetrachloroethane	ND		0.00200	0.00100	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Tetrachloroethene	ND		0.00200	0.00130	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Tetrahydrofuran	ND		0.0200	0.0100	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Toluene	ND		0.00200	0.00110	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
1,2,4-Trichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
1,1,1-Trichloroethane	ND		0.00200	0.00100	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
1,1,2-Trichloroethane	ND		0.00500	0.00250	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Trichloroethene	ND		0.00200	0.00100	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Trichlorofluoromethane	ND		0.00200	0.00100	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Vinyl chloride	ND		0.00200	0.00100	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D0406-BLK1

Matrix: Soil

Analysis Batch: V005928

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0406_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, total	ND		0.00500	0.00250	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00200	0.00110	mg/kg wet		04/09/12 17:00	04/09/12 20:38	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	97		70 - 130				04/09/12 17:00	04/09/12 20:38	1.00
Dibromofluoromethane	94		70 - 130				04/09/12 17:00	04/09/12 20:38	1.00
Toluene-d8	104		70 - 130				04/09/12 17:00	04/09/12 20:38	1.00
4-Bromofluorobenzene	103		70 - 130				04/09/12 17:00	04/09/12 20:38	1.00

Lab Sample ID: 12D0406-BS1

Matrix: Soil

Analysis Batch: V005928

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0406_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	255		ug/kg		102	51 - 149
Benzene	50.0	53.6		ug/kg		107	75 - 127
Bromochloromethane	50.0	52.3		ug/kg		105	70 - 132
Bromodichloromethane	50.0	50.9		ug/kg		102	68 - 135
Bromoform	50.0	58.6		ug/kg		117	36 - 150
Bromomethane	50.0	53.4		ug/kg		107	43 - 142
2-Butanone	250	253		ug/kg		101	61 - 132
Carbon disulfide	50.0	51.0		ug/kg		102	74 - 135
Carbon Tetrachloride	50.0	53.3		ug/kg		107	70 - 141
Chlorobenzene	50.0	56.3		ug/kg		113	84 - 125
Chlorodibromomethane	50.0	61.2		ug/kg		122	66 - 134
Chloroethane	50.0	51.0		ug/kg		102	53 - 144
Chloroform	50.0	55.5	B	ug/kg		111	76 - 130
Chloromethane	50.0	39.0		ug/kg		78	23 - 150
Cyclohexane	50.0	51.0		ug/kg		102	70 - 133
1,2-Dibromo-3-chloropropane	50.0	59.8		ug/kg		120	49 - 142
1,2-Dibromoethane (EDB)	50.0	57.9		ug/kg		116	80 - 135
1,2-Dichlorobenzene	50.0	53.1		ug/kg		106	80 - 134
1,3-Dichlorobenzene	50.0	51.0		ug/kg		102	79 - 137
1,4-Dichlorobenzene	50.0	50.0		ug/kg		100	77 - 139
Dichlorodifluoromethane	50.0	35.8		ug/kg		72	12 - 144
1,2-Dichloroethane	50.0	50.4		ug/kg		101	65 - 134
1,1-Dichloroethane	50.0	53.2		ug/kg		106	75 - 124
1,1-Dichloroethene	50.0	51.3		ug/kg		103	75 - 131
trans-1,2-Dichloroethene	50.0	50.8		ug/kg		102	76 - 128
cis-1,2-Dichloroethene	50.0	52.6		ug/kg		105	75 - 125
1,2-Dichloropropane	50.0	49.3		ug/kg		99	69 - 120
trans-1,3-Dichloropropene	50.0	56.3		ug/kg		113	62 - 139
cis-1,3-Dichloropropene	50.0	62.8		ug/kg		126	73 - 148
Ethylbenzene	50.0	57.5		ug/kg		115	80 - 134
2-Hexanone	250	298		ug/kg		119	57 - 148
Isopropylbenzene	50.0	60.7		ug/kg		121	80 - 150
Methyl Acetate	50.0	17.7		ug/kg		35	11 - 170
Methylcyclohexane	50.0	50.4		ug/kg		101	69 - 140
Methyl tert-Butyl Ether	50.0	51.7		ug/kg		103	70 - 136

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D0406-BS1

Matrix: Soil

Analysis Batch: V005928

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0406_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	50.0	50.4		ug/kg		101	68 - 144
4-Methyl-2-pentanone	250	297		ug/kg		119	59 - 138
n-Propylbenzene	50.0	56.0		ug/kg		112	75 - 137
Styrene	50.0	56.6		ug/kg		113	82 - 137
1,1,2,2-Tetrachloroethane	50.0	64.6		ug/kg		129	66 - 134
Tetrachloroethene	50.0	53.0		ug/kg		106	78 - 140
Tetrahydrofuran	500	498		ug/kg		100	53 - 134
Toluene	50.0	57.8		ug/kg		116	80 - 132
1,2,4-Trichlorobenzene	50.0	42.4		ug/kg		85	62 - 150
1,1,1-Trichloroethane	50.0	53.6		ug/kg		107	72 - 140
1,1,2-Trichloroethane	50.0	59.8		ug/kg		120	78 - 128
Trichloroethene	50.0	49.5		ug/kg		99	77 - 127
Trichlorofluoromethane	50.0	45.4		ug/kg		91	50 - 140
Vinyl chloride	50.0	53.4		ug/kg		107	47 - 136
Xylenes, total	150	169		ug/kg		113	80 - 137
1,1,2-Trifluorotrichloroethane	50.0	49.3		ug/kg		99	67 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	97		70 - 130
Dibromofluoromethane	95		70 - 130
Toluene-d8	105		70 - 130
4-Bromofluorobenzene	103		70 - 130

Lab Sample ID: 12D0406-BSD1

Matrix: Soil

Analysis Batch: V005928

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D0406_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	250	230		ug/kg		92	51 - 149	10	50
Benzene	50.0	51.3		ug/kg		103	75 - 127	4	50
Bromochloromethane	50.0	50.8		ug/kg		102	70 - 132	3	50
Bromodichloromethane	50.0	47.9		ug/kg		96	68 - 135	6	50
Bromoform	50.0	55.6		ug/kg		111	36 - 150	5	50
Bromomethane	50.0	50.2		ug/kg		100	43 - 142	6	50
2-Butanone	250	241		ug/kg		96	61 - 132	5	50
Carbon disulfide	50.0	48.4		ug/kg		97	74 - 135	5	50
Carbon Tetrachloride	50.0	50.8		ug/kg		102	70 - 141	5	50
Chlorobenzene	50.0	53.9		ug/kg		108	84 - 125	4	50
Chlorodibromomethane	50.0	57.7		ug/kg		115	66 - 134	6	50
Chloroethane	50.0	48.8		ug/kg		98	53 - 144	5	50
Chloroform	50.0	52.3	B	ug/kg		105	76 - 130	6	49
Chloromethane	50.0	37.6		ug/kg		75	23 - 150	3	50
Cyclohexane	50.0	48.4		ug/kg		97	70 - 133	5	50
1,2-Dibromo-3-chloropropane	50.0	55.0		ug/kg		110	49 - 142	8	50
1,2-Dibromoethane (EDB)	50.0	56.5		ug/kg		113	80 - 135	2	50
1,2-Dichlorobenzene	50.0	51.5		ug/kg		103	80 - 134	3	50
1,3-Dichlorobenzene	50.0	50.0		ug/kg		100	79 - 137	2	50
1,4-Dichlorobenzene	50.0	48.7		ug/kg		97	77 - 139	3	50
Dichlorodifluoromethane	50.0	33.6		ug/kg		67	12 - 144	6	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D0406-BSD1

Matrix: Soil

Analysis Batch: V005928

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D0406_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits			
1,2-Dichloroethane	50.0	46.8		ug/kg		94	65 - 134	7	50	
1,1-Dichloroethane	50.0	50.4		ug/kg		101	75 - 124	5	50	
1,1-Dichloroethene	50.0	48.4		ug/kg		97	75 - 131	6	50	
trans-1,2-Dichloroethene	50.0	48.0		ug/kg		96	76 - 128	6	50	
cis-1,2-Dichloroethene	50.0	49.6		ug/kg		99	75 - 125	6	50	
1,2-Dichloropropane	50.0	46.9		ug/kg		94	69 - 120	5	50	
trans-1,3-Dichloropropene	50.0	54.7		ug/kg		109	62 - 139	3	50	
cis-1,3-Dichloropropene	50.0	59.0		ug/kg		118	73 - 148	6	50	
Ethylbenzene	50.0	54.9		ug/kg		110	80 - 134	4	50	
2-Hexanone	250	280		ug/kg		112	57 - 148	6	50	
Isopropylbenzene	50.0	58.7		ug/kg		117	80 - 150	3	50	
Methyl Acetate	50.0	18.2		ug/kg		36	11 - 170	3	50	
Methylcyclohexane	50.0	49.0		ug/kg		98	69 - 140	3	50	
Methyl tert-Butyl Ether	50.0	48.5		ug/kg		97	70 - 136	6	50	
Methylene Chloride	50.0	48.2		ug/kg		96	68 - 144	5	50	
4-Methyl-2-pentanone	250	279		ug/kg		112	59 - 138	6	50	
n-Propylbenzene	50.0	55.7		ug/kg		111	75 - 137	0.4	50	
Styrene	50.0	55.3		ug/kg		111	82 - 137	2	50	
1,1,2,2-Tetrachloroethane	50.0	61.6		ug/kg		123	66 - 134	5	50	
Tetrachloroethene	50.0	51.8		ug/kg		104	78 - 140	2	50	
Tetrahydrofuran	500	461		ug/kg		92	53 - 134	8	50	
Toluene	50.0	56.4		ug/kg		113	80 - 132	3	50	
1,2,4-Trichlorobenzene	50.0	40.4		ug/kg		81	62 - 150	5	50	
1,1,1-Trichloroethane	50.0	50.4		ug/kg		101	72 - 140	6	50	
1,1,2-Trichloroethane	50.0	57.0		ug/kg		114	78 - 128	5	50	
Trichloroethene	50.0	47.4		ug/kg		95	77 - 127	4	50	
Trichlorofluoromethane	50.0	43.4		ug/kg		87	50 - 140	5	50	
Vinyl chloride	50.0	50.2		ug/kg		100	47 - 136	6	50	
Xylenes, total	150	163		ug/kg		108	80 - 137	4	50	
1,1,2-Trifluorotrichloroethane	50.0	47.3		ug/kg		95	67 - 136	4	50	

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
1,2-Dichloroethane-d4	95		70 - 130
Dibromofluoromethane	94		70 - 130
Toluene-d8	106		70 - 130
4-Bromofluorobenzene	104		70 - 130

Lab Sample ID: 12D0406-MS1

Matrix: Soil

Analysis Batch: V005928

Client Sample ID: TP-18-SS-040212-00

Prep Type: Total

Prep Batch: 12D0406_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec.	
									Limits	
Acetone	ND		14.2	16.5		mg/kg dry	☼	116	19 - 175	
Benzene	1.04		2.83	3.90		mg/kg dry	☼	101	31 - 143	
Bromochloromethane	ND		2.83	2.65		mg/kg dry	☼	94	31 - 141	
Bromodichloromethane	ND		2.83	2.76		mg/kg dry	☼	97	19 - 148	
Bromoform	ND		2.83	2.86		mg/kg dry	☼	101	10 - 165	
Bromomethane	ND		2.83	2.26		mg/kg dry	☼	80	10 - 164	
2-Butanone	ND		14.2	13.1		mg/kg dry	☼	92	18 - 153	

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D0406-MS1

Matrix: Soil

Analysis Batch: V005928

Client Sample ID: TP-18-SS-040212-00

Prep Type: Total

Prep Batch: 12D0406_P

Analyte	Sample	Sample	Spike	Matrix Spike	Matrix Spike	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Carbon disulfide	ND		2.83	2.37		mg/kg dry	☼	84	32 - 144	
Carbon Tetrachloride	ND		2.83	2.55		mg/kg dry	☼	90	31 - 149	
Chlorobenzene	ND		2.83	3.17		mg/kg dry	☼	112	25 - 152	
Chlorodibromomethane	ND		2.83	3.00		mg/kg dry	☼	106	14 - 146	
Chloroethane	ND		2.83	2.27		mg/kg dry	☼	80	10 - 151	
Chloroform	0.122		2.83	2.84	B	mg/kg dry	☼	96	34 - 160	
Chloromethane	ND		2.83	1.67		mg/kg dry	☼	59	10 - 156	
Cyclohexane	ND		2.83	2.95		mg/kg dry	☼	104	32 - 158	
1,2-Dibromo-3-chloropropane	ND		2.83	2.73		mg/kg dry	☼	96	10 - 147	
1,2-Dibromoethane (EDB)	ND		2.83	2.90		mg/kg dry	☼	102	18 - 156	
1,2-Dichlorobenzene	ND		2.83	3.21		mg/kg dry	☼	114	10 - 160	
1,3-Dichlorobenzene	ND		2.83	3.30		mg/kg dry	☼	117	10 - 162	
1,4-Dichlorobenzene	ND		2.83	3.31		mg/kg dry	☼	117	11 - 159	
Dichlorodifluoromethane	ND		2.83	0.613		mg/kg dry	☼	22	10 - 143	
1,2-Dichloroethane	ND		2.83	2.43		mg/kg dry	☼	86	28 - 138	
1,1-Dichloroethane	ND		2.83	2.63		mg/kg dry	☼	93	42 - 136	
1,1-Dichloroethene	ND		2.83	2.37		mg/kg dry	☼	84	41 - 143	
trans-1,2-Dichloroethene	ND		2.83	2.59		mg/kg dry	☼	91	39 - 140	
cis-1,2-Dichloroethene	ND		2.83	2.66		mg/kg dry	☼	94	36 - 139	
1,2-Dichloropropane	ND		2.83	2.66		mg/kg dry	☼	94	20 - 146	
trans-1,3-Dichloropropene	ND		2.83	2.87		mg/kg dry	☼	101	10 - 157	
cis-1,3-Dichloropropene	ND		2.83	3.28		mg/kg dry	☼	116	15 - 166	
Ethylbenzene	3.67		2.83	7.73		mg/kg dry	☼	143	23 - 161	
2-Hexanone	ND		14.2	14.2		mg/kg dry	☼	100	10 - 169	
Isopropylbenzene	1.14		2.83	5.03		mg/kg dry	☼	137	23 - 181	
Methyl Acetate	0.480		2.83	2.76		mg/kg dry	☼	81	10 - 200	
Methylcyclohexane	2.33		2.83	5.79		mg/kg dry	☼	122	29 - 167	
Methyl tert-Butyl Ether	ND		2.83	2.48		mg/kg dry	☼	87	28 - 141	
Methylene Chloride	ND		2.83	2.49		mg/kg dry	☼	88	24 - 182	
4-Methyl-2-pentanone	ND		14.2	13.7		mg/kg dry	☼	97	10 - 168	
n-Propylbenzene	5.35	M7	2.83	9.84		mg/kg dry	☼	158	19 - 162	
Styrene	ND		2.83	3.31		mg/kg dry	☼	117	10 - 165	
1,1,1,2-Tetrachloroethane	ND		2.83	3.93		mg/kg dry	☼	139	10 - 162	
Tetrachloroethene	ND		2.83	3.14		mg/kg dry	☼	111	33 - 161	
Tetrahydrofuran	ND		28.3	24.3		mg/kg dry	☼	86	23 - 149	
Toluene	0.318		2.83	3.60		mg/kg dry	☼	116	30 - 155	
1,2,4-Trichlorobenzene	ND		2.83	3.32		mg/kg dry	☼	117	10 - 167	
1,1,1-Trichloroethane	ND		2.83	2.60		mg/kg dry	☼	92	35 - 149	
1,1,2-Trichloroethane	ND		2.83	3.07		mg/kg dry	☼	108	19 - 157	
Trichloroethene	ND		2.83	2.80		mg/kg dry	☼	99	27 - 153	
Trichlorofluoromethane	ND		2.83	2.05		mg/kg dry	☼	72	25 - 137	
Vinyl chloride	ND		2.83	2.29		mg/kg dry	☼	81	20 - 141	
Xylenes, total	0.690		8.50	10.8		mg/kg dry	☼	119	25 - 162	
1,1,2-Trifluorotrichloroethane	ND		2.83	2.67		mg/kg dry	☼	94	42 - 147	

Surrogate	Matrix Spike	Matrix Spike	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	86		70 - 130
Dibromofluoromethane	88		70 - 130
Toluene-d8	106		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D0406-MS1

Matrix: Soil

Analysis Batch: V005928

Client Sample ID: TP-18-SS-040212-00

Prep Type: Total

Prep Batch: 12D0406_P

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
4-Bromofluorobenzene	123		70 - 130

Lab Sample ID: 12D0406-MSD1

Matrix: Soil

Analysis Batch: V005928

Client Sample ID: TP-18-SS-040212-00

Prep Type: Total

Prep Batch: 12D0406_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		14.2	19.9		mg/kg dry	☼	141	19 - 175	19	50
Benzene	1.04		2.83	4.16		mg/kg dry	☼	110	31 - 143	6	50
Bromochloromethane	ND		2.83	2.93		mg/kg dry	☼	104	31 - 141	10	50
Bromodichloromethane	ND		2.83	3.04		mg/kg dry	☼	107	19 - 148	10	50
Bromoform	ND		2.83	3.25		mg/kg dry	☼	115	10 - 165	13	50
Bromomethane	ND		2.83	2.56		mg/kg dry	☼	90	10 - 164	12	50
2-Butanone	ND		14.2	15.2		mg/kg dry	☼	108	18 - 153	15	50
Carbon disulfide	ND		2.83	2.54		mg/kg dry	☼	90	32 - 144	7	50
Carbon Tetrachloride	ND		2.83	2.84		mg/kg dry	☼	100	31 - 149	11	50
Chlorobenzene	ND		2.83	3.43		mg/kg dry	☼	121	25 - 152	8	50
Chlorodibromomethane	ND		2.83	3.38		mg/kg dry	☼	119	14 - 146	12	50
Chloroethane	ND		2.83	2.40		mg/kg dry	☼	85	10 - 151	6	50
Chloroform	0.122		2.83	3.04	B	mg/kg dry	☼	103	34 - 160	7	49
Chloromethane	ND		2.83	1.82		mg/kg dry	☼	64	10 - 156	9	50
Cyclohexane	ND		2.83	3.19		mg/kg dry	☼	113	32 - 158	8	50
1,2-Dibromo-3-chloropropane	ND		2.83	3.44		mg/kg dry	☼	121	10 - 147	23	50
1,2-Dibromoethane (EDB)	ND		2.83	3.26		mg/kg dry	☼	115	18 - 156	12	50
1,2-Dichlorobenzene	ND		2.83	3.56		mg/kg dry	☼	126	10 - 160	10	50
1,3-Dichlorobenzene	ND		2.83	3.57		mg/kg dry	☼	126	10 - 162	8	50
1,4-Dichlorobenzene	ND		2.83	3.55		mg/kg dry	☼	125	11 - 159	7	50
Dichlorodifluoromethane	ND		2.83	0.637		mg/kg dry	☼	22	10 - 143	4	50
1,2-Dichloroethane	ND		2.83	2.72		mg/kg dry	☼	96	28 - 138	11	50
1,1-Dichloroethane	ND		2.83	2.81		mg/kg dry	☼	99	42 - 136	7	50
1,1-Dichloroethene	ND		2.83	2.48		mg/kg dry	☼	88	41 - 143	4	50
trans-1,2-Dichloroethene	ND		2.83	2.72		mg/kg dry	☼	96	39 - 140	5	50
cis-1,2-Dichloroethene	ND		2.83	2.91		mg/kg dry	☼	103	36 - 139	9	50
1,2-Dichloropropane	ND		2.83	2.93		mg/kg dry	☼	104	20 - 146	10	50
trans-1,3-Dichloropropene	ND		2.83	3.19		mg/kg dry	☼	113	10 - 157	11	50
cis-1,3-Dichloropropene	ND		2.83	3.61		mg/kg dry	☼	127	15 - 166	9	50
Ethylbenzene	3.67		2.83	7.91		mg/kg dry	☼	149	23 - 161	2	50
2-Hexanone	ND		14.2	17.3		mg/kg dry	☼	122	10 - 169	20	50
Isopropylbenzene	1.14		2.83	5.24		mg/kg dry	☼	145	23 - 181	4	50
Methyl Acetate	0.480		2.83	3.46		mg/kg dry	☼	105	10 - 200	23	50
Methylcyclohexane	2.33		2.83	6.02		mg/kg dry	☼	130	29 - 167	4	50
Methyl tert-Butyl Ether	ND		2.83	2.78		mg/kg dry	☼	98	28 - 141	11	50
Methylene Chloride	ND		2.83	2.67		mg/kg dry	☼	94	24 - 182	7	50
4-Methyl-2-pentanone	ND		14.2	16.0		mg/kg dry	☼	113	10 - 168	15	50
n-Propylbenzene	5.35	M7	2.83	10.2	M7	mg/kg dry	☼	171	19 - 162	4	50
Styrene	ND		2.83	3.61		mg/kg dry	☼	127	10 - 165	8	50
1,1,1,2-Tetrachloroethane	ND		2.83	4.34		mg/kg dry	☼	153	10 - 162	10	50
Tetrachloroethene	ND		2.83	3.35		mg/kg dry	☼	118	33 - 161	6	50
Tetrahydrofuran	ND		28.3	28.5		mg/kg dry	☼	100	23 - 149	16	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D0406-MSD1

Matrix: Soil

Analysis Batch: V005928

Client Sample ID: TP-18-SS-040212-00

Prep Type: Total

Prep Batch: 12D0406_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	0.318		2.83	3.81		mg/kg dry	☼	123	30 - 155	6	50
1,2,4-Trichlorobenzene	ND		2.83	3.52		mg/kg dry	☼	124	10 - 167	6	50
1,1,1-Trichloroethane	ND		2.83	2.84		mg/kg dry	☼	100	35 - 149	9	50
1,1,2-Trichloroethane	ND		2.83	3.41		mg/kg dry	☼	120	19 - 157	10	50
Trichloroethene	ND		2.83	3.01		mg/kg dry	☼	106	27 - 153	7	50
Trichlorofluoromethane	ND		2.83	2.22		mg/kg dry	☼	79	25 - 137	8	50
Vinyl chloride	ND		2.83	1.34	R	mg/kg dry	☼	47	20 - 141	53	50
Xylenes, total	0.690		8.50	11.4		mg/kg dry	☼	126	25 - 162	5	50
1,1,2-Trifluorotrichloroethane	ND		2.83	2.82		mg/kg dry	☼	100	42 - 147	5	50

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits
1,2-Dichloroethane-d4	87		70 - 130
Dibromofluoromethane	90		70 - 130
Toluene-d8	106		70 - 130
4-Bromofluorobenzene	124		70 - 130

Lab Sample ID: 12D1636-BLK1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Benzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Bromoform	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Chloroform	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-BLK1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Styrene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Toluene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	106		70 - 130	04/06/12 09:04	04/06/12 11:43	1.00
Dibromofluoromethane	102		70 - 130	04/06/12 09:04	04/06/12 11:43	1.00
Toluene-d8	102		70 - 130	04/06/12 09:04	04/06/12 11:43	1.00
4-Bromofluorobenzene	105		70 - 130	04/06/12 09:04	04/06/12 11:43	1.00

Lab Sample ID: 12D1636-BS1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	238		ug/L		95	54 - 145
Benzene	50.0	51.0		ug/L		102	80 - 121
Bromochloromethane	50.0	47.3		ug/L		95	78 - 129
Bromodichloromethane	50.0	48.8		ug/L		98	75 - 129
Bromoform	50.0	53.4		ug/L		107	46 - 145
Bromomethane	50.0	61.6		ug/L		123	41 - 150
2-Butanone	250	212		ug/L		85	62 - 133
Carbon disulfide	50.0	49.3		ug/L		99	77 - 126
Carbon Tetrachloride	50.0	54.8		ug/L		110	64 - 147
Chlorobenzene	50.0	49.4		ug/L		99	80 - 120
Chlorodibromomethane	50.0	52.9		ug/L		106	69 - 133
Chloroethane	50.0	53.9		ug/L		108	72 - 120
Chloroform	50.0	54.3		ug/L		109	73 - 129
Chloromethane	50.0	52.6		ug/L		105	12 - 150

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-BS1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyclohexane	50.0	53.8		ug/L		108	73 - 122
1,2-Dibromo-3-chloropropane	50.0	47.8		ug/L		96	54 - 125
1,2-Dibromoethane (EDB)	50.0	47.7		ug/L		95	80 - 129
1,2-Dichlorobenzene	50.0	49.6		ug/L		99	80 - 121
1,3-Dichlorobenzene	50.0	50.8		ug/L		102	80 - 122
1,4-Dichlorobenzene	50.0	50.0		ug/L		100	80 - 120
Dichlorodifluoromethane	50.0	48.9		ug/L		98	37 - 127
1,2-Dichloroethane	50.0	49.7		ug/L		99	77 - 121
1,1-Dichloroethane	50.0	52.8		ug/L		106	78 - 125
1,1-Dichloroethene	50.0	50.0		ug/L		100	79 - 124
trans-1,2-Dichloroethene	50.0	53.7		ug/L		107	79 - 126
cis-1,2-Dichloroethene	50.0	52.9		ug/L		106	76 - 125
1,2-Dichloropropane	50.0	46.5		ug/L		93	75 - 120
trans-1,3-Dichloropropene	50.0	48.6		ug/L		97	63 - 134
cis-1,3-Dichloropropene	50.0	52.3		ug/L		105	74 - 140
Ethylbenzene	50.0	52.4		ug/L		105	80 - 130
2-Hexanone	250	242		ug/L		97	60 - 142
Isopropylbenzene	50.0	56.7		ug/L		113	80 - 141
Methyl Acetate	50.0	30.2	L2	ug/L		60	64 - 150
Methylcyclohexane	50.0	51.1		ug/L		102	71 - 129
Methyl tert-Butyl Ether	50.0	45.8		ug/L		92	72 - 133
Methylene Chloride	50.0	49.2		ug/L		98	79 - 123
4-Methyl-2-pentanone	250	218		ug/L		87	60 - 137
n-Propylbenzene	50.0	55.2		ug/L		110	75 - 129
Styrene	50.0	51.5		ug/L		103	80 - 127
1,1,2,2-Tetrachloroethane	50.0	48.1		ug/L		96	69 - 131
Tetrachloroethene	50.0	49.5		ug/L		99	80 - 126
Tetrahydrofuran	500	440		ug/L		88	51 - 124
Toluene	50.0	49.0		ug/L		98	80 - 126
1,2,4-Trichlorobenzene	50.0	51.5		ug/L		103	63 - 133
1,1,1-Trichloroethane	50.0	52.3		ug/L		105	78 - 135
1,1,2-Trichloroethane	50.0	45.1		ug/L		90	80 - 124
Trichloroethene	50.0	50.2		ug/L		100	80 - 123
Trichlorofluoromethane	50.0	46.4		ug/L		93	65 - 124
Vinyl chloride	50.0	55.8		ug/L		112	68 - 120
Xylenes, total	150	155		ug/L		103	80 - 132
1,1,2-Trifluorotrichloroethane	50.0	50.9		ug/L		102	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	104		70 - 130
Dibromofluoromethane	103		70 - 130
Toluene-d8	102		70 - 130
4-Bromofluorobenzene	105		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-BSD1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec.		RPD	RPD Limit
							Limits			
Acetone	250	228		ug/L		91	54 - 145		4	21
Benzene	50.0	50.6		ug/L		101	80 - 121		0.9	17
Bromochloromethane	50.0	47.4		ug/L		95	78 - 129		0.2	17
Bromodichloromethane	50.0	49.3		ug/L		99	75 - 129		1	18
Bromoform	50.0	51.8		ug/L		104	46 - 145		3	16
Bromomethane	50.0	61.8		ug/L		124	41 - 150		0.4	50
2-Butanone	250	222		ug/L		89	62 - 133		5	19
Carbon disulfide	50.0	50.6		ug/L		101	77 - 126		3	21
Carbon Tetrachloride	50.0	53.7		ug/L		107	64 - 147		2	19
Chlorobenzene	50.0	49.7		ug/L		99	80 - 120		0.5	14
Chlorodibromomethane	50.0	52.6		ug/L		105	69 - 133		0.5	15
Chloroethane	50.0	53.3		ug/L		107	72 - 120		1	20
Chloroform	50.0	54.9		ug/L		110	73 - 129		1	18
Chloromethane	50.0	54.6		ug/L		109	12 - 150		4	31
Cyclohexane	50.0	53.8		ug/L		108	73 - 122		0.02	16
1,2-Dibromo-3-chloropropane	50.0	47.5		ug/L		95	54 - 125		0.7	24
1,2-Dibromoethane (EDB)	50.0	47.6		ug/L		95	80 - 129		0.3	15
1,2-Dichlorobenzene	50.0	47.4		ug/L		95	80 - 121		4	15
1,3-Dichlorobenzene	50.0	49.4		ug/L		99	80 - 122		3	15
1,4-Dichlorobenzene	50.0	48.8		ug/L		98	80 - 120		2	15
Dichlorodifluoromethane	50.0	50.2		ug/L		100	37 - 127		3	18
1,2-Dichloroethane	50.0	50.0		ug/L		100	77 - 121		0.7	17
1,1-Dichloroethane	50.0	53.9		ug/L		108	78 - 125		2	17
1,1-Dichloroethene	50.0	51.1		ug/L		102	79 - 124		2	17
trans-1,2-Dichloroethene	50.0	55.0		ug/L		110	79 - 126		2	16
cis-1,2-Dichloroethene	50.0	53.4		ug/L		107	76 - 125		0.8	17
1,2-Dichloropropane	50.0	47.2		ug/L		94	75 - 120		2	17
trans-1,3-Dichloropropene	50.0	48.6		ug/L		97	63 - 134		0	14
cis-1,3-Dichloropropene	50.0	52.0		ug/L		104	74 - 140		0.6	15
Ethylbenzene	50.0	52.4		ug/L		105	80 - 130		0.04	15
2-Hexanone	250	235		ug/L		94	60 - 142		3	15
Isopropylbenzene	50.0	57.0		ug/L		114	80 - 141		0.6	16
Methyl Acetate	50.0	30.4	L2	ug/L		61	64 - 150		0.8	31
Methylcyclohexane	50.0	51.5		ug/L		103	71 - 129		0.8	19
Methyl tert-Butyl Ether	50.0	46.6		ug/L		93	72 - 133		2	16
Methylene Chloride	50.0	49.8		ug/L		100	79 - 123		1	17
4-Methyl-2-pentanone	250	216		ug/L		86	60 - 137		0.9	17
n-Propylbenzene	50.0	52.6		ug/L		105	75 - 129		5	17
Styrene	50.0	51.6		ug/L		103	80 - 127		0.08	24
1,1,2,2-Tetrachloroethane	50.0	45.7		ug/L		91	69 - 131		5	20
Tetrachloroethene	50.0	48.7		ug/L		97	80 - 126		2	16
Tetrahydrofuran	500	451		ug/L		90	51 - 124		2	18
Toluene	50.0	49.0		ug/L		98	80 - 126		0.1	15
1,2,4-Trichlorobenzene	50.0	50.2		ug/L		100	63 - 133		2	19
1,1,1-Trichloroethane	50.0	53.4		ug/L		107	78 - 135		2	17
1,1,2-Trichloroethane	50.0	45.4		ug/L		91	80 - 124		0.7	15
Trichloroethene	50.0	49.4		ug/L		99	80 - 123		1	17
Trichlorofluoromethane	50.0	46.2		ug/L		92	65 - 124		0.4	18
Vinyl chloride	50.0	56.1		ug/L		112	68 - 120		0.6	17

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-BSD1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Xylenes, total	150	155		ug/L		104	80 - 132	0.1	15
1,1,2-Trifluorotrichloroethane	50.0	51.5		ug/L		103	77 - 129	1	18
Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits						
1,2-Dichloroethane-d4	104		70 - 130						
Dibromofluoromethane	105		70 - 130						
Toluene-d8	102		70 - 130						
4-Bromofluorobenzene	98		70 - 130						

Lab Sample ID: 12D1636-MS1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		250	240		ug/L		96	45 - 141
Benzene	ND		50.0	56.3		ug/L		113	75 - 133
Bromochloromethane	ND		50.0	52.2		ug/L		104	67 - 139
Bromodichloromethane	ND		50.0	55.0		ug/L		110	70 - 140
Bromoform	ND		50.0	54.3		ug/L		109	42 - 147
Bromomethane	ND		50.0	65.3		ug/L		131	16 - 163
2-Butanone	ND		250	233		ug/L		93	50 - 138
Carbon disulfide	ND		50.0	50.3		ug/L		101	48 - 152
Carbon Tetrachloride	ND		50.0	62.7		ug/L		125	62 - 164
Chlorobenzene	ND		50.0	54.3		ug/L		109	80 - 129
Chlorodibromomethane	ND		50.0	57.5		ug/L		115	66 - 140
Chloroethane	ND		50.0	57.6		ug/L		115	58 - 137
Chloroform	ND		50.0	58.0		ug/L		116	66 - 138
Chloromethane	ND		50.0	55.8		ug/L		112	10 - 169
Cyclohexane	ND		50.0	58.8		ug/L		118	58 - 144
1,2-Dibromo-3-chloropropane	ND		50.0	51.4		ug/L		103	52 - 126
1,2-Dibromoethane (EDB)	ND		50.0	52.2		ug/L		104	75 - 137
1,2-Dichlorobenzene	ND		50.0	51.2		ug/L		102	79 - 128
1,3-Dichlorobenzene	ND		50.0	52.6		ug/L		105	77 - 131
1,4-Dichlorobenzene	ND		50.0	52.6		ug/L		105	78 - 126
Dichlorodifluoromethane	ND		50.0	54.0		ug/L		108	40 - 127
1,2-Dichloroethane	ND		50.0	55.6		ug/L		111	64 - 136
1,1-Dichloroethane	ND		50.0	59.3		ug/L		119	71 - 139
1,1-Dichloroethene	ND		50.0	55.6		ug/L		111	70 - 142
trans-1,2-Dichloroethene	ND		50.0	59.6		ug/L		119	66 - 143
cis-1,2-Dichloroethene	ND		50.0	58.3		ug/L		117	68 - 138
1,2-Dichloropropane	ND		50.0	51.6		ug/L		103	67 - 131
trans-1,3-Dichloropropene	ND		50.0	52.8		ug/L		106	59 - 135
cis-1,3-Dichloropropene	ND		50.0	57.6		ug/L		115	71 - 141
Ethylbenzene	ND		50.0	57.5		ug/L		115	79 - 139
2-Hexanone	ND		250	260		ug/L		104	50 - 150
Isopropylbenzene	ND		50.0	62.1		ug/L		124	80 - 153
Methyl Acetate	ND		50.0	31.3		ug/L		63	30 - 165
Methylcyclohexane	ND		50.0	52.0		ug/L		104	59 - 151
Methyl tert-Butyl Ether	ND		50.0	50.9		ug/L		102	66 - 141

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-MS1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	ND		50.0	52.1		ug/L		104	64 - 139
4-Methyl-2-pentanone	ND		250	244		ug/L		98	50 - 147
n-Propylbenzene	ND		50.0	57.8		ug/L		116	69 - 142
Styrene	ND		50.0	55.9		ug/L		112	61 - 148
1,1,2,2-Tetrachloroethane	ND		50.0	52.0		ug/L		104	56 - 143
Tetrachloroethene	ND		50.0	53.7		ug/L		107	72 - 145
Tetrahydrofuran	ND		500	520		ug/L		104	34 - 133
Toluene	ND		50.0	54.6		ug/L		109	75 - 136
1,2,4-Trichlorobenzene	ND		50.0	48.8		ug/L		98	60 - 136
1,1,1-Trichloroethane	ND		50.0	61.2		ug/L		122	76 - 149
1,1,2-Trichloroethane	ND		50.0	51.0		ug/L		102	74 - 134
Trichloroethene	ND		50.0	54.5		ug/L		109	73 - 144
Trichlorofluoromethane	ND		50.0	54.0		ug/L		108	58 - 139
Vinyl chloride	ND		50.0	60.2		ug/L		120	56 - 129
Xylenes, total	ND		150	170		ug/L		113	74 - 141
1,1,2-Trifluorotrichloroethane	ND		50.0	57.8		ug/L		116	72 - 148

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	108		70 - 130
Dibromofluoromethane	104		70 - 130
Toluene-d8	101		70 - 130
4-Bromofluorobenzene	103		70 - 130

Lab Sample ID: 12D1636-MSD1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Acetone	ND		250	241		ug/L		96	45 - 141	0.5	21
Benzene	ND		50.0	58.0		ug/L		116	75 - 133	3	17
Bromochloromethane	ND		50.0	54.4		ug/L		109	67 - 139	4	17
Bromodichloromethane	ND		50.0	55.8		ug/L		112	70 - 140	1	18
Bromoform	ND		50.0	56.7		ug/L		113	42 - 147	4	16
Bromomethane	ND		50.0	66.5		ug/L		133	16 - 163	2	50
2-Butanone	ND		250	236		ug/L		94	50 - 138	1	19
Carbon disulfide	ND		50.0	52.1		ug/L		104	48 - 152	4	21
Carbon Tetrachloride	ND		50.0	63.1		ug/L		126	62 - 164	0.6	19
Chlorobenzene	ND		50.0	55.3		ug/L		111	80 - 129	2	14
Chlorodibromomethane	ND		50.0	60.4		ug/L		121	66 - 140	5	15
Chloroethane	ND		50.0	60.2		ug/L		120	58 - 137	4	20
Chloroform	ND		50.0	59.5		ug/L		119	66 - 138	2	18
Chloromethane	ND		50.0	58.8		ug/L		118	10 - 169	5	31
Cyclohexane	ND		50.0	58.2		ug/L		116	58 - 144	1	16
1,2-Dibromo-3-chloropropane	ND		50.0	50.4		ug/L		101	52 - 126	2	24
1,2-Dibromoethane (EDB)	ND		50.0	53.3		ug/L		107	75 - 137	2	15
1,2-Dichlorobenzene	ND		50.0	52.3		ug/L		105	79 - 128	2	15
1,3-Dichlorobenzene	ND		50.0	54.1		ug/L		108	77 - 131	3	15
1,4-Dichlorobenzene	ND		50.0	54.2		ug/L		108	78 - 126	3	15
Dichlorodifluoromethane	ND		50.0	55.0		ug/L		110	40 - 127	2	18

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-MSD1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane	ND		50.0	56.2		ug/L		112	64 - 136	0.9	17
1,1-Dichloroethane	ND		50.0	61.1		ug/L		122	71 - 139	3	17
1,1-Dichloroethene	ND		50.0	57.0		ug/L		114	70 - 142	3	17
trans-1,2-Dichloroethene	ND		50.0	60.8		ug/L		122	66 - 143	2	16
cis-1,2-Dichloroethene	ND		50.0	60.1		ug/L		120	68 - 138	3	17
1,2-Dichloropropane	ND		50.0	52.8		ug/L		106	67 - 131	2	17
trans-1,3-Dichloropropene	ND		50.0	55.2		ug/L		110	59 - 135	4	14
cis-1,3-Dichloropropene	ND		50.0	58.1		ug/L		116	71 - 141	1	15
Ethylbenzene	ND		50.0	59.6		ug/L		119	79 - 139	4	15
2-Hexanone	ND		250	271		ug/L		109	50 - 150	4	15
Isopropylbenzene	ND		50.0	63.3		ug/L		127	80 - 153	2	16
Methyl Acetate	ND		50.0	32.1		ug/L		64	30 - 165	2	31
Methylcyclohexane	ND		50.0	51.0		ug/L		102	59 - 151	2	19
Methyl tert-Butyl Ether	ND		50.0	52.8		ug/L		106	66 - 141	4	16
Methylene Chloride	ND		50.0	54.5		ug/L		109	64 - 139	5	17
4-Methyl-2-pentanone	ND		250	258		ug/L		103	50 - 147	6	17
n-Propylbenzene	ND		50.0	57.9		ug/L		116	69 - 142	0.3	17
Styrene	ND		50.0	58.5		ug/L		117	61 - 148	5	24
1,1,2,2-Tetrachloroethane	ND		50.0	52.4		ug/L		105	56 - 143	0.7	20
Tetrachloroethene	ND		50.0	53.2		ug/L		106	72 - 145	0.9	16
Tetrahydrofuran	ND		500	511		ug/L		102	34 - 133	2	18
Toluene	ND		50.0	56.2		ug/L		112	75 - 136	3	15
1,2,4-Trichlorobenzene	ND		50.0	50.4		ug/L		101	60 - 136	3	19
1,1,1-Trichloroethane	ND		50.0	61.7		ug/L		123	76 - 149	0.8	17
1,1,2-Trichloroethane	ND		50.0	52.5		ug/L		105	74 - 134	3	15
Trichloroethene	ND		50.0	55.7		ug/L		111	73 - 144	2	17
Trichlorofluoromethane	ND		50.0	55.5		ug/L		111	58 - 139	3	18
Vinyl chloride	ND		50.0	63.2		ug/L		126	56 - 129	5	17
Xylenes, total	ND		150	175		ug/L		117	74 - 141	3	15
1,1,2-Trifluorotrichloroethane	ND		50.0	60.1		ug/L		120	72 - 148	4	18

Matrix Spike Dup Matrix Spike Dup

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4	106		70 - 130
Dibromofluoromethane	104		70 - 130
Toluene-d8	103		70 - 130
4-Bromofluorobenzene	104		70 - 130

Lab Sample ID: 12D1646-BLK1

Matrix: Soil

Analysis Batch: V005869

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1646_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0500	0.0250	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Benzene	ND		0.00200	0.00110	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Bromochloromethane	ND		0.00200	0.00120	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Bromodichloromethane	ND		0.00200	0.00100	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Bromoform	ND		0.00200	0.00100	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Bromomethane	ND		0.00200	0.00120	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
2-Butanone	ND		0.0500	0.0250	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1646-BLK1

Matrix: Soil

Analysis Batch: V005869

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1646_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		0.00500	0.00360	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Carbon Tetrachloride	ND		0.00200	0.00100	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Chlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Chlorodibromomethane	ND		0.00200	0.00100	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Chloroethane	ND		0.00500	0.00250	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Chloroform	ND		0.00200	0.00130	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Chloromethane	ND		0.00200	0.00110	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Cyclohexane	ND		0.0100	0.00500	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
1,2-Dibromo-3-chloropropane	ND		0.00500	0.00250	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
1,2-Dibromoethane (EDB)	ND		0.00200	0.00100	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
1,2-Dichlorobenzene	ND		0.00200	0.00100	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
1,3-Dichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
1,4-Dichlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Dichlorodifluoromethane	ND		0.00200	0.00140	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
1,2-Dichloroethane	ND		0.00200	0.00110	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
1,1-Dichloroethane	ND		0.00200	0.00130	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
1,1-Dichloroethene	ND		0.00200	0.00120	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
trans-1,2-Dichloroethene	ND		0.00200	0.00130	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
cis-1,2-Dichloroethene	ND		0.00200	0.00110	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
1,2-Dichloropropane	ND		0.00200	0.00100	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
trans-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
cis-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Ethylbenzene	ND		0.00200	0.00110	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
2-Hexanone	ND		0.0500	0.0250	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Isopropylbenzene	ND		0.00200	0.00110	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Methyl Acetate	ND		0.0100	0.00500	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Methylcyclohexane	ND		0.0100	0.00500	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Methyl tert-Butyl Ether	ND		0.00200	0.00100	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Methylene Chloride	ND		0.0100	0.00500	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
4-Methyl-2-pentanone	ND		0.0500	0.0250	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
n-Propylbenzene	ND		0.00200	0.00110	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Styrene	ND		0.00200	0.00110	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
1,1,2,2-Tetrachloroethane	ND		0.00200	0.00100	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Tetrachloroethene	ND		0.00200	0.00130	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Tetrahydrofuran	ND		0.0200	0.0100	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Toluene	ND		0.00200	0.00110	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
1,2,4-Trichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
1,1,1-Trichloroethane	ND		0.00200	0.00100	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
1,1,2-Trichloroethane	ND		0.00500	0.00250	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Trichloroethene	ND		0.00200	0.00100	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Trichlorofluoromethane	ND		0.00200	0.00100	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Vinyl chloride	ND		0.00200	0.00100	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
Xylenes, total	ND		0.00500	0.00250	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00200	0.00110	mg/kg wet		04/08/12 14:26	04/08/12 18:32	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	98		70 - 130	04/08/12 14:26	04/08/12 18:32	1.00
Dibromofluoromethane	95		70 - 130	04/08/12 14:26	04/08/12 18:32	1.00
Toluene-d8	104		70 - 130	04/08/12 14:26	04/08/12 18:32	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1646-BLK1

Matrix: Soil

Analysis Batch: V005869

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1646_P

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130	04/08/12 14:26	04/08/12 18:32	1.00

Lab Sample ID: 12D1646-BLK2

Matrix: Soil

Analysis Batch: V005869

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1646_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2.50	1.25	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Benzene	ND		0.100	0.0550	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Bromochloromethane	ND		0.100	0.0600	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Bromodichloromethane	ND		0.100	0.0500	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Bromoform	ND		0.100	0.0500	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Bromomethane	ND		0.100	0.0600	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
2-Butanone	2.29	J	2.50	1.25	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Carbon disulfide	ND		0.250	0.180	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Carbon Tetrachloride	ND		0.100	0.0500	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Chlorobenzene	ND		0.100	0.0550	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Chlorodibromomethane	ND		0.100	0.0500	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Chloroethane	ND		0.250	0.125	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Chloroform	ND		0.100	0.0650	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Chloromethane	ND		0.100	0.0550	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Cyclohexane	ND		0.500	0.250	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
1,2-Dibromo-3-chloropropane	ND		0.250	0.125	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
1,2-Dibromoethane (EDB)	ND		0.100	0.0500	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
1,2-Dichlorobenzene	ND		0.100	0.0500	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
1,3-Dichlorobenzene	ND		0.100	0.0600	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
1,4-Dichlorobenzene	ND		0.100	0.0550	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Dichlorodifluoromethane	ND		0.100	0.0700	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
1,2-Dichloroethane	ND		0.100	0.0550	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
1,1-Dichloroethane	ND		0.100	0.0650	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
1,1-Dichloroethene	ND		0.100	0.0600	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
trans-1,2-Dichloroethene	ND		0.100	0.0650	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
cis-1,2-Dichloroethene	ND		0.100	0.0550	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
1,2-Dichloropropane	ND		0.100	0.0500	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
trans-1,3-Dichloropropene	ND		0.100	0.0500	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
cis-1,3-Dichloropropene	ND		0.100	0.0500	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Ethylbenzene	ND		0.100	0.0550	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
2-Hexanone	ND		2.50	1.25	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Isopropylbenzene	ND		0.100	0.0550	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Methyl Acetate	0.804		0.500	0.250	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Methylcyclohexane	ND		0.500	0.250	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Methyl tert-Butyl Ether	ND		0.100	0.0500	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Methylene Chloride	ND		0.500	0.250	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
4-Methyl-2-pentanone	ND		2.50	1.25	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
n-Propylbenzene	ND		0.100	0.0550	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Styrene	ND		0.100	0.0550	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
1,1,2,2-Tetrachloroethane	ND		0.100	0.0500	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Tetrachloroethene	ND		0.100	0.0650	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Tetrahydrofuran	ND		1.00	0.500	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1646-BLK2

Matrix: Soil

Analysis Batch: V005869

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1646_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.100	0.0550	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
1,2,4-Trichlorobenzene	ND		0.100	0.0600	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
1,1,1-Trichloroethane	ND		0.100	0.0500	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
1,1,2-Trichloroethane	ND		0.250	0.125	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Trichloroethene	ND		0.100	0.0500	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Trichlorofluoromethane	ND		0.100	0.0500	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Vinyl chloride	ND		0.100	0.0500	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
Xylenes, total	ND		0.250	0.125	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0
1,1,2-Trifluorotrichloroethane	ND		0.100	0.0550	mg/kg wet		04/08/12 14:26	04/08/12 19:00	50.0

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	98		70 - 130	04/08/12 14:26	04/08/12 19:00	50.0
Dibromofluoromethane	94		70 - 130	04/08/12 14:26	04/08/12 19:00	50.0
Toluene-d8	105		70 - 130	04/08/12 14:26	04/08/12 19:00	50.0
4-Bromofluorobenzene	100		70 - 130	04/08/12 14:26	04/08/12 19:00	50.0

Lab Sample ID: 12D1646-BS1

Matrix: Soil

Analysis Batch: V005869

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1646_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	239		ug/kg		96	51 - 149
Benzene	50.0	52.6		ug/kg		105	75 - 127
Bromochloromethane	50.0	50.5		ug/kg		101	70 - 132
Bromodichloromethane	50.0	48.2		ug/kg		96	68 - 135
Bromoform	50.0	55.2		ug/kg		110	36 - 150
Bromomethane	50.0	52.5		ug/kg		105	43 - 142
2-Butanone	250	235	B	ug/kg		94	61 - 132
Carbon disulfide	50.0	50.7		ug/kg		101	74 - 135
Carbon Tetrachloride	50.0	52.9		ug/kg		106	70 - 141
Chlorobenzene	50.0	55.4		ug/kg		111	84 - 125
Chlorodibromomethane	50.0	56.9		ug/kg		114	66 - 134
Chloroethane	50.0	51.2		ug/kg		102	53 - 144
Chloroform	50.0	52.1		ug/kg		104	76 - 130
Chloromethane	50.0	42.6		ug/kg		85	23 - 150
Cyclohexane	50.0	50.6		ug/kg		101	70 - 133
1,2-Dibromo-3-chloropropane	50.0	54.6		ug/kg		109	49 - 142
1,2-Dibromoethane (EDB)	50.0	55.1		ug/kg		110	80 - 135
1,2-Dichlorobenzene	50.0	55.9		ug/kg		112	80 - 134
1,3-Dichlorobenzene	50.0	55.9		ug/kg		112	79 - 137
1,4-Dichlorobenzene	50.0	56.8		ug/kg		114	77 - 139
Dichlorodifluoromethane	50.0	48.0		ug/kg		96	12 - 144
1,2-Dichloroethane	50.0	49.5		ug/kg		99	65 - 134
1,1-Dichloroethane	50.0	51.6		ug/kg		103	75 - 124
1,1-Dichloroethene	50.0	51.8		ug/kg		104	75 - 131
trans-1,2-Dichloroethene	50.0	51.4		ug/kg		103	76 - 128
cis-1,2-Dichloroethene	50.0	50.7		ug/kg		101	75 - 125
1,2-Dichloropropane	50.0	48.4		ug/kg		97	69 - 120
trans-1,3-Dichloropropene	50.0	52.5		ug/kg		105	62 - 139

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1646-BS1

Matrix: Soil

Analysis Batch: V005869

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1646_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	
cis-1,3-Dichloropropene	50.0	59.6		ug/kg		119	73 - 148	
Ethylbenzene	50.0	56.2		ug/kg		112	80 - 134	
2-Hexanone	250	270		ug/kg		108	57 - 148	
Isopropylbenzene	50.0	59.7		ug/kg		119	80 - 150	
Methyl Acetate	50.0	33.7	B	ug/kg		67	11 - 170	
Methylcyclohexane	50.0	51.5		ug/kg		103	69 - 140	
Methyl tert-Butyl Ether	50.0	50.9		ug/kg		102	70 - 136	
Methylene Chloride	50.0	50.0		ug/kg		100	68 - 144	
4-Methyl-2-pentanone	250	269		ug/kg		108	59 - 138	
n-Propylbenzene	50.0	58.1		ug/kg		116	75 - 137	
Styrene	50.0	57.3		ug/kg		115	82 - 137	
1,1,2,2-Tetrachloroethane	50.0	57.6		ug/kg		115	66 - 134	
Tetrachloroethene	50.0	55.3		ug/kg		111	78 - 140	
Tetrahydrofuran	500	456		ug/kg		91	53 - 134	
Toluene	50.0	56.2		ug/kg		112	80 - 132	
1,2,4-Trichlorobenzene	50.0	54.3		ug/kg		109	62 - 150	
1,1,1-Trichloroethane	50.0	52.3		ug/kg		105	72 - 140	
1,1,2-Trichloroethane	50.0	55.9		ug/kg		112	78 - 128	
Trichloroethene	50.0	50.2		ug/kg		100	77 - 127	
Trichlorofluoromethane	50.0	48.2		ug/kg		96	50 - 140	
Vinyl chloride	50.0	56.9		ug/kg		114	47 - 136	
Xylenes, total	150	167		ug/kg		112	80 - 137	
1,1,2-Trifluorotrichloroethane	50.0	52.7		ug/kg		105	67 - 136	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	101		70 - 130
Dibromofluoromethane	95		70 - 130
Toluene-d8	105		70 - 130
4-Bromofluorobenzene	100		70 - 130

Lab Sample ID: 12D1646-BSD1

Matrix: Soil

Analysis Batch: V005869

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1646_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits			
Acetone	250	244		ug/kg		98	51 - 149	2		50
Benzene	50.0	54.2		ug/kg		108	75 - 127	3		50
Bromochloromethane	50.0	53.5		ug/kg		107	70 - 132	6		50
Bromodichloromethane	50.0	50.5		ug/kg		101	68 - 135	5		50
Bromoform	50.0	56.4		ug/kg		113	36 - 150	2		50
Bromomethane	50.0	53.6		ug/kg		107	43 - 142	2		50
2-Butanone	250	245	B	ug/kg		98	61 - 132	4		50
Carbon disulfide	50.0	51.3		ug/kg		103	74 - 135	1		50
Carbon Tetrachloride	50.0	54.0		ug/kg		108	70 - 141	2		50
Chlorobenzene	50.0	54.1		ug/kg		108	84 - 125	2		50
Chlorodibromomethane	50.0	57.3		ug/kg		115	66 - 134	0.6		50
Chloroethane	50.0	54.6		ug/kg		109	53 - 144	6		50
Chloroform	50.0	54.0		ug/kg		108	76 - 130	4		49
Chloromethane	50.0	44.4		ug/kg		89	23 - 150	4		50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1646-BSD1

Matrix: Soil

Analysis Batch: V005869

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1646_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits			
Cyclohexane	50.0	51.5		ug/kg		103	70 - 133		2	50
1,2-Dibromo-3-chloropropane	50.0	52.2		ug/kg		104	49 - 142		5	50
1,2-Dibromoethane (EDB)	50.0	54.2		ug/kg		108	80 - 135		2	50
1,2-Dichlorobenzene	50.0	53.3		ug/kg		107	80 - 134		5	50
1,3-Dichlorobenzene	50.0	53.9		ug/kg		108	79 - 137		4	50
1,4-Dichlorobenzene	50.0	54.1		ug/kg		108	77 - 139		5	50
Dichlorodifluoromethane	50.0	48.7		ug/kg		97	12 - 144		2	50
1,2-Dichloroethane	50.0	50.6		ug/kg		101	65 - 134		2	50
1,1-Dichloroethane	50.0	53.6		ug/kg		107	75 - 124		4	50
1,1-Dichloroethene	50.0	51.2		ug/kg		102	75 - 131		1	50
trans-1,2-Dichloroethene	50.0	51.7		ug/kg		103	76 - 128		0.7	50
cis-1,2-Dichloroethene	50.0	52.2		ug/kg		104	75 - 125		3	50
1,2-Dichloropropane	50.0	48.5		ug/kg		97	69 - 120		0.4	50
trans-1,3-Dichloropropene	50.0	51.8		ug/kg		104	62 - 139		1	50
cis-1,3-Dichloropropene	50.0	57.2		ug/kg		114	73 - 148		4	50
Ethylbenzene	50.0	55.0		ug/kg		110	80 - 134		2	50
2-Hexanone	250	270		ug/kg		108	57 - 148		0.07	50
Isopropylbenzene	50.0	58.8		ug/kg		118	80 - 150		2	50
Methyl Acetate	50.0	33.3	B	ug/kg		67	11 - 170		1	50
Methylcyclohexane	50.0	54.2		ug/kg		108	69 - 140		5	50
Methyl tert-Butyl Ether	50.0	51.7		ug/kg		103	70 - 136		2	50
Methylene Chloride	50.0	51.1		ug/kg		102	68 - 144		2	50
4-Methyl-2-pentanone	250	275		ug/kg		110	59 - 138		2	50
n-Propylbenzene	50.0	56.5		ug/kg		113	75 - 137		3	50
Styrene	50.0	56.5		ug/kg		113	82 - 137		1	50
1,1,2,2-Tetrachloroethane	50.0	58.1		ug/kg		116	66 - 134		1	50
Tetrachloroethene	50.0	53.2		ug/kg		106	78 - 140		4	50
Tetrahydrofuran	500	473		ug/kg		95	53 - 134		3	50
Toluene	50.0	55.1		ug/kg		110	80 - 132		2	50
1,2,4-Trichlorobenzene	50.0	52.1		ug/kg		104	62 - 150		4	50
1,1,1-Trichloroethane	50.0	54.0		ug/kg		108	72 - 140		3	50
1,1,2-Trichloroethane	50.0	54.9		ug/kg		110	78 - 128		2	50
Trichloroethene	50.0	51.1		ug/kg		102	77 - 127		2	50
Trichlorofluoromethane	50.0	49.7		ug/kg		99	50 - 140		3	50
Vinyl chloride	50.0	59.6		ug/kg		119	47 - 136		5	50
Xylenes, total	150	164		ug/kg		109	80 - 137		2	50
1,1,2-Trifluorotrichloroethane	50.0	54.9		ug/kg		110	67 - 136		4	50

Surrogate	LCS Dup		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	105		70 - 130
Dibromofluoromethane	100		70 - 130
Toluene-d8	105		70 - 130
4-Bromofluorobenzene	98		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1646-MS1

Matrix: Soil

Analysis Batch: V005869

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1646_P

Analyte	Sample	Sample	Spike	Matrix Spike	Matrix Spike	Unit	D	%Rec	Limits	
	Result	Qualifier	Added	Result	Qualifier					
Acetone	ND		101	191		mg/kg wet		188	19 - 175	
Benzene	ND		20.3	24.4		mg/kg wet		121	31 - 143	
Bromochloromethane	ND		20.3	24.7		mg/kg wet		122	31 - 141	
Bromodichloromethane	ND		20.3	23.6		mg/kg wet		117	19 - 148	
Bromoform	ND		20.3	27.1		mg/kg wet		134	10 - 165	
Bromomethane	ND		20.3	25.0		mg/kg wet		124	10 - 164	
2-Butanone	ND		101	146	B	mg/kg wet		144	18 - 153	
Carbon disulfide	ND		20.3	21.8		mg/kg wet		108	32 - 144	
Carbon Tetrachloride	ND		20.3	23.1		mg/kg wet		114	31 - 149	
Chlorobenzene	ND		20.3	27.0		mg/kg wet		133	25 - 152	
Chlorodibromomethane	ND		20.3	28.3		mg/kg wet		140	14 - 146	
Chloroethane	ND		20.3	24.5		mg/kg wet		121	10 - 151	
Chloroform	ND		20.3	23.9		mg/kg wet		118	34 - 160	
Chloromethane	ND		20.3	19.4		mg/kg wet		96	10 - 156	
Cyclohexane	ND		20.3	25.2		mg/kg wet		125	32 - 158	
1,2-Dibromo-3-chloropropane	ND		20.3	27.4		mg/kg wet		135	10 - 147	
1,2-Dibromoethane (EDB)	ND		20.3	28.0		mg/kg wet		138	18 - 156	
1,2-Dichlorobenzene	ND		20.3	27.4		mg/kg wet		135	10 - 160	
1,3-Dichlorobenzene	3.30		20.3	27.5		mg/kg wet		120	10 - 162	
1,4-Dichlorobenzene	3.28		20.3	30.4		mg/kg wet		134	11 - 159	
Dichlorodifluoromethane	ND		20.3	23.0		mg/kg wet		113	10 - 143	
1,2-Dichloroethane	0.976		20.3	23.4		mg/kg wet		111	28 - 138	
1,1-Dichloroethane	ND		20.3	24.0		mg/kg wet		119	42 - 136	
1,1-Dichloroethene	ND		20.3	22.4		mg/kg wet		111	41 - 143	
trans-1,2-Dichloroethene	ND		20.3	22.0		mg/kg wet		109	39 - 140	
cis-1,2-Dichloroethene	0.588		20.3	24.1		mg/kg wet		116	36 - 139	
1,2-Dichloropropane	ND		20.3	23.0		mg/kg wet		114	20 - 146	
trans-1,3-Dichloropropene	ND		20.3	26.4		mg/kg wet		130	10 - 157	
cis-1,3-Dichloropropene	ND		20.3	30.3		mg/kg wet		149	15 - 166	
Ethylbenzene	ND		20.3	27.6		mg/kg wet		136	23 - 161	
2-Hexanone	ND		101	153		mg/kg wet		151	10 - 169	
Isopropylbenzene	ND		20.3	29.6		mg/kg wet		146	23 - 181	
Methyl Acetate	ND		20.3	20.7	B	mg/kg wet		102	10 - 200	
Methylcyclohexane	ND		20.3	26.6		mg/kg wet		131	29 - 167	
Methyl tert-Butyl Ether	ND		20.3	23.8		mg/kg wet		118	28 - 141	
Methylene Chloride	ND		20.3	21.8		mg/kg wet		108	24 - 182	
4-Methyl-2-pentanone	ND		101	146		mg/kg wet		144	10 - 168	
n-Propylbenzene	14.6		20.3	29.3		mg/kg wet		73	19 - 162	
Styrene	ND		20.3	27.7		mg/kg wet		137	10 - 165	
1,1,2,2-Tetrachloroethane	ND		20.3	31.3		mg/kg wet		155	10 - 162	
Tetrachloroethene	ND		20.3	26.7		mg/kg wet		132	33 - 161	
Tetrahydrofuran	ND		203	273		mg/kg wet		135	23 - 149	
Toluene	ND		20.3	27.5		mg/kg wet		136	30 - 155	
1,2,4-Trichlorobenzene	ND		20.3	26.3		mg/kg wet		130	10 - 167	
1,1,1-Trichloroethane	ND		20.3	23.3		mg/kg wet		115	35 - 149	
1,1,2-Trichloroethane	ND		20.3	29.2		mg/kg wet		144	19 - 157	
Trichloroethene	ND		20.3	23.2		mg/kg wet		114	27 - 153	
Trichlorofluoromethane	ND		20.3	21.4		mg/kg wet		106	25 - 137	
Vinyl chloride	ND		20.3	26.2		mg/kg wet		129	20 - 141	

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1646-MS1

Matrix: Soil

Analysis Batch: V005869

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1646_P

	Sample	Sample	Spike	Matrix Spike	Matrix Spike			%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Xylenes, total	ND		60.8	81.5		mg/kg wet		134	25 - 162	
1,1,2-Trifluorotrichloroethane	ND		20.3	25.1		mg/kg wet		124	42 - 147	
						</				

Lab Sample ID: 12D1646-MSD1

Matrix: Soil

Analysis Batch: V005869

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1646_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		101	152		mg/kg wet		150	19 - 175	22	50
Benzene	ND		20.3	22.9		mg/kg wet		113	31 - 143	6	50
Bromochloromethane	ND		20.3	23.3		mg/kg wet		115	31 - 141	6	50
Bromodichloromethane	ND		20.3	22.6		mg/kg wet		112	19 - 148	4	50
Bromoform	ND		20.3	25.8		mg/kg wet		127	10 - 165	5	50
Bromomethane	ND		20.3	23.2		mg/kg wet		114	10 - 164	8	50
2-Butanone	ND		101	135	B	mg/kg wet		133	18 - 153	8	50
Carbon disulfide	ND		20.3	20.3		mg/kg wet		100	32 - 144	7	50
Carbon Tetrachloride	ND		20.3	21.8		mg/kg wet		108	31 - 149	6	50
Chlorobenzene	ND		20.3	25.0		mg/kg wet		123	25 - 152	8	50
Chlorodibromomethane	ND		20.3	26.1		mg/kg wet		129	14 - 146	8	50
Chloroethane	ND		20.3	23.4		mg/kg wet		116	10 - 151	5	50
Chloroform	ND		20.3	22.8		mg/kg wet		112	34 - 160	5	49
Chloromethane	ND		20.3	18.8		mg/kg wet		93	10 - 156	3	50
Cyclohexane	ND		20.3	23.5		mg/kg wet		116	32 - 158	7	50
1,2-Dibromo-3-chloropropane	ND		20.3	27.2		mg/kg wet		134	10 - 147	0.7	50
1,2-Dibromoethane (EDB)	ND		20.3	26.0		mg/kg wet		128	18 - 156	7	50
1,2-Dichlorobenzene	ND		20.3	25.6		mg/kg wet		126	10 - 160	7	50
1,3-Dichlorobenzene	3.30		20.3	25.5		mg/kg wet		110	10 - 162	8	50
1,4-Dichlorobenzene	3.28		20.3	28.4		mg/kg wet		124	11 - 159	7	50
Dichlorodifluoromethane	ND		20.3	21.8		mg/kg wet		107	10 - 143	5	50
1,2-Dichloroethane	0.976		20.3	22.1		mg/kg wet		104	28 - 138	6	50
1,1-Dichloroethane	ND		20.3	21.1		mg/kg wet		104	42 - 136	13	50
1,1-Dichloroethene	ND		20.3	20.3		mg/kg wet		100	41 - 143	10	50
trans-1,2-Dichloroethene	ND		20.3	20.6		mg/kg wet		102	39 - 140	7	50
cis-1,2-Dichloroethene	0.588		20.3	22.9		mg/kg wet		110	36 - 139	5	50
1,2-Dichloropropane	ND		20.3	21.5		mg/kg wet		106	20 - 146	7	50
trans-1,3-Dichloropropene	ND		20.3	25.0		mg/kg wet		123	10 - 157	6	50
cis-1,3-Dichloropropene	ND		20.3	28.6		mg/kg wet		141	15 - 166	6	50
Ethylbenzene	ND		20.3	25.3		mg/kg wet		125	23 - 161	9	50
2-Hexanone	ND		101	141		mg/kg wet		139	10 - 169	8	50
Isopropylbenzene	ND		20.3	27.3		mg/kg wet		135	23 - 181	8	50
Methyl Acetate	ND		20.3	21.2	B	mg/kg wet		105	10 - 200	2	50
Methylcyclohexane	ND		20.3	24.6		mg/kg wet		121	29 - 167	8	50
Methyl tert-Butyl Ether	ND		20.3	22.2		mg/kg wet		110	28 - 141	7	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1646-MSD1

Matrix: Soil

Analysis Batch: V005869

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1646_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methylene Chloride	ND		20.3	20.2		mg/kg wet		99	24 - 182	8	50
4-Methyl-2-pentanone	ND		101	141		mg/kg wet		139	10 - 168	3	50
n-Propylbenzene	14.6		20.3	27.2		mg/kg wet		62	19 - 162	7	50
Styrene	ND		20.3	26.1		mg/kg wet		129	10 - 165	6	50
1,1,2,2-Tetrachloroethane	ND		20.3	29.5		mg/kg wet		146	10 - 162	6	50
Tetrachloroethene	ND		20.3	24.2		mg/kg wet		120	33 - 161	10	50
Tetrahydrofuran	ND		203	261		mg/kg wet		129	23 - 149	4	50
Toluene	ND		20.3	25.6		mg/kg wet		126	30 - 155	7	50
1,2,4-Trichlorobenzene	ND		20.3	24.8		mg/kg wet		122	10 - 167	6	50
1,1,1-Trichloroethane	ND		20.3	21.5		mg/kg wet		106	35 - 149	8	50
1,1,2-Trichloroethane	ND		20.3	26.9		mg/kg wet		133	19 - 157	8	50
Trichloroethene	ND		20.3	21.2		mg/kg wet		105	27 - 153	9	50
Trichlorofluoromethane	ND		20.3	20.6		mg/kg wet		102	25 - 137	4	50
Vinyl chloride	ND		20.3	24.4		mg/kg wet		121	20 - 141	7	50
Xylenes, total	ND		60.8	74.6		mg/kg wet		123	25 - 162	9	50
1,1,2-Trifluorotrichloroethane	ND		20.3	23.1		mg/kg wet		114	42 - 147	8	50

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Matrix Spike Dup Limits
1,2-Dichloroethane-d4	95		70 - 130
Dibromofluoromethane	91		70 - 130
Toluene-d8	106		70 - 130
4-Bromofluorobenzene	104		70 - 130

Lab Sample ID: 12D1831-BLK1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Benzene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Bromoform	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Chloroform	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/09/12 10:25	04/09/12 13:09	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1831-BLK1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Styrene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Toluene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	100		70 - 130	04/09/12 10:25	04/09/12 13:09	1.00
Dibromofluoromethane	101		70 - 130	04/09/12 10:25	04/09/12 13:09	1.00
Toluene-d8	100		70 - 130	04/09/12 10:25	04/09/12 13:09	1.00
4-Bromofluorobenzene	100		70 - 130	04/09/12 10:25	04/09/12 13:09	1.00

Lab Sample ID: 12D1831-BS1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	292		ug/L		117	54 - 145
Benzene	50.0	51.6		ug/L		103	80 - 121
Bromochloromethane	50.0	49.7		ug/L		99	78 - 129
Bromodichloromethane	50.0	51.0		ug/L		102	75 - 129
Bromoform	50.0	53.1		ug/L		106	46 - 145
Bromomethane	50.0	52.6		ug/L		105	41 - 150
2-Butanone	250	253		ug/L		101	62 - 133

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1831-BS1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon disulfide	50.0	43.4		ug/L		87	77 - 126
Carbon Tetrachloride	50.0	49.4		ug/L		99	64 - 147
Chlorobenzene	50.0	48.4		ug/L		97	80 - 120
Chlorodibromomethane	50.0	54.8		ug/L		110	69 - 133
Chloroethane	50.0	48.8		ug/L		98	72 - 120
Chloroform	50.0	53.0		ug/L		106	73 - 129
Chloromethane	50.0	48.9		ug/L		98	12 - 150
Cyclohexane	50.0	50.9		ug/L		102	73 - 122
1,2-Dibromo-3-chloropropane	50.0	49.5		ug/L		99	54 - 125
1,2-Dibromoethane (EDB)	50.0	53.2		ug/L		106	80 - 129
1,2-Dichlorobenzene	50.0	51.7		ug/L		103	80 - 121
1,3-Dichlorobenzene	50.0	51.7		ug/L		103	80 - 122
1,4-Dichlorobenzene	50.0	50.9		ug/L		102	80 - 120
Dichlorodifluoromethane	50.0	49.2		ug/L		98	37 - 127
1,2-Dichloroethane	50.0	49.2		ug/L		98	77 - 121
1,1-Dichloroethane	50.0	45.2		ug/L		90	78 - 125
1,1-Dichloroethene	50.0	43.8		ug/L		88	79 - 124
trans-1,2-Dichloroethene	50.0	45.5		ug/L		91	79 - 126
cis-1,2-Dichloroethene	50.0	48.9		ug/L		98	76 - 125
1,2-Dichloropropane	50.0	50.7		ug/L		101	75 - 120
trans-1,3-Dichloropropene	50.0	52.8		ug/L		106	63 - 134
cis-1,3-Dichloropropene	50.0	54.9		ug/L		110	74 - 140
Ethylbenzene	50.0	48.7		ug/L		97	80 - 130
2-Hexanone	250	287		ug/L		115	60 - 142
Isopropylbenzene	50.0	52.3		ug/L		105	80 - 141
Methyl Acetate	50.0	31.8		ug/L		64	64 - 150
Methylcyclohexane	50.0	50.0		ug/L		100	71 - 129
Methyl tert-Butyl Ether	50.0	44.9		ug/L		90	72 - 133
Methylene Chloride	50.0	48.1		ug/L		96	79 - 123
4-Methyl-2-pentanone	250	278		ug/L		111	60 - 137
n-Propylbenzene	50.0	51.0		ug/L		102	75 - 129
Styrene	50.0	50.8		ug/L		102	80 - 127
1,1,2,2-Tetrachloroethane	50.0	54.1		ug/L		108	69 - 131
Tetrachloroethene	50.0	48.0		ug/L		96	80 - 126
Tetrahydrofuran	500	551		ug/L		110	51 - 124
Toluene	50.0	49.6		ug/L		99	80 - 126
1,2,4-Trichlorobenzene	50.0	56.8		ug/L		114	63 - 133
1,1,1-Trichloroethane	50.0	49.2		ug/L		98	78 - 135
1,1,2-Trichloroethane	50.0	52.1		ug/L		104	80 - 124
Trichloroethene	50.0	49.7		ug/L		99	80 - 123
Trichlorofluoromethane	50.0	39.3		ug/L		79	65 - 124
Vinyl chloride	50.0	52.4		ug/L		105	68 - 120
Xylenes, total	150	145		ug/L		97	80 - 132
1,1,2-Trifluorotrichloroethane	50.0	44.8		ug/L		90	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	96		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8	101		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1831-BS1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1831_P

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	99		70 - 130

Lab Sample ID: 12D1831-BSD1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	250	295		ug/L		118	54 - 145	0.9	21
Benzene	50.0	51.7		ug/L		103	80 - 121	0.2	17
Bromochloromethane	50.0	50.8		ug/L		102	78 - 129	2	17
Bromodichloromethane	50.0	51.4		ug/L		103	75 - 129	0.9	18
Bromoform	50.0	53.8		ug/L		108	46 - 145	1	16
Bromomethane	50.0	52.8		ug/L		106	41 - 150	0.6	50
2-Butanone	250	259		ug/L		103	62 - 133	2	19
Carbon disulfide	50.0	43.9		ug/L		88	77 - 126	1	21
Carbon Tetrachloride	50.0	49.9		ug/L		100	64 - 147	1	19
Chlorobenzene	50.0	48.6		ug/L		97	80 - 120	0.5	14
Chlorodibromomethane	50.0	55.2		ug/L		110	69 - 133	0.7	15
Chloroethane	50.0	49.4		ug/L		99	72 - 120	1	20
Chloroform	50.0	52.9		ug/L		106	73 - 129	0.09	18
Chloromethane	50.0	50.9		ug/L		102	12 - 150	4	31
Cyclohexane	50.0	51.4		ug/L		103	73 - 122	0.9	16
1,2-Dibromo-3-chloropropane	50.0	50.4		ug/L		101	54 - 125	2	24
1,2-Dibromoethane (EDB)	50.0	54.4		ug/L		109	80 - 129	2	15
1,2-Dichlorobenzene	50.0	52.3		ug/L		105	80 - 121	1	15
1,3-Dichlorobenzene	50.0	51.5		ug/L		103	80 - 122	0.5	15
1,4-Dichlorobenzene	50.0	50.8		ug/L		102	80 - 120	0.1	15
Dichlorodifluoromethane	50.0	50.0		ug/L		100	37 - 127	2	18
1,2-Dichloroethane	50.0	49.8		ug/L		100	77 - 121	1	17
1,1-Dichloroethane	50.0	45.4		ug/L		91	78 - 125	0.4	17
1,1-Dichloroethene	50.0	43.8		ug/L		88	79 - 124	0	17
trans-1,2-Dichloroethene	50.0	45.5		ug/L		91	79 - 126	0.2	16
cis-1,2-Dichloroethene	50.0	48.8		ug/L		98	76 - 125	0.3	17
1,2-Dichloropropane	50.0	51.1		ug/L		102	75 - 120	0.9	17
trans-1,3-Dichloropropene	50.0	53.0		ug/L		106	63 - 134	0.3	14
cis-1,3-Dichloropropene	50.0	55.0		ug/L		110	74 - 140	0.07	15
Ethylbenzene	50.0	48.6		ug/L		97	80 - 130	0.1	15
2-Hexanone	250	296		ug/L		119	60 - 142	3	15
Isopropylbenzene	50.0	52.2		ug/L		104	80 - 141	0.2	16
Methyl Acetate	50.0	32.5		ug/L		65	64 - 150	2	31
Methylcyclohexane	50.0	50.1		ug/L		100	71 - 129	0.3	19
Methyl tert-Butyl Ether	50.0	45.6		ug/L		91	72 - 133	2	16
Methylene Chloride	50.0	48.5		ug/L		97	79 - 123	0.9	17
4-Methyl-2-pentanone	250	282		ug/L		113	60 - 137	1	17
n-Propylbenzene	50.0	50.7		ug/L		101	75 - 129	0.7	17
Styrene	50.0	51.0		ug/L		102	80 - 127	0.5	24
1,1,2,2-Tetrachloroethane	50.0	54.6		ug/L		109	69 - 131	0.9	20
Tetrachloroethene	50.0	48.0		ug/L		96	80 - 126	0.04	16
Tetrahydrofuran	500	565		ug/L		113	51 - 124	2	18

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1831-BSD1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	50.0	49.4		ug/L		99	80 - 126	0.3	15
1,2,4-Trichlorobenzene	50.0	56.8		ug/L		114	63 - 133	0.1	19
1,1,1-Trichloroethane	50.0	49.8		ug/L		100	78 - 135	1	17
1,1,2-Trichloroethane	50.0	52.4		ug/L		105	80 - 124	0.5	15
Trichloroethene	50.0	50.0		ug/L		100	80 - 123	0.5	17
Trichlorofluoromethane	50.0	39.6		ug/L		79	65 - 124	0.8	18
Vinyl chloride	50.0	52.9		ug/L		106	68 - 120	0.8	17
Xylenes, total	150	145		ug/L		97	80 - 132	0.09	15
1,1,2-Trifluorotrichloroethane	50.0	45.3		ug/L		91	77 - 129	0.9	18

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
1,2-Dichloroethane-d4	97		70 - 130
Dibromofluoromethane	102		70 - 130
Toluene-d8	101		70 - 130
4-Bromofluorobenzene	99		70 - 130

Lab Sample ID: 12D1831-MS1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		250	256		ug/L		102	45 - 141
Benzene	ND		50.0	56.8		ug/L		114	75 - 133
Bromochloromethane	ND		50.0	54.3		ug/L		109	67 - 139
Bromodichloromethane	0.910		50.0	54.9		ug/L		108	70 - 140
Bromoform	ND		50.0	53.5		ug/L		107	42 - 147
Bromomethane	ND		50.0	60.9		ug/L		122	16 - 163
2-Butanone	ND		250	255		ug/L		102	50 - 138
Carbon disulfide	ND		50.0	49.7		ug/L		99	48 - 152
Carbon Tetrachloride	ND		50.0	57.4		ug/L		115	62 - 164
Chlorobenzene	ND		50.0	51.9		ug/L		104	80 - 129
Chlorodibromomethane	ND		50.0	57.1		ug/L		114	66 - 140
Chloroethane	ND		50.0	55.1		ug/L		110	58 - 137
Chloroform	11.9		50.0	66.7		ug/L		110	66 - 138
Chloromethane	ND		50.0	57.1		ug/L		114	10 - 169
Cyclohexane	ND		50.0	61.6		ug/L		123	58 - 144
1,2-Dibromo-3-chloropropane	ND		50.0	49.3		ug/L		99	52 - 126
1,2-Dibromoethane (EDB)	ND		50.0	55.8		ug/L		112	75 - 137
1,2-Dichlorobenzene	ND		50.0	55.0		ug/L		110	79 - 128
1,3-Dichlorobenzene	ND		50.0	54.9		ug/L		110	77 - 131
1,4-Dichlorobenzene	ND		50.0	54.2		ug/L		108	78 - 126
Dichlorodifluoromethane	ND		50.0	54.8		ug/L		110	40 - 127
1,2-Dichloroethane	ND		50.0	52.7		ug/L		105	64 - 136
1,1-Dichloroethane	ND		50.0	49.6		ug/L		99	71 - 139
1,1-Dichloroethene	ND		50.0	51.8		ug/L		104	70 - 142
trans-1,2-Dichloroethene	ND		50.0	50.6		ug/L		101	66 - 143
cis-1,2-Dichloroethene	ND		50.0	53.7		ug/L		107	68 - 138
1,2-Dichloropropane	ND		50.0	54.2		ug/L		108	67 - 131
trans-1,3-Dichloropropene	ND		50.0	53.9		ug/L		108	59 - 135

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1831-MS1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,3-Dichloropropene	ND		50.0	57.2		ug/L		114	71 - 141
Ethylbenzene	ND		50.0	53.1		ug/L		106	79 - 139
2-Hexanone	ND		250	285		ug/L		114	50 - 150
Isopropylbenzene	ND		50.0	57.1		ug/L		114	80 - 153
Methyl Acetate	ND		50.0	31.1		ug/L		62	30 - 165
Methylcyclohexane	ND		50.0	60.2		ug/L		120	59 - 151
Methyl tert-Butyl Ether	ND		50.0	46.6		ug/L		93	66 - 141
Methylene Chloride	ND		50.0	51.3		ug/L		103	64 - 139
4-Methyl-2-pentanone	ND		250	279		ug/L		112	50 - 147
n-Propylbenzene	ND		50.0	55.9		ug/L		112	69 - 142
Styrene	ND		50.0	54.3		ug/L		109	61 - 148
1,1,2,2-Tetrachloroethane	ND		50.0	55.5		ug/L		111	56 - 143
Tetrachloroethene	ND		50.0	53.8		ug/L		108	72 - 145
Tetrahydrofuran	ND		500	572		ug/L		114	34 - 133
Toluene	ND		50.0	53.7		ug/L		107	75 - 136
1,2,4-Trichlorobenzene	ND		50.0	58.6		ug/L		117	60 - 136
1,1,1-Trichloroethane	ND		50.0	55.4		ug/L		111	76 - 149
1,1,2-Trichloroethane	ND		50.0	54.5		ug/L		109	74 - 134
Trichloroethene	ND		50.0	55.3		ug/L		111	73 - 144
Trichlorofluoromethane	ND		50.0	48.2		ug/L		96	58 - 139
Vinyl chloride	ND		50.0	60.8		ug/L		122	56 - 129
Xylenes, total	ND		150	157		ug/L		105	74 - 141
1,1,2-Trifluorotrichloroethane	ND		50.0	54.6		ug/L		109	72 - 148

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	96		70 - 130
Dibromofluoromethane	103		70 - 130
Toluene-d8	99		70 - 130
4-Bromofluorobenzene	99		70 - 130

Lab Sample ID: 12D1831-MSD1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		250	261		ug/L		104	45 - 141	2	21
Benzene	ND		50.0	57.1		ug/L		114	75 - 133	0.5	17
Bromochloromethane	ND		50.0	53.4		ug/L		107	67 - 139	2	17
Bromodichloromethane	0.910		50.0	55.2		ug/L		109	70 - 140	0.6	18
Bromoform	ND		50.0	53.4		ug/L		107	42 - 147	0.1	16
Bromomethane	ND		50.0	63.1		ug/L		126	16 - 163	4	50
2-Butanone	ND		250	252		ug/L		101	50 - 138	1	19
Carbon disulfide	ND		50.0	50.4		ug/L		101	48 - 152	1	21
Carbon Tetrachloride	ND		50.0	57.2		ug/L		114	62 - 164	0.4	19
Chlorobenzene	ND		50.0	52.2		ug/L		104	80 - 129	0.7	14
Chlorodibromomethane	ND		50.0	56.7		ug/L		113	66 - 140	0.7	15
Chloroethane	ND		50.0	54.8		ug/L		110	58 - 137	0.5	20
Chloroform	11.9		50.0	67.2		ug/L		110	66 - 138	0.6	18
Chloromethane	ND		50.0	57.4		ug/L		115	10 - 169	0.5	31

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1831-MSD1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyclohexane	ND		50.0	61.7		ug/L		123	58 - 144	0.2	16
1,2-Dibromo-3-chloropropane	ND		50.0	49.1		ug/L		98	52 - 126	0.4	24
1,2-Dibromoethane (EDB)	ND		50.0	55.2		ug/L		110	75 - 137	1	15
1,2-Dichlorobenzene	ND		50.0	54.9		ug/L		110	79 - 128	0.2	15
1,3-Dichlorobenzene	ND		50.0	54.8		ug/L		110	77 - 131	0.09	15
1,4-Dichlorobenzene	ND		50.0	54.4		ug/L		109	78 - 126	0.2	15
Dichlorodifluoromethane	ND		50.0	54.2		ug/L		108	40 - 127	1	18
1,2-Dichloroethane	ND		50.0	52.2		ug/L		104	64 - 136	0.9	17
1,1-Dichloroethane	ND		50.0	49.6		ug/L		99	71 - 139	0.04	17
1,1-Dichloroethene	ND		50.0	51.7		ug/L		103	70 - 142	0.3	17
trans-1,2-Dichloroethene	ND		50.0	50.8		ug/L		102	66 - 143	0.5	16
cis-1,2-Dichloroethene	ND		50.0	53.4		ug/L		107	68 - 138	0.5	17
1,2-Dichloropropane	ND		50.0	54.7		ug/L		109	67 - 131	1	17
trans-1,3-Dichloropropene	ND		50.0	53.7		ug/L		107	59 - 135	0.3	14
cis-1,3-Dichloropropene	ND		50.0	57.0		ug/L		114	71 - 141	0.3	15
Ethylbenzene	ND		50.0	53.3		ug/L		107	79 - 139	0.4	15
2-Hexanone	ND		250	283		ug/L		113	50 - 150	0.7	15
Isopropylbenzene	ND		50.0	57.6		ug/L		115	80 - 153	0.9	16
Methyl Acetate	ND		50.0	30.8		ug/L		62	30 - 165	1	31
Methylcyclohexane	ND		50.0	60.4		ug/L		121	59 - 151	0.3	19
Methyl tert-Butyl Ether	ND		50.0	45.9		ug/L		92	66 - 141	2	16
Methylene Chloride	ND		50.0	51.2		ug/L		102	64 - 139	0.3	17
4-Methyl-2-pentanone	ND		250	277		ug/L		111	50 - 147	0.8	17
n-Propylbenzene	ND		50.0	56.2		ug/L		112	69 - 142	0.6	17
Styrene	ND		50.0	54.2		ug/L		108	61 - 148	0.04	24
1,1,2,2-Tetrachloroethane	ND		50.0	54.9		ug/L		110	56 - 143	1	20
Tetrachloroethene	ND		50.0	53.9		ug/L		108	72 - 145	0.1	16
Tetrahydrofuran	ND		500	565		ug/L		113	34 - 133	1	18
Toluene	ND		50.0	54.0		ug/L		108	75 - 136	0.6	15
1,2,4-Trichlorobenzene	ND		50.0	59.6		ug/L		119	60 - 136	2	19
1,1,1-Trichloroethane	ND		50.0	55.8		ug/L		112	76 - 149	0.7	17
1,1,2-Trichloroethane	ND		50.0	53.8		ug/L		108	74 - 134	1	15
Trichloroethene	ND		50.0	55.8		ug/L		112	73 - 144	1	17
Trichlorofluoromethane	ND		50.0	48.6		ug/L		97	58 - 139	0.8	18
Vinyl chloride	ND		50.0	61.2		ug/L		122	56 - 129	0.6	17
Xylenes, total	ND		150	158		ug/L		105	74 - 141	0.6	15
1,1,2-Trifluorotrichloroethane	ND		50.0	54.4		ug/L		109	72 - 148	0.2	18

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Matrix Spike Dup Limits
1,2-Dichloroethane-d4	96		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8	99		70 - 130
4-Bromofluorobenzene	100		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D2036-BLK1

Matrix: Soil

Analysis Batch: V005961

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D2036_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0500	0.0250	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Benzene	ND		0.00200	0.00110	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Bromochloromethane	ND		0.00200	0.00120	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Bromodichloromethane	ND		0.00200	0.00100	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Bromoform	ND		0.00200	0.00100	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Bromomethane	ND		0.00200	0.00120	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
2-Butanone	ND		0.0500	0.0250	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Carbon disulfide	ND		0.00500	0.00360	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Carbon Tetrachloride	ND		0.00200	0.00100	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Chlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Chlorodibromomethane	ND		0.00200	0.00100	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Chloroethane	ND		0.00500	0.00250	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Chloroform	ND		0.00200	0.00130	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Chloromethane	ND		0.00200	0.00110	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Cyclohexane	ND		0.0100	0.00500	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
1,2-Dibromo-3-chloropropane	ND		0.00500	0.00250	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
1,2-Dibromoethane (EDB)	ND		0.00200	0.00100	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
1,2-Dichlorobenzene	ND		0.00200	0.00100	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
1,3-Dichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
1,4-Dichlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Dichlorodifluoromethane	ND		0.00200	0.00140	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
1,2-Dichloroethane	ND		0.00200	0.00110	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
1,1-Dichloroethane	ND		0.00200	0.00130	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
1,1-Dichloroethene	ND		0.00200	0.00120	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
trans-1,2-Dichloroethene	ND		0.00200	0.00130	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
cis-1,2-Dichloroethene	ND		0.00200	0.00110	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
1,2-Dichloropropane	ND		0.00200	0.00100	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
trans-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
cis-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Ethylbenzene	ND		0.00200	0.00110	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
2-Hexanone	ND		0.0500	0.0250	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Isopropylbenzene	ND		0.00200	0.00110	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Methyl Acetate	ND		0.0100	0.00500	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Methylcyclohexane	ND		0.0100	0.00500	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Methyl tert-Butyl Ether	ND		0.00200	0.00100	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Methylene Chloride	ND		0.0100	0.00500	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
4-Methyl-2-pentanone	ND		0.0500	0.0250	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
n-Propylbenzene	ND		0.00200	0.00110	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Styrene	ND		0.00200	0.00110	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
1,1,2,2-Tetrachloroethane	ND		0.00200	0.00100	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Tetrachloroethene	ND		0.00200	0.00130	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Tetrahydrofuran	ND		0.0200	0.0100	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Toluene	ND		0.00200	0.00110	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
1,2,4-Trichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
1,1,1-Trichloroethane	ND		0.00200	0.00100	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
1,1,2-Trichloroethane	ND		0.00500	0.00250	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Trichloroethene	ND		0.00200	0.00100	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Trichlorofluoromethane	ND		0.00200	0.00100	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Vinyl chloride	ND		0.00200	0.00100	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D2036-BLK1

Matrix: Soil

Analysis Batch: V005961

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D2036_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, total	ND		0.00500	0.00250	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00200	0.00110	mg/kg wet		04/10/12 17:37	04/10/12 20:21	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	90		70 - 130				04/10/12 17:37	04/10/12 20:21	1.00
Dibromofluoromethane	94		70 - 130				04/10/12 17:37	04/10/12 20:21	1.00
Toluene-d8	108		70 - 130				04/10/12 17:37	04/10/12 20:21	1.00
4-Bromofluorobenzene	91		70 - 130				04/10/12 17:37	04/10/12 20:21	1.00

Lab Sample ID: 12D2036-BLK2

Matrix: Soil

Analysis Batch: V005961

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D2036_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2.50	1.25	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Benzene	ND		0.100	0.0550	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Bromochloromethane	ND		0.100	0.0600	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Bromodichloromethane	ND		0.100	0.0500	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Bromoform	ND		0.100	0.0500	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Bromomethane	ND		0.100	0.0600	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
2-Butanone	ND		2.50	1.25	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Carbon disulfide	ND		0.250	0.180	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Carbon Tetrachloride	ND		0.100	0.0500	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Chlorobenzene	ND		0.100	0.0550	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Chlorodibromomethane	ND		0.100	0.0500	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Chloroethane	ND		0.250	0.125	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Chloroform	ND		0.100	0.0650	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Chloromethane	ND		0.100	0.0550	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Cyclohexane	ND		0.500	0.250	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
1,2-Dibromo-3-chloropropane	ND		0.250	0.125	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
1,2-Dibromoethane (EDB)	ND		0.100	0.0500	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
1,2-Dichlorobenzene	ND		0.100	0.0500	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
1,3-Dichlorobenzene	ND		0.100	0.0600	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
1,4-Dichlorobenzene	ND		0.100	0.0550	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Dichlorodifluoromethane	ND		0.100	0.0700	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
1,2-Dichloroethane	ND		0.100	0.0550	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
1,1-Dichloroethane	ND		0.100	0.0650	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
1,1-Dichloroethene	ND		0.100	0.0600	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
trans-1,2-Dichloroethene	ND		0.100	0.0650	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
cis-1,2-Dichloroethene	ND		0.100	0.0550	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
1,2-Dichloropropane	ND		0.100	0.0500	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
trans-1,3-Dichloropropene	ND		0.100	0.0500	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
cis-1,3-Dichloropropene	ND		0.100	0.0500	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Ethylbenzene	ND		0.100	0.0550	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
2-Hexanone	ND		2.50	1.25	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Isopropylbenzene	ND		0.100	0.0550	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Methyl Acetate	0.960		0.500	0.250	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Methylcyclohexane	ND		0.500	0.250	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Methyl tert-Butyl Ether	ND		0.100	0.0500	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D2036-BLK2

Matrix: Soil

Analysis Batch: V005961

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D2036_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		0.500	0.250	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
4-Methyl-2-pentanone	ND		2.50	1.25	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
n-Propylbenzene	ND		0.100	0.0550	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Styrene	ND		0.100	0.0550	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
1,1,2,2-Tetrachloroethane	ND		0.100	0.0500	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Tetrachloroethene	ND		0.100	0.0650	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Tetrahydrofuran	ND		1.00	0.500	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Toluene	ND		0.100	0.0550	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
1,2,4-Trichlorobenzene	ND		0.100	0.0600	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
1,1,1-Trichloroethane	ND		0.100	0.0500	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
1,1,2-Trichloroethane	ND		0.250	0.125	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Trichloroethene	ND		0.100	0.0500	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Trichlorofluoromethane	ND		0.100	0.0500	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Vinyl chloride	ND		0.100	0.0500	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
Xylenes, total	ND		0.250	0.125	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0
1,1,2-Trifluorotrchloroethane	ND		0.100	0.0550	mg/kg wet		04/10/12 17:37	04/10/12 20:52	50.0

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	88		70 - 130	04/10/12 17:37	04/10/12 20:52	50.0
Dibromofluoromethane	92		70 - 130	04/10/12 17:37	04/10/12 20:52	50.0
Toluene-d8	109		70 - 130	04/10/12 17:37	04/10/12 20:52	50.0
4-Bromofluorobenzene	95		70 - 130	04/10/12 17:37	04/10/12 20:52	50.0

Lab Sample ID: 12D2036-BS1

Matrix: Soil

Analysis Batch: V005961

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D2036_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Acetone	250	212		ug/kg		85	51 - 149
Benzene	50.0	44.0		ug/kg		88	75 - 127
Bromochloromethane	50.0	45.9		ug/kg		92	70 - 132
Bromodichloromethane	50.0	43.6		ug/kg		87	68 - 135
Bromoform	50.0	59.0		ug/kg		118	36 - 150
Bromomethane	50.0	40.1		ug/kg		80	43 - 142
2-Butanone	250	227		ug/kg		91	61 - 132
Carbon disulfide	50.0	39.2		ug/kg		78	74 - 135
Carbon Tetrachloride	50.0	43.9		ug/kg		88	70 - 141
Chlorobenzene	50.0	53.8		ug/kg		108	84 - 125
Chlorodibromomethane	50.0	57.0		ug/kg		114	66 - 134
Chloroethane	50.0	41.0		ug/kg		82	53 - 144
Chloroform	50.0	43.0		ug/kg		86	76 - 130
Chloromethane	50.0	38.4		ug/kg		77	23 - 150
Cyclohexane	50.0	46.2		ug/kg		92	70 - 133
1,2-Dibromo-3-chloropropane	50.0	56.5		ug/kg		113	49 - 142
1,2-Dibromoethane (EDB)	50.0	55.6		ug/kg		111	80 - 135
1,2-Dichlorobenzene	50.0	57.5		ug/kg		115	80 - 134
1,3-Dichlorobenzene	50.0	59.3		ug/kg		119	79 - 137
1,4-Dichlorobenzene	50.0	58.7		ug/kg		117	77 - 139
Dichlorodifluoromethane	50.0	45.7		ug/kg		91	12 - 144

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D2036-BS1

Matrix: Soil

Analysis Batch: V005961

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D2036_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	50.0	40.3		ug/kg		81	65 - 134
1,1-Dichloroethane	50.0	39.9		ug/kg		80	75 - 124
1,1-Dichloroethene	50.0	43.8		ug/kg		88	75 - 131
trans-1,2-Dichloroethene	50.0	40.3		ug/kg		81	76 - 128
cis-1,2-Dichloroethene	50.0	41.3		ug/kg		83	75 - 125
1,2-Dichloropropane	50.0	39.8		ug/kg		80	69 - 120
trans-1,3-Dichloropropene	50.0	55.0		ug/kg		110	62 - 139
cis-1,3-Dichloropropene	50.0	57.0		ug/kg		114	73 - 148
Ethylbenzene	50.0	55.0		ug/kg		110	80 - 134
2-Hexanone	250	269		ug/kg		107	57 - 148
Isopropylbenzene	50.0	61.6		ug/kg		123	80 - 150
Methyl Acetate	50.0	99.2	B L1	ug/kg		198	11 - 170
Methylcyclohexane	50.0	51.2		ug/kg		102	69 - 140
Methyl tert-Butyl Ether	50.0	46.2		ug/kg		92	70 - 136
Methylene Chloride	50.0	42.8		ug/kg		86	68 - 144
4-Methyl-2-pentanone	250	267		ug/kg		107	59 - 138
n-Propylbenzene	50.0	56.5		ug/kg		113	75 - 137
Styrene	50.0	55.9		ug/kg		112	82 - 137
1,1,2,2-Tetrachloroethane	50.0	54.9		ug/kg		110	66 - 134
Tetrachloroethene	50.0	57.6		ug/kg		115	78 - 140
Tetrahydrofuran	500	428		ug/kg		86	53 - 134
Toluene	50.0	53.3		ug/kg		107	80 - 132
1,2,4-Trichlorobenzene	50.0	65.1		ug/kg		130	62 - 150
1,1,1-Trichloroethane	50.0	43.9		ug/kg		88	72 - 140
1,1,2-Trichloroethane	50.0	53.5		ug/kg		107	78 - 128
Trichloroethene	50.0	47.8		ug/kg		96	77 - 127
Trichlorofluoromethane	50.0	38.5		ug/kg		77	50 - 140
Vinyl chloride	50.0	39.7		ug/kg		79	47 - 136
Xylenes, total	150	155		ug/kg		104	80 - 137
1,1,2-Trifluorotrichloroethane	50.0	45.2		ug/kg		90	67 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	91		70 - 130
Dibromofluoromethane	94		70 - 130
Toluene-d8	108		70 - 130
4-Bromofluorobenzene	91		70 - 130

Lab Sample ID: 12D2036-BSD1

Matrix: Soil

Analysis Batch: V005961

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D2036_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	250	205		ug/kg		82	51 - 149	3	50
Benzene	50.0	43.7		ug/kg		87	75 - 127	0.7	50
Bromochloromethane	50.0	45.0		ug/kg		90	70 - 132	2	50
Bromodichloromethane	50.0	44.0		ug/kg		88	68 - 135	0.8	50
Bromoform	50.0	57.1		ug/kg		114	36 - 150	3	50
Bromomethane	50.0	40.1		ug/kg		80	43 - 142	0.1	50
2-Butanone	250	216		ug/kg		86	61 - 132	5	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D2036-BSD1

Matrix: Soil

Analysis Batch: V005961

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D2036_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits			
Carbon disulfide	50.0	38.9		ug/kg		78	74 - 135		0.7	50
Carbon Tetrachloride	50.0	44.1		ug/kg		88	70 - 141		0.3	50
Chlorobenzene	50.0	52.2		ug/kg		104	84 - 125		3	50
Chlorodibromomethane	50.0	56.9		ug/kg		114	66 - 134		0.2	50
Chloroethane	50.0	40.2		ug/kg		80	53 - 144		2	50
Chloroform	50.0	43.5		ug/kg		87	76 - 130		1	49
Chloromethane	50.0	37.6		ug/kg		75	23 - 150		2	50
Cyclohexane	50.0	44.9		ug/kg		90	70 - 133		3	50
1,2-Dibromo-3-chloropropane	50.0	52.7		ug/kg		105	49 - 142		7	50
1,2-Dibromoethane (EDB)	50.0	54.2		ug/kg		108	80 - 135		3	50
1,2-Dichlorobenzene	50.0	56.2		ug/kg		112	80 - 134		2	50
1,3-Dichlorobenzene	50.0	57.3		ug/kg		115	79 - 137		3	50
1,4-Dichlorobenzene	50.0	57.0		ug/kg		114	77 - 139		3	50
Dichlorodifluoromethane	50.0	45.1		ug/kg		90	12 - 144		1	50
1,2-Dichloroethane	50.0	40.3		ug/kg		81	65 - 134		0.05	50
1,1-Dichloroethane	50.0	40.1		ug/kg		80	75 - 124		0.4	50
1,1-Dichloroethene	50.0	43.8		ug/kg		88	75 - 131		0.05	50
trans-1,2-Dichloroethene	50.0	39.7		ug/kg		79	76 - 128		1	50
cis-1,2-Dichloroethene	50.0	41.3		ug/kg		83	75 - 125		0.1	50
1,2-Dichloropropane	50.0	39.4		ug/kg		79	69 - 120		1	50
trans-1,3-Dichloropropene	50.0	54.8		ug/kg		110	62 - 139		0.5	50
cis-1,3-Dichloropropene	50.0	56.6		ug/kg		113	73 - 148		0.7	50
Ethylbenzene	50.0	54.3		ug/kg		109	80 - 134		1	50
2-Hexanone	250	262		ug/kg		105	57 - 148		2	50
Isopropylbenzene	50.0	60.8		ug/kg		122	80 - 150		1	50
Methyl Acetate	50.0	86.4	B L1	ug/kg		173	11 - 170		14	50
Methylcyclohexane	50.0	49.4		ug/kg		99	69 - 140		3	50
Methyl tert-Butyl Ether	50.0	46.6		ug/kg		93	70 - 136		0.7	50
Methylene Chloride	50.0	43.0		ug/kg		86	68 - 144		0.4	50
4-Methyl-2-pentanone	250	258		ug/kg		103	59 - 138		3	50
n-Propylbenzene	50.0	54.6		ug/kg		109	75 - 137		4	50
Styrene	50.0	56.0		ug/kg		112	82 - 137		0.1	50
1,1,2,2-Tetrachloroethane	50.0	52.5		ug/kg		105	66 - 134		5	50
Tetrachloroethene	50.0	57.1		ug/kg		114	78 - 140		0.9	50
Tetrahydrofuran	500	411		ug/kg		82	53 - 134		4	50
Toluene	50.0	52.9		ug/kg		106	80 - 132		0.7	50
1,2,4-Trichlorobenzene	50.0	62.2		ug/kg		124	62 - 150		4	50
1,1,1-Trichloroethane	50.0	43.4		ug/kg		87	72 - 140		1	50
1,1,2-Trichloroethane	50.0	53.2		ug/kg		106	78 - 128		0.5	50
Trichloroethene	50.0	47.6		ug/kg		95	77 - 127		0.5	50
Trichlorofluoromethane	50.0	37.9		ug/kg		76	50 - 140		2	50
Vinyl chloride	50.0	39.1		ug/kg		78	47 - 136		1	50
Xylenes, total	150	154		ug/kg		103	80 - 137		0.7	50
1,1,2-Trifluorotrichloroethane	50.0	44.1		ug/kg		88	67 - 136		2	50

Surrogate	LCS Dup		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	90		70 - 130
Dibromofluoromethane	95		70 - 130
Toluene-d8	109		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D2036-BSD1

Matrix: Soil

Analysis Batch: V005961

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D2036_P

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
4-Bromofluorobenzene	90		70 - 130

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Lab Sample ID: 12D0539-BLK1

Matrix: Soil

Analysis Batch: 12D0539

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0539_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0670	0.0340	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Acenaphthylene	ND		0.0670	0.0340	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Acetophenone	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Anthracene	ND		0.0670	0.0340	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Atrazine	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Benzaldehyde	ND		1.67	0.835	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Benzo (a) anthracene	ND		0.0670	0.0340	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Benzo (b) fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Benzo (a) pyrene	ND		0.0670	0.0340	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Benzo (g,h,i) perylene	ND		0.0670	0.0340	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Benzo (k) fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Biphenyl	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
4-Bromophenyl phenyl ether	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Butyl benzyl phthalate	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
4-Chloro-3-methylphenol	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
4-Chloroaniline	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Caprolactam	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Carbazole	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
2-Chloronaphthalene	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Bis(2-chloroethoxy)methane	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Bis(2-chloroethyl)ether	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Bis(2-chloroisopropyl)ether	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
2-Chlorophenol	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
4-Chlorophenyl phenyl ether	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Chrysene	ND		0.0670	0.0340	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Dibenz (a,h) anthracene	ND		0.0670	0.0340	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Dibenzofuran	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Di-n-butyl phthalate	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
3,3-Dichlorobenzidine	ND		0.667	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
2,4-Dichlorophenol	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Diethyl phthalate	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
2,4-Dimethylphenol	ND		0.333	0.192	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Dimethyl phthalate	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
4,6-Dinitro-2-methylphenol	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
2,4-Dinitrophenol	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
2,6-Dinitrotoluene	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
2,4-Dinitrotoluene	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Di-n-octyl phthalate	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Bis(2-ethylhexyl)phthalate	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D0539-BLK1

Matrix: Soil

Analysis Batch: 12D0539

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0539_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		0.0670	0.0340	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Hexachlorobenzene	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Hexachlorobutadiene	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Hexachlorocyclopentadiene	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Hexachloroethane	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Indeno (1,2,3-cd) pyrene	ND		0.0670	0.0340	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Isophorone	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
2-Methylnaphthalene	ND		0.0670	0.0340	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
2-Methylphenol	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Naphthalene	ND		0.0670	0.0340	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
2-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
3-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
4-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Nitrobenzene	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
2-Nitrophenol	ND		0.333	0.196	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
4-Nitrophenol	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
N-Nitrosodiphenylamine	ND		0.333	0.183	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
N-Nitrosodi-n-propylamine	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Pentachlorophenol	ND		0.833	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Phenanthrene	ND		0.0670	0.0340	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Phenol	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
Pyrene	ND		0.0670	0.0340	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
2,4,5-Trichlorophenol	ND		0.833	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00
2,4,6-Trichlorophenol	ND		0.333	0.167	mg/kg wet		04/06/12 13:15	04/09/12 05:23	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	53		17 - 120	04/06/12 13:15	04/09/12 05:23	1.00
Phenol-d5	53		18 - 120	04/06/12 13:15	04/09/12 05:23	1.00
2-Fluorobiphenyl	58		14 - 120	04/06/12 13:15	04/09/12 05:23	1.00
Nitrobenzene-d5	53		17 - 120	04/06/12 13:15	04/09/12 05:23	1.00
Terphenyl-d14	76		18 - 120	04/06/12 13:15	04/09/12 05:23	1.00
2,4,6-Tribromophenol	56		19 - 120	04/06/12 13:15	04/09/12 05:23	1.00

Lab Sample ID: 12D0539-BS1

Matrix: Soil

Analysis Batch: 12D0539

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0539_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	1.67	1.15	MNR	mg/kg wet		69	36 - 120
Acenaphthylene	1.67	1.10	MNR	mg/kg wet		66	38 - 120
Acetophenone	1.67	0.841	MNR	mg/kg wet		50	30 - 120
Anthracene	1.67	1.23	MNR	mg/kg wet		74	46 - 124
Benzo (a) anthracene	1.67	1.26	MNR	mg/kg wet		76	45 - 120
Benzo (b) fluoranthene	1.67	1.26	MNR	mg/kg wet		76	42 - 120
Benzo (a) pyrene	1.67	1.29	MNR	mg/kg wet		78	45 - 120
Benzo (g,h,i) perylene	1.67	1.22	MNR	mg/kg wet		73	38 - 120
Benzo (k) fluoranthene	1.67	1.21	MNR	mg/kg wet		73	42 - 120
4-Bromophenyl phenyl ether	1.67	1.40	MNR	mg/kg wet		84	40 - 120
Butyl benzyl phthalate	1.67	1.27	MNR	mg/kg wet		76	43 - 133

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D0539-BS1

Matrix: Soil

Analysis Batch: 12D0539

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0539_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
4-Chloro-3-methylphenol	1.67	1.10	MNR	mg/kg wet		66	38 - 120	
4-Chloroaniline	1.67	1.12	MNR	mg/kg wet		67	35 - 120	
Carbazole	1.67	1.19	MNR	mg/kg wet		72	44 - 120	
2-Chloronaphthalene	1.67	0.949	MNR	mg/kg wet		57	34 - 120	
Bis(2-chloroethoxy)methane	1.67	1.09	MNR	mg/kg wet		65	32 - 120	
Bis(2-chloroethyl)ether	1.67	1.03	MNR	mg/kg wet		62	31 - 120	
Bis(2-chloroisopropyl)ether	1.67	1.15	MNR	mg/kg wet		69	32 - 120	
2-Chlorophenol	1.67	1.11	MNR	mg/kg wet		66	32 - 120	
4-Chlorophenyl phenyl ether	1.67	1.23	MNR	mg/kg wet		74	42 - 120	
Chrysene	1.67	1.23	MNR	mg/kg wet		74	43 - 120	
Dibenz (a,h) anthracene	1.67	1.25	MNR	mg/kg wet		75	32 - 128	
Dibenzofuran	1.67	1.20	MNR	mg/kg wet		72	41 - 120	
Di-n-butyl phthalate	1.67	1.21	MNR	mg/kg wet		73	46 - 127	
3,3-Dichlorobenzidine	1.67	1.24	MNR	mg/kg wet		75	39 - 120	
2,4-Dichlorophenol	1.67	1.12	MNR	mg/kg wet		67	32 - 120	
Diethyl phthalate	1.67	1.22	MNR	mg/kg wet		73	41 - 122	
2,4-Dimethylphenol	1.67	1.05	MNR	mg/kg wet		63	32 - 120	
Dimethyl phthalate	1.67	1.17	MNR	mg/kg wet		70	55 - 120	
4,6-Dinitro-2-methylphenol	1.67	1.20	MNR	mg/kg wet		72	27 - 134	
2,4-Dinitrophenol	1.67	1.08	MNR	mg/kg wet		65	23 - 142	
2,6-Dinitrotoluene	1.67	1.02	MNR	mg/kg wet		61	43 - 120	
2,4-Dinitrotoluene	1.67	0.936	MNR	mg/kg wet		56	43 - 120	
Di-n-octyl phthalate	1.67	1.23	MNR	mg/kg wet		74	40 - 130	
Bis(2-ethylhexyl)phthalate	1.67	1.28	MNR	mg/kg wet		77	43 - 120	
Fluoranthene	1.67	1.25	MNR	mg/kg wet		75	46 - 120	
Fluorene	1.67	1.23	MNR	mg/kg wet		74	42 - 120	
Hexachlorobenzene	1.67	1.43	MNR	mg/kg wet		86	44 - 120	
Hexachlorobutadiene	1.67	1.41	MNR	mg/kg wet		85	31 - 120	
Hexachlorocyclopentadiene	1.67	0.811	MNR	mg/kg wet		49	24 - 120	
Hexachloroethane	1.67	1.07	MNR	mg/kg wet		64	33 - 120	
Indeno (1,2,3-cd) pyrene	1.67	1.22	MNR	mg/kg wet		73	41 - 121	
Isophorone	1.67	0.900	MNR	mg/kg wet		54	33 - 120	
2-Methylnaphthalene	1.67	1.13	MNR	mg/kg wet		68	28 - 120	
2-Methylphenol	1.67	0.867	MNR	mg/kg wet		52	36 - 120	
Naphthalene	1.67	1.21	MNR	mg/kg wet		73	32 - 120	
2-Nitroaniline	1.67	1.21	MNR	mg/kg wet		72	40 - 120	
3-Nitroaniline	1.67	1.17	MNR	mg/kg wet		70	42 - 120	
4-Nitroaniline	1.67	1.07	MNR	mg/kg wet		64	43 - 120	
Nitrobenzene	1.67	0.813	MNR	mg/kg wet		49	26 - 120	
2-Nitrophenol	1.67	1.21	MNR	mg/kg wet		73	29 - 120	
4-Nitrophenol	1.67	0.935	MNR	mg/kg wet		56	32 - 136	
N-Nitrosodiphenylamine	1.67	1.46	MNR	mg/kg wet		87	52 - 140	
N-Nitrosodi-n-propylamine	1.67	1.11	MNR	mg/kg wet		67	35 - 120	
Pentachlorophenol	1.67	1.07	MNR	mg/kg wet		64	44 - 134	
Phenanthrene	1.67	1.26	MNR	mg/kg wet		75	45 - 120	
Phenol	1.67	1.01	MNR	mg/kg wet		61	30 - 120	
Pyrene	1.67	1.29	MNR	mg/kg wet		77	43 - 120	
2,4,5-Trichlorophenol	1.67	0.939	MNR	mg/kg wet		56	39 - 120	
2,4,6-Trichlorophenol	1.67	1.24	MNR	mg/kg wet		75	39 - 120	

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D0539-BS1

Matrix: Soil

Analysis Batch: 12D0539

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0539_P

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	46		17 - 120
Phenol-d5	52		18 - 120
2-Fluorobiphenyl	62		14 - 120
Nitrobenzene-d5	53		17 - 120
Terphenyl-d14	81		18 - 120
2,4,6-Tribromophenol	58		19 - 120

Lab Sample ID: 12D0539-BS2

Matrix: Soil

Analysis Batch: 12D0539

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0539_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetophenone	1.67	1.09		mg/kg wet		65	30 - 120
Atrazine	1.67	1.13		mg/kg wet		68	41 - 120
Benzaldehyde	1.67	ND	L2	mg/kg wet			10 - 150
Biphenyl	1.67	1.10		mg/kg wet		66	15 - 120
4-Chloro-3-methylphenol	1.67	1.28		mg/kg wet		77	38 - 120
Caprolactam	1.67	1.04		mg/kg wet		62	18 - 138
2-Chlorophenol	1.67	0.999		mg/kg wet		60	32 - 120
2,4-Dichlorophenol	1.67	1.23		mg/kg wet		74	32 - 120
2,4-Dimethylphenol	1.67	1.10		mg/kg wet		66	32 - 120
4,6-Dinitro-2-methylphenol	1.67	ND		mg/kg wet			27 - 134
2,4-Dinitrophenol	1.67	ND		mg/kg wet			23 - 142
2-Methylphenol	1.67	0.794		mg/kg wet		48	36 - 120
2-Nitrophenol	1.67	0.331	J	mg/kg wet		20	29 - 120
4-Nitrophenol	1.67	0.414		mg/kg wet		25	32 - 136
Pentachlorophenol	1.67	0.450	J	mg/kg wet		27	44 - 134
Phenol	1.67	0.926		mg/kg wet		56	30 - 120
2,4,5-Trichlorophenol	1.67	1.01		mg/kg wet		60	39 - 120
2,4,6-Trichlorophenol	1.67	1.28		mg/kg wet		77	39 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	48		17 - 120
Phenol-d5	51		18 - 120
2-Fluorobiphenyl	51		14 - 120
Nitrobenzene-d5	36		17 - 120
Terphenyl-d14	73		18 - 120
2,4,6-Tribromophenol	61		19 - 120

Method: TPH-D/Finger - Extractable Petroleum Hydrocarbons

Lab Sample ID: 12D1580-BLK1

Matrix: Soil

Analysis Batch: V005835

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1580_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10 - C40	ND		4.00	4.00	mg/kg wet		04/09/12 10:55	04/10/12 00:52	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: TPH-D/Finger - Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 12D1580-BLK1
Matrix: Soil
Analysis Batch: V005835

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12D1580_P

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	102		50 - 150	04/09/12 10:55	04/10/12 00:52	1.00

Lab Sample ID: 12D1580-BS1
Matrix: Soil
Analysis Batch: V005835

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12D1580_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C10 - C40	40.0	45.2		mg/kg wet		113	50 - 150
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
o-Terphenyl	95		50 - 150				

Lab Sample ID: 12D1580-MS1
Matrix: Soil
Analysis Batch: V005835

Client Sample ID: TP-18-SO-040212-09
Prep Type: Total
Prep Batch: 12D1580_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
C10 - C40	27.5	QP7	52.3	69.9		mg/kg dry	☼	81	21 - 174
Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits						
o-Terphenyl	73		50 - 150						

Lab Sample ID: 12D1580-MSD1
Matrix: Soil
Analysis Batch: V005835

Client Sample ID: TP-18-SO-040212-09
Prep Type: Total
Prep Batch: 12D1580_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD RPD Limit
C10 - C40	27.5	QP7	51.5	53.6	R	mg/kg dry	☼	51	21 - 174	26 20
Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits							
o-Terphenyl	76		50 - 150							

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Lab Sample ID: 12D0548-BLK1
Matrix: Soil
Analysis Batch: V005545

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12D0548_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/kg wet		04/04/12 16:20	04/04/12 18:43	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Butanol	117		60 - 140				04/04/12 16:20	04/04/12 18:43	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8015B - Glycols by EPA Method 8015 (modified) (Continued)

Lab Sample ID: 12D0548-BS1

Matrix: Soil

Analysis Batch: V005545

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0548_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Glycol			50.0	47.3		mg/kg wet		95	70 - 130
Surrogate		LCS %Recovery	LCS Qualifier	Limits					
n-Butanol		107		70 - 130					

Lab Sample ID: 12D0548-MS1

Matrix: Soil

Analysis Batch: V005545

Client Sample ID: TP-18-SS-040212-00

Prep Type: Total

Prep Batch: 12D0548_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Glycol	ND		56.6	52.9		mg/kg dry	☼	93	55 - 132
Surrogate		Matrix Spike %Recovery	Matrix Spike Qualifier	Limits					
n-Butanol		94		58 - 130					

Lab Sample ID: 12D0548-MSD1

Matrix: Soil

Analysis Batch: V005545

Client Sample ID: TP-18-SS-040212-00

Prep Type: Total

Prep Batch: 12D0548_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Glycol	ND		56.6	52.9		mg/kg dry	☼	93	55 - 132	0.01	36
Surrogate		Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits							
n-Butanol		96		58 - 130							

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Lab Sample ID: 12D0467-BLK1

Matrix: Soil

Analysis Batch: V005548

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0467_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0333	0.0210	mg/kg wet		04/03/12 17:02	04/05/12 16:32	1.00
PCB-1221	ND		0.0333	0.0170	mg/kg wet		04/03/12 17:02	04/05/12 16:32	1.00
PCB-1232	ND		0.0333	0.0170	mg/kg wet		04/03/12 17:02	04/05/12 16:32	1.00
PCB-1242	ND		0.0333	0.0260	mg/kg wet		04/03/12 17:02	04/05/12 16:32	1.00
PCB-1248	ND		0.0333	0.0300	mg/kg wet		04/03/12 17:02	04/05/12 16:32	1.00
PCB-1254	ND		0.0333	0.0170	mg/kg wet		04/03/12 17:02	04/05/12 16:32	1.00
PCB-1260	ND		0.0333	0.0280	mg/kg wet		04/03/12 17:02	04/05/12 16:32	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	76		19 - 147				04/03/12 17:02	04/05/12 16:32	1.00
Decachlorobiphenyl	114		20 - 150				04/03/12 17:02	04/05/12 16:32	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Lab Sample ID: 12D0467-BS1

Matrix: Soil

Analysis Batch: V005548

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0467_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1260	0.167	0.184		mg/kg wet		111	52 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-meta-xylene	92		19 - 147
Decachlorobiphenyl	136		20 - 150

Lab Sample ID: 12D0467-MS1

Matrix: Soil

Analysis Batch: V005548

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D0467_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1260	ND		0.195	0.217		mg/kg dry	☼	111	37 - 159

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
Tetrachloro-meta-xylene	82		19 - 147
Decachlorobiphenyl	114		20 - 150

Lab Sample ID: 12D0467-MSD1

Matrix: Soil

Analysis Batch: V005548

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D0467_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1260	ND		0.194	0.211		mg/kg dry	☼	108	37 - 159	3	37

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits
Tetrachloro-meta-xylene	80		19 - 147
Decachlorobiphenyl	108		20 - 150

Method: SW846 6020 - Total Metals by Method 6020

Lab Sample ID: 12D0505-BLK1

Matrix: Soil

Analysis Batch: 12D0505

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0505_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.489	0.391	mg/kg wet		04/07/12 19:12	04/07/12 23:11	1.00
Arsenic	ND		0.489	0.0978	mg/kg wet		04/07/12 19:12	04/07/12 23:11	1.00
Barium	ND		0.489	0.245	mg/kg wet		04/07/12 19:12	04/07/12 23:11	1.00
Beryllium	ND		0.489	0.0978	mg/kg wet		04/07/12 19:12	04/07/12 23:11	1.00
Cadmium	ND		0.489	0.0978	mg/kg wet		04/07/12 19:12	04/07/12 23:11	1.00
Chromium	ND		0.489	0.245	mg/kg wet		04/07/12 19:12	04/07/12 23:11	1.00
Cobalt	ND		0.489	0.0978	mg/kg wet		04/07/12 19:12	04/07/12 23:11	1.00
Copper	ND		0.489	0.0978	mg/kg wet		04/07/12 19:12	04/07/12 23:11	1.00
Lead	ND		0.489	0.245	mg/kg wet		04/07/12 19:12	04/07/12 23:11	1.00
Manganese	ND		0.978	0.489	mg/kg wet		04/07/12 19:12	04/07/12 23:11	1.00
Selenium	ND		0.489	0.0978	mg/kg wet		04/07/12 19:12	04/07/12 23:11	1.00
Silver	ND		0.489	0.0978	mg/kg wet		04/07/12 19:12	04/07/12 23:11	1.00
Thallium	ND		0.489	0.245	mg/kg wet		04/07/12 19:12	04/07/12 23:11	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 6020 - Total Metals by Method 6020 (Continued)

Lab Sample ID: 12D0505-BLK1

Matrix: Soil

Analysis Batch: 12D0505

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0505_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.489	0.245	mg/kg wet		04/07/12 19:12	04/07/12 23:11	1.00
Zinc	ND		9.78	4.89	mg/kg wet		04/07/12 19:12	04/07/12 23:11	1.00
Nickel	ND		0.978	0.196	mg/kg wet		04/07/12 19:12	04/07/12 23:11	1.00

Lab Sample ID: 12D0505-BS1

Matrix: Soil

Analysis Batch: 12D0505

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0505_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	19.5	16.9		mg/kg wet		87	80 - 120
Arsenic	19.5	19.1		mg/kg wet		98	80 - 120
Barium	19.5	19.6		mg/kg wet		100	80 - 120
Beryllium	19.5	18.7		mg/kg wet		96	80 - 120
Cadmium	19.5	18.7		mg/kg wet		96	80 - 120
Chromium	19.5	19.7		mg/kg wet		101	80 - 120
Cobalt	19.5	19.3		mg/kg wet		99	80 - 120
Copper	19.5	19.2		mg/kg wet		99	80 - 120
Lead	19.5	19.8		mg/kg wet		102	80 - 120
Manganese	19.5	19.2		mg/kg wet		99	80 - 120
Selenium	19.5	17.6		mg/kg wet		90	80 - 120
Silver	19.5	18.0		mg/kg wet		92	75 - 125
Thallium	19.5	19.3		mg/kg wet		99	80 - 120
Vanadium	19.5	19.8		mg/kg wet		102	80 - 120
Zinc	19.5	18.6		mg/kg wet		95	80 - 120
Nickel	19.5	19.0		mg/kg wet		98	80 - 120

Lab Sample ID: 12D0505-MS1

Matrix: Soil

Analysis Batch: 12D0505

Client Sample ID: TP-18-SS-040212-00

Prep Type: Total

Prep Batch: 12D0505_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Antimony	37.6		22.7	40.8	M4	mg/kg dry	✱	14	75 - 125
Arsenic	8.25		22.7	26.1		mg/kg dry	✱	78	75 - 125
Barium	1070		22.7	485	M4	mg/kg dry	✱	-2560	75 - 125
Beryllium	0.584	J	22.7	22.5		mg/kg dry	✱	96	75 - 125
Cadmium	440		22.7	45.0	M4	mg/kg dry	✱	-1740	75 - 125
Chromium	528		22.7	150	M4	mg/kg dry	✱	-1660	75 - 125
Cobalt	6.27		22.7	24.9		mg/kg dry	✱	82	75 - 125
Copper	44.5		22.7	51.6	M4	mg/kg dry	✱	31	75 - 125
Lead	3050		22.7	1030	M4	mg/kg dry	✱	-8870	75 - 125
Manganese	297		22.7	358	M4	mg/kg dry	✱	271	75 - 125
Selenium	108		22.7	22.6	M4	mg/kg dry	✱	-375	75 - 125
Silver	0.238	J	22.7	20.3		mg/kg dry	✱	88	75 - 125
Thallium	ND		22.7	21.9		mg/kg dry	✱	96	75 - 125
Vanadium	21.1		22.7	44.8		mg/kg dry	✱	104	75 - 125
Zinc	402		22.7	366	M4	mg/kg dry	✱	-157	75 - 125
Nickel	27.8		22.7	36.2	M4	mg/kg dry	✱	37	75 - 125

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 6020 - Total Metals by Method 6020 (Continued)

Lab Sample ID: 12D0505-MSD1

Matrix: Soil

Analysis Batch: 12D0505

Client Sample ID: TP-18-SS-040212-00

Prep Type: Total

Prep Batch: 12D0505_P

Analyte	Sample	Sample	Spike	Matrix Spike Dup	Matrix Spike Dup	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	37.6		22.0	44.4	M4	mg/kg dry	✱	31	75 - 125	8	20
Arsenic	8.25		22.0	24.3	M4	mg/kg dry	✱	73	75 - 125	7	20
Barium	1070		22.0	368	M4 R3	mg/kg dry	✱	-3190	75 - 125	27	20
Beryllium	0.584	J	22.0	21.1		mg/kg dry	✱	93	75 - 125	7	20
Cadmium	440		22.0	52.0	M4	mg/kg dry	✱	-1770	75 - 125	14	20
Chromium	528		22.0	102	M4 R3	mg/kg dry	✱	-1940	75 - 125	38	20
Cobalt	6.27		22.0	25.1		mg/kg dry	✱	86	75 - 125	1	20
Copper	44.5		22.0	46.9	M4	mg/kg dry	✱	11	75 - 125	10	20
Lead	3050		22.0	1060	M4	mg/kg dry	✱	-9080	75 - 125	2	20
Manganese	297		22.0	310	M4	mg/kg dry	✱	62	75 - 125	14	20
Selenium	108		22.0	24.3	M4	mg/kg dry	✱	-380	75 - 125	7	20
Silver	0.238	J	22.0	19.2		mg/kg dry	✱	87	75 - 125	5	20
Thallium	ND		22.0	20.8		mg/kg dry	✱	95	75 - 125	5	20
Vanadium	21.1		22.0	39.0		mg/kg dry	✱	81	75 - 125	14	20
Zinc	402		22.0	311	M4	mg/kg dry	✱	-412	75 - 125	16	20
Nickel	27.8		22.0	36.4	M4	mg/kg dry	✱	39	75 - 125	0.5	20

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Lab Sample ID: 12D0772-BLK1

Matrix: Soil

Analysis Batch: 12D0772

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0772_P

Analyte	Blank	Blank	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.097	0.049	mg/kg wet		04/06/12 13:05	04/09/12 13:05	1.0

Lab Sample ID: 12D0772-BS1

Matrix: Soil

Analysis Batch: 12D0772

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0772_P

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				Limits
Mercury	0.163	0.18		mg/kg wet		110	80 - 120

Lab Sample ID: 12D0772-MS1

Matrix: Soil

Analysis Batch: 12D0772

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D0772_P

Analyte	Sample	Sample	Spike	Matrix Spike	Matrix Spike	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Mercury	ND		0.175	0.19		mg/kg dry	✱	111	75 - 125

Lab Sample ID: 12D0772-MSD1

Matrix: Soil

Analysis Batch: 12D0772

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D0772_P

Analyte	Sample	Sample	Spike	Matrix Spike Dup	Matrix Spike Dup	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Mercury	ND		0.171	0.18		mg/kg dry	✱	106	75 - 125	7	20

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 7196A - General Chemistry Parameters

Lab Sample ID: 12D1638-BLK1

Matrix: Soil

Analysis Batch: 12D1638

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1638_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.00	1.00	mg/kg wet		04/06/12 09:40	04/09/12 10:16	1.00

Lab Sample ID: 12D1638-BS1

Matrix: Soil

Analysis Batch: 12D1638

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1638_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	40.0	40.2		mg/kg wet		100	80 - 120

Lab Sample ID: 12D1638-MS1

Matrix: Soil

Analysis Batch: 12D1638

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1638_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	ND		51.1	51.2		mg/kg dry	☼	100	75 - 125

Lab Sample ID: 12D1638-MSD1

Matrix: Soil

Analysis Batch: 12D1638

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1638_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium (VI)	ND		51.1	52.8		mg/kg dry	☼	103	75 - 125	3	20

Lab Sample ID: 12D1638-DUP1

Matrix: Soil

Analysis Batch: 12D1638

Client Sample ID: Duplicate

Prep Type: Total

Prep Batch: 12D1638_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium (VI)	ND		ND		mg/kg dry	☼				20

Method: SW846 9012B - General Chemistry Parameters

Lab Sample ID: 12D0825-BLK1

Matrix: Soil

Analysis Batch: 12D0825

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0825_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.00	1.00	mg/kg wet		04/10/12 09:05	04/11/12 10:18	1.00

Lab Sample ID: 12D0825-BLK2

Matrix: Soil

Analysis Batch: 12D0825

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0825_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.00	1.00	mg/kg wet		04/10/12 09:05	04/10/12 17:08	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method: SW846 9012B - General Chemistry Parameters (Continued)

Lab Sample ID: 12D0825-BS1

Matrix: Soil

Analysis Batch: 12D0825

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0825_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	5.00	5.28		mg/kg wet		106	80 - 120

Lab Sample ID: 12D0825-BS2

Matrix: Soil

Analysis Batch: 12D0825

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0825_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	5.00	5.50		mg/kg wet		110	80 - 120

Lab Sample ID: 12D0825-MS1

Matrix: Soil

Analysis Batch: 12D0825

Client Sample ID: TP-18-SS-040212-00

Prep Type: Total

Prep Batch: 12D0825_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	ND	M7	5.66	7.20		mg/kg dry	☼	127	71 - 132

Lab Sample ID: 12D0825-MSD1

Matrix: Soil

Analysis Batch: 12D0825

Client Sample ID: TP-18-SS-040212-00

Prep Type: Total

Prep Batch: 12D0825_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide	ND	M7	5.66	20.2	M7 R2	mg/kg dry	☼	356	71 - 132	95	19

Lab Sample ID: 12D0825-DUP1

Matrix: Soil

Analysis Batch: 12D0825

Client Sample ID: TP-18-SO-040212-03

Prep Type: Total

Prep Batch: 12D0825_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide	ND		ND		mg/kg dry	☼				19

Method: SW-846 - General Chemistry Parameters

Lab Sample ID: 12D0878-DUP1

Matrix: Soil

Analysis Batch: 12D0878

Client Sample ID: TP-18-SS-040212-00

Prep Type: Total

Prep Batch: 12D0878_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
% Dry Solids	88.3		85.5		%				3	20

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

GCMS Volatiles

Analysis Batch: V005807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1636-BLK1	Method Blank	Total	Water	SW846 8260B	12D1636_P
12D1636-BS1	Lab Control Sample	Total	Water	SW846 8260B	12D1636_P
12D1636-BSD1	Lab Control Sample Dup	Total	Water	SW846 8260B	12D1636_P
12D1636-MS1	Matrix Spike	Total	Water	SW846 8260B	12D1636_P
12D1636-MSD1	Matrix Spike Duplicate	Total	Water	SW846 8260B	12D1636_P
NWD0116-05	Trip Blank	Total	Water	SW846 8260B	12D1636_P

Analysis Batch: V005867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1831-BLK1	Method Blank	Total	Water	SW846 8260B	12D1831_P
12D1831-BS1	Lab Control Sample	Total	Water	SW846 8260B	12D1831_P
12D1831-BSD1	Lab Control Sample Dup	Total	Water	SW846 8260B	12D1831_P
12D1831-MS1	Matrix Spike	Total	Water	SW846 8260B	12D1831_P
12D1831-MSD1	Matrix Spike Duplicate	Total	Water	SW846 8260B	12D1831_P
NWD0116-05 - RE1	Trip Blank	Total	Water	SW846 8260B	12D1831_P

Analysis Batch: V005869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1646-BLK1	Method Blank	Total	Soil	SW846 8260B	12D1646_P
12D1646-BLK2	Method Blank	Total	Soil	SW846 8260B	12D1646_P
12D1646-BS1	Lab Control Sample	Total	Soil	SW846 8260B	12D1646_P
12D1646-BSD1	Lab Control Sample Dup	Total	Soil	SW846 8260B	12D1646_P
12D1646-MS1	Matrix Spike	Total	Soil	SW846 8260B	12D1646_P
12D1646-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 8260B	12D1646_P
NWD0116-01	TP-18-SS-040212-00	Total	Soil	SW846 8260B	12D1646_P
NWD0116-02	TP-18-SO-040212-03	Total	Soil	SW846 8260B	12D1646_P
NWD0116-04	TP-18-SO-040212-10	Total	Soil	SW846 8260B	12D1646_P
NWD0116-07	TP-19-SO-040212-05	Total	Soil	SW846 8260B	12D1646_P

Analysis Batch: V005928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0406-BLK1	Method Blank	Total	Soil	SW846 8260B	12D0406_P
12D0406-BS1	Lab Control Sample	Total	Soil	SW846 8260B	12D0406_P
12D0406-BSD1	Lab Control Sample Dup	Total	Soil	SW846 8260B	12D0406_P
12D0406-MS1	TP-18-SS-040212-00	Total	Soil	SW846 8260B	12D0406_P
12D0406-MSD1	TP-18-SS-040212-00	Total	Soil	SW846 8260B	12D0406_P
NWD0116-01 - RE1	TP-18-SS-040212-00	Total	Soil	SW846 8260B	12D0406_P
NWD0116-02 - RE1	TP-18-SO-040212-03	Total	Soil	SW846 8260B	12D0406_P
NWD0116-02 - RE2	TP-18-SO-040212-03	Total	Soil	SW846 8260B	12D0406_P
NWD0116-03 - RE1	TP-18-SO-040212-09	Total	Soil	SW846 8260B	12D0406_P
NWD0116-04 - RE1	TP-18-SO-040212-10	Total	Soil	SW846 8260B	12D0406_P
NWD0116-06 - RE1	TP-19-SS-040212-00	Total	Soil	SW846 8260B	12D0406_P
NWD0116-07 - RE1	TP-19-SO-040212-05	Total	Soil	SW846 8260B	12D0406_P

Analysis Batch: V005961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2036-BLK1	Method Blank	Total	Soil	SW846 8260B	12D2036_P
12D2036-BLK2	Method Blank	Total	Soil	SW846 8260B	12D2036_P
12D2036-BS1	Lab Control Sample	Total	Soil	SW846 8260B	12D2036_P
12D2036-BSD1	Lab Control Sample Dup	Total	Soil	SW846 8260B	12D2036_P
NWD0116-07 - RE2	TP-19-SO-040212-05	Total	Soil	SW846 8260B	12D2036_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

GCMS Volatiles (Continued)

Prep Batch: 12D0406_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0406-BLK1	Method Blank	Total	Soil	EPA 5035	
12D0406-BS1	Lab Control Sample	Total	Soil	EPA 5035	
12D0406-BSD1	Lab Control Sample Dup	Total	Soil	EPA 5035	
12D0406-MS1	TP-18-SS-040212-00	Total	Soil	EPA 5035	
12D0406-MSD1	TP-18-SS-040212-00	Total	Soil	EPA 5035	
NWD0116-01 - RE1	TP-18-SS-040212-00	Total	Soil	EPA 5035	
NWD0116-02 - RE1	TP-18-SO-040212-03	Total	Soil	EPA 5035	
NWD0116-02 - RE2	TP-18-SO-040212-03	Total	Soil	EPA 5035	
NWD0116-03 - RE1	TP-18-SO-040212-09	Total	Soil	EPA 5035	
NWD0116-04 - RE1	TP-18-SO-040212-10	Total	Soil	EPA 5035	
NWD0116-06 - RE1	TP-19-SS-040212-00	Total	Soil	EPA 5035	
NWD0116-07 - RE1	TP-19-SO-040212-05	Total	Soil	EPA 5035	

Prep Batch: 12D1636_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1636-BLK1	Method Blank	Total	Water	EPA 5030B	
12D1636-BS1	Lab Control Sample	Total	Water	EPA 5030B	
12D1636-BSD1	Lab Control Sample Dup	Total	Water	EPA 5030B	
12D1636-MS1	Matrix Spike	Total	Water	EPA 5030B	
12D1636-MSD1	Matrix Spike Duplicate	Total	Water	EPA 5030B	
NWD0116-05	Trip Blank	Total	Water	EPA 5030B	

Prep Batch: 12D1646_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1646-BLK1	Method Blank	Total	Soil	EPA 5035	
12D1646-BLK2	Method Blank	Total	Soil	EPA 5035	
12D1646-BS1	Lab Control Sample	Total	Soil	EPA 5035	
12D1646-BSD1	Lab Control Sample Dup	Total	Soil	EPA 5035	
12D1646-MS1	Matrix Spike	Total	Soil	EPA 5035	
12D1646-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 5035	
NWD0116-01	TP-18-SS-040212-00	Total	Soil	EPA 5035	
NWD0116-02	TP-18-SO-040212-03	Total	Soil	EPA 5035	
NWD0116-04	TP-18-SO-040212-10	Total	Soil	EPA 5035	
NWD0116-07	TP-19-SO-040212-05	Total	Soil	EPA 5035	

Prep Batch: 12D1831_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1831-BLK1	Method Blank	Total	Water	EPA 5030B	
12D1831-BS1	Lab Control Sample	Total	Water	EPA 5030B	
12D1831-BSD1	Lab Control Sample Dup	Total	Water	EPA 5030B	
12D1831-MS1	Matrix Spike	Total	Water	EPA 5030B	
12D1831-MSD1	Matrix Spike Duplicate	Total	Water	EPA 5030B	
NWD0116-05 - RE1	Trip Blank	Total	Water	EPA 5030B	

Prep Batch: 12D2036_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2036-BLK1	Method Blank	Total	Soil	EPA 5035	
12D2036-BLK2	Method Blank	Total	Soil	EPA 5035	
12D2036-BS1	Lab Control Sample	Total	Soil	EPA 5035	
12D2036-BSD1	Lab Control Sample Dup	Total	Soil	EPA 5035	
NWD0116-07 - RE2	TP-19-SO-040212-05	Total	Soil	EPA 5035	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

GCMS Semivolatiles

Analysis Batch: 12D0539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0539-BLK1	Method Blank	Total	Soil	SW846 8270C	12D0539_P
12D0539-BS1	Lab Control Sample	Total	Soil	SW846 8270C	12D0539_P
12D0539-BS2	Lab Control Sample	Total	Soil	SW846 8270C	12D0539_P
NWD0116-01	TP-18-SS-040212-00	Total	Soil	SW846 8270C	12D0539_P
NWD0116-02	TP-18-SO-040212-03	Total	Soil	SW846 8270C	12D0539_P
NWD0116-03	TP-18-SO-040212-09	Total	Soil	SW846 8270C	12D0539_P
NWD0116-04	TP-18-SO-040212-10	Total	Soil	SW846 8270C	12D0539_P
NWD0116-04 - RE1	TP-18-SO-040212-10	Total	Soil	SW846 8270C	12D0539_P
NWD0116-04 - RE2	TP-18-SO-040212-10	Total	Soil	SW846 8270C	12D0539_P
NWD0116-06	TP-19-SS-040212-00	Total	Soil	SW846 8270C	12D0539_P
NWD0116-07	TP-19-SO-040212-05	Total	Soil	SW846 8270C	12D0539_P
NWD0116-07 - RE1	TP-19-SO-040212-05	Total	Soil	SW846 8270C	12D0539_P

Prep Batch: 12D0539_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0539-BLK1	Method Blank	Total	Soil	EPA 3550B	
12D0539-BS1	Lab Control Sample	Total	Soil	EPA 3550B	
12D0539-BS2	Lab Control Sample	Total	Soil	EPA 3550B	
NWD0116-01	TP-18-SS-040212-00	Total	Soil	EPA 3550B	
NWD0116-02	TP-18-SO-040212-03	Total	Soil	EPA 3550B	
NWD0116-03	TP-18-SO-040212-09	Total	Soil	EPA 3550B	
NWD0116-04	TP-18-SO-040212-10	Total	Soil	EPA 3550B	
NWD0116-04 - RE1	TP-18-SO-040212-10	Total	Soil	EPA 3550B	
NWD0116-04 - RE2	TP-18-SO-040212-10	Total	Soil	EPA 3550B	
NWD0116-06	TP-19-SS-040212-00	Total	Soil	EPA 3550B	
NWD0116-07	TP-19-SO-040212-05	Total	Soil	EPA 3550B	
NWD0116-07 - RE1	TP-19-SO-040212-05	Total	Soil	EPA 3550B	

GC Semivolatiles

Analysis Batch: V005835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1580-BLK1	Method Blank	Total	Soil	TPH-D/Finger	12D1580_P
12D1580-BS1	Lab Control Sample	Total	Soil	TPH-D/Finger	12D1580_P
12D1580-MS1	TP-18-SO-040212-09	Total	Soil	TPH-D/Finger	12D1580_P
12D1580-MSD1	TP-18-SO-040212-09	Total	Soil	TPH-D/Finger	12D1580_P
NWD0116-03 - RE1	TP-18-SO-040212-09	Total	Soil	TPH-D/Finger	12D1580_P

Prep Batch: 12D1580_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1580-BLK1	Method Blank	Total	Soil	EPA 3550B	
12D1580-BS1	Lab Control Sample	Total	Soil	EPA 3550B	
12D1580-MS1	TP-18-SO-040212-09	Total	Soil	EPA 3550B	
12D1580-MSD1	TP-18-SO-040212-09	Total	Soil	EPA 3550B	
NWD0116-03 - RE1	TP-18-SO-040212-09	Total	Soil	EPA 3550B	

Pesticides

Analysis Batch: V005545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0548-BLK1	Method Blank	Total	Soil	SW846 8015B	12D0548_P
12D0548-BS1	Lab Control Sample	Total	Soil	SW846 8015B	12D0548_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Pesticides (Continued)

Analysis Batch: V005545 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0548-MS1	TP-18-SS-040212-00	Total	Soil	SW846 8015B	12D0548_P
12D0548-MSD1	TP-18-SS-040212-00	Total	Soil	SW846 8015B	12D0548_P
NWD0116-01	TP-18-SS-040212-00	Total	Soil	SW846 8015B	12D0548_P
NWD0116-02	TP-18-SO-040212-03	Total	Soil	SW846 8015B	12D0548_P
NWD0116-03	TP-18-SO-040212-09	Total	Soil	SW846 8015B	12D0548_P
NWD0116-04	TP-18-SO-040212-10	Total	Soil	SW846 8015B	12D0548_P
NWD0116-06	TP-19-SS-040212-00	Total	Soil	SW846 8015B	12D0548_P
NWD0116-07	TP-19-SO-040212-05	Total	Soil	SW846 8015B	12D0548_P

Analysis Batch: V005548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0467-BLK1	Method Blank	Total	Soil	SW846 8082	12D0467_P
12D0467-BS1	Lab Control Sample	Total	Soil	SW846 8082	12D0467_P
12D0467-MS1	Matrix Spike	Total	Soil	SW846 8082	12D0467_P
12D0467-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 8082	12D0467_P
NWD0116-02	TP-18-SO-040212-03	Total	Soil	SW846 8082	12D0467_P
NWD0116-03	TP-18-SO-040212-09	Total	Soil	SW846 8082	12D0467_P
NWD0116-04	TP-18-SO-040212-10	Total	Soil	SW846 8082	12D0467_P
NWD0116-07	TP-19-SO-040212-05	Total	Soil	SW846 8082	12D0467_P

Analysis Batch: V005823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0116-01 - RE2	TP-18-SS-040212-00	Total	Soil	SW846 8082	12D0467_P
NWD0116-06 - RE2	TP-19-SS-040212-00	Total	Soil	SW846 8082	12D0467_P

Prep Batch: 12D0467_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0467-BLK1	Method Blank	Total	Soil	EPA 3550B/3665A	12D0467_P
12D0467-BS1	Lab Control Sample	Total	Soil	EPA 3550B/3665A	
12D0467-MS1	Matrix Spike	Total	Soil	EPA 3550B/3665A	
12D0467-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 3550B/3665A	12D0467_P
NWD0116-01 - RE2	TP-18-SS-040212-00	Total	Soil	EPA 3550B/3665A	
NWD0116-02	TP-18-SO-040212-03	Total	Soil	EPA 3550B/3665A	
NWD0116-03	TP-18-SO-040212-09	Total	Soil	EPA 3550B/3665A	12D0467_P
NWD0116-04	TP-18-SO-040212-10	Total	Soil	EPA 3550B/3665A	
NWD0116-06 - RE2	TP-19-SS-040212-00	Total	Soil	EPA 3550B/3665A	
NWD0116-07	TP-19-SO-040212-05	Total	Soil	EPA 3550B/3665A	12D0467_P

Prep Batch: 12D0548_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0548-BLK1	Method Blank	Total	Soil	NO PREP-PEST	12D0548_P
12D0548-BS1	Lab Control Sample	Total	Soil	NO PREP-PEST	
12D0548-MS1	TP-18-SS-040212-00	Total	Soil	NO PREP-PEST	
12D0548-MSD1	TP-18-SS-040212-00	Total	Soil	NO PREP-PEST	
NWD0116-01	TP-18-SS-040212-00	Total	Soil	NO PREP-PEST	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Pesticides (Continued)

Prep Batch: 12D0548_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0116-02	TP-18-SO-040212-03	Total	Soil	NO PREP-PEST	
NWD0116-03	TP-18-SO-040212-09	Total	Soil	NO PREP-PEST	
NWD0116-04	TP-18-SO-040212-10	Total	Soil	NO PREP-PEST	
NWD0116-06	TP-19-SS-040212-00	Total	Soil	NO PREP-PEST	
NWD0116-07	TP-19-SO-040212-05	Total	Soil	NO PREP-PEST	

Metals

Analysis Batch: 12D0505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0505-BLK1	Method Blank	Total	Soil	SW846 6020	12D0505_P
12D0505-BS1	Lab Control Sample	Total	Soil	SW846 6020	12D0505_P
12D0505-MS1	TP-18-SS-040212-00	Total	Soil	SW846 6020	12D0505_P
12D0505-MSD1	TP-18-SS-040212-00	Total	Soil	SW846 6020	12D0505_P
NWD0116-01	TP-18-SS-040212-00	Total	Soil	SW846 6020	12D0505_P
NWD0116-01 - RE1	TP-18-SS-040212-00	Total	Soil	SW846 6020	12D0505_P
NWD0116-01 - RE2	TP-18-SS-040212-00	Total	Soil	SW846 6020	12D0505_P
NWD0116-02	TP-18-SO-040212-03	Total	Soil	SW846 6020	12D0505_P
NWD0116-02 - RE1	TP-18-SO-040212-03	Total	Soil	SW846 6020	12D0505_P
NWD0116-02 - RE2	TP-18-SO-040212-03	Total	Soil	SW846 6020	12D0505_P
NWD0116-03	TP-18-SO-040212-09	Total	Soil	SW846 6020	12D0505_P
NWD0116-03 - RE1	TP-18-SO-040212-09	Total	Soil	SW846 6020	12D0505_P
NWD0116-04	TP-18-SO-040212-10	Total	Soil	SW846 6020	12D0505_P
NWD0116-04 - RE1	TP-18-SO-040212-10	Total	Soil	SW846 6020	12D0505_P
NWD0116-04 - RE2	TP-18-SO-040212-10	Total	Soil	SW846 6020	12D0505_P
NWD0116-06	TP-19-SS-040212-00	Total	Soil	SW846 6020	12D0505_P
NWD0116-06 - RE1	TP-19-SS-040212-00	Total	Soil	SW846 6020	12D0505_P
NWD0116-07	TP-19-SO-040212-05	Total	Soil	SW846 6020	12D0505_P
NWD0116-07 - RE1	TP-19-SO-040212-05	Total	Soil	SW846 6020	12D0505_P

Analysis Batch: 12D0772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0772-BLK1	Method Blank	Total	Soil	SW846 7471A	12D0772_P
12D0772-BS1	Lab Control Sample	Total	Soil	SW846 7471A	12D0772_P
12D0772-MS1	Matrix Spike	Total	Soil	SW846 7471A	12D0772_P
12D0772-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 7471A	12D0772_P
NWD0116-01	TP-18-SS-040212-00	Total	Soil	SW846 7471A	12D0772_P
NWD0116-02	TP-18-SO-040212-03	Total	Soil	SW846 7471A	12D0772_P
NWD0116-03	TP-18-SO-040212-09	Total	Soil	SW846 7471A	12D0772_P
NWD0116-04	TP-18-SO-040212-10	Total	Soil	SW846 7471A	12D0772_P
NWD0116-06	TP-19-SS-040212-00	Total	Soil	SW846 7471A	12D0772_P
NWD0116-07	TP-19-SO-040212-05	Total	Soil	SW846 7471A	12D0772_P

Prep Batch: 12D0505_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0505-BLK1	Method Blank	Total	Soil	EPA 3051 / 6020	
12D0505-BS1	Lab Control Sample	Total	Soil	EPA 3051 / 6020	
12D0505-MS1	TP-18-SS-040212-00	Total	Soil	EPA 3051 / 6020	
12D0505-MSD1	TP-18-SS-040212-00	Total	Soil	EPA 3051 / 6020	
NWD0116-01	TP-18-SS-040212-00	Total	Soil	EPA 3051 / 6020	
NWD0116-01 - RE1	TP-18-SS-040212-00	Total	Soil	EPA 3051 / 6020	
NWD0116-01 - RE2	TP-18-SS-040212-00	Total	Soil	EPA 3051 / 6020	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Metals (Continued)

Prep Batch: 12D0505_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0116-02	TP-18-SO-040212-03	Total	Soil	EPA 3051 / 6020	
NWD0116-02 - RE1	TP-18-SO-040212-03	Total	Soil	EPA 3051 / 6020	
NWD0116-02 - RE2	TP-18-SO-040212-03	Total	Soil	EPA 3051 / 6020	
NWD0116-03	TP-18-SO-040212-09	Total	Soil	EPA 3051 / 6020	
NWD0116-03 - RE1	TP-18-SO-040212-09	Total	Soil	EPA 3051 / 6020	
NWD0116-04	TP-18-SO-040212-10	Total	Soil	EPA 3051 / 6020	
NWD0116-04 - RE1	TP-18-SO-040212-10	Total	Soil	EPA 3051 / 6020	
NWD0116-04 - RE2	TP-18-SO-040212-10	Total	Soil	EPA 3051 / 6020	
NWD0116-06	TP-19-SS-040212-00	Total	Soil	EPA 3051 / 6020	
NWD0116-06 - RE1	TP-19-SS-040212-00	Total	Soil	EPA 3051 / 6020	
NWD0116-07	TP-19-SO-040212-05	Total	Soil	EPA 3051 / 6020	
NWD0116-07 - RE1	TP-19-SO-040212-05	Total	Soil	EPA 3051 / 6020	

Prep Batch: 12D0772_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0772-BLK1	Method Blank	Total	Soil	EPA 7471	
12D0772-BS1	Lab Control Sample	Total	Soil	EPA 7471	
12D0772-MS1	Matrix Spike	Total	Soil	EPA 7471	
12D0772-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 7471	
NWD0116-01	TP-18-SS-040212-00	Total	Soil	EPA 7471	
NWD0116-02	TP-18-SO-040212-03	Total	Soil	EPA 7471	
NWD0116-03	TP-18-SO-040212-09	Total	Soil	EPA 7471	
NWD0116-04	TP-18-SO-040212-10	Total	Soil	EPA 7471	
NWD0116-06	TP-19-SS-040212-00	Total	Soil	EPA 7471	
NWD0116-07	TP-19-SO-040212-05	Total	Soil	EPA 7471	

WetChem

Analysis Batch: 12D0825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0825-BLK1	Method Blank	Total	Soil	SW846 9012B	12D0825_P
12D0825-BLK2	Method Blank	Total	Soil	SW846 9012B	12D0825_P
12D0825-BS1	Lab Control Sample	Total	Soil	SW846 9012B	12D0825_P
12D0825-BS2	Lab Control Sample	Total	Soil	SW846 9012B	12D0825_P
12D0825-DUP1	TP-18-SO-040212-03	Total	Soil	SW846 9012B	12D0825_P
12D0825-MS1	TP-18-SS-040212-00	Total	Soil	SW846 9012B	12D0825_P
12D0825-MSD1	TP-18-SS-040212-00	Total	Soil	SW846 9012B	12D0825_P
NWD0116-01	TP-18-SS-040212-00	Total	Soil	SW846 9012B	12D0825_P
NWD0116-02	TP-18-SO-040212-03	Total	Soil	SW846 9012B	12D0825_P
NWD0116-03	TP-18-SO-040212-09	Total	Soil	SW846 9012B	12D0825_P
NWD0116-04	TP-18-SO-040212-10	Total	Soil	SW846 9012B	12D0825_P
NWD0116-06	TP-19-SS-040212-00	Total	Soil	SW846 9012B	12D0825_P
NWD0116-07	TP-19-SO-040212-05	Total	Soil	SW846 9012B	12D0825_P

Analysis Batch: 12D1638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1638-BLK1	Method Blank	Total	Soil	SW846 7196A	12D1638_P
12D1638-BS1	Lab Control Sample	Total	Soil	SW846 7196A	12D1638_P
12D1638-DUP1	Duplicate	Total	Soil	SW846 7196A	12D1638_P
12D1638-MS1	Matrix Spike	Total	Soil	SW846 7196A	12D1638_P
12D1638-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 7196A	12D1638_P
12D1638-PS1	NWC2680-08	Total	Soil	SW846 7196A	12D1638_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

WetChem (Continued)

Analysis Batch: 12D1638 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0116-01	TP-18-SS-040212-00	Total	Soil	SW846 7196A	12D1638_P
NWD0116-02	TP-18-SO-040212-03	Total	Soil	SW846 7196A	12D1638_P
NWD0116-03	TP-18-SO-040212-09	Total	Soil	SW846 7196A	12D1638_P
NWD0116-04	TP-18-SO-040212-10	Total	Soil	SW846 7196A	12D1638_P
NWD0116-06	TP-19-SS-040212-00	Total	Soil	SW846 7196A	12D1638_P
NWD0116-07	TP-19-SO-040212-05	Total	Soil	SW846 7196A	12D1638_P

Prep Batch: 12D0825_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0825-BLK1	Method Blank	Total	Soil	NO PREP	
12D0825-BLK2	Method Blank	Total	Soil	NO PREP	
12D0825-BS1	Lab Control Sample	Total	Soil	NO PREP	
12D0825-BS2	Lab Control Sample	Total	Soil	NO PREP	
12D0825-DUP1	TP-18-SO-040212-03	Total	Soil	NO PREP	
12D0825-MS1	TP-18-SS-040212-00	Total	Soil	NO PREP	
12D0825-MSD1	TP-18-SS-040212-00	Total	Soil	NO PREP	
NWD0116-01	TP-18-SS-040212-00	Total	Soil	NO PREP	
NWD0116-02	TP-18-SO-040212-03	Total	Soil	NO PREP	
NWD0116-03	TP-18-SO-040212-09	Total	Soil	NO PREP	
NWD0116-04	TP-18-SO-040212-10	Total	Soil	NO PREP	
NWD0116-06	TP-19-SS-040212-00	Total	Soil	NO PREP	
NWD0116-07	TP-19-SO-040212-05	Total	Soil	NO PREP	

Prep Batch: 12D1638_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1638-BLK1	Method Blank	Total	Soil	NO PREP	
12D1638-BS1	Lab Control Sample	Total	Soil	NO PREP	
12D1638-DUP1	Duplicate	Total	Soil	NO PREP	
12D1638-MS1	Matrix Spike	Total	Soil	NO PREP	
12D1638-MSD1	Matrix Spike Duplicate	Total	Soil	NO PREP	
12D1638-PS1	NWC2680-08	Total	Soil	NO PREP	
NWD0116-01	TP-18-SS-040212-00	Total	Soil	NO PREP	
NWD0116-02	TP-18-SO-040212-03	Total	Soil	NO PREP	
NWD0116-03	TP-18-SO-040212-09	Total	Soil	NO PREP	
NWD0116-04	TP-18-SO-040212-10	Total	Soil	NO PREP	
NWD0116-06	TP-19-SS-040212-00	Total	Soil	NO PREP	
NWD0116-07	TP-19-SO-040212-05	Total	Soil	NO PREP	

Extractions

Analysis Batch: 12D0878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0878-DUP1	TP-18-SS-040212-00	Total	Soil	SW-846	12D0878_P
NWD0116-01	TP-18-SS-040212-00	Total	Soil	SW-846	12D0878_P
NWD0116-02	TP-18-SO-040212-03	Total	Soil	SW-846	12D0878_P
NWD0116-03	TP-18-SO-040212-09	Total	Soil	SW-846	12D0878_P
NWD0116-04	TP-18-SO-040212-10	Total	Soil	SW-846	12D0878_P
NWD0116-06	TP-19-SS-040212-00	Total	Soil	SW-846	12D0878_P
NWD0116-07	TP-19-SO-040212-05	Total	Soil	SW-846	12D0878_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Extractions (Continued)

Prep Batch: 12D0878_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0878-DUP1	TP-18-SS-040212-00	Total	Soil	% Solids	
NWD0116-01	TP-18-SS-040212-00	Total	Soil	% Solids	
NWD0116-02	TP-18-SO-040212-03	Total	Soil	% Solids	
NWD0116-03	TP-18-SO-040212-09	Total	Soil	% Solids	
NWD0116-04	TP-18-SO-040212-10	Total	Soil	% Solids	
NWD0116-06	TP-19-SS-040212-00	Total	Soil	% Solids	
NWD0116-07	TP-19-SO-040212-05	Total	Soil	% Solids	

Analysis Batch: 12D0505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0116-01	TP-18-SS-040212-00	Total	Soil	SW846 6020	

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-18-SS-040212-00

Lab Sample ID: NWD0116-01

Date Collected: 04/02/12 13:04

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.817	12D1646_P	04/02/12 13:04	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005869	04/08/12 20:23	MJH /	TAL NSH
Total	Prep	EPA 5035	RE1	0.789	12D0406_P	04/02/12 13:04	AAN	TAL NSH
Total	Analysis	SW846 8260B	RE1	50.0	V005928	04/09/12 22:30	MJH /	TAL NSH
Total	Prep	EPA 3550B		0.977	12D0539_P	04/06/12 13:15	JJR	TAL NSH
Total	Analysis	SW846 8270C		2.00	12D0539	04/09/12 06:36	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0548_P	04/04/12 16:20	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005545	04/04/12 19:44	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A	RE2	0.976	12D0467_P	04/04/12 07:00	JJR	TAL NSH
Total	Analysis	SW846 8082	RE2	1.00	V005823	04/11/12 05:57	WAM	TAL NSH
Total	Prep	EPA 3051 / 6020		0.992	12D0505_P	04/07/12 19:12	MET	TAL NSH
Total	Analysis	SW846 6020		2.00	12D0505	04/07/12 23:14	MET	TAL NSH
Total	Prep	EPA 7471		0.96	12D0772_P	04/06/12 13:05	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D0772	04/09/12 13:18	MB	TAL NSH
Total	Prep	EPA 3051 / 6020	RE1	0.992	12D0505_P	04/07/12 19:12	MET	TAL NSH
Total	Analysis	SW846 6020	RE1	20.0	12D0505	04/12/12 13:19	MET	TAL NSH
Total	Prep	EPA 3051 / 6020	RE2	0.992	12D0505_P	04/07/12 19:12	MET	TAL NSH
Total	Analysis	SW846 6020	RE2	100	12D0505	04/12/12 13:44	MET	TAL NSH
Total	Prep	NO PREP		1.00	12D1638_P	04/06/12 09:40	AMB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1638	04/09/12 10:16	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12D0825_P	04/10/12 09:05	SNG	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D0825	04/11/12 10:21	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D0878_P	04/05/12 13:28	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D0878	04/06/12 10:15	RRS	TAL NSH
Total	Analysis	SW846 6020		2.00	12D0505	04/07/12 23:17		TAL NSH

Client Sample ID: TP-18-SO-040212-03

Lab Sample ID: NWD0116-02

Date Collected: 04/02/12 16:05

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 79.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.882	12D1646_P	04/02/12 16:05	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005869	04/08/12 20:51	MJH /	TAL NSH
Total	Prep	EPA 5035	RE1	0.853	12D0406_P	04/02/12 16:05	AAN	TAL NSH
Total	Analysis	SW846 8260B	RE1	50.0	V005928	04/09/12 22:57	MJH /	TAL NSH
Total	Prep	EPA 5035	RE2	0.853	12D0406_P	04/02/12 16:05	AAN	TAL NSH
Total	Analysis	SW846 8260B	RE2	1000	V005928	04/09/12 23:25	MJH /	TAL NSH
Total	Prep	EPA 3550B		0.983	12D0539_P	04/06/12 13:15	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D0539	04/09/12 06:54	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0548_P	04/04/12 16:20	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005545	04/04/12 20:00	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.985	12D0467_P	04/04/12 07:00	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005548	04/05/12 18:26	WAM	TAL NSH
Total	Prep	EPA 3051 / 6020		0.996	12D0505_P	04/07/12 19:12	MET	TAL NSH
Total	Analysis	SW846 6020		2.00	12D0505	04/07/12 23:24	MET	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-18-SO-040212-03

Lab Sample ID: NWD0116-02

Date Collected: 04/02/12 16:05

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 79.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 7471		1.0	12D0772_P	04/06/12 13:05	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D0772	04/09/12 13:24	MB	TAL NSH
Total	Prep	EPA 3051 / 6020	RE1	0.996	12D0505_P	04/07/12 19:12	MET	TAL NSH
Total	Analysis	SW846 6020	RE1	20.0	12D0505	04/12/12 13:22	MET	TAL NSH
Total	Prep	EPA 3051 / 6020	RE2	0.996	12D0505_P	04/07/12 19:12	MET	TAL NSH
Total	Analysis	SW846 6020	RE2	100	12D0505	04/12/12 13:48	MET	TAL NSH
Total	Prep	NO PREP		1.00	12D1638_P	04/06/12 09:40	AMB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1638	04/09/12 10:16	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12D0825_P	04/10/12 09:05	SNG	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D0825	04/11/12 10:25	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D0878_P	04/05/12 13:28	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D0878	04/06/12 10:15	RRS	TAL NSH

Client Sample ID: TP-18-SO-040212-09

Lab Sample ID: NWD0116-03

Date Collected: 04/02/12 16:00

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 76.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035	RE1	0.817	12D0406_P	04/02/12 16:00	AAN	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	V005928	04/09/12 21:34	MJH /	TAL NSH
Total	Prep	EPA 3550B		0.982	12D0539_P	04/06/12 13:15	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D0539	04/08/12 22:28	KJP	TAL NSH
Total	Prep	EPA 3550B	RE1	0.985	12D1580_P	04/09/12 10:55	JJR	TAL NSH
Total	Analysis	TPH-D/Finger	RE1	1.00	V005835	04/10/12 02:06	JLF	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0548_P	04/04/12 16:20	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005545	04/04/12 20:15	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.981	12D0467_P	04/04/12 07:00	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005548	04/05/12 18:45	WAM	TAL NSH
Total	Prep	EPA 3051 / 6020		0.952	12D0505_P	04/07/12 19:12	MET	TAL NSH
Total	Analysis	SW846 6020		2.00	12D0505	04/07/12 23:28	MET	TAL NSH
Total	Prep	EPA 7471		0.97	12D0772_P	04/06/12 13:05	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D0772	04/09/12 13:26	MB	TAL NSH
Total	Prep	EPA 3051 / 6020	RE1	0.952	12D0505_P	04/07/12 19:12	MET	TAL NSH
Total	Analysis	SW846 6020	RE1	20.0	12D0505	04/12/12 13:26	MET	TAL NSH
Total	Prep	NO PREP		1.00	12D1638_P	04/06/12 09:40	AMB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1638	04/09/12 10:16	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12D0825_P	04/10/12 09:05	SNG	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D0825	04/11/12 10:23	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D0878_P	04/05/12 13:28	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D0878	04/06/12 10:15	RRS	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-18-SO-040212-10

Lab Sample ID: NWD0116-04

Date Collected: 04/02/12 16:02

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 78.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.933	12D1646_P	04/02/12 16:02	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005869	04/08/12 21:47	MJH /	TAL NSH
Total	Prep	EPA 5035	RE1	0.791	12D0406_P	04/02/12 16:02	AAN	TAL NSH
Total	Analysis	SW846 8260B	RE1	50.0	V005928	04/09/12 23:53	MJH /	TAL NSH
Total	Prep	EPA 3550B		0.978	12D0539_P	04/06/12 13:15	JJR	TAL NSH
Total	Analysis	SW846 8270C		2.00	12D0539	04/09/12 07:12	KJP	TAL NSH
Total	Prep	EPA 3550B	RE1	0.978	12D0539_P	04/06/12 13:15	JJR	TAL NSH
Total	Analysis	SW846 8270C	RE1	10.0	12D0539	04/09/12 07:30	KJP	TAL NSH
Total	Prep	EPA 3550B	RE2	0.978	12D0539_P	04/06/12 13:15	JJR	TAL NSH
Total	Analysis	SW846 8270C	RE2	100	12D0539	04/09/12 08:42	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0548_P	04/04/12 16:20	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005545	04/04/12 20:31	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.983	12D0467_P	04/04/12 07:00	JJR	TAL NSH
Total	Analysis	SW846 8082		10.0	V005548	04/05/12 21:34	WAM	TAL NSH
Total	Prep	EPA 3051 / 6020		1.01	12D0505_P	04/07/12 19:12	MET	TAL NSH
Total	Analysis	SW846 6020		2.00	12D0505	04/07/12 23:31	MET	TAL NSH
Total	Prep	EPA 7471		0.98	12D0772_P	04/06/12 13:05	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D0772	04/09/12 13:28	MB	TAL NSH
Total	Prep	EPA 3051 / 6020	RE1	1.01	12D0505_P	04/07/12 19:12	MET	TAL NSH
Total	Analysis	SW846 6020	RE1	20.0	12D0505	04/12/12 13:30	MET	TAL NSH
Total	Prep	EPA 3051 / 6020	RE2	1.01	12D0505_P	04/07/12 19:12	MET	TAL NSH
Total	Analysis	SW846 6020	RE2	100	12D0505	04/12/12 13:52	MET	TAL NSH
Total	Prep	NO PREP		1.00	12D1638_P	04/06/12 09:40	AMB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1638	04/09/12 10:16	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12D0825_P	04/10/12 09:05	SNG	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D0825	04/11/12 10:27	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D0878_P	04/05/12 13:28	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D0878	04/06/12 10:15	RRS	TAL NSH

Client Sample ID: Trip Blank

Lab Sample ID: NWD0116-05

Date Collected: 04/02/12 00:01

Matrix: Water

Date Received: 04/03/12 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12D1636_P	04/06/12 09:04	EML	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005807	04/06/12 13:53	EML	TAL NSH
Total	Prep	EPA 5030B	RE1	1.00	12D1831_P	04/09/12 10:25	EML	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	V005867	04/09/12 16:22	EML	TAL NSH

Client Sample ID: TP-19-SS-040212-00

Lab Sample ID: NWD0116-06

Date Collected: 04/02/12 10:08

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035	RE1	0.752	12D0406_P	04/02/12 10:08	AAN	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-19-SS-040212-00

Lab Sample ID: NWD0116-06

Date Collected: 04/02/12 10:08

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	SW846 8260B	RE1	1.00	V005928	04/09/12 22:02	MJH /	TAL NSH
Total	Prep	EPA 3550B		0.980	12D0539_P	04/06/12 13:15	JJR	TAL NSH
Total	Analysis	SW846 8270C		2.00	12D0539	04/09/12 07:48	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0548_P	04/04/12 16:20	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005545	04/04/12 20:46	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A	RE2	0.978	12D0467_P	04/04/12 07:00	JJR	TAL NSH
Total	Analysis	SW846 8082	RE2	1.00	V005823	04/11/12 05:38	WAM	TAL NSH
Total	Prep	EPA 3051 / 6020		1.00	12D0505_P	04/07/12 19:12	MET	TAL NSH
Total	Analysis	SW846 6020		2.00	12D0505	04/07/12 23:35	MET	TAL NSH
Total	Prep	EPA 7471		0.99	12D0772_P	04/06/12 13:05	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D0772	04/09/12 13:30	MB	TAL NSH
Total	Prep	EPA 3051 / 6020	RE1	1.00	12D0505_P	04/07/12 19:12	MET	TAL NSH
Total	Analysis	SW846 6020	RE1	20.0	12D0505	04/12/12 13:33	MET	TAL NSH
Total	Prep	NO PREP		1.00	12D1638_P	04/06/12 09:40	AMB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1638	04/09/12 10:16	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12D0825_P	04/10/12 09:05	SNG	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D0825	04/10/12 17:18	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D0878_P	04/05/12 13:28	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D0878	04/06/12 10:15	RRS	TAL NSH

Client Sample ID: TP-19-SO-040212-05

Lab Sample ID: NWD0116-07

Date Collected: 04/02/12 11:24

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 75.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.799	12D1646_P	04/02/12 11:24	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005869	04/08/12 22:43	MJH /	TAL NSH
Total	Prep	EPA 5035	RE1	0.862	12D0406_P	04/02/12 11:24	AAN	TAL NSH
Total	Analysis	SW846 8260B	RE1	50.0	V005928	04/10/12 00:49	MJH /	TAL NSH
Total	Prep	EPA 5035	RE2	0.862	12D2036_P	04/02/12 11:24	AAN	TAL NSH
Total	Analysis	SW846 8260B	RE2	500	V005961	04/11/12 01:32	MJH	TAL NSH
Total	Prep	EPA 3550B		1.99	12D0539_P	04/06/12 13:15	JJR	TAL NSH
Total	Analysis	SW846 8270C		2.00	12D0539	04/09/12 08:06	KJP	TAL NSH
Total	Prep	EPA 3550B	RE1	1.99	12D0539_P	04/06/12 13:15	JJR	TAL NSH
Total	Analysis	SW846 8270C	RE1	10.0	12D0539	04/09/12 08:24	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0548_P	04/04/12 16:20	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005545	04/04/12 21:01	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.992	12D0467_P	04/04/12 07:00	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005548	04/05/12 21:53	WAM	TAL NSH
Total	Prep	EPA 3051 / 6020		0.958	12D0505_P	04/07/12 19:12	MET	TAL NSH
Total	Analysis	SW846 6020		2.00	12D0505	04/07/12 23:38	MET	TAL NSH
Total	Prep	EPA 7471		0.96	12D0772_P	04/06/12 13:05	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D0772	04/09/12 13:32	MB	TAL NSH
Total	Prep	EPA 3051 / 6020	RE1	0.958	12D0505_P	04/07/12 19:12	MET	TAL NSH
Total	Analysis	SW846 6020	RE1	20.0	12D0505	04/12/12 13:37	MET	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Client Sample ID: TP-19-SO-040212-05

Lab Sample ID: NWD0116-07

Date Collected: 04/02/12 11:24

Matrix: Soil

Date Received: 04/03/12 08:00

Percent Solids: 75.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	NO PREP		1.00	12D1638_P	04/06/12 09:40	AMB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1638	04/09/12 10:16	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12D0825_P	04/10/12 09:05	SNG	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D0825	04/10/12 17:18	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D0878_P	04/05/12 13:28	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D0878	04/06/12 10:15	RRS	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Method Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Method	Method Description	Protocol	Laboratory
SW-846	General Chemistry Parameters		TAL NSH
SW846 8260B	Volatile Organic Compounds by EPA Method 8260B		TAL NSH
SW846 8270C	Semivolatile Organic Compounds by EPA Method 8270C		TAL NSH
TPH-D/Finger	Extractable Petroleum Hydrocarbons		TAL NSH
SW846 8015B	Glycols by EPA Method 8015 (modified)		TAL NSH
SW846 8082	Polychlorinated Biphenyls by EPA Method 8082		TAL NSH
SW846 6020	Total Metals by Method 6020		TAL NSH
SW846 7471A	Mercury by EPA Methods 7470A/7471A		TAL NSH
SW846 7196A	General Chemistry Parameters		TAL NSH
SW846 9012B	General Chemistry Parameters		TAL NSH

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Certification Summary

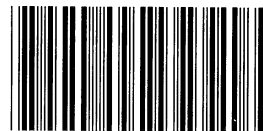
Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0116

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Nashville		ACIL		393
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska (UST)	State Program	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas DEQ	State Program	6	88-0737
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Canadian Assoc Lab Accred (CALA)	Canada		3744
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Florida	NELAC	4	E87358
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Kentucky (UST)	State Program	4	19
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Louisiana	NELAC	6	LA110014
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana (UST)	State Program	8	NA
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina DENR	State Program	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio VAP	State Program	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	USDA	Federal		S-48469
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	NELAC	3	460152
TestAmerica Nashville	Virginia	State Program	3	00323
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia DEP	State Program	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430
TestAmerica Nashville	Wyoming (UST)	A2LA	8	453.07

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

COOLER REC



NWD0116

Cooler Received/Opened On 4/3/2012 @ 8:00

1. Tracking # 2798 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 12080142

2. Temperature of rep. sample or temp blank when opened: 2.4 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...☒...NO...NA

4. Were custody seals on outside of cooler? YES...☒...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...☒...NO...NA

6. Were custody papers inside cooler? YES...☒...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) LG

7. Were custody seals on containers: YES ☒ NO ☒ and Intact YES...☒...NO...NA

Were these signed and dated correctly? YES...☒...NO...NA

8. Packing mat'l used? ☒ Bubblewrap ☐ Plastic bag ☐ Peanuts ☐ Vermiculite ☐ Foam Insert ☐ Paper ☐ Other ☐ None

9. Cooling process: ☒ Ice ☐ Ice-pack ☐ Ice (direct contact) ☐ Dry ice ☐ Other ☐ None

10. Did all containers arrive in good condition (unbroken)? YES...☒...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...☒...NO...NA

12. Did all container labels and tags agree with custody papers? YES...☒...NO...NA

13a. Were VOA vials received? YES...☒...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...☒...NO...NA

14. Was there a Trip Blank in this cooler? YES...☒...NO...NA If multiple coolers, sequence #

I certify that I unloaded the cooler and answered questions 7-14 (initial) LG

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...☒...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...☒...NO...NA

16. Was residual chlorine present? YES...☒...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) LG

17. Were custody papers properly filled out (ink, signed, etc)? YES...☒...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...☒...NO...NA

19. Were correct containers used for the analysis requested? YES...☒...NO...NA

20. Was sufficient amount of sample sent in each container? YES...☒...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) LG

I certify that I attached a label with the unique LIMS number to each container (initial) LG

21. Were there Non-Conformance issues at login? YES...☒...NO...NA Was a PIPE generated? YES...☒...NO...# 62930

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax: (615) 726-3404
' , "Reg District (CA)"

Client: Haley & Aldrich (Lenexa)

Address: 8735 Rosehill Road, Suite 340

City, State, Zip: Lenexa

Client Invoice Contact: Accounts Payable

Client Project Mgr: Mariruth Gruis

Client Telephone#: (913) 217-6907

Sampler Name (Print)

SamplerSignature:

Fax: (913) 217-6957

१३

11

Reg District (CA):

Site Address:

City, State, Zip:

istrict (CA):

1

Missou

100

NWDO0116

04/12/12 23:59

TA Account #: 532031

Invoice to: Haley & Aldrich

Report to: Mariruth Gruis

Project Name: Leeds Facility

Facility ID: [none]

Reg District (CA):

Site Address:

City, State, Zip:

istrict (CA):

1

Missou

10

NW00116

04/12/12 23:59

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	8015B Ethylene Glyco	8082 PCBs	8260B Extended List VOA	8270C Extended SVOA	Chromium, Hexavalent by EPA 7196	Cyanide Total 9012B	Flashpoint 1010 Closed Cup	Metals, TAL (23) 6010/7471 soi	pH 9040C (+T)	Solids Percent Dry Weight	AL MET WATER 6020/6010B/7470A	RUSH TAT (Pre Schedule)*
TP-18-55-040212-00	4/21/12	1304	6	X			1	2						3					6			X	X	X	X	X	X	X	X	X		
TP-18-50-040212-03	4/21/12	1605	6	X			1	2						2					6			X	X	X	X	X	X	X	X	X		
TP-18-50-040212-09	4/21/12	1600	6	X			1	2						3					6			X	X	X	X	X	X	X	X	X		
TP-18-50-040212-10	4/21/12	1602	6	X			1	2						2					6			X	X	X	X	X	X	X	X	X		
TriP Bank	-	-	2																													

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: **BO # 28973**

Relinquished by:	Date: 4/21/12	Time: 1915	Received by:	Date:	Time:	Relinquished by:	Date:	Time:			
Shipped Via:	Shipped Via:			QC Deliverables (Please Circle One):			Date Due of Report:				
Received for TestAmerica by:			Temperature Upon Receipt: 99			Sample Containers Intact? Y N			Level 2 Level 3 Level 4 Site Specific		
Date: 4/21/12			Time: 0800			VOCs Free of Headspace? Y N			(If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)		

Client: Haley & Aldrich (Lenexa)
Address: 8735 Rosehill Road, Suite 340
City, State, Zip: Lenexa KS 66215-6949
Client Invoice Contact: Accounts Payable
Client Project Mgr: Mariruth Gruis
Client Telephone#: (913) 217-6907 Fax: (913) 217-6957
Sampler Name (Print): John Knightly
Sampler Signature: [Signature]

TA Account #: 532031 PO #:
Invoice to: Haley & Aldrich
Report to: Mariruth Gruis
Project Name: Leeds Facility
Facility ID: [none]
Reg District (CA):
Site Address:
City, State, Zip: Missouri

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Methanol	Preservative					Matrix					Analyze for										AL MET WATER 6020/6108/7470A		
								(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	8015B Ethylene Glycol	8082 PCBs	8260B Extended List VOA	8270C Extended SVOA	Chromium, Hexavalent by EPA 7196	Cyanide Total 9012B	Flashpoint 1010 Closed Cup	Metals, TAL (23) 6010/7471 soil	PH 9040C (+T)		Solids Percent Dry Weight	
TP-18-SS-040212-00	4/2/12	1304	6	X			1	2				3				6		X	X	X	X	X	X	X	X	X	X	X		
TP-18-SS-040212-03	4/2/12	1605	6	X			1	2				3				6		X	X	X	X	X	X	X	X	X	X	X		
TP-18-SS-040212-09	4/2/12	1600	6	X			1	2				3				6		X	X	X	X	X	X	X	X	X	X	X		
TP-18-SS-040212-10	4/2/12	1602	6	X			1	2				3				6		X	X	X	X	X	X	X	X	X	X	X		
Trap Bank	-	-	2																											
~~TP-19-SS-040212-00 10:08~~																														
TP-19-SS-040212-00	4/2/12	10:08	6	X			1	2				3				6		X	X	X	X	X	X	X	X	X	X	X		
TP-19-SS-040212-05	4/2/12	11:24	6	X			1	2				3				6		X	X	X	X	X	X	X	X	X	X	X		

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 28973

Modified COC - 2 samples included w/ shipment but not noted on original COC.

Relinquished by: <u>[Signature]</u>	Date: <u>4/2/12</u>	Time: <u>1915</u>	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Shipped Via:			Shipped Via:			QC Deliverables (Please Circle One): Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)		
Received for TestAmerica by:			Date:	Time:	Temperature Upon Receipt:	Sample Containers Intact? Y N VOCs Free of Headspace? Y N		
Date Due of Report:								

1
2
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10
11**Connor, Roxanne**

From: Gruis, Mariruth [MGruis@haleyaldrich.com]
Sent: Tuesday, April 03, 2012 9:14 AM
To: Connor, Roxanne
Subject: RE: Monday's Chain of Custody
Follow Up Flag: Follow up
Flag Status: Red
Attachments: 2012_0402_RACER_Leeds COCs.pdf

NWD 0116

Roxanne,

Attached is a copy of the COCs for samples to be received at your lab this morning. Please note that there is a hex chrome water sample that needs to be logged and analyzed first thing to meet the hold time requirements.

A question – would it possible to get TPH analysis by 8270 from the amount of soil provided for the following (2) samples:

- TP-18-SO-040212-03
- TP-18-SO-040212-10

We did not originally have TPH in our suite of analysis but did get odors that seems to be petroleum based. While we don't intend to run for TPH on other samples, thought we'd try to confirm on these to see what levels we might be finding.

Let me know,
Thanks
Mariruth

Please note new cell phone number below

Mariruth A. Gruis, P.E.
Senior Project Manager
HALEY & ALDRICH, INC.
8735 Rosehill Road, Suite 340
Lenexa, KS 66215-6949
Tel: 913.217.6907
Cell: 913.636.3497
Fax: 913.217.6957
mgruis@HaleyAldrich.com
www.HaleyAldrich.com

From: jknightly@everestkc.net [mailto:jknightly@everestkc.net]
Sent: Tuesday, April 03, 2012 5:42 AM
To: Gruis, Mariruth
Subject: Monday's Chain of Custody

Client: Haley & Aldrich (Lenexa)
Address: 8735 Rosehill Road, Suite 340
City, State, Zip: Lenexa KS 66245-6949
Client Invoice Contact: Accounts Payable
Client Project Mgr: Mariruth Gruis
Client Telephone#: (913) 217-6907 Fax: (913) 217-6957
Sampler Name (Print): John Kugibely
Sampler Signature: John Kugibely

TA Account #: 532031 PO #:
Invoice to: Haley & Aldrich
Report to: Mariruth Gruis
Project Name: Leeds Facility
Facility ID: [none]
Reg District (CA):
Site Address:
City, State, Zip: Missouri

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative		Matrix		Analyze for														
							(Blue Label) HCL	Sodium Bisulfate	Methanol	Drinking Water	Wastewater	Groundwater	Sludge	Soil	(Specify) Other	80/15 Ethylene Glycol	90/10 PCBs	826CB Extended List VOA	8270C Extended SVOC	Chromium, Hexavalent by EPA 719B	Cyanide Total 90-12B	FastPoint 1010 Closed Cup	Metals, TALL 123 6010/7471 soil	Solids Percent dry weight	pH 50-40C (+/-)
TP-18-SS-040212-00	4/2/12	12:4	6	X				2				6		X	X	X	X	X		X	X				
TP-18-SS-040212-03	4/2/12	1:05	6	X				2				6		X	X	X	X	X		X	X				
TP-18-SS-040212-04	4/2/12	1:00	6	X				2				6		X	X	X	X	X		X	X				
TP-18-SS-040212-10	4/2/12	1:02	6	X				2				6		X	X	X	X	X		X	X				
Trap Bank			2													X									
~~TP-19-SS-040212-00 10:08~~	~~4/2/12~~	~~10:08~~	~~6~~	~~X~~				~~1 2~~				~~6~~		~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		~~X~~	~~X~~				
TP-19-SS-040212-00	4/2/12	10:08	6	X				1 2				6		X	X	X	X	X		X	X				
TP-19-SS-040212-05	4/2/12	11:24	6	X				1 2				6		X	X	X	X	X		X	X				

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 28973

Modified COC - 2 samples included w/ shipment but not noted on original COC.

(2) Modified to Add 3015 Finger print analysis for CB-C30 range

Relinquished by: John Kugibely	Date: 4/2/12	Time: 19:15	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Shipped Via:			Shipped Via:					
Received for TestAmerica by:	Date:	Time:	Temperature Upon Receipt:	Sample Containers Intact? Y N	VOC's Free of Headpace? Y N	Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)		

X TP-18-SS-040212-09

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

2960 Foster Creighton Road

Nashville, TN 37204

Tel: 800-765-0980

TestAmerica Job ID: NWD0178

Client Project/Site: [none]

Client Project Description: Leeds Facility

For:

Haley & Aldrich (Lenexa)

8735 Rosehill Road, Suite 340

Lenexa, KS 66215-6949

Attn: Mariruth Gruis

Roxanne L. Connor

Authorized for release by:

4/16/2012 2:32:33 PM

Roxanne Connor

Program Manager - Conventional Accounts

roxanne.connor@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Sample Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
NWD0178-01	TP-16-GW-040312-12	Ground Water	04/03/12 14:38	04/04/12 08:30
NWD0178-02	TP-50-GW-040312-12	Ground Water	04/03/12 00:01	04/04/12 08:30
NWD0178-03	Trip Blank	Water	04/03/12 00:01	04/04/12 08:30

Definitions/Glossary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
L2	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.
R2	The RPD exceeded the acceptance limit.

GCMS Semivolatiles

Qualifier	Qualifier Description
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Pesticides

Qualifier	Qualifier Description
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

WetChem

Qualifier	Qualifier Description
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
R2	The RPD exceeded the acceptance limit.
H	Sample analysis performed past method-specified holding time.
RL1	Reporting limit raised due to sample matrix effects.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
H10	The holding time calculation is based on a sampling time of 00:00 on the sampling date noted on the Chain of Custody. No sampling time was provided to the laboratory.
H3	Sample was received and analyzed past holding time.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Client Sample ID: TP-16-GW-040312-12

Lab Sample ID: NWD0178-01

Date Collected: 04/03/12 14:38

Matrix: Ground Water

Date Received: 04/04/12 08:30

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Benzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Bromoform	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Chloroform	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Styrene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Toluene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/06/12 09:04	04/06/12 13:01	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 13:01	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Client Sample ID: TP-16-GW-040312-12

Lab Sample ID: NWD0178-01

Date Collected: 04/03/12 14:38

Matrix: Ground Water

Date Received: 04/04/12 08:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	109		70 - 130	04/06/12 09:04	04/06/12 13:01	1.00
Dibromofluoromethane	102		70 - 130	04/06/12 09:04	04/06/12 13:01	1.00
Toluene-d8	100		70 - 130	04/06/12 09:04	04/06/12 13:01	1.00
4-Bromofluorobenzene	102		70 - 130	04/06/12 09:04	04/06/12 13:01	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Acetate	ND		10.0	5.00	ug/L		04/10/12 05:39	04/10/12 10:25	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	112		70 - 130	04/10/12 05:39	04/10/12 10:25	1.00
Dibromofluoromethane	108		70 - 130	04/10/12 05:39	04/10/12 10:25	1.00
Toluene-d8	102		70 - 130	04/10/12 05:39	04/10/12 10:25	1.00
4-Bromofluorobenzene	102		70 - 130	04/10/12 05:39	04/10/12 10:25	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1.23	J	1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Acenaphthylene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Acetophenone	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Anthracene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Atrazine	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Benzaldehyde	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Benzo (a) anthracene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Benzo (a) pyrene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Benzo (b) fluoranthene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Benzo (g,h,i) perylene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Benzo (k) fluoranthene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Biphenyl	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
4-Bromophenyl phenyl ether	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Butyl benzyl phthalate	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Caprolactam	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Carbazole	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
4-Chloro-3-methylphenol	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
4-Chloroaniline	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Bis(2-chloroethoxy)methane	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Bis(2-chloroethyl)ether	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Bis(2-chloroisopropyl)ether	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
2-Chloronaphthalene	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
2-Chlorophenol	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
4-Chlorophenyl phenyl ether	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Chrysene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Dibenz (a,h) anthracene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Dibenzofuran	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Di-n-butyl phthalate	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
3,3-Dichlorobenzidine	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
2,4-Dichlorophenol	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Diethyl phthalate	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
2,4-Dimethylphenol	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Dimethyl phthalate	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
4,6-Dinitro-2-methylphenol	ND		23.8	12.4	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
2,4-Dinitrophenol	ND		23.8	12.4	ug/L		04/04/12 13:40	04/05/12 21:17	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Client Sample ID: TP-16-GW-040312-12

Lab Sample ID: NWD0178-01

Date Collected: 04/03/12 14:38

Matrix: Ground Water

Date Received: 04/04/12 08:30

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
2,6-Dinitrotoluene	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Di-n-octyl phthalate	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Bis(2-ethylhexyl)phthalate	5.13	J	9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Fluoranthene	1.03	J	1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Fluorene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Hexachlorobenzene	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Hexachlorobutadiene	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Hexachlorocyclopentadiene	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Hexachloroethane	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Indeno (1,2,3-cd) pyrene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Isophorone	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
2-Methylnaphthalene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
2-Methylphenol	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
3/4-Methylphenol	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Naphthalene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
4-Nitroaniline	ND		23.8	12.4	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
2-Nitroaniline	ND		23.8	12.4	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
3-Nitroaniline	ND		23.8	12.4	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Nitrobenzene	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
2-Nitrophenol	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
4-Nitrophenol	ND		23.8	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
N-Nitrosodiphenylamine	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
N-Nitrosodi-n-propylamine	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Pentachlorophenol	ND		23.8	12.4	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Phenanthrene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Phenol	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
Pyrene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
2,4,6-Trichlorophenol	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:17	1.00
2,4,5-Trichlorophenol	ND		23.8	12.4	ug/L		04/04/12 13:40	04/05/12 21:17	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	27		10 - 120	04/04/12 13:40	04/05/12 21:17	1.00
Phenol-d5	16		10 - 120	04/04/12 13:40	04/05/12 21:17	1.00
Nitrobenzene-d5	50		27 - 120	04/04/12 13:40	04/05/12 21:17	1.00
2-Fluorobiphenyl	43		29 - 120	04/04/12 13:40	04/05/12 21:17	1.00
2,4,6-Tribromophenol	47		10 - 120	04/04/12 13:40	04/05/12 21:17	1.00
Terphenyl-d14	33		13 - 120	04/04/12 13:40	04/05/12 21:17	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		04/05/12 16:45	04/05/12 17:32	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	125		70 - 130	04/05/12 16:45	04/05/12 17:32	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		47.2	23.6	ug/L		04/05/12 14:20	04/06/12 10:35	1.00
PCB-1221	ND		47.2	23.6	ug/L		04/05/12 14:20	04/06/12 10:35	1.00
PCB-1232	ND		47.2	23.6	ug/L		04/05/12 14:20	04/06/12 10:35	1.00
PCB-1242	ND		47.2	23.6	ug/L		04/05/12 14:20	04/06/12 10:35	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Client Sample ID: TP-16-GW-040312-12

Lab Sample ID: NWD0178-01

Date Collected: 04/03/12 14:38

Matrix: Ground Water

Date Received: 04/04/12 08:30

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	ND		47.2	23.6	ug/L		04/05/12 14:20	04/06/12 10:35	1.00
PCB-1254	ND		47.2	23.6	ug/L		04/05/12 14:20	04/06/12 10:35	1.00
PCB-1260	ND		47.2	23.6	ug/L		04/05/12 14:20	04/06/12 10:35	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	79		17 - 142				04/05/12 14:20	04/06/12 10:35	1.00
Decachlorobiphenyl	27		10 - 149				04/05/12 14:20	04/06/12 10:35	1.00

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	30.8		2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:45	1.00
Arsenic	32.1		2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:45	1.00
Beryllium	0.940	J	2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:45	1.00
Cadmium	31.4		1.00	0.400	ug/L		04/07/12 17:13	04/08/12 00:45	1.00
Chromium	57.9		2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:45	1.00
Cobalt	15.2		2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:45	1.00
Manganese	987		5.00	1.00	ug/L		04/07/12 17:13	04/08/12 00:45	1.00
Nickel	87.7		5.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:45	1.00
Selenium	ND		2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:45	1.00
Silver	ND		2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:45	1.00
Thallium	ND		2.00	0.700	ug/L		04/07/12 17:13	04/08/12 00:45	1.00
Vanadium	30.9		4.00	1.50	ug/L		04/07/12 17:13	04/08/12 00:45	1.00

Method: SW846 6020 - Total Metals by Method 6020 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	742		25.0	5.00	ug/L		04/07/12 17:13	04/12/12 14:00	5.00
Zinc	3020		250	25.0	ug/L		04/07/12 17:13	04/12/12 14:00	5.00

Method: SW846 6020 - Total Metals by Method 6020 - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	9210		40.0	10.0	ug/L		04/07/12 17:13	04/12/12 14:11	20.0

Method: SW846 6020 - Total Metals by Method 6020 - RE3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5220		100	10.0	ug/L		04/07/12 17:13	04/12/12 14:22	50.0

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000113	J	0.000200	0.000100	mg/L		04/09/12 06:30	04/10/12 11:41	1.00

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND	H RL1	0.100	0.0500	mg/L		04/05/12 12:43	04/05/12 12:43	10.0

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND	L M8	0.00500	0.00250	mg/L		04/10/12 18:00	04/11/12 09:06	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Client Sample ID: TP-50-GW-040312-12

Lab Sample ID: NWD0178-02

Date Collected: 04/03/12 00:01

Matrix: Ground Water

Date Received: 04/04/12 08:30

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Benzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Bromoform	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Chloroform	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Styrene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Toluene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/06/12 09:04	04/06/12 16:57	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 16:57	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Client Sample ID: TP-50-GW-040312-12

Lab Sample ID: NWD0178-02

Date Collected: 04/03/12 00:01

Matrix: Ground Water

Date Received: 04/04/12 08:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	108		70 - 130	04/06/12 09:04	04/06/12 16:57	1.00
Dibromofluoromethane	104		70 - 130	04/06/12 09:04	04/06/12 16:57	1.00
Toluene-d8	100		70 - 130	04/06/12 09:04	04/06/12 16:57	1.00
4-Bromofluorobenzene	102		70 - 130	04/06/12 09:04	04/06/12 16:57	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Acetate	ND		10.0	5.00	ug/L		04/10/12 05:39	04/10/12 10:53	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	113		70 - 130	04/10/12 05:39	04/10/12 10:53	1.00
Dibromofluoromethane	107		70 - 130	04/10/12 05:39	04/10/12 10:53	1.00
Toluene-d8	102		70 - 130	04/10/12 05:39	04/10/12 10:53	1.00
4-Bromofluorobenzene	101		70 - 130	04/10/12 05:39	04/10/12 10:53	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	2.10		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Acenaphthylene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Acetophenone	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Anthracene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Atrazine	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Benzaldehyde	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Benzo (a) anthracene	0.990	J	1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Benzo (a) pyrene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Benzo (b) fluoranthene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Benzo (g,h,i) perylene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Benzo (k) fluoranthene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Biphenyl	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
4-Bromophenyl phenyl ether	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Butyl benzyl phthalate	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Caprolactam	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Carbazole	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
4-Chloro-3-methylphenol	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
4-Chloroaniline	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Bis(2-chloroethoxy)methane	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Bis(2-chloroethyl)ether	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Bis(2-chloroisopropyl)ether	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
2-Chloronaphthalene	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
2-Chlorophenol	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
4-Chlorophenyl phenyl ether	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Chrysene	1.13	J	1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Dibenz (a,h) anthracene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Dibenzofuran	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Di-n-butyl phthalate	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
3,3-Dichlorobenzidine	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
2,4-Dichlorophenol	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Diethyl phthalate	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
2,4-Dimethylphenol	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Dimethyl phthalate	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
4,6-Dinitro-2-methylphenol	ND		23.8	12.4	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
2,4-Dinitrophenol	ND		23.8	12.4	ug/L		04/04/12 13:40	04/05/12 21:35	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Client Sample ID: TP-50-GW-040312-12

Lab Sample ID: NWD0178-02

Date Collected: 04/03/12 00:01

Matrix: Ground Water

Date Received: 04/04/12 08:30

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
2,6-Dinitrotoluene	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Di-n-octyl phthalate	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Bis(2-ethylhexyl)phthalate	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Fluoranthene	2.83		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Fluorene	1.68	J	1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Hexachlorobenzene	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Hexachlorobutadiene	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Hexachlorocyclopentadiene	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Hexachloroethane	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Indeno (1,2,3-cd) pyrene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Isophorone	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
2-Methylnaphthalene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
2-Methylphenol	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
3/4-Methylphenol	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Naphthalene	ND		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
4-Nitroaniline	ND		23.8	12.4	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
2-Nitroaniline	ND		23.8	12.4	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
3-Nitroaniline	ND		23.8	12.4	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Nitrobenzene	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
2-Nitrophenol	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
4-Nitrophenol	ND		23.8	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
N-Nitrosodiphenylamine	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
N-Nitrosodi-n-propylamine	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Pentachlorophenol	ND		23.8	12.4	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Phenanthrene	4.14		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Phenol	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
Pyrene	2.10		1.90	0.952	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
2,4,6-Trichlorophenol	ND		9.52	4.76	ug/L		04/04/12 13:40	04/05/12 21:35	1.00
2,4,5-Trichlorophenol	ND		23.8	12.4	ug/L		04/04/12 13:40	04/05/12 21:35	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	34		10 - 120	04/04/12 13:40	04/05/12 21:35	1.00
Phenol-d5	20		10 - 120	04/04/12 13:40	04/05/12 21:35	1.00
Nitrobenzene-d5	55		27 - 120	04/04/12 13:40	04/05/12 21:35	1.00
2-Fluorobiphenyl	58		29 - 120	04/04/12 13:40	04/05/12 21:35	1.00
2,4,6-Tribromophenol	61		10 - 120	04/04/12 13:40	04/05/12 21:35	1.00
Terphenyl-d14	46		13 - 120	04/04/12 13:40	04/05/12 21:35	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		04/05/12 16:45	04/05/12 17:48	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	126		70 - 130	04/05/12 16:45	04/05/12 17:48	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		47.2	23.6	ug/L		04/05/12 14:20	04/06/12 10:57	1.00
PCB-1221	ND		47.2	23.6	ug/L		04/05/12 14:20	04/06/12 10:57	1.00
PCB-1232	ND		47.2	23.6	ug/L		04/05/12 14:20	04/06/12 10:57	1.00
PCB-1242	ND		47.2	23.6	ug/L		04/05/12 14:20	04/06/12 10:57	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Client Sample ID: TP-50-GW-040312-12

Lab Sample ID: NWD0178-02

Date Collected: 04/03/12 00:01

Matrix: Ground Water

Date Received: 04/04/12 08:30

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	ND		47.2	23.6	ug/L		04/05/12 14:20	04/06/12 10:57	1.00
PCB-1254	ND		47.2	23.6	ug/L		04/05/12 14:20	04/06/12 10:57	1.00
PCB-1260	ND		47.2	23.6	ug/L		04/05/12 14:20	04/06/12 10:57	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	74		17 - 142				04/05/12 14:20	04/06/12 10:57	1.00
Decachlorobiphenyl	27		10 - 149				04/05/12 14:20	04/06/12 10:57	1.00

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	38.2		2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:48	1.00
Arsenic	19.6		2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:48	1.00
Beryllium	0.530	J	2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:48	1.00
Cadmium	15.3		1.00	0.400	ug/L		04/07/12 17:13	04/08/12 00:48	1.00
Chromium	19.6		2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:48	1.00
Cobalt	4.46		2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:48	1.00
Copper	178		5.00	1.00	ug/L		04/07/12 17:13	04/08/12 00:48	1.00
Manganese	625		5.00	1.00	ug/L		04/07/12 17:13	04/08/12 00:48	1.00
Nickel	16.2		5.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:48	1.00
Selenium	ND		2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:48	1.00
Silver	ND		2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:48	1.00
Thallium	ND		2.00	0.700	ug/L		04/07/12 17:13	04/08/12 00:48	1.00
Vanadium	14.7		4.00	1.50	ug/L		04/07/12 17:13	04/08/12 00:48	1.00
Zinc	767		50.0	5.00	ug/L		04/07/12 17:13	04/08/12 00:48	1.00

Method: SW846 6020 - Total Metals by Method 6020 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	6130		40.0	10.0	ug/L		04/07/12 17:13	04/12/12 14:14	20.0
Lead	2150		40.0	4.00	ug/L		04/07/12 17:13	04/12/12 14:14	20.0

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000101	J	0.000200	0.000100	mg/L		04/09/12 06:30	04/10/12 11:43	1.00

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND	H10 H3 RL1	0.100	0.0500	mg/L		04/05/12 12:53	04/05/12 12:53	10.0

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	0.00350	J L	0.00500	0.00250	mg/L		04/10/12 18:00	04/11/12 09:09	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Client Sample ID: Trip Blank

Lab Sample ID: NWD0178-03

Date Collected: 04/03/12 00:01

Matrix: Water

Date Received: 04/04/12 08:30

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Benzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Bromoform	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Chloroform	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Styrene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Toluene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/06/12 09:04	04/06/12 14:19	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 14:19	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Client Sample ID: Trip Blank

Lab Sample ID: NWD0178-03

Date Collected: 04/03/12 00:01

Matrix: Water

Date Received: 04/04/12 08:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	105		70 - 130	04/06/12 09:04	04/06/12 14:19	1.00
Dibromofluoromethane	102		70 - 130	04/06/12 09:04	04/06/12 14:19	1.00
Toluene-d8	103		70 - 130	04/06/12 09:04	04/06/12 14:19	1.00
4-Bromofluorobenzene	104		70 - 130	04/06/12 09:04	04/06/12 14:19	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Acetate	ND		10.0	5.00	ug/L		04/09/12 10:25	04/09/12 17:17	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	99		70 - 130	04/09/12 10:25	04/09/12 17:17	1.00
Dibromofluoromethane	101		70 - 130	04/09/12 10:25	04/09/12 17:17	1.00
Toluene-d8	100		70 - 130	04/09/12 10:25	04/09/12 17:17	1.00
4-Bromofluorobenzene	102		70 - 130	04/09/12 10:25	04/09/12 17:17	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 12D1636-BLK1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Benzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Bromoform	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Chloroform	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Styrene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,1,1,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Toluene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-BLK1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, total	ND		3.00	1.50	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	106		70 - 130				04/06/12 09:04	04/06/12 11:43	1.00
Dibromofluoromethane	102		70 - 130				04/06/12 09:04	04/06/12 11:43	1.00
Toluene-d8	102		70 - 130				04/06/12 09:04	04/06/12 11:43	1.00
4-Bromofluorobenzene	105		70 - 130				04/06/12 09:04	04/06/12 11:43	1.00

Lab Sample ID: 12D1636-BS1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	238		ug/L		95	54 - 145
Benzene	50.0	51.0		ug/L		102	80 - 121
Bromochloromethane	50.0	47.3		ug/L		95	78 - 129
Bromodichloromethane	50.0	48.8		ug/L		98	75 - 129
Bromoform	50.0	53.4		ug/L		107	46 - 145
Bromomethane	50.0	61.6		ug/L		123	41 - 150
2-Butanone	250	212		ug/L		85	62 - 133
Carbon disulfide	50.0	49.3		ug/L		99	77 - 126
Carbon Tetrachloride	50.0	54.8		ug/L		110	64 - 147
Chlorobenzene	50.0	49.4		ug/L		99	80 - 120
Chlorodibromomethane	50.0	52.9		ug/L		106	69 - 133
Chloroethane	50.0	53.9		ug/L		108	72 - 120
Chloroform	50.0	54.3		ug/L		109	73 - 129
Chloromethane	50.0	52.6		ug/L		105	12 - 150
Cyclohexane	50.0	53.8		ug/L		108	73 - 122
1,2-Dibromo-3-chloropropane	50.0	47.8		ug/L		96	54 - 125
1,2-Dibromoethane (EDB)	50.0	47.7		ug/L		95	80 - 129
1,2-Dichlorobenzene	50.0	49.6		ug/L		99	80 - 121
1,3-Dichlorobenzene	50.0	50.8		ug/L		102	80 - 122
1,4-Dichlorobenzene	50.0	50.0		ug/L		100	80 - 120
Dichlorodifluoromethane	50.0	48.9		ug/L		98	37 - 127
1,2-Dichloroethane	50.0	49.7		ug/L		99	77 - 121
1,1-Dichloroethane	50.0	52.8		ug/L		106	78 - 125
1,1-Dichloroethene	50.0	50.0		ug/L		100	79 - 124
trans-1,2-Dichloroethene	50.0	53.7		ug/L		107	79 - 126
cis-1,2-Dichloroethene	50.0	52.9		ug/L		106	76 - 125
1,2-Dichloropropane	50.0	46.5		ug/L		93	75 - 120
trans-1,3-Dichloropropene	50.0	48.6		ug/L		97	63 - 134
cis-1,3-Dichloropropene	50.0	52.3		ug/L		105	74 - 140
Ethylbenzene	50.0	52.4		ug/L		105	80 - 130
2-Hexanone	250	242		ug/L		97	60 - 142
Isopropylbenzene	50.0	56.7		ug/L		113	80 - 141
Methyl Acetate	50.0	30.2	L2	ug/L		60	64 - 150
Methylcyclohexane	50.0	51.1		ug/L		102	71 - 129
Methyl tert-Butyl Ether	50.0	45.8		ug/L		92	72 - 133

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-BS1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	50.0	49.2		ug/L		98	79 - 123
4-Methyl-2-pentanone	250	218		ug/L		87	60 - 137
n-Propylbenzene	50.0	55.2		ug/L		110	75 - 129
Styrene	50.0	51.5		ug/L		103	80 - 127
1,1,2,2-Tetrachloroethane	50.0	48.1		ug/L		96	69 - 131
Tetrachloroethene	50.0	49.5		ug/L		99	80 - 126
Tetrahydrofuran	500	440		ug/L		88	51 - 124
Toluene	50.0	49.0		ug/L		98	80 - 126
1,2,4-Trichlorobenzene	50.0	51.5		ug/L		103	63 - 133
1,1,1-Trichloroethane	50.0	52.3		ug/L		105	78 - 135
1,1,2-Trichloroethane	50.0	45.1		ug/L		90	80 - 124
Trichloroethene	50.0	50.2		ug/L		100	80 - 123
Trichlorofluoromethane	50.0	46.4		ug/L		93	65 - 124
Vinyl chloride	50.0	55.8		ug/L		112	68 - 120
Xylenes, total	150	155		ug/L		103	80 - 132
1,1,2-Trifluorotrichloroethane	50.0	50.9		ug/L		102	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	104		70 - 130
Dibromofluoromethane	103		70 - 130
Toluene-d8	102		70 - 130
4-Bromofluorobenzene	105		70 - 130

Lab Sample ID: 12D1636-BSD1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Acetone	250	228		ug/L		91	54 - 145	4	21
Benzene	50.0	50.6		ug/L		101	80 - 121	0.9	17
Bromochloromethane	50.0	47.4		ug/L		95	78 - 129	0.2	17
Bromodichloromethane	50.0	49.3		ug/L		99	75 - 129	1	18
Bromoform	50.0	51.8		ug/L		104	46 - 145	3	16
Bromomethane	50.0	61.8		ug/L		124	41 - 150	0.4	50
2-Butanone	250	222		ug/L		89	62 - 133	5	19
Carbon disulfide	50.0	50.6		ug/L		101	77 - 126	3	21
Carbon Tetrachloride	50.0	53.7		ug/L		107	64 - 147	2	19
Chlorobenzene	50.0	49.7		ug/L		99	80 - 120	0.5	14
Chlorodibromomethane	50.0	52.6		ug/L		105	69 - 133	0.5	15
Chloroethane	50.0	53.3		ug/L		107	72 - 120	1	20
Chloroform	50.0	54.9		ug/L		110	73 - 129	1	18
Chloromethane	50.0	54.6		ug/L		109	12 - 150	4	31
Cyclohexane	50.0	53.8		ug/L		108	73 - 122	0.02	16
1,2-Dibromo-3-chloropropane	50.0	47.5		ug/L		95	54 - 125	0.7	24
1,2-Dibromoethane (EDB)	50.0	47.6		ug/L		95	80 - 129	0.3	15
1,2-Dichlorobenzene	50.0	47.4		ug/L		95	80 - 121	4	15
1,3-Dichlorobenzene	50.0	49.4		ug/L		99	80 - 122	3	15
1,4-Dichlorobenzene	50.0	48.8		ug/L		98	80 - 120	2	15
Dichlorodifluoromethane	50.0	50.2		ug/L		100	37 - 127	3	18

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-BSD1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane	50.0	50.0		ug/L		100	77 - 121	0.7	17
1,1-Dichloroethane	50.0	53.9		ug/L		108	78 - 125	2	17
1,1-Dichloroethene	50.0	51.1		ug/L		102	79 - 124	2	17
trans-1,2-Dichloroethene	50.0	55.0		ug/L		110	79 - 126	2	16
cis-1,2-Dichloroethene	50.0	53.4		ug/L		107	76 - 125	0.8	17
1,2-Dichloropropane	50.0	47.2		ug/L		94	75 - 120	2	17
trans-1,3-Dichloropropene	50.0	48.6		ug/L		97	63 - 134	0	14
cis-1,3-Dichloropropene	50.0	52.0		ug/L		104	74 - 140	0.6	15
Ethylbenzene	50.0	52.4		ug/L		105	80 - 130	0.04	15
2-Hexanone	250	235		ug/L		94	60 - 142	3	15
Isopropylbenzene	50.0	57.0		ug/L		114	80 - 141	0.6	16
Methyl Acetate	50.0	30.4	L2	ug/L		61	64 - 150	0.8	31
Methylcyclohexane	50.0	51.5		ug/L		103	71 - 129	0.8	19
Methyl tert-Butyl Ether	50.0	46.6		ug/L		93	72 - 133	2	16
Methylene Chloride	50.0	49.8		ug/L		100	79 - 123	1	17
4-Methyl-2-pentanone	250	216		ug/L		86	60 - 137	0.9	17
n-Propylbenzene	50.0	52.6		ug/L		105	75 - 129	5	17
Styrene	50.0	51.6		ug/L		103	80 - 127	0.08	24
1,1,2,2-Tetrachloroethane	50.0	45.7		ug/L		91	69 - 131	5	20
Tetrachloroethene	50.0	48.7		ug/L		97	80 - 126	2	16
Tetrahydrofuran	500	451		ug/L		90	51 - 124	2	18
Toluene	50.0	49.0		ug/L		98	80 - 126	0.1	15
1,2,4-Trichlorobenzene	50.0	50.2		ug/L		100	63 - 133	2	19
1,1,1-Trichloroethane	50.0	53.4		ug/L		107	78 - 135	2	17
1,1,2-Trichloroethane	50.0	45.4		ug/L		91	80 - 124	0.7	15
Trichloroethene	50.0	49.4		ug/L		99	80 - 123	1	17
Trichlorofluoromethane	50.0	46.2		ug/L		92	65 - 124	0.4	18
Vinyl chloride	50.0	56.1		ug/L		112	68 - 120	0.6	17
Xylenes, total	150	155		ug/L		104	80 - 132	0.1	15
1,1,2-Trifluorotrichloroethane	50.0	51.5		ug/L		103	77 - 129	1	18

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
1,2-Dichloroethane-d4	104		70 - 130
Dibromofluoromethane	105		70 - 130
Toluene-d8	102		70 - 130
4-Bromofluorobenzene	98		70 - 130

Lab Sample ID: 12D1636-MS1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: TP-16-GW-040312-12

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		250	240		ug/L		96	45 - 141
Benzene	ND		50.0	56.3		ug/L		113	75 - 133
Bromochloromethane	ND		50.0	52.2		ug/L		104	67 - 139
Bromodichloromethane	ND		50.0	55.0		ug/L		110	70 - 140
Bromoform	ND		50.0	54.3		ug/L		109	42 - 147
Bromomethane	ND		50.0	65.3		ug/L		131	16 - 163
2-Butanone	ND		250	233		ug/L		93	50 - 138

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-MS1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: TP-16-GW-040312-12

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Carbon disulfide	ND		50.0	50.3		ug/L		101	48 - 152
Carbon Tetrachloride	ND		50.0	62.7		ug/L		125	62 - 164
Chlorobenzene	ND		50.0	54.3		ug/L		109	80 - 129
Chlorodibromomethane	ND		50.0	57.5		ug/L		115	66 - 140
Chloroethane	ND		50.0	57.6		ug/L		115	58 - 137
Chloroform	ND		50.0	58.0		ug/L		116	66 - 138
Chloromethane	ND		50.0	55.8		ug/L		112	10 - 169
Cyclohexane	ND		50.0	58.8		ug/L		118	58 - 144
1,2-Dibromo-3-chloropropane	ND		50.0	51.4		ug/L		103	52 - 126
1,2-Dibromoethane (EDB)	ND		50.0	52.2		ug/L		104	75 - 137
1,2-Dichlorobenzene	ND		50.0	51.2		ug/L		102	79 - 128
1,3-Dichlorobenzene	ND		50.0	52.6		ug/L		105	77 - 131
1,4-Dichlorobenzene	ND		50.0	52.6		ug/L		105	78 - 126
Dichlorodifluoromethane	ND		50.0	54.0		ug/L		108	40 - 127
1,2-Dichloroethane	ND		50.0	55.6		ug/L		111	64 - 136
1,1-Dichloroethane	ND		50.0	59.3		ug/L		119	71 - 139
1,1-Dichloroethene	ND		50.0	55.6		ug/L		111	70 - 142
trans-1,2-Dichloroethene	ND		50.0	59.6		ug/L		119	66 - 143
cis-1,2-Dichloroethene	ND		50.0	58.3		ug/L		117	68 - 138
1,2-Dichloropropane	ND		50.0	51.6		ug/L		103	67 - 131
trans-1,3-Dichloropropene	ND		50.0	52.8		ug/L		106	59 - 135
cis-1,3-Dichloropropene	ND		50.0	57.6		ug/L		115	71 - 141
Ethylbenzene	ND		50.0	57.5		ug/L		115	79 - 139
2-Hexanone	ND		250	260		ug/L		104	50 - 150
Isopropylbenzene	ND		50.0	62.1		ug/L		124	80 - 153
Methyl Acetate	ND		50.0	31.3		ug/L		63	30 - 165
Methylcyclohexane	ND		50.0	52.0		ug/L		104	59 - 151
Methyl tert-Butyl Ether	ND		50.0	50.9		ug/L		102	66 - 141
Methylene Chloride	ND		50.0	52.1		ug/L		104	64 - 139
4-Methyl-2-pentanone	ND		250	244		ug/L		98	50 - 147
n-Propylbenzene	ND		50.0	57.8		ug/L		116	69 - 142
Styrene	ND		50.0	55.9		ug/L		112	61 - 148
1,1,2,2-Tetrachloroethane	ND		50.0	52.0		ug/L		104	56 - 143
Tetrachloroethene	ND		50.0	53.7		ug/L		107	72 - 145
Tetrahydrofuran	ND		500	520		ug/L		104	34 - 133
Toluene	ND		50.0	54.6		ug/L		109	75 - 136
1,2,4-Trichlorobenzene	ND		50.0	48.8		ug/L		98	60 - 136
1,1,1-Trichloroethane	ND		50.0	61.2		ug/L		122	76 - 149
1,1,2-Trichloroethane	ND		50.0	51.0		ug/L		102	74 - 134
Trichloroethene	ND		50.0	54.5		ug/L		109	73 - 144
Trichlorofluoromethane	ND		50.0	54.0		ug/L		108	58 - 139
Vinyl chloride	ND		50.0	60.2		ug/L		120	56 - 129
Xylenes, total	ND		150	170		ug/L		113	74 - 141
1,1,2-Trifluorotrichloroethane	ND		50.0	57.8		ug/L		116	72 - 148

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	108		70 - 130
Dibromofluoromethane	104		70 - 130
Toluene-d8	101		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-MS1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: TP-16-GW-040312-12

Prep Type: Total

Prep Batch: 12D1636_P

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
4-Bromofluorobenzene	103		70 - 130

Lab Sample ID: 12D1636-MSD1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: TP-16-GW-040312-12

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		250	241		ug/L		96	45 - 141	0.5	21
Benzene	ND		50.0	58.0		ug/L		116	75 - 133	3	17
Bromochloromethane	ND		50.0	54.4		ug/L		109	67 - 139	4	17
Bromodichloromethane	ND		50.0	55.8		ug/L		112	70 - 140	1	18
Bromoform	ND		50.0	56.7		ug/L		113	42 - 147	4	16
Bromomethane	ND		50.0	66.5		ug/L		133	16 - 163	2	50
2-Butanone	ND		250	236		ug/L		94	50 - 138	1	19
Carbon disulfide	ND		50.0	52.1		ug/L		104	48 - 152	4	21
Carbon Tetrachloride	ND		50.0	63.1		ug/L		126	62 - 164	0.6	19
Chlorobenzene	ND		50.0	55.3		ug/L		111	80 - 129	2	14
Chlorodibromomethane	ND		50.0	60.4		ug/L		121	66 - 140	5	15
Chloroethane	ND		50.0	60.2		ug/L		120	58 - 137	4	20
Chloroform	ND		50.0	59.5		ug/L		119	66 - 138	2	18
Chloromethane	ND		50.0	58.8		ug/L		118	10 - 169	5	31
Cyclohexane	ND		50.0	58.2		ug/L		116	58 - 144	1	16
1,2-Dibromo-3-chloropropane	ND		50.0	50.4		ug/L		101	52 - 126	2	24
1,2-Dibromoethane (EDB)	ND		50.0	53.3		ug/L		107	75 - 137	2	15
1,2-Dichlorobenzene	ND		50.0	52.3		ug/L		105	79 - 128	2	15
1,3-Dichlorobenzene	ND		50.0	54.1		ug/L		108	77 - 131	3	15
1,4-Dichlorobenzene	ND		50.0	54.2		ug/L		108	78 - 126	3	15
Dichlorodifluoromethane	ND		50.0	55.0		ug/L		110	40 - 127	2	18
1,2-Dichloroethane	ND		50.0	56.2		ug/L		112	64 - 136	0.9	17
1,1-Dichloroethane	ND		50.0	61.1		ug/L		122	71 - 139	3	17
1,1-Dichloroethene	ND		50.0	57.0		ug/L		114	70 - 142	3	17
trans-1,2-Dichloroethene	ND		50.0	60.8		ug/L		122	66 - 143	2	16
cis-1,2-Dichloroethene	ND		50.0	60.1		ug/L		120	68 - 138	3	17
1,2-Dichloropropane	ND		50.0	52.8		ug/L		106	67 - 131	2	17
trans-1,3-Dichloropropene	ND		50.0	55.2		ug/L		110	59 - 135	4	14
cis-1,3-Dichloropropene	ND		50.0	58.1		ug/L		116	71 - 141	1	15
Ethylbenzene	ND		50.0	59.6		ug/L		119	79 - 139	4	15
2-Hexanone	ND		250	271		ug/L		109	50 - 150	4	15
Isopropylbenzene	ND		50.0	63.3		ug/L		127	80 - 153	2	16
Methyl Acetate	ND		50.0	32.1		ug/L		64	30 - 165	2	31
Methylcyclohexane	ND		50.0	51.0		ug/L		102	59 - 151	2	19
Methyl tert-Butyl Ether	ND		50.0	52.8		ug/L		106	66 - 141	4	16
Methylene Chloride	ND		50.0	54.5		ug/L		109	64 - 139	5	17
4-Methyl-2-pentanone	ND		250	258		ug/L		103	50 - 147	6	17
n-Propylbenzene	ND		50.0	57.9		ug/L		116	69 - 142	0.3	17
Styrene	ND		50.0	58.5		ug/L		117	61 - 148	5	24
1,1,2,2-Tetrachloroethane	ND		50.0	52.4		ug/L		105	56 - 143	0.7	20
Tetrachloroethene	ND		50.0	53.2		ug/L		106	72 - 145	0.9	16
Tetrahydrofuran	ND		500	511		ug/L		102	34 - 133	2	18

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-MSD1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: TP-16-GW-040312-12

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	ND		50.0	56.2		ug/L		112	75 - 136	3	15
1,2,4-Trichlorobenzene	ND		50.0	50.4		ug/L		101	60 - 136	3	19
1,1,1-Trichloroethane	ND		50.0	61.7		ug/L		123	76 - 149	0.8	17
1,1,2-Trichloroethane	ND		50.0	52.5		ug/L		105	74 - 134	3	15
Trichloroethene	ND		50.0	55.7		ug/L		111	73 - 144	2	17
Trichlorofluoromethane	ND		50.0	55.5		ug/L		111	58 - 139	3	18
Vinyl chloride	ND		50.0	63.2		ug/L		126	56 - 129	5	17
Xylenes, total	ND		150	175		ug/L		117	74 - 141	3	15
1,1,2-Trifluorotrichloroethane	ND		50.0	60.1		ug/L		120	72 - 148	4	18

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits
1,2-Dichloroethane-d4	106		70 - 130
Dibromofluoromethane	104		70 - 130
Toluene-d8	103		70 - 130
4-Bromofluorobenzene	104		70 - 130

Lab Sample ID: 12D1830-BLK1

Matrix: Water

Analysis Batch: V005866

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1830_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Benzene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Bromoform	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Chloroform	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1830-BLK1

Matrix: Water

Analysis Batch: V005866

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1830_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Styrene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Toluene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	106		70 - 130	04/10/12 05:39	04/10/12 08:59	1.00
Dibromofluoromethane	106		70 - 130	04/10/12 05:39	04/10/12 08:59	1.00
Toluene-d8	102		70 - 130	04/10/12 05:39	04/10/12 08:59	1.00
4-Bromofluorobenzene	102		70 - 130	04/10/12 05:39	04/10/12 08:59	1.00

Lab Sample ID: 12D1830-BS1

Matrix: Water

Analysis Batch: V005866

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1830_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	246		ug/L		98	54 - 145
Benzene	50.0	48.1		ug/L		96	80 - 121
Bromochloromethane	50.0	52.1		ug/L		104	78 - 129
Bromodichloromethane	50.0	53.7		ug/L		107	75 - 129
Bromoform	50.0	45.4		ug/L		91	46 - 145
Bromomethane	50.0	51.1		ug/L		102	41 - 150
2-Butanone	250	256		ug/L		103	62 - 133
Carbon disulfide	50.0	49.2		ug/L		98	77 - 126
Carbon Tetrachloride	50.0	58.7		ug/L		117	64 - 147
Chlorobenzene	50.0	50.0		ug/L		100	80 - 120
Chlorodibromomethane	50.0	48.0		ug/L		96	69 - 133
Chloroethane	50.0	56.8		ug/L		114	72 - 120
Chloroform	50.0	48.4		ug/L		97	73 - 129
Chloromethane	50.0	40.1		ug/L		80	12 - 150

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1830-BS1

Matrix: Water

Analysis Batch: V005866

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1830_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyclohexane	50.0	48.0		ug/L		96	73 - 122
1,2-Dibromo-3-chloropropane	50.0	44.0		ug/L		88	54 - 125
1,2-Dibromoethane (EDB)	50.0	51.4		ug/L		103	80 - 129
1,2-Dichlorobenzene	50.0	50.7		ug/L		101	80 - 121
1,3-Dichlorobenzene	50.0	49.4		ug/L		99	80 - 122
1,4-Dichlorobenzene	50.0	49.9		ug/L		100	80 - 120
Dichlorodifluoromethane	50.0	50.4		ug/L		101	37 - 127
1,2-Dichloroethane	50.0	52.2		ug/L		104	77 - 121
1,1-Dichloroethane	50.0	50.2		ug/L		100	78 - 125
1,1-Dichloroethene	50.0	52.3		ug/L		105	79 - 124
trans-1,2-Dichloroethene	50.0	49.9		ug/L		100	79 - 126
cis-1,2-Dichloroethene	50.0	50.4		ug/L		101	76 - 125
1,2-Dichloropropane	50.0	46.0		ug/L		92	75 - 120
trans-1,3-Dichloropropene	50.0	56.3		ug/L		113	63 - 134
cis-1,3-Dichloropropene	50.0	56.4		ug/L		113	74 - 140
Ethylbenzene	50.0	48.4		ug/L		97	80 - 130
2-Hexanone	250	219		ug/L		87	60 - 142
Isopropylbenzene	50.0	54.4		ug/L		109	80 - 141
Methyl Acetate	50.0	58.4		ug/L		117	64 - 150
Methylcyclohexane	50.0	51.2		ug/L		102	71 - 129
Methyl tert-Butyl Ether	50.0	49.2		ug/L		98	72 - 133
Methylene Chloride	50.0	46.9		ug/L		94	79 - 123
4-Methyl-2-pentanone	250	223		ug/L		89	60 - 137
n-Propylbenzene	50.0	47.3		ug/L		95	75 - 129
Styrene	50.0	51.5		ug/L		103	80 - 127
1,1,1,2-Tetrachloroethane	50.0	47.6		ug/L		95	69 - 131
Tetrachloroethene	50.0	50.5		ug/L		101	80 - 126
Tetrahydrofuran	500	390		ug/L		78	51 - 124
Toluene	50.0	49.4		ug/L		99	80 - 126
1,2,4-Trichlorobenzene	50.0	51.7		ug/L		103	63 - 133
1,1,1-Trichloroethane	50.0	53.1		ug/L		106	78 - 135
1,1,2-Trichloroethane	50.0	49.4		ug/L		99	80 - 124
Trichloroethene	50.0	50.0		ug/L		100	80 - 123
Trichlorofluoromethane	50.0	48.4		ug/L		97	65 - 124
Vinyl chloride	50.0	51.4		ug/L		103	68 - 120
Xylenes, total	150	148		ug/L		99	80 - 132
1,1,2-Trifluorotrichloroethane	50.0	52.9		ug/L		106	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	103		70 - 130
Dibromofluoromethane	107		70 - 130
Toluene-d8	103		70 - 130
4-Bromofluorobenzene	98		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1830-BSD1

Matrix: Water

Analysis Batch: V005866

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1830_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits			
Acetone	250	307	R2	ug/L		123	54 - 145		22	21
Benzene	50.0	49.9		ug/L		100	80 - 121		4	17
Bromochloromethane	50.0	54.1		ug/L		108	78 - 129		4	17
Bromodichloromethane	50.0	55.3		ug/L		111	75 - 129		3	18
Bromoform	50.0	46.8		ug/L		94	46 - 145		3	16
Bromomethane	50.0	53.3		ug/L		107	41 - 150		4	50
2-Butanone	250	283		ug/L		113	62 - 133		10	19
Carbon disulfide	50.0	50.7		ug/L		101	77 - 126		3	21
Carbon Tetrachloride	50.0	59.3		ug/L		119	64 - 147		1	19
Chlorobenzene	50.0	51.5		ug/L		103	80 - 120		3	14
Chlorodibromomethane	50.0	49.7		ug/L		99	69 - 133		4	15
Chloroethane	50.0	57.2		ug/L		114	72 - 120	0.7		20
Chloroform	50.0	50.3		ug/L		101	73 - 129		4	18
Chloromethane	50.0	37.1		ug/L		74	12 - 150		8	31
Cyclohexane	50.0	49.2		ug/L		98	73 - 122		2	16
1,2-Dibromo-3-chloropropane	50.0	43.8		ug/L		88	54 - 125	0.3		24
1,2-Dibromoethane (EDB)	50.0	54.1		ug/L		108	80 - 129		5	15
1,2-Dichlorobenzene	50.0	47.4		ug/L		95	80 - 121		7	15
1,3-Dichlorobenzene	50.0	50.7		ug/L		101	80 - 122		3	15
1,4-Dichlorobenzene	50.0	51.1		ug/L		102	80 - 120		2	15
Dichlorodifluoromethane	50.0	51.0		ug/L		102	37 - 127		1	18
1,2-Dichloroethane	50.0	53.9		ug/L		108	77 - 121		3	17
1,1-Dichloroethane	50.0	52.1		ug/L		104	78 - 125		4	17
1,1-Dichloroethene	50.0	53.4		ug/L		107	79 - 124		2	17
trans-1,2-Dichloroethene	50.0	52.2		ug/L		104	79 - 126		5	16
cis-1,2-Dichloroethene	50.0	51.7		ug/L		103	76 - 125		3	17
1,2-Dichloropropane	50.0	47.9		ug/L		96	75 - 120		4	17
trans-1,3-Dichloropropene	50.0	58.2		ug/L		116	63 - 134		3	14
cis-1,3-Dichloropropene	50.0	58.6		ug/L		117	74 - 140		4	15
Ethylbenzene	50.0	50.1		ug/L		100	80 - 130		3	15
2-Hexanone	250	238		ug/L		95	60 - 142		8	15
Isopropylbenzene	50.0	55.6		ug/L		111	80 - 141		2	16
Methyl Acetate	50.0	60.0		ug/L		120	64 - 150		3	31
Methylcyclohexane	50.0	52.8		ug/L		106	71 - 129		3	19
Methyl tert-Butyl Ether	50.0	51.1		ug/L		102	72 - 133		4	16
Methylene Chloride	50.0	48.7		ug/L		97	79 - 123		4	17
4-Methyl-2-pentanone	250	234		ug/L		93	60 - 137		5	17
n-Propylbenzene	50.0	48.2		ug/L		96	75 - 129		2	17
Styrene	50.0	53.3		ug/L		107	80 - 127		3	24
1,1,2,2-Tetrachloroethane	50.0	49.7		ug/L		99	69 - 131		4	20
Tetrachloroethene	50.0	52.0		ug/L		104	80 - 126		3	16
Tetrahydrofuran	500	403		ug/L		81	51 - 124		3	18
Toluene	50.0	51.0		ug/L		102	80 - 126		3	15
1,2,4-Trichlorobenzene	50.0	52.9		ug/L		106	63 - 133		2	19
1,1,1-Trichloroethane	50.0	54.7		ug/L		109	78 - 135		3	17
1,1,2-Trichloroethane	50.0	51.7		ug/L		103	80 - 124		5	15
Trichloroethene	50.0	51.6		ug/L		103	80 - 123		3	17
Trichlorofluoromethane	50.0	49.2		ug/L		98	65 - 124		2	18
Vinyl chloride	50.0	52.5		ug/L		105	68 - 120		2	17

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1830-BSD1

Matrix: Water

Analysis Batch: V005866

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1830_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Xylenes, total	150	153		ug/L		102	80 - 132	3	15
1,1,2-Trifluorotrichloroethane	50.0	53.8		ug/L		108	77 - 129	2	18

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
1,2-Dichloroethane-d4	104		70 - 130
Dibromofluoromethane	109		70 - 130
Toluene-d8	103		70 - 130
4-Bromofluorobenzene	98		70 - 130

Lab Sample ID: 12D1830-MS1

Matrix: Water

Analysis Batch: V005866

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1830_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		12500	14100		ug/L		113	45 - 141
Benzene	390		2500	2940		ug/L		102	75 - 133
Bromochloromethane	ND		2500	2730		ug/L		109	67 - 139
Bromodichloromethane	ND		2500	2600		ug/L		104	70 - 140
Bromoform	ND		2500	1990		ug/L		80	42 - 147
Bromomethane	ND		2500	2500		ug/L		100	16 - 163
2-Butanone	ND		12500	14100		ug/L		113	50 - 138
Carbon disulfide	ND		2500	2740		ug/L		110	48 - 152
Carbon Tetrachloride	ND		2500	2750		ug/L		110	62 - 164
Chlorobenzene	ND		2500	2680		ug/L		107	80 - 129
Chlorodibromomethane	ND		2500	2280		ug/L		91	66 - 140
Chloroethane	ND		2500	3430		ug/L		137	58 - 137
Chloroform	ND		2500	2410		ug/L		96	66 - 138
Chloromethane	199		2500	1990		ug/L		72	10 - 169
Cyclohexane	ND		2500	2900		ug/L		116	58 - 144
1,2-Dibromo-3-chloropropane	ND		2500	1990		ug/L		80	52 - 126
1,2-Dibromoethane (EDB)	ND		2500	2700		ug/L		108	75 - 137
1,2-Dichlorobenzene	ND		2500	2480		ug/L		99	79 - 128
1,3-Dichlorobenzene	ND		2500	2640		ug/L		106	77 - 131
1,4-Dichlorobenzene	ND		2500	2640		ug/L		106	78 - 126
Dichlorodifluoromethane	ND		2500	2200		ug/L		88	40 - 127
1,2-Dichloroethane	48.5		2500	2420		ug/L		95	64 - 136
1,1-Dichloroethane	ND		2500	2640		ug/L		106	71 - 139
1,1-Dichloroethene	ND		2500	2950		ug/L		118	70 - 142
trans-1,2-Dichloroethene	ND		2500	2670		ug/L		107	66 - 143
cis-1,2-Dichloroethene	ND		2500	2570		ug/L		103	68 - 138
1,2-Dichloropropane	ND		2500	2590		ug/L		104	67 - 131
trans-1,3-Dichloropropene	ND		2500	2640		ug/L		106	59 - 135
cis-1,3-Dichloropropene	ND		2500	2860		ug/L		114	71 - 141
Ethylbenzene	840		2500	3400		ug/L		102	79 - 139
2-Hexanone	ND		12500	12700		ug/L		102	50 - 150
Isopropylbenzene	ND		2500	2870		ug/L		115	80 - 153
Methyl Acetate	727		2500	3810		ug/L		123	30 - 165
Methylcyclohexane	ND		2500	3020		ug/L		121	59 - 151
Methyl tert-Butyl Ether	ND		2500	2500		ug/L		100	66 - 141

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1830-MS1

Matrix: Water

Analysis Batch: V005866

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1830_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	ND		2500	2570		ug/L		103	64 - 139
4-Methyl-2-pentanone	ND		12500	12700		ug/L		101	50 - 147
n-Propylbenzene	51.5		2500	2760		ug/L		108	69 - 142
Styrene	ND		2500	2630		ug/L		105	61 - 148
1,1,2,2-Tetrachloroethane	ND		2500	2810		ug/L		112	56 - 143
Tetrachloroethene	ND		2500	2650		ug/L		106	72 - 145
Tetrahydrofuran	ND		25000	20800		ug/L		83	34 - 133
Toluene	35.0		2500	2740		ug/L		108	75 - 136
1,2,4-Trichlorobenzene	ND		2500	2580		ug/L		103	60 - 136
1,1,1-Trichloroethane	ND		2500	2580		ug/L		103	76 - 149
1,1,2-Trichloroethane	ND		2500	2630		ug/L		105	74 - 134
Trichloroethene	ND		2500	2700		ug/L		108	73 - 144
Trichlorofluoromethane	ND		2500	2470		ug/L		99	58 - 139
Vinyl chloride	ND		2500	3010		ug/L		121	56 - 129
Xylenes, total	4140		7500	10800		ug/L		89	74 - 141
1,1,2-Trifluorotrichloroethane	ND		2500	2950		ug/L		118	72 - 148

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	88		70 - 130
Dibromofluoromethane	100		70 - 130
Toluene-d8	102		70 - 130
4-Bromofluorobenzene	103		70 - 130

Lab Sample ID: 12D1830-MSD1

Matrix: Water

Analysis Batch: V005866

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1830_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Acetone	ND		12500	13600		ug/L		109	45 - 141	3	21
Benzene	390		2500	3010		ug/L		105	75 - 133	2	17
Bromochloromethane	ND		2500	2780		ug/L		111	67 - 139	2	17
Bromodichloromethane	ND		2500	2630		ug/L		105	70 - 140	1	18
Bromoform	ND		2500	2090		ug/L		84	42 - 147	5	16
Bromomethane	ND		2500	2620		ug/L		105	16 - 163	5	50
2-Butanone	ND		12500	14000		ug/L		112	50 - 138	0.8	19
Carbon disulfide	ND		2500	2750		ug/L		110	48 - 152	0.6	21
Carbon Tetrachloride	ND		2500	2840		ug/L		113	62 - 164	3	19
Chlorobenzene	ND		2500	2720		ug/L		109	80 - 129	1	14
Chlorodibromomethane	ND		2500	2320		ug/L		93	66 - 140	2	15
Chloroethane	ND		2500	3030		ug/L		121	58 - 137	12	20
Chloroform	ND		2500	2460		ug/L		98	66 - 138	2	18
Chloromethane	199		2500	2190		ug/L		80	10 - 169	9	31
Cyclohexane	ND		2500	2990		ug/L		120	58 - 144	3	16
1,2-Dibromo-3-chloropropane	ND		2500	2050		ug/L		82	52 - 126	3	24
1,2-Dibromoethane (EDB)	ND		2500	2740		ug/L		110	75 - 137	2	15
1,2-Dichlorobenzene	ND		2500	2490		ug/L		100	79 - 128	0.8	15
1,3-Dichlorobenzene	ND		2500	2650		ug/L		106	77 - 131	0.4	15
1,4-Dichlorobenzene	ND		2500	2650		ug/L		106	78 - 126	0.5	15
Dichlorodifluoromethane	ND		2500	2300		ug/L		92	40 - 127	5	18

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1830-MSD1

Matrix: Water

Analysis Batch: V005866

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1830_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane	48.5		2500	2470		ug/L		97	64 - 136	2	17
1,1-Dichloroethane	ND		2500	2670		ug/L		107	71 - 139	1	17
1,1-Dichloroethene	ND		2500	2830		ug/L		113	70 - 142	4	17
trans-1,2-Dichloroethene	ND		2500	2700		ug/L		108	66 - 143	1	16
cis-1,2-Dichloroethene	ND		2500	2610		ug/L		104	68 - 138	1	17
1,2-Dichloropropane	ND		2500	2660		ug/L		107	67 - 131	3	17
trans-1,3-Dichloropropene	ND		2500	2720		ug/L		109	59 - 135	3	14
cis-1,3-Dichloropropene	ND		2500	2910		ug/L		116	71 - 141	2	15
Ethylbenzene	840		2500	3370		ug/L		101	79 - 139	0.8	15
2-Hexanone	ND		12500	12700		ug/L		101	50 - 150	0.4	15
Isopropylbenzene	ND		2500	2900		ug/L		116	80 - 153	0.9	16
Methyl Acetate	727		2500	3780		ug/L		122	30 - 165	0.9	31
Methylcyclohexane	ND		2500	3080		ug/L		123	59 - 151	2	19
Methyl tert-Butyl Ether	ND		2500	2480		ug/L		99	66 - 141	0.9	16
Methylene Chloride	ND		2500	2600		ug/L		104	64 - 139	1	17
4-Methyl-2-pentanone	ND		12500	12800		ug/L		102	50 - 147	1	17
n-Propylbenzene	51.5		2500	2780		ug/L		109	69 - 142	0.5	17
Styrene	ND		2500	2690		ug/L		107	61 - 148	2	24
1,1,2,2-Tetrachloroethane	ND		2500	2850		ug/L		114	56 - 143	1	20
Tetrachloroethene	ND		2500	2690		ug/L		108	72 - 145	1	16
Tetrahydrofuran	ND		25000	21100		ug/L		84	34 - 133	2	18
Toluene	35.0		2500	2750		ug/L		108	75 - 136	0.2	15
1,2,4-Trichlorobenzene	ND		2500	2640		ug/L		106	60 - 136	2	19
1,1,1-Trichloroethane	ND		2500	2600		ug/L		104	76 - 149	0.7	17
1,1,2-Trichloroethane	ND		2500	2680		ug/L		107	74 - 134	2	15
Trichloroethene	ND		2500	2760		ug/L		110	73 - 144	2	17
Trichlorofluoromethane	ND		2500	2330		ug/L		93	58 - 139	6	18
Vinyl chloride	ND		2500	2820		ug/L		113	56 - 129	6	17
Xylenes, total	4140		7500	10700		ug/L		87	74 - 141	1	15
1,1,2-Trifluorotrichloroethane	ND		2500	2850		ug/L		114	72 - 148	3	18

Matrix Spike Dup Matrix Spike Dup

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4	89		70 - 130
Dibromofluoromethane	100		70 - 130
Toluene-d8	102		70 - 130
4-Bromofluorobenzene	102		70 - 130

Lab Sample ID: 12D1831-BLK1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Benzene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Bromoform	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/09/12 10:25	04/09/12 13:09	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1831-BLK1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Chloroform	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Styrene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Toluene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/09/12 10:25	04/09/12 13:09	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/09/12 10:25	04/09/12 13:09	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	100		70 - 130	04/09/12 10:25	04/09/12 13:09	1.00
Dibromofluoromethane	101		70 - 130	04/09/12 10:25	04/09/12 13:09	1.00
Toluene-d8	100		70 - 130	04/09/12 10:25	04/09/12 13:09	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1831-BLK1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1831_P

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 130	04/09/12 10:25	04/09/12 13:09	1.00

Lab Sample ID: 12D1831-BS1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	292		ug/L		117	54 - 145
Benzene	50.0	51.6		ug/L		103	80 - 121
Bromochloromethane	50.0	49.7		ug/L		99	78 - 129
Bromodichloromethane	50.0	51.0		ug/L		102	75 - 129
Bromoform	50.0	53.1		ug/L		106	46 - 145
Bromomethane	50.0	52.6		ug/L		105	41 - 150
2-Butanone	250	253		ug/L		101	62 - 133
Carbon disulfide	50.0	43.4		ug/L		87	77 - 126
Carbon Tetrachloride	50.0	49.4		ug/L		99	64 - 147
Chlorobenzene	50.0	48.4		ug/L		97	80 - 120
Chlorodibromomethane	50.0	54.8		ug/L		110	69 - 133
Chloroethane	50.0	48.8		ug/L		98	72 - 120
Chloroform	50.0	53.0		ug/L		106	73 - 129
Chloromethane	50.0	48.9		ug/L		98	12 - 150
Cyclohexane	50.0	50.9		ug/L		102	73 - 122
1,2-Dibromo-3-chloropropane	50.0	49.5		ug/L		99	54 - 125
1,2-Dibromoethane (EDB)	50.0	53.2		ug/L		106	80 - 129
1,2-Dichlorobenzene	50.0	51.7		ug/L		103	80 - 121
1,3-Dichlorobenzene	50.0	51.7		ug/L		103	80 - 122
1,4-Dichlorobenzene	50.0	50.9		ug/L		102	80 - 120
Dichlorodifluoromethane	50.0	49.2		ug/L		98	37 - 127
1,2-Dichloroethane	50.0	49.2		ug/L		98	77 - 121
1,1-Dichloroethane	50.0	45.2		ug/L		90	78 - 125
1,1-Dichloroethene	50.0	43.8		ug/L		88	79 - 124
trans-1,2-Dichloroethene	50.0	45.5		ug/L		91	79 - 126
cis-1,2-Dichloroethene	50.0	48.9		ug/L		98	76 - 125
1,2-Dichloropropane	50.0	50.7		ug/L		101	75 - 120
trans-1,3-Dichloropropene	50.0	52.8		ug/L		106	63 - 134
cis-1,3-Dichloropropene	50.0	54.9		ug/L		110	74 - 140
Ethylbenzene	50.0	48.7		ug/L		97	80 - 130
2-Hexanone	250	287		ug/L		115	60 - 142
Isopropylbenzene	50.0	52.3		ug/L		105	80 - 141
Methyl Acetate	50.0	31.8		ug/L		64	64 - 150
Methylcyclohexane	50.0	50.0		ug/L		100	71 - 129
Methyl tert-Butyl Ether	50.0	44.9		ug/L		90	72 - 133
Methylene Chloride	50.0	48.1		ug/L		96	79 - 123
4-Methyl-2-pentanone	250	278		ug/L		111	60 - 137
n-Propylbenzene	50.0	51.0		ug/L		102	75 - 129
Styrene	50.0	50.8		ug/L		102	80 - 127
1,1,2,2-Tetrachloroethane	50.0	54.1		ug/L		108	69 - 131
Tetrachloroethene	50.0	48.0		ug/L		96	80 - 126
Tetrahydrofuran	500	551		ug/L		110	51 - 124

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1831-BS1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	50.0	49.6		ug/L		99	80 - 126
1,2,4-Trichlorobenzene	50.0	56.8		ug/L		114	63 - 133
1,1,1-Trichloroethane	50.0	49.2		ug/L		98	78 - 135
1,1,2-Trichloroethane	50.0	52.1		ug/L		104	80 - 124
Trichloroethene	50.0	49.7		ug/L		99	80 - 123
Trichlorofluoromethane	50.0	39.3		ug/L		79	65 - 124
Vinyl chloride	50.0	52.4		ug/L		105	68 - 120
Xylenes, total	150	145		ug/L		97	80 - 132
1,1,2-Trifluorotrichloroethane	50.0	44.8		ug/L		90	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	96		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8	101		70 - 130
4-Bromofluorobenzene	99		70 - 130

Lab Sample ID: 12D1831-BSD1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	250	295		ug/L		118	54 - 145	0.9	21
Benzene	50.0	51.7		ug/L		103	80 - 121	0.2	17
Bromochloromethane	50.0	50.8		ug/L		102	78 - 129	2	17
Bromodichloromethane	50.0	51.4		ug/L		103	75 - 129	0.9	18
Bromoform	50.0	53.8		ug/L		108	46 - 145	1	16
Bromomethane	50.0	52.8		ug/L		106	41 - 150	0.6	50
2-Butanone	250	259		ug/L		103	62 - 133	2	19
Carbon disulfide	50.0	43.9		ug/L		88	77 - 126	1	21
Carbon Tetrachloride	50.0	49.9		ug/L		100	64 - 147	1	19
Chlorobenzene	50.0	48.6		ug/L		97	80 - 120	0.5	14
Chlorodibromomethane	50.0	55.2		ug/L		110	69 - 133	0.7	15
Chloroethane	50.0	49.4		ug/L		99	72 - 120	1	20
Chloroform	50.0	52.9		ug/L		106	73 - 129	0.09	18
Chloromethane	50.0	50.9		ug/L		102	12 - 150	4	31
Cyclohexane	50.0	51.4		ug/L		103	73 - 122	0.9	16
1,2-Dibromo-3-chloropropane	50.0	50.4		ug/L		101	54 - 125	2	24
1,2-Dibromoethane (EDB)	50.0	54.4		ug/L		109	80 - 129	2	15
1,2-Dichlorobenzene	50.0	52.3		ug/L		105	80 - 121	1	15
1,3-Dichlorobenzene	50.0	51.5		ug/L		103	80 - 122	0.5	15
1,4-Dichlorobenzene	50.0	50.8		ug/L		102	80 - 120	0.1	15
Dichlorodifluoromethane	50.0	50.0		ug/L		100	37 - 127	2	18
1,2-Dichloroethane	50.0	49.8		ug/L		100	77 - 121	1	17
1,1-Dichloroethane	50.0	45.4		ug/L		91	78 - 125	0.4	17
1,1-Dichloroethene	50.0	43.8		ug/L		88	79 - 124	0	17
trans-1,2-Dichloroethene	50.0	45.5		ug/L		91	79 - 126	0.2	16
cis-1,2-Dichloroethene	50.0	48.8		ug/L		98	76 - 125	0.3	17
1,2-Dichloropropane	50.0	51.1		ug/L		102	75 - 120	0.9	17
trans-1,3-Dichloropropene	50.0	53.0		ug/L		106	63 - 134	0.3	14

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1831-BS1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
cis-1,3-Dichloropropene	50.0	55.0		ug/L		110	74 - 140	0.07		15
Ethylbenzene	50.0	48.6		ug/L		97	80 - 130	0.1		15
2-Hexanone	250	296		ug/L		119	60 - 142	3		15
Isopropylbenzene	50.0	52.2		ug/L		104	80 - 141	0.2		16
Methyl Acetate	50.0	32.5		ug/L		65	64 - 150	2		31
Methylcyclohexane	50.0	50.1		ug/L		100	71 - 129	0.3		19
Methyl tert-Butyl Ether	50.0	45.6		ug/L		91	72 - 133	2		16
Methylene Chloride	50.0	48.5		ug/L		97	79 - 123	0.9		17
4-Methyl-2-pentanone	250	282		ug/L		113	60 - 137	1		17
n-Propylbenzene	50.0	50.7		ug/L		101	75 - 129	0.7		17
Styrene	50.0	51.0		ug/L		102	80 - 127	0.5		24
1,1,2,2-Tetrachloroethane	50.0	54.6		ug/L		109	69 - 131	0.9		20
Tetrachloroethene	50.0	48.0		ug/L		96	80 - 126	0.04		16
Tetrahydrofuran	500	565		ug/L		113	51 - 124	2		18
Toluene	50.0	49.4		ug/L		99	80 - 126	0.3		15
1,2,4-Trichlorobenzene	50.0	56.8		ug/L		114	63 - 133	0.1		19
1,1,1-Trichloroethane	50.0	49.8		ug/L		100	78 - 135	1		17
1,1,2-Trichloroethane	50.0	52.4		ug/L		105	80 - 124	0.5		15
Trichloroethene	50.0	50.0		ug/L		100	80 - 123	0.5		17
Trichlorofluoromethane	50.0	39.6		ug/L		79	65 - 124	0.8		18
Vinyl chloride	50.0	52.9		ug/L		106	68 - 120	0.8		17
Xylenes, total	150	145		ug/L		97	80 - 132	0.09		15
1,1,2-Trifluorotrichloroethane	50.0	45.3		ug/L		91	77 - 129	0.9		18

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
1,2-Dichloroethane-d4	97		70 - 130
Dibromofluoromethane	102		70 - 130
Toluene-d8	101		70 - 130
4-Bromofluorobenzene	99		70 - 130

Lab Sample ID: 12D1831-MS1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec.	
									Limits	RPD
Acetone	ND		250	256		ug/L		102	45 - 141	
Benzene	ND		50.0	56.8		ug/L		114	75 - 133	
Bromochloromethane	ND		50.0	54.3		ug/L		109	67 - 139	
Bromodichloromethane	0.910		50.0	54.9		ug/L		108	70 - 140	
Bromoform	ND		50.0	53.5		ug/L		107	42 - 147	
Bromomethane	ND		50.0	60.9		ug/L		122	16 - 163	
2-Butanone	ND		250	255		ug/L		102	50 - 138	
Carbon disulfide	ND		50.0	49.7		ug/L		99	48 - 152	
Carbon Tetrachloride	ND		50.0	57.4		ug/L		115	62 - 164	
Chlorobenzene	ND		50.0	51.9		ug/L		104	80 - 129	
Chlorodibromomethane	ND		50.0	57.1		ug/L		114	66 - 140	
Chloroethane	ND		50.0	55.1		ug/L		110	58 - 137	
Chloroform	11.9		50.0	66.7		ug/L		110	66 - 138	
Chloromethane	ND		50.0	57.1		ug/L		114	10 - 169	

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1831-MS1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Cyclohexane	ND		50.0	61.6		ug/L		123	58 - 144
1,2-Dibromo-3-chloropropane	ND		50.0	49.3		ug/L		99	52 - 126
1,2-Dibromoethane (EDB)	ND		50.0	55.8		ug/L		112	75 - 137
1,2-Dichlorobenzene	ND		50.0	55.0		ug/L		110	79 - 128
1,3-Dichlorobenzene	ND		50.0	54.9		ug/L		110	77 - 131
1,4-Dichlorobenzene	ND		50.0	54.2		ug/L		108	78 - 126
Dichlorodifluoromethane	ND		50.0	54.8		ug/L		110	40 - 127
1,2-Dichloroethane	ND		50.0	52.7		ug/L		105	64 - 136
1,1-Dichloroethane	ND		50.0	49.6		ug/L		99	71 - 139
1,1-Dichloroethene	ND		50.0	51.8		ug/L		104	70 - 142
trans-1,2-Dichloroethene	ND		50.0	50.6		ug/L		101	66 - 143
cis-1,2-Dichloroethene	ND		50.0	53.7		ug/L		107	68 - 138
1,2-Dichloropropane	ND		50.0	54.2		ug/L		108	67 - 131
trans-1,3-Dichloropropene	ND		50.0	53.9		ug/L		108	59 - 135
cis-1,3-Dichloropropene	ND		50.0	57.2		ug/L		114	71 - 141
Ethylbenzene	ND		50.0	53.1		ug/L		106	79 - 139
2-Hexanone	ND		250	285		ug/L		114	50 - 150
Isopropylbenzene	ND		50.0	57.1		ug/L		114	80 - 153
Methyl Acetate	ND		50.0	31.1		ug/L		62	30 - 165
Methylcyclohexane	ND		50.0	60.2		ug/L		120	59 - 151
Methyl tert-Butyl Ether	ND		50.0	46.6		ug/L		93	66 - 141
Methylene Chloride	ND		50.0	51.3		ug/L		103	64 - 139
4-Methyl-2-pentanone	ND		250	279		ug/L		112	50 - 147
n-Propylbenzene	ND		50.0	55.9		ug/L		112	69 - 142
Styrene	ND		50.0	54.3		ug/L		109	61 - 148
1,1,2,2-Tetrachloroethane	ND		50.0	55.5		ug/L		111	56 - 143
Tetrachloroethene	ND		50.0	53.8		ug/L		108	72 - 145
Tetrahydrofuran	ND		500	572		ug/L		114	34 - 133
Toluene	ND		50.0	53.7		ug/L		107	75 - 136
1,2,4-Trichlorobenzene	ND		50.0	58.6		ug/L		117	60 - 136
1,1,1-Trichloroethane	ND		50.0	55.4		ug/L		111	76 - 149
1,1,2-Trichloroethane	ND		50.0	54.5		ug/L		109	74 - 134
Trichloroethene	ND		50.0	55.3		ug/L		111	73 - 144
Trichlorofluoromethane	ND		50.0	48.2		ug/L		96	58 - 139
Vinyl chloride	ND		50.0	60.8		ug/L		122	56 - 129
Xylenes, total	ND		150	157		ug/L		105	74 - 141
1,1,2-Trifluorotrichloroethane	ND		50.0	54.6		ug/L		109	72 - 148

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	96		70 - 130
Dibromofluoromethane	103		70 - 130
Toluene-d8	99		70 - 130
4-Bromofluorobenzene	99		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1831-MSD1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Sample	Sample	Spike	Matrix Spike Dup	Matrix Spike Dup	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit
Acetone	ND		250	261		ug/L		104	45 - 141	2	21
Benzene	ND		50.0	57.1		ug/L		114	75 - 133	0.5	17
Bromochloromethane	ND		50.0	53.4		ug/L		107	67 - 139	2	17
Bromodichloromethane	0.910		50.0	55.2		ug/L		109	70 - 140	0.6	18
Bromoform	ND		50.0	53.4		ug/L		107	42 - 147	0.1	16
Bromomethane	ND		50.0	63.1		ug/L		126	16 - 163	4	50
2-Butanone	ND		250	252		ug/L		101	50 - 138	1	19
Carbon disulfide	ND		50.0	50.4		ug/L		101	48 - 152	1	21
Carbon Tetrachloride	ND		50.0	57.2		ug/L		114	62 - 164	0.4	19
Chlorobenzene	ND		50.0	52.2		ug/L		104	80 - 129	0.7	14
Chlorodibromomethane	ND		50.0	56.7		ug/L		113	66 - 140	0.7	15
Chloroethane	ND		50.0	54.8		ug/L		110	58 - 137	0.5	20
Chloroform	11.9		50.0	67.2		ug/L		110	66 - 138	0.6	18
Chloromethane	ND		50.0	57.4		ug/L		115	10 - 169	0.5	31
Cyclohexane	ND		50.0	61.7		ug/L		123	58 - 144	0.2	16
1,2-Dibromo-3-chloropropane	ND		50.0	49.1		ug/L		98	52 - 126	0.4	24
1,2-Dibromoethane (EDB)	ND		50.0	55.2		ug/L		110	75 - 137	1	15
1,2-Dichlorobenzene	ND		50.0	54.9		ug/L		110	79 - 128	0.2	15
1,3-Dichlorobenzene	ND		50.0	54.8		ug/L		110	77 - 131	0.09	15
1,4-Dichlorobenzene	ND		50.0	54.4		ug/L		109	78 - 126	0.2	15
Dichlorodifluoromethane	ND		50.0	54.2		ug/L		108	40 - 127	1	18
1,2-Dichloroethane	ND		50.0	52.2		ug/L		104	64 - 136	0.9	17
1,1-Dichloroethane	ND		50.0	49.6		ug/L		99	71 - 139	0.04	17
1,1-Dichloroethene	ND		50.0	51.7		ug/L		103	70 - 142	0.3	17
trans-1,2-Dichloroethene	ND		50.0	50.8		ug/L		102	66 - 143	0.5	16
cis-1,2-Dichloroethene	ND		50.0	53.4		ug/L		107	68 - 138	0.5	17
1,2-Dichloropropane	ND		50.0	54.7		ug/L		109	67 - 131	1	17
trans-1,3-Dichloropropene	ND		50.0	53.7		ug/L		107	59 - 135	0.3	14
cis-1,3-Dichloropropene	ND		50.0	57.0		ug/L		114	71 - 141	0.3	15
Ethylbenzene	ND		50.0	53.3		ug/L		107	79 - 139	0.4	15
2-Hexanone	ND		250	283		ug/L		113	50 - 150	0.7	15
Isopropylbenzene	ND		50.0	57.6		ug/L		115	80 - 153	0.9	16
Methyl Acetate	ND		50.0	30.8		ug/L		62	30 - 165	1	31
Methylcyclohexane	ND		50.0	60.4		ug/L		121	59 - 151	0.3	19
Methyl tert-Butyl Ether	ND		50.0	45.9		ug/L		92	66 - 141	2	16
Methylene Chloride	ND		50.0	51.2		ug/L		102	64 - 139	0.3	17
4-Methyl-2-pentanone	ND		250	277		ug/L		111	50 - 147	0.8	17
n-Propylbenzene	ND		50.0	56.2		ug/L		112	69 - 142	0.6	17
Styrene	ND		50.0	54.2		ug/L		108	61 - 148	0.04	24
1,1,2,2-Tetrachloroethane	ND		50.0	54.9		ug/L		110	56 - 143	1	20
Tetrachloroethene	ND		50.0	53.9		ug/L		108	72 - 145	0.1	16
Tetrahydrofuran	ND		500	565		ug/L		113	34 - 133	1	18
Toluene	ND		50.0	54.0		ug/L		108	75 - 136	0.6	15
1,2,4-Trichlorobenzene	ND		50.0	59.6		ug/L		119	60 - 136	2	19
1,1,1-Trichloroethane	ND		50.0	55.8		ug/L		112	76 - 149	0.7	17
1,1,2-Trichloroethane	ND		50.0	53.8		ug/L		108	74 - 134	1	15
Trichloroethene	ND		50.0	55.8		ug/L		112	73 - 144	1	17
Trichlorofluoromethane	ND		50.0	48.6		ug/L		97	58 - 139	0.8	18
Vinyl chloride	ND		50.0	61.2		ug/L		122	56 - 129	0.6	17

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1831-MSD1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Xylenes, total	ND		150	158		ug/L		105	74 - 141	0.6	15
1,1,2-Trifluorotrichloroethane	ND		50.0	54.4		ug/L		109	72 - 148	0.2	18
Matrix Spike Dup											
Surrogate	%Recovery	Qualifier	Limits								
1,2-Dichloroethane-d4	96		70 - 130								
Dibromofluoromethane	101		70 - 130								
Toluene-d8	99		70 - 130								
4-Bromofluorobenzene	100		70 - 130								

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Lab Sample ID: 12D0113-BLK1

Matrix: Water

Analysis Batch: 12D0113

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0113_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Acenaphthylene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Acetophenone	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Anthracene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Atrazine	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Benzaldehyde	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Benzo (a) anthracene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Benzo (a) pyrene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Benzo (b) fluoranthene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Benzo (g,h,i) perylene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Benzo (k) fluoranthene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Biphenyl	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
4-Bromophenyl phenyl ether	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Butyl benzyl phthalate	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Caprolactam	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Carbazole	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
4-Chloro-3-methylphenol	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
4-Chloroaniline	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Bis(2-chloroethoxy)methane	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Bis(2-chloroethyl)ether	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Bis(2-chloroisopropyl)ether	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2-Chloronaphthalene	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2-Chlorophenol	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
4-Chlorophenyl phenyl ether	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Chrysene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Dibenz (a,h) anthracene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Dibenzofuran	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Di-n-butyl phthalate	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
3,3-Dichlorobenzidine	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2,4-Dichlorophenol	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Diethyl phthalate	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2,4-Dimethylphenol	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Dimethyl phthalate	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D0113-BLK1

Matrix: Water

Analysis Batch: 12D0113

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0113_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		25.0	13.0	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2,4-Dinitrophenol	ND		25.0	13.0	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2,4-Dinitrotoluene	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2,6-Dinitrotoluene	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Di-n-octyl phthalate	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Bis(2-ethylhexyl)phthalate	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Fluoranthene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Fluorene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Hexachlorobenzene	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Hexachlorobutadiene	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Hexachlorocyclopentadiene	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Hexachloroethane	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Indeno (1,2,3-cd) pyrene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Isophorone	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2-Methylnaphthalene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2-Methylphenol	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
3/4-Methylphenol	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Naphthalene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
4-Nitroaniline	ND		25.0	13.0	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2-Nitroaniline	ND		25.0	13.0	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
3-Nitroaniline	ND		25.0	13.0	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Nitrobenzene	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2-Nitrophenol	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
4-Nitrophenol	ND		25.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
N-Nitrosodiphenylamine	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
N-Nitrosodi-n-propylamine	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Pentachlorophenol	ND		25.0	13.0	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Phenanthrene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Phenol	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
Pyrene	ND		2.00	1.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2,4,6-Trichlorophenol	ND		10.0	5.00	ug/L		04/04/12 06:50	04/05/12 12:26	1.00
2,4,5-Trichlorophenol	ND		25.0	13.0	ug/L		04/04/12 06:50	04/05/12 12:26	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	40		10 - 120	04/04/12 06:50	04/05/12 12:26	1.00
Phenol-d5	25		10 - 120	04/04/12 06:50	04/05/12 12:26	1.00
Nitrobenzene-d5	68		27 - 120	04/04/12 06:50	04/05/12 12:26	1.00
2-Fluorobiphenyl	62		29 - 120	04/04/12 06:50	04/05/12 12:26	1.00
2,4,6-Tribromophenol	72		10 - 120	04/04/12 06:50	04/05/12 12:26	1.00
Terphenyl-d14	91		13 - 120	04/04/12 06:50	04/05/12 12:26	1.00

Lab Sample ID: 12D0113-BS1

Matrix: Water

Analysis Batch: 12D0113

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0113_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	50.0	35.5	MNR1	ug/L		71	46 - 120
Acenaphthylene	50.0	33.9	MNR1	ug/L		68	48 - 120
Acetophenone	50.0	41.8	MNR1	ug/L		84	36 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D0113-BS1

Matrix: Water

Analysis Batch: 12D0113

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0113_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Anthracene	50.0	43.2	MNR1	ug/L		86	58 - 130
Benzo (a) anthracene	50.0	43.2	MNR1	ug/L		86	57 - 120
Benzo (a) pyrene	50.0	43.0	MNR1	ug/L		86	57 - 124
Benzo (b) fluoranthene	50.0	46.2	MNR1	ug/L		92	51 - 125
Benzo (g,h,i) perylene	50.0	40.6	MNR1	ug/L		81	51 - 123
Benzo (k) fluoranthene	50.0	35.7	MNR1	ug/L		71	51 - 120
4-Bromophenyl phenyl ether	50.0	45.9	MNR1	ug/L		92	47 - 127
Butyl benzyl phthalate	50.0	43.7	MNR1	ug/L		87	51 - 146
Carbazole	50.0	41.8	MNR1	ug/L		84	54 - 123
4-Chloro-3-methylphenol	50.0	38.0	MNR1	ug/L		76	44 - 120
4-Chloroaniline	50.0	34.8	MNR1	ug/L		70	44 - 120
Bis(2-chloroethoxy)methane	50.0	35.3	MNR1	ug/L		71	44 - 120
Bis(2-chloroethyl)ether	50.0	38.1	MNR1	ug/L		76	47 - 120
Bis(2-chloroisopropyl)ether	50.0	38.8	MNR1	ug/L		78	44 - 120
2-Chloronaphthalene	50.0	26.7	MNR1	ug/L		53	39 - 120
2-Chlorophenol	50.0	38.0	MNR1	ug/L		76	40 - 120
4-Chlorophenyl phenyl ether	50.0	40.4	MNR1	ug/L		81	50 - 120
Chrysene	50.0	41.3	MNR1	ug/L		83	55 - 120
Dibenz (a,h) anthracene	50.0	40.6	MNR1	ug/L		81	50 - 125
Dibenzofuran	50.0	39.6	MNR1	ug/L		79	50 - 120
Di-n-butyl phthalate	50.0	43.0	MNR1	ug/L		86	54 - 140
3,3-Dichlorobenzidine	50.0	42.2	MNR1	ug/L		84	46 - 129
2,4-Dichlorophenol	50.0	36.3	MNR1	ug/L		73	38 - 120
Diethyl phthalate	50.0	43.6	MNR1	ug/L		87	54 - 128
2,4-Dimethylphenol	50.0	35.0	MNR1	ug/L		70	21 - 126
Dimethyl phthalate	50.0	41.4	MNR1	ug/L		83	53 - 127
4,6-Dinitro-2-methylphenol	50.0	46.5	MNR1	ug/L		93	19 - 150
2,4-Dinitrophenol	50.0	44.1	MNR1	ug/L		88	20 - 150
2,4-Dinitrotoluene	50.0	35.8	MNR1	ug/L		72	46 - 132
2,6-Dinitrotoluene	50.0	36.0	MNR1	ug/L		72	54 - 128
Di-n-octyl phthalate	50.0	41.4	MNR1	ug/L		83	50 - 142
Bis(2-ethylhexyl)phthalate	50.0	43.1	MNR1	ug/L		86	47 - 138
Fluoranthene	50.0	43.4	MNR1	ug/L		87	56 - 120
Fluorene	50.0	41.3	MNR1	ug/L		83	52 - 120
Hexachlorobenzene	50.0	50.0	MNR1	ug/L		100	48 - 131
Hexachlorobutadiene	50.0	31.4	MNR1	ug/L		63	28 - 120
Hexachlorocyclopentadiene	50.0	19.2	MNR1	ug/L		38	17 - 120
Hexachloroethane	50.0	26.6	MNR1	ug/L		53	30 - 120
Indeno (1,2,3-cd) pyrene	50.0	40.8	MNR1	ug/L		82	54 - 125
Isophorone	50.0	29.1	MNR1	ug/L		58	47 - 120
2-Methylnaphthalene	50.0	28.5	MNR1	ug/L		57	31 - 120
2-Methylphenol	50.0	28.9	MNR1	ug/L		58	38 - 120
3/4-Methylphenol	50.0	26.6	MNR1	ug/L		53	33 - 120
Naphthalene	50.0	29.7	MNR1	ug/L		59	37 - 120
4-Nitroaniline	50.0	40.6	MNR1	ug/L		81	55 - 123
2-Nitroaniline	50.0	42.8	MNR1	ug/L		86	46 - 131
3-Nitroaniline	50.0	43.0	MNR1	ug/L		86	54 - 121
Nitrobenzene	50.0	25.0	MNR1	ug/L		50	36 - 120
2-Nitrophenol	50.0	37.9	MNR1	ug/L		76	32 - 120
4-Nitrophenol	50.0	16.9	MNR1 J	ug/L		34	10 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D0113-BS1

Matrix: Water

Analysis Batch: 12D0113

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0113_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Nitrosodiphenylamine	50.0	49.1	MNR1	ug/L		98	58 - 149
N-Nitrosodi-n-propylamine	50.0	41.4	MNR1	ug/L		83	51 - 120
Pentachlorophenol	50.0	44.6	MNR1	ug/L		89	21 - 150
Phenanthrene	50.0	42.4	MNR1	ug/L		85	56 - 120
Phenol	50.0	17.1	MNR1	ug/L		34	14 - 120
Pyrene	50.0	42.5	MNR1	ug/L		85	53 - 129
2,4,6-Trichlorophenol	50.0	42.4	MNR1	ug/L		85	39 - 135
2,4,5-Trichlorophenol	50.0	35.1	MNR1	ug/L		70	40 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	40		10 - 120
Phenol-d5	27		10 - 120
Nitrobenzene-d5	55		27 - 120
2-Fluorobiphenyl	56		29 - 120
2,4,6-Tribromophenol	71		10 - 120
Terphenyl-d14	89		13 - 120

Lab Sample ID: 12D0113-BS2

Matrix: Water

Analysis Batch: 12D0113

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0113_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetophenone	50.0	35.4		ug/L		71	36 - 120
Atrazine	50.0	36.8		ug/L		74	24 - 133
Benzaldehyde	50.0	36.1		ug/L		72	34 - 120
Biphenyl	50.0	30.9		ug/L		62	10 - 146
Caprolactam	50.0	9.58	J	ug/L		19	10 - 120
4-Chloro-3-methylphenol	50.0	34.5		ug/L		69	44 - 120
2-Chlorophenol	50.0	30.6		ug/L		61	40 - 120
2,4-Dichlorophenol	50.0	34.2		ug/L		68	38 - 120
2,4-Dimethylphenol	50.0	32.5		ug/L		65	21 - 126
4,6-Dinitro-2-methylphenol	50.0	36.3		ug/L		73	19 - 150
2,4-Dinitrophenol	50.0	31.9		ug/L		64	20 - 150
2-Methylphenol	50.0	22.3		ug/L		45	38 - 120
2-Nitrophenol	50.0	33.5		ug/L		67	32 - 120
4-Nitrophenol	50.0	10.7	J	ug/L		21	10 - 120
Pentachlorophenol	50.0	30.1		ug/L		60	21 - 150
Phenol	50.0	12.3		ug/L		25	14 - 120
2,4,6-Trichlorophenol	50.0	36.2		ug/L		72	39 - 135
2,4,5-Trichlorophenol	50.0	28.1		ug/L		56	40 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	35		10 - 120
Phenol-d5	23		10 - 120
Nitrobenzene-d5	57		27 - 120
2-Fluorobiphenyl	58		29 - 120
2,4,6-Tribromophenol	64		10 - 120
Terphenyl-d14	80		13 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D0113-BSD1

Matrix: Water

Analysis Batch: 12D0113

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D0113_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	50.0	36.8		ug/L		74	46 - 120	3	31
Acenaphthylene	50.0	35.2		ug/L		70	48 - 120	4	31
Acetophenone	50.0	43.3		ug/L		87	36 - 120	4	50
Anthracene	50.0	43.9		ug/L		88	58 - 130	2	28
Benzo (a) anthracene	50.0	44.6		ug/L		89	57 - 120	3	27
Benzo (a) pyrene	50.0	44.2		ug/L		88	57 - 124	3	27
Benzo (b) fluoranthene	50.0	40.0		ug/L		80	51 - 125	15	39
Benzo (g,h,i) perylene	50.0	43.0		ug/L		86	51 - 123	6	27
Benzo (k) fluoranthene	50.0	47.1		ug/L		94	51 - 120	27	32
4-Bromophenyl phenyl ether	50.0	47.9		ug/L		96	47 - 127	4	29
Butyl benzyl phthalate	50.0	44.4		ug/L		89	51 - 146	2	31
Carbazole	50.0	42.6		ug/L		85	54 - 123	2	29
4-Chloro-3-methylphenol	50.0	43.9		ug/L		88	44 - 120	14	22
4-Chloroaniline	50.0	43.6		ug/L		87	44 - 120	23	26
Bis(2-chloroethoxy)methane	50.0	41.6		ug/L		83	44 - 120	16	31
Bis(2-chloroethyl)ether	50.0	39.4		ug/L		79	47 - 120	3	38
Bis(2-chloroisopropyl)ether	50.0	38.9		ug/L		78	44 - 120	0.3	36
2-Chloronaphthalene	50.0	28.2		ug/L		56	39 - 120	6	36
2-Chlorophenol	50.0	40.3		ug/L		81	40 - 120	6	46
4-Chlorophenyl phenyl ether	50.0	42.3		ug/L		85	50 - 120	5	29
Chrysene	50.0	42.6		ug/L		85	55 - 120	3	27
Dibenz (a,h) anthracene	50.0	43.3		ug/L		87	50 - 125	6	28
Dibenzofuran	50.0	39.7		ug/L		79	50 - 120	0.5	29
Di-n-butyl phthalate	50.0	44.3		ug/L		89	54 - 140	3	27
3,3-Dichlorobenzidine	50.0	43.3		ug/L		87	46 - 129	3	30
2,4-Dichlorophenol	50.0	45.4		ug/L		91	38 - 120	22	30
Diethyl phthalate	50.0	44.9		ug/L		90	54 - 128	3	28
2,4-Dimethylphenol	50.0	42.0		ug/L		84	21 - 126	18	48
Dimethyl phthalate	50.0	41.8		ug/L		84	53 - 127	0.9	27
4,6-Dinitro-2-methylphenol	50.0	47.7		ug/L		95	19 - 150	3	34
2,4-Dinitrophenol	50.0	46.6		ug/L		93	20 - 150	6	31
2,4-Dinitrotoluene	50.0	37.0		ug/L		74	46 - 132	3	26
2,6-Dinitrotoluene	50.0	38.0		ug/L		76	54 - 128	6	29
Di-n-octyl phthalate	50.0	42.0		ug/L		84	50 - 142	2	28
Bis(2-ethylhexyl)phthalate	50.0	43.3		ug/L		87	47 - 138	0.4	28
Fluoranthene	50.0	46.6		ug/L		93	56 - 120	7	28
Fluorene	50.0	43.0		ug/L		86	52 - 120	4	28
Hexachlorobenzene	50.0	50.6		ug/L		101	48 - 131	1	28
Hexachlorobutadiene	50.0	35.1		ug/L		70	28 - 120	11	43
Hexachlorocyclopentadiene	50.0	19.5		ug/L		39	17 - 120	2	43
Hexachloroethane	50.0	28.4		ug/L		57	30 - 120	7	45
Indeno (1,2,3-cd) pyrene	50.0	43.3		ug/L		87	54 - 125	6	27
Isophorone	50.0	34.2		ug/L		68	47 - 120	16	31
2-Methylnaphthalene	50.0	33.3		ug/L		67	31 - 120	16	35
2-Methylphenol	50.0	29.8		ug/L		60	38 - 120	3	32
3/4-Methylphenol	50.0	27.2		ug/L		54	33 - 120	2	34
Naphthalene	50.0	35.8		ug/L		72	37 - 120	19	37
4-Nitroaniline	50.0	43.7		ug/L		87	55 - 123	7	26
2-Nitroaniline	50.0	45.5		ug/L		91	46 - 131	6	24

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D0113-BSD1

Matrix: Water

Analysis Batch: 12D0113

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D0113_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	Limits	RPD	Limit
3-Nitroaniline	50.0	44.5		ug/L		89	54 - 121	3	26
Nitrobenzene	50.0	30.9		ug/L		62	36 - 120	21	28
2-Nitrophenol	50.0	44.8		ug/L		90	32 - 120	17	31
4-Nitrophenol	50.0	17.2	J	ug/L		34	10 - 120	2	38
N-Nitrosodiphenylamine	50.0	50.4		ug/L		101	58 - 149	2	26
N-Nitrosodi-n-propylamine	50.0	43.5		ug/L		87	51 - 120	5	37
Pentachlorophenol	50.0	47.5		ug/L		95	21 - 150	6	31
Phenanthrene	50.0	44.3		ug/L		89	56 - 120	4	26
Phenol	50.0	17.4		ug/L		35	14 - 120	2	42
Pyrene	50.0	43.2		ug/L		86	53 - 129	1	29
2,4,6-Trichlorophenol	50.0	45.2		ug/L		90	39 - 135	6	40
2,4,5-Trichlorophenol	50.0	36.9		ug/L		74	40 - 129	5	34

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
2-Fluorophenol	43		10 - 120
Phenol-d5	29		10 - 120
Nitrobenzene-d5	67		27 - 120
2-Fluorobiphenyl	63		29 - 120
2,4,6-Tribromophenol	73		10 - 120
Terphenyl-d14	90		13 - 120

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Lab Sample ID: 12D0616-BLK1

Matrix: Water

Analysis Batch: V005581

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0616_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		04/05/12 13:45	04/05/12 14:38	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Butanol	125		70 - 130				04/05/12 13:45	04/05/12 14:38	1.00

Lab Sample ID: 12D0616-BS1

Matrix: Water

Analysis Batch: V005581

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0616_P

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Ethylene Glycol			50.0	47.0		mg/L		94	70 - 130		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
n-Butanol	116		70 - 130								

Lab Sample ID: 12D0616-MS1

Matrix: Water

Analysis Batch: V005581

Client Sample ID: TP-16-GW-040312-12

Prep Type: Total

Prep Batch: 12D0616_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Ethylene Glycol	ND		50.0	50.1		mg/L		100	41 - 139

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 8015B - Glycols by EPA Method 8015 (modified) (Continued)

Lab Sample ID: 12D0616-MS1

Matrix: Water

Analysis Batch: V005581

Client Sample ID: TP-16-GW-040312-12

Prep Type: Total

Prep Batch: 12D0616_P

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
n-Butanol	111		70 - 130

Lab Sample ID: 12D0616-MSD1

Matrix: Water

Analysis Batch: V005581

Client Sample ID: TP-16-GW-040312-12

Prep Type: Total

Prep Batch: 12D0616_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Glycol	ND		50.0	48.6		mg/L		97	41 - 139	3	36
Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits								
n-Butanol	120		70 - 130								

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Lab Sample ID: 12D0551-BLK1

Matrix: Water

Analysis Batch: V005549

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0551_P

	Blank	Blank							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.500	0.250	ug/L		04/04/12 10:22	04/06/12 09:09	1.00
PCB-1221	ND		0.500	0.250	ug/L		04/04/12 10:22	04/06/12 09:09	1.00
PCB-1232	ND		0.500	0.250	ug/L		04/04/12 10:22	04/06/12 09:09	1.00
PCB-1242	ND		0.500	0.250	ug/L		04/04/12 10:22	04/06/12 09:09	1.00
PCB-1248	ND		0.500	0.250	ug/L		04/04/12 10:22	04/06/12 09:09	1.00
PCB-1254	ND		0.500	0.250	ug/L		04/04/12 10:22	04/06/12 09:09	1.00
PCB-1260	ND		0.500	0.250	ug/L		04/04/12 10:22	04/06/12 09:09	1.00
	Blank	Blank							
Surrogate	%Recovery	Qualifier	Limits						
Tetrachloro-meta-xylene	80		17 - 142						
Decachlorobiphenyl	70		10 - 149						

Lab Sample ID: 12D0551-BS1

Matrix: Water

Analysis Batch: V005549

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0551_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1260	5.00	4.12	MNR1	ug/L		82	36 - 144
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Tetrachloro-meta-xylene	95		17 - 142				
Decachlorobiphenyl	66		10 - 149				

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 6020 - Total Metals by Method 6020

Lab Sample ID: 12D1468-BLK1

Matrix: Water

Analysis Batch: 12D1468

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1468_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:28	1.00
Arsenic	ND		2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:28	1.00
Barium	ND		2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:28	1.00
Beryllium	ND		2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:28	1.00
Cadmium	ND		1.00	0.400	ug/L		04/07/12 17:13	04/08/12 00:28	1.00
Chromium	ND		2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:28	1.00
Cobalt	ND		2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:28	1.00
Copper	ND		5.00	1.00	ug/L		04/07/12 17:13	04/08/12 00:28	1.00
Lead	ND		2.00	0.200	ug/L		04/07/12 17:13	04/08/12 00:28	1.00
Manganese	ND		5.00	1.00	ug/L		04/07/12 17:13	04/08/12 00:28	1.00
Nickel	ND		5.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:28	1.00
Selenium	ND		2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:28	1.00
Silver	ND		2.00	0.500	ug/L		04/07/12 17:13	04/08/12 00:28	1.00
Thallium	ND		2.00	0.700	ug/L		04/07/12 17:13	04/08/12 00:28	1.00
Vanadium	ND		4.00	1.50	ug/L		04/07/12 17:13	04/08/12 00:28	1.00
Zinc	ND		50.0	5.00	ug/L		04/07/12 17:13	04/08/12 00:28	1.00

Lab Sample ID: 12D1468-BS1

Matrix: Water

Analysis Batch: 12D1468

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1468_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	100	105		ug/L		105	80 - 120
Arsenic	100	99.2		ug/L		99	80 - 120
Barium	100	101		ug/L		101	80 - 120
Beryllium	100	97.3		ug/L		97	80 - 120
Cadmium	100	99.0		ug/L		99	80 - 120
Chromium	100	99.2		ug/L		99	80 - 120
Cobalt	100	98.5		ug/L		99	80 - 120
Copper	100	98.6		ug/L		99	80 - 120
Lead	100	101		ug/L		101	80 - 120
Manganese	100	95.7		ug/L		96	80 - 120
Nickel	100	97.8		ug/L		98	80 - 120
Selenium	100	93.7		ug/L		94	80 - 120
Silver	100	92.2		ug/L		92	80 - 120
Thallium	100	99.4		ug/L		99	80 - 120
Vanadium	100	99.7		ug/L		100	80 - 120
Zinc	100	98.0		ug/L		98	80 - 120

Lab Sample ID: 12D1468-BSD1

Matrix: Water

Analysis Batch: 12D1468

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1468_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	100	105		ug/L		105	80 - 120	0.3	20
Arsenic	100	100		ug/L		100	80 - 120	1	20
Barium	100	103		ug/L		103	80 - 120	2	20
Beryllium	100	100		ug/L		100	80 - 120	3	20
Cadmium	100	99.2		ug/L		99	80 - 120	0.2	20
Chromium	100	101		ug/L		101	80 - 120	2	20

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 6020 - Total Metals by Method 6020 (Continued)

Lab Sample ID: 12D1468-BSD1

Matrix: Water

Analysis Batch: 12D1468

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1468_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	100	99.4		ug/L		99	80 - 120	0.9	20
Copper	100	99.6		ug/L		100	80 - 120	1	20
Lead	100	101		ug/L		101	80 - 120	0.5	20
Manganese	100	97.6		ug/L		98	80 - 120	2	20
Nickel	100	98.9		ug/L		99	80 - 120	1	20
Selenium	100	95.4		ug/L		95	80 - 120	2	20
Silver	100	92.8		ug/L		93	80 - 120	0.6	20
Thallium	100	98.1		ug/L		98	80 - 120	1	20
Vanadium	100	102		ug/L		102	80 - 120	2	20
Zinc	100	102		ug/L		102	80 - 120	4	20

Lab Sample ID: 12D1468-MS1

Matrix: Water

Analysis Batch: 12D1468

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1468_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		100	109		ug/L		109	75 - 125		
Arsenic	ND		100	105		ug/L		105	75 - 125		
Barium	56.1		100	162		ug/L		106	75 - 125		
Beryllium	ND		100	101		ug/L		101	75 - 125		
Cadmium	ND		100	103		ug/L		103	75 - 125		
Chromium	1.03		100	104		ug/L		103	75 - 125		
Cobalt	ND		100	101		ug/L		101	75 - 125		
Copper	1.10		100	103		ug/L		102	75 - 125		
Lead	0.840		100	104		ug/L		103	75 - 125		
Manganese	7.40		100	106		ug/L		99	75 - 125		
Nickel	0.850		100	102		ug/L		101	75 - 125		
Selenium	ND		100	99.0		ug/L		99	75 - 125		
Silver	ND		100	95.1		ug/L		95	75 - 125		
Thallium	ND		100	100		ug/L		100	75 - 125		
Vanadium	1.75		100	106		ug/L		105	75 - 125		
Zinc	233		100	329		ug/L		96	75 - 125		

Lab Sample ID: 12D1468-MSD1

Matrix: Water

Analysis Batch: 12D1468

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1468_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		100	108		ug/L		108	75 - 125	0.6	20
Arsenic	ND		100	104		ug/L		104	75 - 125	0.9	20
Barium	56.1		100	162		ug/L		105	75 - 125	0.5	20
Beryllium	ND		100	105		ug/L		105	75 - 125	4	20
Cadmium	ND		100	103		ug/L		103	75 - 125	0.3	20
Chromium	1.03		100	105		ug/L		104	75 - 125	0.7	20
Cobalt	ND		100	102		ug/L		102	75 - 125	0.9	20
Copper	1.10		100	104		ug/L		102	75 - 125	0.2	20
Lead	0.840		100	103		ug/L		102	75 - 125	0.9	20
Manganese	7.40		100	107		ug/L		100	75 - 125	0.8	20
Nickel	0.850		100	102		ug/L		101	75 - 125	0.3	20
Selenium	ND		100	97.8		ug/L		98	75 - 125	1	20

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 6020 - Total Metals by Method 6020 (Continued)

Lab Sample ID: 12D1468-MSD1

Matrix: Water

Analysis Batch: 12D1468

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1468_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	ND		100	95.3		ug/L		95	75 - 125	0.1	20
Thallium	ND		100	99.0		ug/L		99	75 - 125	1	20
Vanadium	1.75		100	106		ug/L		105	75 - 125	0	20
Zinc	233		100	333		ug/L		100	75 - 125	1	20

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Lab Sample ID: 12D0769-BLK1

Matrix: Water

Analysis Batch: 12D0769

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0769_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		04/09/12 06:30	04/10/12 11:23	1.00

Lab Sample ID: 12D0769-BS1

Matrix: Water

Analysis Batch: 12D0769

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0769_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00100	0.000852		mg/L		85	80 - 120

Lab Sample ID: 12D0769-BSD1

Matrix: Water

Analysis Batch: 12D0769

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D0769_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.00100	0.00103		mg/L		103	80 - 120	19	20

Lab Sample ID: 12D0769-MS1

Matrix: Water

Analysis Batch: 12D0769

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D0769_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00100	0.00110		mg/L		110	75 - 125

Lab Sample ID: 12D0769-MSD1

Matrix: Water

Analysis Batch: 12D0769

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D0769_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00100	0.00119		mg/L		119	75 - 125	8	20

Method: SW846 7196A - General Chemistry Parameters

Lab Sample ID: 12D0787-BLK1

Matrix: Water

Analysis Batch: 12D0787

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0787_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		0.0100	0.00500	mg/L		04/05/12 12:30	04/05/12 12:30	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 7196A - General Chemistry Parameters (Continued)

Lab Sample ID: 12D0787-BS1

Matrix: Water

Analysis Batch: 12D0787

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0787_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	0.100	0.103		mg/L		103	85 - 115

Lab Sample ID: 12D0787-MS1

Matrix: Water

Analysis Batch: 12D0787

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D0787_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	ND		1.00	1.17	M1	mg/L		117	85 - 115

Lab Sample ID: 12D0787-MSD1

Matrix: Water

Analysis Batch: 12D0787

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D0787_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium (VI)	ND		1.00	1.13		mg/L		113	85 - 115	4	10

Lab Sample ID: 12D0787-DUP1

Matrix: Water

Analysis Batch: 12D0787

Client Sample ID: Duplicate

Prep Type: Total

Prep Batch: 12D0787_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium (VI)	ND		ND		mg/L					10

Method: SW846 9012B - General Chemistry Parameters

Lab Sample ID: 12D1904-BLK1

Matrix: Water

Analysis Batch: 12D1904

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1904_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		0.00500	0.00250	mg/L		04/10/12 18:00	04/11/12 09:04	1.00

Lab Sample ID: 12D1904-BS1

Matrix: Water

Analysis Batch: 12D1904

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1904_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	0.100	0.113	L1	mg/L		113	90 - 110

Lab Sample ID: 12D1904-MS1

Matrix: Water

Analysis Batch: 12D1904

Client Sample ID: TP-16-GW-040312-12

Prep Type: Total

Prep Batch: 12D1904_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	ND	L M8	0.100	0.0757		mg/L		76	70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method: SW846 9012B - General Chemistry Parameters (Continued)

Lab Sample ID: 12D1904-MSD1

Matrix: Water

Analysis Batch: 12D1904

Client Sample ID: TP-16-GW-040312-12

Prep Type: Total

Prep Batch: 12D1904_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Cyanide	ND	L M8	0.100	0.0222	M8 R2	mg/L		22	70 - 130	109	20

Lab Sample ID: 12D1904-DUP1

Matrix: Water

Analysis Batch: 12D1904

Client Sample ID: TP-50-GW-040312-12

Prep Type: Total

Prep Batch: 12D1904_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	Limit
Cyanide	0.00350	J L	0.00343	J	mg/L		2	20

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

GCMS Volatiles

Analysis Batch: V005807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1636-BLK1	Method Blank	Total	Water	SW846 8260B	12D1636_P
12D1636-BS1	Lab Control Sample	Total	Water	SW846 8260B	12D1636_P
12D1636-BSD1	Lab Control Sample Dup	Total	Water	SW846 8260B	12D1636_P
12D1636-MS1	TP-16-GW-040312-12	Total	Water	SW846 8260B	12D1636_P
12D1636-MSD1	TP-16-GW-040312-12	Total	Water	SW846 8260B	12D1636_P
NWD0178-01	TP-16-GW-040312-12	Total	Ground Water	SW846 8260B	12D1636_P
NWD0178-02	TP-50-GW-040312-12	Total	Ground Water	SW846 8260B	12D1636_P
NWD0178-03	Trip Blank	Total	Water	SW846 8260B	12D1636_P

Analysis Batch: V005866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1830-BLK1	Method Blank	Total	Water	SW846 8260B	12D1830_P
12D1830-BS1	Lab Control Sample	Total	Water	SW846 8260B	12D1830_P
12D1830-BSD1	Lab Control Sample Dup	Total	Water	SW846 8260B	12D1830_P
12D1830-MS1	Matrix Spike	Total	Water	SW846 8260B	12D1830_P
12D1830-MSD1	Matrix Spike Duplicate	Total	Water	SW846 8260B	12D1830_P
NWD0178-01 - RE1	TP-16-GW-040312-12	Total	Ground Water	SW846 8260B	12D1830_P
NWD0178-02 - RE1	TP-50-GW-040312-12	Total	Ground Water	SW846 8260B	12D1830_P

Analysis Batch: V005867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1831-BLK1	Method Blank	Total	Water	SW846 8260B	12D1831_P
12D1831-BS1	Lab Control Sample	Total	Water	SW846 8260B	12D1831_P
12D1831-BSD1	Lab Control Sample Dup	Total	Water	SW846 8260B	12D1831_P
12D1831-MS1	Matrix Spike	Total	Water	SW846 8260B	12D1831_P
12D1831-MSD1	Matrix Spike Duplicate	Total	Water	SW846 8260B	12D1831_P
NWD0178-03 - RE1	Trip Blank	Total	Water	SW846 8260B	12D1831_P

Prep Batch: 12D1636_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1636-BLK1	Method Blank	Total	Water	EPA 5030B	
12D1636-BS1	Lab Control Sample	Total	Water	EPA 5030B	
12D1636-BSD1	Lab Control Sample Dup	Total	Water	EPA 5030B	
12D1636-MS1	TP-16-GW-040312-12	Total	Water	EPA 5030B	
12D1636-MSD1	TP-16-GW-040312-12	Total	Water	EPA 5030B	
NWD0178-01	TP-16-GW-040312-12	Total	Ground Water	EPA 5030B	
NWD0178-02	TP-50-GW-040312-12	Total	Ground Water	EPA 5030B	
NWD0178-03	Trip Blank	Total	Water	EPA 5030B	

Prep Batch: 12D1830_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1830-BLK1	Method Blank	Total	Water	EPA 5030B	
12D1830-BS1	Lab Control Sample	Total	Water	EPA 5030B	
12D1830-BSD1	Lab Control Sample Dup	Total	Water	EPA 5030B	
12D1830-MS1	Matrix Spike	Total	Water	EPA 5030B	
12D1830-MSD1	Matrix Spike Duplicate	Total	Water	EPA 5030B	
NWD0178-01 - RE1	TP-16-GW-040312-12	Total	Ground Water	EPA 5030B	
NWD0178-02 - RE1	TP-50-GW-040312-12	Total	Ground Water	EPA 5030B	

Prep Batch: 12D1831_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1831-BLK1	Method Blank	Total	Water	EPA 5030B	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

GCMS Volatiles (Continued)

Prep Batch: 12D1831_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1831-BS1	Lab Control Sample	Total	Water	EPA 5030B	
12D1831-BSD1	Lab Control Sample Dup	Total	Water	EPA 5030B	
12D1831-MS1	Matrix Spike	Total	Water	EPA 5030B	
12D1831-MSD1	Matrix Spike Duplicate	Total	Water	EPA 5030B	
NWD0178-03 - RE1	Trip Blank	Total	Water	EPA 5030B	

GCMS Semivolatiles

Analysis Batch: 12D0113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0113-BLK1	Method Blank	Total	Water	SW846 8270C	12D0113_P
12D0113-BS1	Lab Control Sample	Total	Water	SW846 8270C	12D0113_P
12D0113-BS2	Lab Control Sample	Total	Water	SW846 8270C	12D0113_P
12D0113-BSD1	Lab Control Sample Dup	Total	Water	SW846 8270C	12D0113_P
NWD0178-01	TP-16-GW-040312-12	Total	Ground Water	SW846 8270C	12D0113_P
NWD0178-02	TP-50-GW-040312-12	Total	Ground Water	SW846 8270C	12D0113_P

Prep Batch: 12D0113_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0113-BLK1	Method Blank	Total	Water	EPA 3510C	
12D0113-BS1	Lab Control Sample	Total	Water	EPA 3510C	
12D0113-BS2	Lab Control Sample	Total	Water	EPA 3510C	
12D0113-BSD1	Lab Control Sample Dup	Total	Water	EPA 3510C	
NWD0178-01	TP-16-GW-040312-12	Total	Ground Water	EPA 3510C	
NWD0178-02	TP-50-GW-040312-12	Total	Ground Water	EPA 3510C	

Pesticides

Analysis Batch: V005549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0551-BLK1	Method Blank	Total	Water	SW846 8082	12D0551_P
12D0551-BS1	Lab Control Sample	Total	Water	SW846 8082	12D0551_P
NWD0178-01	TP-16-GW-040312-12	Total	Ground Water	SW846 8082	12D0551_P
NWD0178-02	TP-50-GW-040312-12	Total	Ground Water	SW846 8082	12D0551_P

Analysis Batch: V005581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0616-BLK1	Method Blank	Total	Water	SW846 8015B	12D0616_P
12D0616-BS1	Lab Control Sample	Total	Water	SW846 8015B	12D0616_P
12D0616-MS1	TP-16-GW-040312-12	Total	Water	SW846 8015B	12D0616_P
12D0616-MSD1	TP-16-GW-040312-12	Total	Water	SW846 8015B	12D0616_P
NWD0178-01	TP-16-GW-040312-12	Total	Ground Water	SW846 8015B	12D0616_P
NWD0178-02	TP-50-GW-040312-12	Total	Ground Water	SW846 8015B	12D0616_P

Prep Batch: 12D0551_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0551-BLK1	Method Blank	Total	Water	EPA 3510C/3665A	
12D0551-BS1	Lab Control Sample	Total	Water	EPA 3510C/3665A	
NWD0178-01	TP-16-GW-040312-12	Total	Ground Water	EPA 3510C/3665A	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Pesticides (Continued)

Prep Batch: 12D0551_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0178-02	TP-50-GW-040312-12	Total	Ground Water	EPA 3510C/3665A	

Prep Batch: 12D0616_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0616-BLK1	Method Blank	Total	Water	NO PREP-PEST	
12D0616-BS1	Lab Control Sample	Total	Water	NO PREP-PEST	
12D0616-MS1	TP-16-GW-040312-12	Total	Water	NO PREP-PEST	
12D0616-MSD1	TP-16-GW-040312-12	Total	Water	NO PREP-PEST	
NWD0178-01	TP-16-GW-040312-12	Total	Ground Water	NO PREP-PEST	
NWD0178-02	TP-50-GW-040312-12	Total	Ground Water	NO PREP-PEST	

Metals

Analysis Batch: 12D0769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0769-BLK1	Method Blank	Total	Water	SW846 7470A	12D0769_P
12D0769-BS1	Lab Control Sample	Total	Water	SW846 7470A	12D0769_P
12D0769-BSD1	Lab Control Sample Dup	Total	Water	SW846 7470A	12D0769_P
12D0769-MS1	Matrix Spike	Total	Water	SW846 7470A	12D0769_P
12D0769-MSD1	Matrix Spike Duplicate	Total	Water	SW846 7470A	12D0769_P
NWD0178-01	TP-16-GW-040312-12	Total	Ground Water	SW846 7470A	12D0769_P
NWD0178-02	TP-50-GW-040312-12	Total	Ground Water	SW846 7470A	12D0769_P

Analysis Batch: 12D1468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1468-BLK1	Method Blank	Total	Water	SW846 6020	12D1468_P
12D1468-BS1	Lab Control Sample	Total	Water	SW846 6020	12D1468_P
12D1468-BSD1	Lab Control Sample Dup	Total	Water	SW846 6020	12D1468_P
12D1468-MS1	Matrix Spike	Total	Water	SW846 6020	12D1468_P
12D1468-MSD1	Matrix Spike Duplicate	Total	Water	SW846 6020	12D1468_P
NWD0178-01	TP-16-GW-040312-12	Total	Ground Water	SW846 6020	12D1468_P
NWD0178-01 - RE1	TP-16-GW-040312-12	Total	Ground Water	SW846 6020	12D1468_P
NWD0178-01 - RE2	TP-16-GW-040312-12	Total	Ground Water	SW846 6020	12D1468_P
NWD0178-01 - RE3	TP-16-GW-040312-12	Total	Ground Water	SW846 6020	12D1468_P
NWD0178-02	TP-50-GW-040312-12	Total	Ground Water	SW846 6020	12D1468_P
NWD0178-02 - RE1	TP-50-GW-040312-12	Total	Ground Water	SW846 6020	12D1468_P

Prep Batch: 12D0769_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0769-BLK1	Method Blank	Total	Water	EPA 7470	
12D0769-BS1	Lab Control Sample	Total	Water	EPA 7470	
12D0769-BSD1	Lab Control Sample Dup	Total	Water	EPA 7470	
12D0769-MS1	Matrix Spike	Total	Water	EPA 7470	
12D0769-MSD1	Matrix Spike Duplicate	Total	Water	EPA 7470	
NWD0178-01	TP-16-GW-040312-12	Total	Ground Water	EPA 7470	
NWD0178-02	TP-50-GW-040312-12	Total	Ground Water	EPA 7470	

Prep Batch: 12D1468_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1468-BLK1	Method Blank	Total	Water	EPA 3010A / 6020	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Metals (Continued)

Prep Batch: 12D1468_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1468-BS1	Lab Control Sample	Total	Water	EPA 3010A / 6020	
12D1468-BSD1	Lab Control Sample Dup	Total	Water	EPA 3010A / 6020	
12D1468-MS1	Matrix Spike	Total	Water	EPA 3010A / 6020	
12D1468-MSD1	Matrix Spike Duplicate	Total	Water	EPA 3010A / 6020	
NWD0178-01	TP-16-GW-040312-12	Total	Ground Water	EPA 3010A / 6020	
NWD0178-01 - RE1	TP-16-GW-040312-12	Total	Ground Water	EPA 3010A / 6020	
NWD0178-01 - RE2	TP-16-GW-040312-12	Total	Ground Water	EPA 3010A / 6020	
NWD0178-01 - RE3	TP-16-GW-040312-12	Total	Ground Water	EPA 3010A / 6020	
NWD0178-02	TP-50-GW-040312-12	Total	Ground Water	EPA 3010A / 6020	
NWD0178-02 - RE1	TP-50-GW-040312-12	Total	Ground Water	EPA 3010A / 6020	

WetChem

Analysis Batch: 12D0787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0787-BLK1	Method Blank	Total	Water	SW846 7196A	12D0787_P
12D0787-BS1	Lab Control Sample	Total	Water	SW846 7196A	12D0787_P
12D0787-DUP1	Duplicate	Total	Water	SW846 7196A	12D0787_P
12D0787-MS1	Matrix Spike	Total	Water	SW846 7196A	12D0787_P
12D0787-MSD1	Matrix Spike Duplicate	Total	Water	SW846 7196A	12D0787_P
NWD0178-01	TP-16-GW-040312-12	Total	Ground Water	SW846 7196A	12D0787_P
NWD0178-02	TP-50-GW-040312-12	Total	Ground Water	SW846 7196A	12D0787_P

Analysis Batch: 12D1904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1904-BLK1	Method Blank	Total	Water	SW846 9012B	12D1904_P
12D1904-BS1	Lab Control Sample	Total	Water	SW846 9012B	12D1904_P
12D1904-DUP1	TP-50-GW-040312-12	Total	Water	SW846 9012B	12D1904_P
12D1904-MS1	TP-16-GW-040312-12	Total	Water	SW846 9012B	12D1904_P
12D1904-MSD1	TP-16-GW-040312-12	Total	Water	SW846 9012B	12D1904_P
NWD0178-01	TP-16-GW-040312-12	Total	Ground Water	SW846 9012B	12D1904_P
NWD0178-02	TP-50-GW-040312-12	Total	Ground Water	SW846 9012B	12D1904_P

Prep Batch: 12D0787_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0787-BLK1	Method Blank	Total	Water	NO PREP	
12D0787-BS1	Lab Control Sample	Total	Water	NO PREP	
12D0787-DUP1	Duplicate	Total	Water	NO PREP	
12D0787-MS1	Matrix Spike	Total	Water	NO PREP	
12D0787-MSD1	Matrix Spike Duplicate	Total	Water	NO PREP	
NWD0178-01	TP-16-GW-040312-12	Total	Ground Water	NO PREP	
NWD0178-02	TP-50-GW-040312-12	Total	Ground Water	NO PREP	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

WetChem (Continued)

Prep Batch: 12D1904_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1904-BLK1	Method Blank	Total	Water	NO PREP	
12D1904-BS1	Lab Control Sample	Total	Water	NO PREP	
12D1904-DUP1	TP-50-GW-040312-12	Total	Water	NO PREP	
12D1904-MS1	TP-16-GW-040312-12	Total	Water	NO PREP	
12D1904-MSD1	TP-16-GW-040312-12	Total	Water	NO PREP	
NWD0178-01	TP-16-GW-040312-12	Total	Ground Water	NO PREP	
NWD0178-02	TP-50-GW-040312-12	Total	Ground Water	NO PREP	

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Client Sample ID: TP-16-GW-040312-12

Date Collected: 04/03/12 14:38

Date Received: 04/04/12 08:30

Lab Sample ID: NWD0178-01

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12D1636_P	04/06/12 09:04	EML	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005807	04/06/12 13:01	EML	TAL NSH
Total	Prep	EPA 5030B	RE1	1.00	12D1830_P	04/10/12 05:39	AJF	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	V005866	04/10/12 10:25	AJF	TAL NSH
Total	Prep	EPA 3510C		0.952	12D0113_P	04/04/12 13:40	MWT	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D0113	04/05/12 21:17	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0616_P	04/05/12 16:45	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005581	04/05/12 17:32	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A		94.3	12D0551_P	04/05/12 14:20	MWT	TAL NSH
Total	Analysis	SW846 8082		1.00	V005549	04/06/12 10:35	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12D1468_P	04/07/12 17:13	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	12D1468	04/08/12 00:45	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12D0769_P	04/09/12 06:30	ALJ	TAL NSH
Total	Analysis	SW846 7470A		1.00	12D0769	04/10/12 11:41	ALJ	TAL NSH
Total	Prep	EPA 3010A / 6020	RE1	1.00	12D1468_P	04/07/12 17:13	MET	TAL NSH
Total	Analysis	SW846 6020	RE1	5.00	12D1468	04/12/12 14:00	MET	TAL NSH
Total	Prep	EPA 3010A / 6020	RE2	1.00	12D1468_P	04/07/12 17:13	MET	TAL NSH
Total	Analysis	SW846 6020	RE2	20.0	12D1468	04/12/12 14:11	MET	TAL NSH
Total	Prep	EPA 3010A / 6020	RE3	1.00	12D1468_P	04/07/12 17:13	MET	TAL NSH
Total	Analysis	SW846 6020	RE3	50.0	12D1468	04/12/12 14:22	MET	TAL NSH
Total	Analysis	SW846 7196A		10.0	12D0787	04/05/12 12:43	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D0787_P	04/05/12 12:43	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12D1904_P	04/10/12 18:00	REM	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D1904	04/11/12 09:06	JDJ	TAL NSH

Client Sample ID: TP-50-GW-040312-12

Date Collected: 04/03/12 00:01

Date Received: 04/04/12 08:30

Lab Sample ID: NWD0178-02

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12D1636_P	04/06/12 09:04	EML	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005807	04/06/12 16:57	EML	TAL NSH
Total	Prep	EPA 5030B	RE1	1.00	12D1830_P	04/10/12 05:39	AJF	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	V005866	04/10/12 10:53	AJF	TAL NSH
Total	Prep	EPA 3510C		0.952	12D0113_P	04/04/12 13:40	MWT	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D0113	04/05/12 21:35	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0616_P	04/05/12 16:45	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005581	04/05/12 17:48	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A		94.3	12D0551_P	04/05/12 14:20	MWT	TAL NSH
Total	Analysis	SW846 8082		1.00	V005549	04/06/12 10:57	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12D1468_P	04/07/12 17:13	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	12D1468	04/08/12 00:48	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12D0769_P	04/09/12 06:30	ALJ	TAL NSH
Total	Analysis	SW846 7470A		1.00	12D0769	04/10/12 11:43	ALJ	TAL NSH
Total	Prep	EPA 3010A / 6020	RE1	1.00	12D1468_P	04/07/12 17:13	MET	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Client Sample ID: TP-50-GW-040312-12

Lab Sample ID: NWD0178-02

Date Collected: 04/03/12 00:01

Matrix: Ground Water

Date Received: 04/04/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	SW846 6020	RE1	20.0	12D1468	04/12/12 14:14	MET	TAL NSH
Total	Analysis	SW846 7196A		10.0	12D0787	04/05/12 12:53	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D0787_P	04/05/12 12:53	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12D1904_P	04/10/12 18:00	REM	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D1904	04/11/12 09:09	JDJ	TAL NSH

Client Sample ID: Trip Blank

Lab Sample ID: NWD0178-03

Date Collected: 04/03/12 00:01

Matrix: Water

Date Received: 04/04/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12D1636_P	04/06/12 09:04	EML	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005807	04/06/12 14:19	EML	TAL NSH
Total	Prep	EPA 5030B	RE1	1.00	12D1831_P	04/09/12 10:25	EML	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	V005867	04/09/12 17:17	EML	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Method Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Method	Method Description	Protocol	Laboratory
SW846 8260B	Volatile Organic Compounds by EPA Method 8260B		TAL NSH
SW846 8270C	Semivolatile Organic Compounds by EPA Method 8270C		TAL NSH
SW846 8015B	Glycols by EPA Method 8015 (modified)		TAL NSH
SW846 8082	Polychlorinated Biphenyls by EPA Method 8082		TAL NSH
SW846 6020	Total Metals by Method 6020		TAL NSH
SW846 7470A	Mercury by EPA Methods 7470A/7471A		TAL NSH
SW846 7196A	General Chemistry Parameters		TAL NSH
SW846 9012B	General Chemistry Parameters		TAL NSH

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Certification Summary

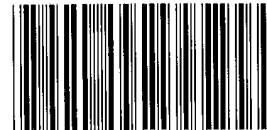
Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0178

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Nashville		ACIL		393
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska (UST)	State Program	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas DEQ	State Program	6	88-0737
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Canadian Assoc Lab Accred (CALA)	Canada		3744
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Florida	NELAC	4	E87358
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Kentucky (UST)	State Program	4	19
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Louisiana	NELAC	6	LA110014
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana (UST)	State Program	8	NA
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina DENR	State Program	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio VAP	State Program	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	USDA	Federal		S-48469
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	NELAC	3	460152
TestAmerica Nashville	Virginia	State Program	3	00323
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia DEP	State Program	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430
TestAmerica Nashville	Wyoming (UST)	A2LA	8	453.07

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

COOLER RECEIPT



Cooler Received/Opened On 4/4/2012 @ 8:30

NWD0178

1. Tracking # 2905 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 12080142

2. Temperature of rep. sample or temp blank when opened: 1.6 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...☒...NO...NA

4. Were custody seals on outside of cooler? YES...☒...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...☒...NO...NA

6. Were custody papers inside cooler? YES...☒...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) lg

7. Were custody seals on containers: YES ☒ NO and Intact YES...☒...NO...NA

Were these signed and dated correctly? YES...☒...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: ☒ Ice ☒ Ice-pack ☒ Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...☒...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...☒...NO...NA

12. Did all container labels and tags agree with custody papers? YES...☒...NO...NA

13a. Were VOA vials received? YES...☒...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...☒...NO...NA

14. Was there a Trip Blank in this cooler? YES...☒...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) lg

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...☒...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...☒...NO...NA

16. Was residual chlorine present? YES...☒...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) lg

17. Were custody papers properly filled out (ink, signed, etc)? YES...☒...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...☒...NO...NA

19. Were correct containers used for the analysis requested? YES...☒...NO...NA

20. Was sufficient amount of sample sent in each container? YES...☒...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) lg

I certify that I attached a label with the unique LIMS number to each container (initial) lg

21. Were there Non-Conformance issues at login? YES...☒...NO... Was a PIPE generated? YES...☒...NO...# 1

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax:(615) 726-3404
!,"Reg District (CA)")

Page 1 of 1

Client: Haley & Aldrich (Lenexa)

Address: 8735 Rosehill Road, Suite 340

City, State, Zip: Lenexa KS 66215-6949

Client Invoice Contact: Accounts Payable

Client Project Mgr: Mariruth Gruis

Client Telephone#: (913) 217-6907

Fax: (913) 217-6957

Sampler Name (Print)

SamplerSignature:

TA Account #: 532031

PO #:

Invoice to: Halev & Aldrich

Report to: Mariruth Gruis

Project Name: Leeds Facility

Facility ID: [none]

Reg District (CA):

Site Address:

City,State,Zip:

NWD0178

Misso 04/13/12 23:59

[illegible]

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments;additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 28973

Relinquished by: <i>John Knapley</i>	Date: <i>4/3/12</i>	Time: <i>1915</i>	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Shipped Via:			Shipped Via:			QC Deliverables (Please Circle One) :		
Received for TestAmerica by: <i>John Knapley</i>			Date: <i>4/4/12</i>	Time: <i>1830</i>	Temperature Upon Receipt: <i>1.6</i>	Sample Containers Intact? Y N	Level 2 Level 3 Level 4 Site Specific	Date Due of Report:
					VOCs Free of Headpace? Y N	(If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)		

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

2960 Foster Creighton Road

Nashville, TN 37204

Tel: 800-765-0980

TestAmerica Job ID: NWD0308

Client Project/Site: [none]

Client Project Description: Leeds Facility

For:

Haley & Aldrich (Lenexa)

8735 Rosehill Road, Suite 340

Lenexa, KS 66215-6949

Attn: Mariruth Gruis

Roxanne L. Connor

Authorized for release by:

4/16/2012 3:20:50 PM

Roxanne Connor

Program Manager - Conventional Accounts

roxanne.connor@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Sample Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
NWD0308-01	TP-16-SS-040312-00	Soil	04/03/12 08:19	04/04/12 08:30
NWD0308-02	TP-16-SO-040312-08	Soil	04/03/12 15:25	04/04/12 08:30
NWD0308-03	TP-16-SO-040312-10	Soil	04/03/12 15:17	04/04/12 08:30
NWD0308-04	TP-17-SS-040312-00	Soil	04/03/12 09:58	04/04/12 08:30
NWD0308-05	TP-17-SO-040312-07	Soil	04/03/12 13:32	04/04/12 08:30
NWD0308-06	TP-17-SO-040312-11	Soil	04/03/12 13:28	04/04/12 08:30
NWD0308-07	Trip Blank	Water	04/03/12 00:01	04/04/12 08:30

Definitions/Glossary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
I	Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
R2	The RPD exceeded the acceptance limit.
L2	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
B	Analyte was detected in the associated Method Blank.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Concentration exceeds the calibration range and therefore result is semi-quantitative.

GCMS Semivolatiles

Qualifier	Qualifier Description
L2	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semivolatiles

Qualifier	Qualifier Description
QP7	The hydrocarbon pattern most closely resembles a motor oil product.

Pesticides

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

Metals

Qualifier	Qualifier Description
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-16-SS-040312-00

Lab Sample ID: NWD0308-01

Date Collected: 04/03/12 08:19

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 81

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0545	0.0273	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Benzene	ND		0.00218	0.00120	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Bromochloromethane	ND		0.00218	0.00131	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Bromodichloromethane	ND		0.00218	0.00109	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Bromoform	ND		0.00218	0.00109	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Bromomethane	ND		0.00218	0.00131	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
2-Butanone	ND		0.0545	0.0273	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Carbon disulfide	ND		0.00545	0.00392	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Carbon Tetrachloride	ND		0.00218	0.00109	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Chlorobenzene	ND		0.00218	0.00120	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Chlorodibromomethane	ND		0.00218	0.00109	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Chloroethane	ND		0.00545	0.00273	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Chloroform	0.00462	B	0.00218	0.00142	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Chloromethane	ND		0.00218	0.00120	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Cyclohexane	ND		0.0109	0.00545	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
1,2-Dibromo-3-chloropropane	ND		0.00545	0.00273	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
1,2-Dibromoethane (EDB)	ND		0.00218	0.00109	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
1,2-Dichlorobenzene	ND		0.00218	0.00109	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
1,3-Dichlorobenzene	ND		0.00218	0.00131	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
1,4-Dichlorobenzene	ND		0.00218	0.00120	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Dichlorodifluoromethane	ND		0.00218	0.00153	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
1,2-Dichloroethane	ND		0.00218	0.00120	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
1,1-Dichloroethane	ND		0.00218	0.00142	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
1,1-Dichloroethene	ND		0.00218	0.00131	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
trans-1,2-Dichloroethene	ND		0.00218	0.00142	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
cis-1,2-Dichloroethene	ND		0.00218	0.00120	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
1,2-Dichloropropane	ND		0.00218	0.00109	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
trans-1,3-Dichloropropene	ND		0.00218	0.00109	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
cis-1,3-Dichloropropene	ND		0.00218	0.00109	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Ethylbenzene	ND		0.00218	0.00120	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
2-Hexanone	ND		0.0545	0.0273	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Isopropylbenzene	ND		0.00218	0.00120	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Methyl Acetate	ND	L	0.0109	0.00545	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Methylcyclohexane	ND		0.0109	0.00545	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Methyl tert-Butyl Ether	ND		0.00218	0.00109	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Methylene Chloride	ND		0.0109	0.00545	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
4-Methyl-2-pentanone	ND		0.0545	0.0273	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
n-Propylbenzene	ND		0.00218	0.00120	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Styrene	ND		0.00218	0.00120	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
1,1,2,2-Tetrachloroethane	ND		0.00218	0.00109	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Tetrachloroethene	ND		0.00218	0.00142	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Tetrahydrofuran	ND		0.0218	0.0109	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Toluene	ND		0.00218	0.00120	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
1,2,4-Trichlorobenzene	ND		0.00218	0.00131	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
1,1,1-Trichloroethane	ND		0.00218	0.00109	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
1,1,2-Trichloroethane	ND		0.00545	0.00273	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Trichloroethene	ND		0.00218	0.00109	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Trichlorofluoromethane	ND		0.00218	0.00109	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Vinyl chloride	ND		0.00218	0.00109	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
Xylenes, total	ND		0.00545	0.00273	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00218	0.00120	mg/kg dry	☼	04/03/12 08:19	04/11/12 15:30	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-16-SS-040312-00

Lab Sample ID: NWD0308-01

Date Collected: 04/03/12 08:19

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 81

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	111		70 - 130	04/03/12 08:19	04/11/12 15:30	1.00
Dibromofluoromethane	99		70 - 130	04/03/12 08:19	04/11/12 15:30	1.00
Toluene-d8	109		70 - 130	04/03/12 08:19	04/11/12 15:30	1.00
4-Bromofluorobenzene	122		70 - 130	04/03/12 08:19	04/11/12 15:30	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0807	0.0410	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Acenaphthylene	ND		0.0807	0.0410	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Acetophenone	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Anthracene	ND		0.0807	0.0410	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Atrazine	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Benzaldehyde	ND	L2	2.01	1.01	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Benzo (a) anthracene	ND		0.0807	0.0410	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Benzo (b) fluoranthene	ND		0.0807	0.0410	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Benzo (a) pyrene	ND		0.0807	0.0410	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Benzo (g,h,i) perylene	ND		0.0807	0.0410	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Benzo (k) fluoranthene	ND		0.0807	0.0410	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Biphenyl	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
4-Bromophenyl phenyl ether	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Butyl benzyl phthalate	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
4-Chloro-3-methylphenol	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
4-Chloroaniline	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Caprolactam	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Carbazole	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
2-Chloronaphthalene	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Bis(2-chloroethoxy)methane	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Bis(2-chloroethyl)ether	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Bis(2-chloroisopropyl)ether	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
2-Chlorophenol	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
4-Chlorophenyl phenyl ether	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Chrysene	ND		0.0807	0.0410	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Dibenz (a,h) anthracene	ND		0.0807	0.0410	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Dibenzofuran	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Di-n-butyl phthalate	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
3,3-Dichlorobenzidine	ND		0.804	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
2,4-Dichlorophenol	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Diethyl phthalate	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
2,4-Dimethylphenol	ND		0.401	0.231	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Dimethyl phthalate	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
4,6-Dinitro-2-methylphenol	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
2,4-Dinitrophenol	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
2,6-Dinitrotoluene	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
2,4-Dinitrotoluene	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Di-n-octyl phthalate	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Bis(2-ethylhexyl)phthalate	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Fluoranthene	ND		0.0807	0.0410	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Fluorene	ND		0.0807	0.0410	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Hexachlorobenzene	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Hexachlorobutadiene	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Hexachlorocyclopentadiene	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Hexachloroethane	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-16-SS-040312-00

Lab Sample ID: NWD0308-01

Date Collected: 04/03/12 08:19

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 81

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		0.0807	0.0410	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Isophorone	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
2-Methylnaphthalene	ND		0.0807	0.0410	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
2-Methylphenol	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Naphthalene	ND		0.0807	0.0410	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
2-Nitroaniline	ND		1.00	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
3-Nitroaniline	ND		1.00	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
4-Nitroaniline	ND		1.00	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Nitrobenzene	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
2-Nitrophenol	ND		0.401	0.236	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
4-Nitrophenol	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
N-Nitrosodiphenylamine	ND		0.401	0.221	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
N-Nitrosodi-n-propylamine	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Pentachlorophenol	ND		1.00	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Phenanthrene	ND		0.0807	0.0410	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Phenol	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
Pyrene	ND		0.0807	0.0410	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
2,4,5-Trichlorophenol	ND		1.00	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00
2,4,6-Trichlorophenol	ND		0.401	0.201	mg/kg dry	☼	04/11/12 10:39	04/11/12 16:57	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	59		17 - 120	04/11/12 10:39	04/11/12 16:57	1.00
Phenol-d5	64		18 - 120	04/11/12 10:39	04/11/12 16:57	1.00
2-Fluorobiphenyl	65		14 - 120	04/11/12 10:39	04/11/12 16:57	1.00
Nitrobenzene-d5	71		17 - 120	04/11/12 10:39	04/11/12 16:57	1.00
Terphenyl-d14	92		18 - 120	04/11/12 10:39	04/11/12 16:57	1.00
2,4,6-Tribromophenol	72		19 - 120	04/11/12 10:39	04/11/12 16:57	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		14.7	7.34	mg/kg dry	☼	04/06/12 16:30	04/06/12 18:45	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	96		60 - 140	04/06/12 16:30	04/06/12 18:45	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0408	0.0257	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:06	1.00
PCB-1221	ND		0.0408	0.0208	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:06	1.00
PCB-1232	ND		0.0408	0.0208	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:06	1.00
PCB-1242	ND		0.0408	0.0318	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:06	1.00
PCB-1248	ND		0.0408	0.0367	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:06	1.00
PCB-1254	ND		0.0408	0.0208	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:06	1.00
PCB-1260	ND		0.0408	0.0343	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:06	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	88		19 - 147	04/05/12 09:00	04/06/12 17:06	1.00
Decachlorobiphenyl	90		20 - 150	04/05/12 09:00	04/06/12 17:06	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.1	6.04	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:05	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-16-SS-040312-00

Lab Sample ID: NWD0308-01

Date Collected: 04/03/12 08:19

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 81

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16.2		1.21	0.604	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:05	1.00
Barium	264		2.41	1.21	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:05	1.00
Beryllium	0.893	J	1.21	0.604	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:05	1.00
Cadmium	ND		1.21	0.604	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:05	1.00
Chromium	23.5		1.21	0.604	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:05	1.00
Cobalt	11.5		3.62	1.81	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:05	1.00
Copper	15.4		2.41	1.21	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:05	1.00
Lead	23.4		1.21	0.604	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:05	1.00
Manganese	381		3.62	1.81	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:05	1.00
Nickel	37.5		2.41	1.21	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:05	1.00
Selenium	ND		2.41	1.21	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:05	1.00
Silver	ND		1.21	0.604	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:05	1.00
Thallium	ND		2.41	1.21	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:05	1.00
Vanadium	27.6		12.1	6.04	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:05	1.00
Zinc	77.7		12.1	6.04	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:05	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.060	mg/kg dry	☼	04/06/12 13:05	04/09/12 13:34	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.47	1.23	mg/kg dry	☼	04/06/12 09:40	04/09/12 10:16	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.47	1.23	mg/kg dry	☼	04/10/12 11:30	04/10/12 17:21	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	81.0		0.500	0.500	%	—	04/07/12 15:56	04/07/12 16:33	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-16-SO-040312-08

Lab Sample ID: NWD0308-02

Date Collected: 04/03/12 15:25

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 72.6

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0435	J	0.0542	0.0271	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Bromochloromethane	ND		0.00217	0.00130	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Bromodichloromethane	ND		0.00217	0.00108	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Bromoform	ND		0.00217	0.00108	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Bromomethane	ND		0.00217	0.00130	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
2-Butanone	ND		0.0542	0.0271	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Carbon disulfide	ND		0.00542	0.00390	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Carbon Tetrachloride	ND		0.00217	0.00108	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Chlorobenzene	ND		0.00217	0.00119	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Chlorodibromomethane	ND		0.00217	0.00108	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Chloroethane	ND		0.00542	0.00271	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Chloroform	0.00421	B	0.00217	0.00141	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Chloromethane	ND		0.00217	0.00119	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Cyclohexane	ND		0.0108	0.00542	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
1,2-Dibromo-3-chloropropane	ND		0.00542	0.00271	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
1,2-Dibromoethane (EDB)	ND		0.00217	0.00108	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
1,2-Dichlorobenzene	ND		0.00217	0.00108	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
1,3-Dichlorobenzene	ND		0.00217	0.00130	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
1,4-Dichlorobenzene	ND		0.00217	0.00119	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Dichlorodifluoromethane	ND		0.00217	0.00152	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
1,2-Dichloroethane	ND		0.00217	0.00119	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
1,1,1-Dichloroethane	ND		0.00217	0.00141	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
1,1-Dichloroethene	ND		0.00217	0.00130	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
trans-1,2-Dichloroethene	ND		0.00217	0.00141	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
cis-1,2-Dichloroethene	ND		0.00217	0.00119	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
1,2-Dichloropropane	ND		0.00217	0.00108	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
trans-1,3-Dichloropropene	ND		0.00217	0.00108	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
cis-1,3-Dichloropropene	ND		0.00217	0.00108	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Ethylbenzene	0.00851		0.00217	0.00119	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
2-Hexanone	ND		0.0542	0.0271	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Isopropylbenzene	0.00267		0.00217	0.00119	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Methyl Acetate	ND	L	0.0108	0.00542	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Methylcyclohexane	0.00950	J	0.0108	0.00542	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Methyl tert-Butyl Ether	ND		0.00217	0.00108	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Methylene Chloride	ND		0.0108	0.00542	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
4-Methyl-2-pentanone	ND		0.0542	0.0271	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
n-Propylbenzene	0.00185	J	0.00217	0.00119	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Styrene	ND		0.00217	0.00119	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
1,1,2,2-Tetrachloroethane	ND		0.00217	0.00108	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Tetrachloroethene	ND		0.00217	0.00141	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Tetrahydrofuran	ND		0.0217	0.0108	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Toluene	0.0287		0.00217	0.00119	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
1,2,4-Trichlorobenzene	ND		0.00217	0.00130	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
1,1,1-Trichloroethane	ND		0.00217	0.00108	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
1,1,2-Trichloroethane	ND		0.00542	0.00271	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Trichloroethene	ND		0.00217	0.00108	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Trichlorofluoromethane	ND		0.00217	0.00108	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Vinyl chloride	ND		0.00217	0.00108	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
Xylenes, total	0.00446	J	0.00542	0.00271	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00217	0.00119	mg/kg dry	☼	04/03/12 15:25	04/11/12 16:00	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-16-SO-040312-08

Lab Sample ID: NWD0308-02

Date Collected: 04/03/12 15:25

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 72.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	115		70 - 130	04/03/12 15:25	04/11/12 16:00	1.00
Dibromofluoromethane	102		70 - 130	04/03/12 15:25	04/11/12 16:00	1.00
Toluene-d8	110		70 - 130	04/03/12 15:25	04/11/12 16:00	1.00
4-Bromofluorobenzene	132	ZX	70 - 130	04/03/12 15:25	04/11/12 16:00	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.204		0.122	0.0672	mg/kg dry	☆	04/03/12 15:25	04/12/12 05:02	50.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	100		70 - 130	04/03/12 15:25	04/12/12 05:02	50.0
Dibromofluoromethane	95		70 - 130	04/03/12 15:25	04/12/12 05:02	50.0
Toluene-d8	108		70 - 130	04/03/12 15:25	04/12/12 05:02	50.0
4-Bromofluorobenzene	127		70 - 130	04/03/12 15:25	04/12/12 05:02	50.0

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0896	0.0455	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Acenaphthylene	ND		0.0896	0.0455	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Acetophenone	ND		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Anthracene	ND		0.0896	0.0455	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Atrazine	ND		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Benzaldehyde	ND	L2	2.23	1.12	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Benzo (a) anthracene	ND		0.0896	0.0455	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Benzo (b) fluoranthene	ND		0.0896	0.0455	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Benzo (a) pyrene	ND		0.0896	0.0455	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Benzo (g,h,i) perylene	ND		0.0896	0.0455	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Benzo (k) fluoranthene	ND		0.0896	0.0455	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Biphenyl	ND		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
4-Bromophenyl phenyl ether	ND		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Butyl benzyl phthalate	2.12		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
4-Chloro-3-methylphenol	ND		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
4-Chloroaniline	ND		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Caprolactam	ND		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Carbazole	ND		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
2-Chloronaphthalene	ND		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Bis(2-chloroethoxy)methane	ND		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Bis(2-chloroethyl)ether	ND		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Bis(2-chloroisopropyl)ether	ND		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
2-Chlorophenol	ND		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
4-Chlorophenyl phenyl ether	ND		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Chrysene	ND		0.0896	0.0455	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Dibenz (a,h) anthracene	ND		0.0896	0.0455	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Dibenzofuran	ND		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Di-n-butyl phthalate	0.729		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
3,3-Dichlorobenzidine	ND		0.892	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
2,4-Dichlorophenol	ND		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Diethyl phthalate	ND		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
2,4-Dimethylphenol	ND		0.445	0.257	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
Dimethyl phthalate	ND		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
4,6-Dinitro-2-methylphenol	ND		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00
2,4-Dinitrophenol	ND		0.445	0.223	mg/kg dry	☆	04/11/12 10:39	04/11/12 17:15	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-16-SO-040312-08

Lab Sample ID: NWD0308-02

Date Collected: 04/03/12 15:25

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 72.6

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		0.445	0.223	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
2,4-Dinitrotoluene	ND		0.445	0.223	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
Di-n-octyl phthalate	ND		0.445	0.223	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
Bis(2-ethylhexyl)phthalate	3.84		0.445	0.223	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
Fluoranthene	ND		0.0896	0.0455	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
Fluorene	ND		0.0896	0.0455	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
Hexachlorobenzene	ND		0.445	0.223	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
Hexachlorobutadiene	ND		0.445	0.223	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
Hexachlorocyclopentadiene	ND		0.445	0.223	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
Hexachloroethane	ND		0.445	0.223	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
Indeno (1,2,3-cd) pyrene	ND		0.0896	0.0455	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
Isophorone	ND		0.445	0.223	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
2-Methylnaphthalene	ND		0.0896	0.0455	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
2-Methylphenol	ND		0.445	0.223	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
Naphthalene	ND		0.0896	0.0455	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
2-Nitroaniline	ND		1.11	0.223	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
3-Nitroaniline	ND		1.11	0.223	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
4-Nitroaniline	ND		1.11	0.223	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
Nitrobenzene	ND		0.445	0.223	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
2-Nitrophenol	ND		0.445	0.262	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
4-Nitrophenol	ND		0.445	0.223	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
N-Nitrosodiphenylamine	ND		0.445	0.245	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
N-Nitrosodi-n-propylamine	ND		0.445	0.223	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
Pentachlorophenol	ND		1.11	0.223	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
Phenanthrene	ND		0.0896	0.0455	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
Phenol	ND		0.445	0.223	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
Pyrene	ND		0.0896	0.0455	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
2,4,5-Trichlorophenol	ND		1.11	0.223	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00
2,4,6-Trichlorophenol	ND		0.445	0.223	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:15	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	56		17 - 120	04/11/12 10:39	04/11/12 17:15	1.00
Phenol-d5	57		18 - 120	04/11/12 10:39	04/11/12 17:15	1.00
2-Fluorobiphenyl	61		14 - 120	04/11/12 10:39	04/11/12 17:15	1.00
Nitrobenzene-d5	54		17 - 120	04/11/12 10:39	04/11/12 17:15	1.00
Terphenyl-d14	70		18 - 120	04/11/12 10:39	04/11/12 17:15	1.00
2,4,6-Tribromophenol	62		19 - 120	04/11/12 10:39	04/11/12 17:15	1.00

Method: TPH-D/Finger - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10 - C40	55.3	QP7	5.49	5.49	mg/kg dry	☼	04/06/12 15:00	04/10/12 12:50	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	104		50 - 150	04/06/12 15:00	04/10/12 12:50	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		17.6	8.78	mg/kg dry	☼	04/06/12 16:30	04/06/12 19:00	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	111		60 - 140	04/06/12 16:30	04/06/12 19:00	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-16-SO-040312-08

Lab Sample ID: NWD0308-02

Date Collected: 04/03/12 15:25

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 72.6

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0450	0.0284	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:27	1.00
PCB-1221	ND		0.0450	0.0230	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:27	1.00
PCB-1232	ND		0.0450	0.0230	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:27	1.00
PCB-1242	ND		0.0450	0.0352	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:27	1.00
PCB-1248	ND		0.0450	0.0406	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:27	1.00
PCB-1254	ND		0.0450	0.0230	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:27	1.00
PCB-1260	ND		0.0450	0.0379	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:27	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	90		19 - 147	04/05/12 09:00	04/06/12 17:27	1.00
Decachlorobiphenyl	114		20 - 150	04/05/12 09:00	04/06/12 17:27	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4190		133	66.4	mg/kg dry	☼	04/10/12 11:54	04/11/12 10:22	10.0
Arsenic	963		13.3	6.64	mg/kg dry	☼	04/10/12 11:54	04/11/12 10:22	10.0
Barium	10600		26.6	13.3	mg/kg dry	☼	04/10/12 11:54	04/11/12 10:22	10.0
Beryllium	ND		13.3	6.64	mg/kg dry	☼	04/10/12 11:54	04/11/12 10:22	10.0
Cadmium	38.2		13.3	6.64	mg/kg dry	☼	04/10/12 11:54	04/11/12 10:22	10.0
Chromium	686		13.3	6.64	mg/kg dry	☼	04/10/12 11:54	04/11/12 10:22	10.0
Cobalt	22.6 J		39.8	19.9	mg/kg dry	☼	04/10/12 11:54	04/11/12 10:22	10.0
Copper	1000		26.6	13.3	mg/kg dry	☼	04/10/12 11:54	04/11/12 10:22	10.0
Lead	107000		13.3	6.64	mg/kg dry	☼	04/10/12 11:54	04/11/12 10:22	10.0
Manganese	1650		39.8	19.9	mg/kg dry	☼	04/10/12 11:54	04/11/12 10:22	10.0
Nickel	150		26.6	13.3	mg/kg dry	☼	04/10/12 11:54	04/11/12 10:22	10.0
Selenium	ND		26.6	13.3	mg/kg dry	☼	04/10/12 11:54	04/11/12 10:22	10.0
Silver	13.5		13.3	6.64	mg/kg dry	☼	04/10/12 11:54	04/11/12 10:22	10.0
Thallium	ND		26.6	13.3	mg/kg dry	☼	04/10/12 11:54	04/11/12 10:22	10.0
Vanadium	ND		133	66.4	mg/kg dry	☼	04/10/12 11:54	04/11/12 10:22	10.0
Zinc	4420		133	66.4	mg/kg dry	☼	04/10/12 11:54	04/11/12 10:22	10.0

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.066	mg/kg dry	☼	04/06/12 13:05	04/09/12 13:36	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.76	1.38	mg/kg dry	☼	04/06/12 09:40	04/09/12 10:16	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.76	1.38	mg/kg dry	☼	04/10/12 11:30	04/10/12 17:26	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	72.6		0.500	0.500	%	—	04/07/12 15:56	04/07/12 16:33	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-16-SO-040312-10

Lab Sample ID: NWD0308-03

Date Collected: 04/03/12 15:17

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 71.4

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0960		0.0684	0.0342	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Benzene	0.00978		0.00273	0.00150	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Bromochloromethane	ND		0.00273	0.00164	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Bromodichloromethane	ND		0.00273	0.00137	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Bromoform	ND		0.00273	0.00137	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Bromomethane	ND		0.00273	0.00164	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
2-Butanone	ND		0.0684	0.0342	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Carbon disulfide	ND		0.00684	0.00492	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Carbon Tetrachloride	ND		0.00273	0.00137	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Chlorobenzene	ND		0.00273	0.00150	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Chlorodibromomethane	ND		0.00273	0.00137	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Chloroethane	ND		0.00684	0.00342	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Chloroform	0.00546	B	0.00273	0.00178	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Chloromethane	ND		0.00273	0.00150	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Cyclohexane	ND		0.0137	0.00684	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
1,2-Dibromo-3-chloropropane	ND		0.00684	0.00342	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
1,2-Dibromoethane (EDB)	ND		0.00273	0.00137	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
1,2-Dichlorobenzene	ND		0.00273	0.00137	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
1,3-Dichlorobenzene	ND		0.00273	0.00164	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
1,4-Dichlorobenzene	ND		0.00273	0.00150	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Dichlorodifluoromethane	ND		0.00273	0.00191	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
1,2-Dichloroethane	ND		0.00273	0.00150	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
1,1-Dichloroethane	ND		0.00273	0.00178	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
1,1-Dichloroethene	ND		0.00273	0.00164	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
trans-1,2-Dichloroethene	ND		0.00273	0.00178	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
cis-1,2-Dichloroethene	ND		0.00273	0.00150	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
1,2-Dichloropropane	ND		0.00273	0.00137	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
trans-1,3-Dichloropropene	ND		0.00273	0.00137	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
cis-1,3-Dichloropropene	ND		0.00273	0.00137	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Ethylbenzene	ND		0.00273	0.00150	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
2-Hexanone	ND		0.0684	0.0342	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Isopropylbenzene	ND		0.00273	0.00150	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Methyl Acetate	ND	L	0.0137	0.00684	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Methylcyclohexane	0.0195		0.0137	0.00684	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Methyl tert-Butyl Ether	ND		0.00273	0.00137	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Methylene Chloride	ND		0.0137	0.00684	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
4-Methyl-2-pentanone	ND		0.0684	0.0342	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
n-Propylbenzene	ND		0.00273	0.00150	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Styrene	ND		0.00273	0.00150	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
1,1,2,2-Tetrachloroethane	ND		0.00273	0.00137	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Tetrachloroethene	ND		0.00273	0.00178	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Tetrahydrofuran	ND		0.0273	0.0137	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Toluene	0.00450		0.00273	0.00150	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
1,2,4-Trichlorobenzene	ND		0.00273	0.00164	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
1,1,1-Trichloroethane	ND		0.00273	0.00137	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
1,1,2-Trichloroethane	ND		0.00684	0.00342	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Trichloroethene	ND		0.00273	0.00137	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Trichlorofluoromethane	ND		0.00273	0.00137	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Vinyl chloride	ND		0.00273	0.00137	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
Xylenes, total	ND		0.00684	0.00342	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00273	0.00150	mg/kg dry	☼	04/03/12 15:17	04/11/12 16:31	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-16-SO-040312-10

Lab Sample ID: NWD0308-03

Date Collected: 04/03/12 15:17

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 71.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	114		70 - 130	04/03/12 15:17	04/11/12 16:31	1.00
Dibromofluoromethane	101		70 - 130	04/03/12 15:17	04/11/12 16:31	1.00
Toluene-d8	105		70 - 130	04/03/12 15:17	04/11/12 16:31	1.00
4-Bromofluorobenzene	141	ZX	70 - 130	04/03/12 15:17	04/11/12 16:31	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.154		0.0908	0.0461	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Acenaphthylene	ND		0.0908	0.0461	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Acetophenone	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Anthracene	0.357		0.0908	0.0461	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Atrazine	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Benzaldehyde	ND	L2	2.26	1.13	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Benzo (a) anthracene	0.794		0.0908	0.0461	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Benzo (b) fluoranthene	0.810		0.0908	0.0461	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Benzo (a) pyrene	0.772		0.0908	0.0461	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Benzo (g,h,i) perylene	0.425		0.0908	0.0461	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Benzo (k) fluoranthene	0.446		0.0908	0.0461	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Biphenyl	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
4-Bromophenyl phenyl ether	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Butyl benzyl phthalate	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
4-Chloro-3-methylphenol	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
4-Chloroaniline	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Caprolactam	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Carbazole	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
2-Chloronaphthalene	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Bis(2-chloroethoxy)methane	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Bis(2-chloroethyl)ether	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Bis(2-chloroisopropyl)ether	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
2-Chlorophenol	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
4-Chlorophenyl phenyl ether	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Chrysene	0.790		0.0908	0.0461	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Dibenz (a,h) anthracene	0.204		0.0908	0.0461	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Dibenzofuran	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Di-n-butyl phthalate	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
3,3-Dichlorobenzidine	ND		0.904	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
2,4-Dichlorophenol	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Diethyl phthalate	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
2,4-Dimethylphenol	ND		0.451	0.260	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Dimethyl phthalate	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
4,6-Dinitro-2-methylphenol	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
2,4-Dinitrophenol	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
2,6-Dinitrotoluene	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
2,4-Dinitrotoluene	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Di-n-octyl phthalate	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Bis(2-ethylhexyl)phthalate	0.468		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Fluoranthene	1.94		0.0908	0.0461	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Fluorene	0.150		0.0908	0.0461	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Hexachlorobenzene	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Hexachlorobutadiene	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Hexachlorocyclopentadiene	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Hexachloroethane	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-16-SO-040312-10

Lab Sample ID: NWD0308-03

Date Collected: 04/03/12 15:17

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 71.4

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	0.377		0.0908	0.0461	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Isophorone	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
2-Methylnaphthalene	ND		0.0908	0.0461	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
2-Methylphenol	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Naphthalene	ND		0.0908	0.0461	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
2-Nitroaniline	ND		1.13	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
3-Nitroaniline	ND		1.13	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
4-Nitroaniline	ND		1.13	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Nitrobenzene	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
2-Nitrophenol	ND		0.451	0.266	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
4-Nitrophenol	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
N-Nitrosodiphenylamine	ND		0.451	0.248	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
N-Nitrosodi-n-propylamine	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Pentachlorophenol	ND		1.13	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Phenanthrene	1.10		0.0908	0.0461	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Phenol	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
Pyrene	1.53		0.0908	0.0461	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
2,4,5-Trichlorophenol	ND		1.13	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00
2,4,6-Trichlorophenol	ND		0.451	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:33	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	60		17 - 120	04/11/12 10:39	04/11/12 17:33	1.00
Phenol-d5	63		18 - 120	04/11/12 10:39	04/11/12 17:33	1.00
2-Fluorobiphenyl	68		14 - 120	04/11/12 10:39	04/11/12 17:33	1.00
Nitrobenzene-d5	55		17 - 120	04/11/12 10:39	04/11/12 17:33	1.00
Terphenyl-d14	76		18 - 120	04/11/12 10:39	04/11/12 17:33	1.00
2,4,6-Tribromophenol	65		19 - 120	04/11/12 10:39	04/11/12 17:33	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		18.0	9.00	mg/kg dry	☼	04/06/12 16:30	04/06/12 19:15	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	94		60 - 140	04/06/12 16:30	04/06/12 19:15	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0458	0.0289	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:49	1.00
PCB-1221	ND		0.0458	0.0234	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:49	1.00
PCB-1232	ND		0.0458	0.0234	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:49	1.00
PCB-1242	ND		0.0458	0.0358	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:49	1.00
PCB-1248	ND		0.0458	0.0413	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:49	1.00
PCB-1254	ND		0.0458	0.0234	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:49	1.00
PCB-1260	0.0385	J	0.0458	0.0385	mg/kg dry	☼	04/05/12 09:00	04/06/12 17:49	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	86		19 - 147	04/05/12 09:00	04/06/12 17:49	1.00
Decachlorobiphenyl	94		20 - 150	04/05/12 09:00	04/06/12 17:49	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.663		0.0700	0.0350	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:11	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-16-SO-040312-10

Lab Sample ID: NWD0308-03

Date Collected: 04/03/12 15:17

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 71.4

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0988		0.00700	0.00350	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:11	1.00
Barium	3.81		0.0140	0.00700	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:11	1.00
Beryllium	ND		0.00700	0.00350	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:11	1.00
Cadmium	0.109		0.00700	0.00350	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:11	1.00
Chromium	2.38		0.00700	0.00350	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:11	1.00
Cobalt	0.430		0.0210	0.0105	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:11	1.00
Copper	0.736		0.0140	0.00700	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:11	1.00
Lead	14.1		0.00700	0.00350	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:11	1.00
Manganese	3.17		0.0210	0.0105	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:11	1.00
Nickel	5.92		0.0140	0.00700	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:11	1.00
Selenium	0.00700	J	0.0140	0.00700	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:11	1.00
Silver	0.00868		0.00700	0.00350	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:11	1.00
Thallium	ND		0.0140	0.00700	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:11	1.00
Vanadium	0.0984		0.0700	0.0350	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:11	1.00
Zinc	8.24		0.700	0.350	mg/kg dry	☼	04/10/12 11:54	04/11/12 10:28	10.0

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.14	0.068	mg/kg dry	☼	04/06/12 13:05	04/09/12 13:38	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.80	1.40	mg/kg dry	☼	04/06/12 09:40	04/09/12 10:16	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.80	1.40	mg/kg dry	☼	04/10/12 11:30	04/10/12 17:24	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	71.4		0.500	0.500	%	—	04/07/12 15:56	04/07/12 16:33	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-17-SS-040312-00

Lab Sample ID: NWD0308-04

Date Collected: 04/03/12 09:58

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 84.3

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.133		0.0483	0.0241	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Benzene	0.00899		0.00193	0.00106	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Bromochloromethane	ND		0.00193	0.00116	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Bromodichloromethane	ND		0.00193	0.000966	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Bromoform	ND		0.00193	0.000966	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Bromomethane	ND		0.00193	0.00116	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
2-Butanone	ND		0.0483	0.0241	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Carbon disulfide	ND		0.00483	0.00348	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Carbon Tetrachloride	ND		0.00193	0.000966	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Chlorobenzene	ND		0.00193	0.00106	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Chlorodibromomethane	ND		0.00193	0.000966	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Chloroethane	ND		0.00483	0.00241	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Chloroform	0.00358	B	0.00193	0.00126	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Chloromethane	ND		0.00193	0.00106	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Cyclohexane	0.00836	J	0.00966	0.00483	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
1,2-Dibromo-3-chloropropane	ND		0.00483	0.00241	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
1,2-Dibromoethane (EDB)	ND		0.00193	0.000966	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
1,2-Dichlorobenzene	ND		0.00193	0.000966	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
1,3-Dichlorobenzene	ND		0.00193	0.00116	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
1,4-Dichlorobenzene	ND		0.00193	0.00106	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Dichlorodifluoromethane	ND		0.00193	0.00135	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
1,2-Dichloroethane	ND		0.00193	0.00106	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
1,1-Dichloroethane	ND		0.00193	0.00126	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
1,1-Dichloroethene	ND		0.00193	0.00116	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
trans-1,2-Dichloroethene	ND		0.00193	0.00126	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
cis-1,2-Dichloroethene	ND		0.00193	0.00106	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
1,2-Dichloropropane	ND		0.00193	0.000966	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
trans-1,3-Dichloropropene	ND		0.00193	0.000966	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
cis-1,3-Dichloropropene	ND		0.00193	0.000966	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Ethylbenzene	0.00666		0.00193	0.00106	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
2-Hexanone	ND		0.0483	0.0241	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Isopropylbenzene	0.00284		0.00193	0.00106	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Methyl Acetate	ND	L	0.00966	0.00483	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Methylcyclohexane	0.0254		0.00966	0.00483	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Methyl tert-Butyl Ether	ND		0.00193	0.000966	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Methylene Chloride	ND		0.00966	0.00483	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
4-Methyl-2-pentanone	ND		0.0483	0.0241	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
n-Propylbenzene	0.00352		0.00193	0.00106	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Styrene	ND		0.00193	0.00106	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
1,1,2,2-Tetrachloroethane	ND		0.00193	0.000966	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Tetrachloroethene	ND		0.00193	0.00126	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Tetrahydrofuran	ND		0.0193	0.00966	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Toluene	0.00269		0.00193	0.00106	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
1,2,4-Trichlorobenzene	ND		0.00193	0.00116	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
1,1,1-Trichloroethane	ND		0.00193	0.000966	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
1,1,2-Trichloroethane	ND		0.00483	0.00241	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Trichloroethene	ND		0.00193	0.000966	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Trichlorofluoromethane	ND		0.00193	0.000966	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Vinyl chloride	ND		0.00193	0.000966	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
Xylenes, total	0.00255	J	0.00483	0.00241	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00193	0.00106	mg/kg dry	☼	04/03/12 09:58	04/11/12 17:02	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-17-SS-040312-00

Lab Sample ID: NWD0308-04

Date Collected: 04/03/12 09:58

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 84.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	118		70 - 130	04/03/12 09:58	04/11/12 17:02	1.00
Dibromofluoromethane	103		70 - 130	04/03/12 09:58	04/11/12 17:02	1.00
Toluene-d8	112		70 - 130	04/03/12 09:58	04/11/12 17:02	1.00
4-Bromofluorobenzene	135	ZX	70 - 130	04/03/12 09:58	04/11/12 17:02	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0772	0.0392	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Acenaphthylene	ND		0.0772	0.0392	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Acetophenone	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Anthracene	0.0576	J	0.0772	0.0392	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Atrazine	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Benzaldehyde	ND	L2	1.92	0.962	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Benzo (a) anthracene	0.265		0.0772	0.0392	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Benzo (b) fluoranthene	0.295		0.0772	0.0392	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Benzo (a) pyrene	0.263		0.0772	0.0392	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Benzo (g,h,i) perylene	0.158		0.0772	0.0392	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Benzo (k) fluoranthene	0.164		0.0772	0.0392	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Biphenyl	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
4-Bromophenyl phenyl ether	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Butyl benzyl phthalate	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
4-Chloro-3-methylphenol	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
4-Chloroaniline	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Caprolactam	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Carbazole	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
2-Chloronaphthalene	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Bis(2-chloroethoxy)methane	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Bis(2-chloroethyl)ether	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Bis(2-chloroisopropyl)ether	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
2-Chlorophenol	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
4-Chlorophenyl phenyl ether	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Chrysene	0.262		0.0772	0.0392	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Dibenz (a,h) anthracene	0.0753	J	0.0772	0.0392	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Dibenzofuran	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Di-n-butyl phthalate	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
3,3-Dichlorobenzidine	ND		0.768	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
2,4-Dichlorophenol	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Diethyl phthalate	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
2,4-Dimethylphenol	ND		0.384	0.221	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Dimethyl phthalate	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
4,6-Dinitro-2-methylphenol	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
2,4-Dinitrophenol	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
2,6-Dinitrotoluene	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
2,4-Dinitrotoluene	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Di-n-octyl phthalate	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Bis(2-ethylhexyl)phthalate	0.250	J	0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Fluoranthene	0.417		0.0772	0.0392	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Fluorene	ND		0.0772	0.0392	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Hexachlorobenzene	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Hexachlorobutadiene	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Hexachlorocyclopentadiene	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Hexachloroethane	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-17-SS-040312-00

Lab Sample ID: NWD0308-04

Date Collected: 04/03/12 09:58

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 84.3

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	0.143		0.0772	0.0392	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Isophorone	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
2-Methylnaphthalene	ND		0.0772	0.0392	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
2-Methylphenol	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Naphthalene	ND		0.0772	0.0392	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
2-Nitroaniline	ND		0.960	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
3-Nitroaniline	ND		0.960	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
4-Nitroaniline	ND		0.960	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Nitrobenzene	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
2-Nitrophenol	ND		0.384	0.226	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
4-Nitrophenol	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
N-Nitrosodiphenylamine	ND		0.384	0.211	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
N-Nitrosodi-n-propylamine	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Pentachlorophenol	ND		0.960	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Phenanthrene	0.159		0.0772	0.0392	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Phenol	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
Pyrene	0.355		0.0772	0.0392	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
2,4,5-Trichlorophenol	ND		0.960	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00
2,4,6-Trichlorophenol	ND		0.384	0.192	mg/kg dry	☼	04/11/12 10:39	04/11/12 17:51	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	58		17 - 120	04/11/12 10:39	04/11/12 17:51	1.00
Phenol-d5	61		18 - 120	04/11/12 10:39	04/11/12 17:51	1.00
2-Fluorobiphenyl	63		14 - 120	04/11/12 10:39	04/11/12 17:51	1.00
Nitrobenzene-d5	60		17 - 120	04/11/12 10:39	04/11/12 17:51	1.00
Terphenyl-d14	79		18 - 120	04/11/12 10:39	04/11/12 17:51	1.00
2,4,6-Tribromophenol	68		19 - 120	04/11/12 10:39	04/11/12 17:51	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		13.7	6.86	mg/kg dry	☼	04/06/12 16:30	04/06/12 19:31	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	48	ZX	60 - 140	04/06/12 16:30	04/06/12 19:31	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0388	0.0245	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:10	1.00
PCB-1221	ND		0.0388	0.0198	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:10	1.00
PCB-1232	ND		0.0388	0.0198	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:10	1.00
PCB-1242	ND		0.0388	0.0303	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:10	1.00
PCB-1248	ND		0.0388	0.0349	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:10	1.00
PCB-1254	ND		0.0388	0.0198	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:10	1.00
PCB-1260	0.0342	J	0.0388	0.0326	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:10	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	82		19 - 147	04/05/12 09:00	04/06/12 18:10	1.00
Decachlorobiphenyl	96		20 - 150	04/05/12 09:00	04/06/12 18:10	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	10.3	J	11.5	5.74	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:14	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-17-SS-040312-00

Lab Sample ID: NWD0308-04

Date Collected: 04/03/12 09:58

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 84.3

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14.4		1.15	0.574	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:14	1.00
Barium	322		2.29	1.15	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:14	1.00
Beryllium	0.757	J	1.15	0.574	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:14	1.00
Cadmium	4.34		1.15	0.574	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:14	1.00
Chromium	37.8		1.15	0.574	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:14	1.00
Cobalt	9.89		3.44	1.72	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:14	1.00
Copper	34.7		2.29	1.15	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:14	1.00
Lead	251		1.15	0.574	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:14	1.00
Manganese	424		3.44	1.72	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:14	1.00
Nickel	38.3		2.29	1.15	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:14	1.00
Selenium	2.68		2.29	1.15	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:14	1.00
Silver	ND		1.15	0.574	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:14	1.00
Thallium	ND		2.29	1.15	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:14	1.00
Vanadium	32.6		11.5	5.74	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:14	1.00
Zinc	226		11.5	5.74	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:14	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.062	J	0.12	0.059	mg/kg dry	☼	04/06/12 13:05	04/09/12 13:40	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.37	1.19	mg/kg dry	☼	04/06/12 09:40	04/09/12 10:16	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.37	1.19	mg/kg dry	☼	04/10/12 11:30	04/10/12 17:28	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	84.3		0.500	0.500	%	—	04/07/12 15:56	04/07/12 16:33	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-17-SO-040312-07

Lab Sample ID: NWD0308-05

Date Collected: 04/03/12 13:32

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 77.9

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0395	J	0.0510	0.0255	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Benzene	0.0193		0.00204	0.00112	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Bromochloromethane	ND		0.00204	0.00122	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Bromodichloromethane	ND		0.00204	0.00102	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Bromoform	ND		0.00204	0.00102	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Bromomethane	ND		0.00204	0.00122	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
2-Butanone	ND		0.0510	0.0255	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Carbon disulfide	0.00653		0.00510	0.00367	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Carbon Tetrachloride	ND		0.00204	0.00102	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Chlorobenzene	ND		0.00204	0.00112	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Chlorodibromomethane	ND		0.00204	0.00102	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Chloroethane	ND		0.00510	0.00255	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Chloroform	ND		0.00204	0.00133	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Chloromethane	ND		0.00204	0.00112	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Cyclohexane	0.0241		0.0102	0.00510	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
1,2-Dibromo-3-chloropropane	ND		0.00510	0.00255	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
1,2-Dibromoethane (EDB)	ND		0.00204	0.00102	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
1,2-Dichlorobenzene	ND		0.00204	0.00102	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
1,3-Dichlorobenzene	ND		0.00204	0.00122	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
1,4-Dichlorobenzene	ND		0.00204	0.00112	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Dichlorodifluoromethane	ND		0.00204	0.00143	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
1,2-Dichloroethane	ND		0.00204	0.00112	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
1,1-Dichloroethane	ND		0.00204	0.00133	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
1,1-Dichloroethene	ND		0.00204	0.00122	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
trans-1,2-Dichloroethene	ND		0.00204	0.00133	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
cis-1,2-Dichloroethene	ND		0.00204	0.00112	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
1,2-Dichloropropane	ND		0.00204	0.00102	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
trans-1,3-Dichloropropene	ND		0.00204	0.00102	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
cis-1,3-Dichloropropene	ND		0.00204	0.00102	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Ethylbenzene	0.136		0.00204	0.00112	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
2-Hexanone	ND		0.0510	0.0255	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Isopropylbenzene	0.0230		0.00204	0.00112	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Methyl Acetate	ND	L	0.0102	0.00510	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Methylcyclohexane	0.113		0.0102	0.00510	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Methyl tert-Butyl Ether	ND		0.00204	0.00102	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Methylene Chloride	ND		0.0102	0.00510	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
4-Methyl-2-pentanone	ND		0.0510	0.0255	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
n-Propylbenzene	0.0825		0.00204	0.00112	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Styrene	ND		0.00204	0.00112	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
1,1,2,2-Tetrachloroethane	ND		0.00204	0.00102	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Tetrachloroethene	ND		0.00204	0.00133	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Tetrahydrofuran	ND		0.0204	0.0102	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Toluene	0.141		0.00204	0.00112	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
1,2,4-Trichlorobenzene	ND		0.00204	0.00122	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
1,1,1-Trichloroethane	ND		0.00204	0.00102	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
1,1,2-Trichloroethane	ND		0.00510	0.00255	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Trichloroethene	ND		0.00204	0.00102	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Trichlorofluoromethane	ND		0.00204	0.00102	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Vinyl chloride	ND		0.00204	0.00102	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
Xylenes, total	1.19	E	0.00510	0.00255	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00204	0.00112	mg/kg dry	☆	04/03/12 13:32	04/11/12 17:32	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-17-SO-040312-07

Lab Sample ID: NWD0308-05

Date Collected: 04/03/12 13:32

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 77.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	111		70 - 130	04/03/12 13:32	04/11/12 17:32	1.00
Dibromofluoromethane	101		70 - 130	04/03/12 13:32	04/11/12 17:32	1.00
Toluene-d8	112		70 - 130	04/03/12 13:32	04/11/12 17:32	1.00
4-Bromofluorobenzene	127		70 - 130	04/03/12 13:32	04/11/12 17:32	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0855	0.0434	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Acenaphthylene	ND		0.0855	0.0434	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Acetophenone	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Anthracene	ND		0.0855	0.0434	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Atrazine	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Benzaldehyde	ND	L2	2.13	1.07	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Benzo (a) anthracene	ND		0.0855	0.0434	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Benzo (b) fluoranthene	ND		0.0855	0.0434	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Benzo (a) pyrene	ND		0.0855	0.0434	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Benzo (g,h,i) perylene	ND		0.0855	0.0434	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Benzo (k) fluoranthene	ND		0.0855	0.0434	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Biphenyl	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
4-Bromophenyl phenyl ether	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Butyl benzyl phthalate	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
4-Chloro-3-methylphenol	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
4-Chloroaniline	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Caprolactam	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Carbazole	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
2-Chloronaphthalene	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Bis(2-chloroethoxy)methane	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Bis(2-chloroethyl)ether	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Bis(2-chloroisopropyl)ether	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
2-Chlorophenol	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
4-Chlorophenyl phenyl ether	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Chrysene	ND		0.0855	0.0434	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Dibenz (a,h) anthracene	ND		0.0855	0.0434	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Dibenzofuran	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Di-n-butyl phthalate	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
3,3-Dichlorobenzidine	ND		0.852	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
2,4-Dichlorophenol	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Diethyl phthalate	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
2,4-Dimethylphenol	ND		0.425	0.245	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Dimethyl phthalate	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
4,6-Dinitro-2-methylphenol	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
2,4-Dinitrophenol	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
2,6-Dinitrotoluene	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
2,4-Dinitrotoluene	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Di-n-octyl phthalate	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Bis(2-ethylhexyl)phthalate	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Fluoranthene	ND		0.0855	0.0434	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Fluorene	ND		0.0855	0.0434	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Hexachlorobenzene	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Hexachlorobutadiene	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Hexachlorocyclopentadiene	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Hexachloroethane	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-17-SO-040312-07

Lab Sample ID: NWD0308-05

Date Collected: 04/03/12 13:32

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 77.9

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		0.0855	0.0434	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Isophorone	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
2-Methylnaphthalene	ND		0.0855	0.0434	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
2-Methylphenol	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Naphthalene	ND		0.0855	0.0434	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
2-Nitroaniline	ND		1.06	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
3-Nitroaniline	ND		1.06	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
4-Nitroaniline	ND		1.06	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Nitrobenzene	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
2-Nitrophenol	ND		0.425	0.250	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
4-Nitrophenol	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
N-Nitrosodiphenylamine	ND		0.425	0.234	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
N-Nitrosodi-n-propylamine	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Pentachlorophenol	ND		1.06	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Phenanthrene	ND		0.0855	0.0434	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Phenol	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
Pyrene	ND		0.0855	0.0434	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
2,4,5-Trichlorophenol	ND		1.06	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00
2,4,6-Trichlorophenol	ND		0.425	0.213	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:09	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	61		17 - 120	04/11/12 10:39	04/11/12 18:09	1.00
Phenol-d5	62		18 - 120	04/11/12 10:39	04/11/12 18:09	1.00
2-Fluorobiphenyl	73		14 - 120	04/11/12 10:39	04/11/12 18:09	1.00
Nitrobenzene-d5	61		17 - 120	04/11/12 10:39	04/11/12 18:09	1.00
Terphenyl-d14	87		18 - 120	04/11/12 10:39	04/11/12 18:09	1.00
2,4,6-Tribromophenol	72		19 - 120	04/11/12 10:39	04/11/12 18:09	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		15.7	7.84	mg/kg dry	☼	04/06/12 16:30	04/06/12 19:46	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	93		60 - 140	04/06/12 16:30	04/06/12 19:46	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0426	0.0269	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:32	1.00
PCB-1221	ND		0.0426	0.0217	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:32	1.00
PCB-1232	ND		0.0426	0.0217	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:32	1.00
PCB-1242	ND		0.0426	0.0333	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:32	1.00
PCB-1248	ND		0.0426	0.0384	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:32	1.00
PCB-1254	ND		0.0426	0.0217	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:32	1.00
PCB-1260	ND		0.0426	0.0358	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:32	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	94		19 - 147	04/05/12 09:00	04/06/12 18:32	1.00
Decachlorobiphenyl	90		20 - 150	04/05/12 09:00	04/06/12 18:32	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.8	6.41	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:17	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-17-SO-040312-07

Lab Sample ID: NWD0308-05

Date Collected: 04/03/12 13:32

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 77.9

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.56		1.28	0.641	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:17	1.00
Barium	286		2.56	1.28	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:17	1.00
Beryllium	1.20	J	1.28	0.641	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:17	1.00
Cadmium	ND		1.28	0.641	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:17	1.00
Chromium	38.4		1.28	0.641	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:17	1.00
Cobalt	12.7		3.84	1.92	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:17	1.00
Copper	24.4		2.56	1.28	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:17	1.00
Lead	45.2		1.28	0.641	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:17	1.00
Manganese	497		3.84	1.92	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:17	1.00
Nickel	48.1		2.56	1.28	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:17	1.00
Selenium	2.56		2.56	1.28	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:17	1.00
Silver	ND		1.28	0.641	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:17	1.00
Thallium	ND		2.56	1.28	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:17	1.00
Vanadium	34.5		12.8	6.41	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:17	1.00
Zinc	74.2		12.8	6.41	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:17	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.062	mg/kg dry	☼	04/06/12 13:05	04/09/12 13:42	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.57	1.28	mg/kg dry	☼	04/06/12 09:40	04/09/12 10:16	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.57	1.28	mg/kg dry	☼	04/10/12 11:30	04/10/12 17:28	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	77.9		0.500	0.500	%	—	04/07/12 15:56	04/07/12 16:33	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-17-SO-040312-11

Lab Sample ID: NWD0308-06

Date Collected: 04/03/12 13:28

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 79.3

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.135		0.0506	0.0253	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Bromochloromethane	ND		0.00202	0.00121	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Bromodichloromethane	ND		0.00202	0.00101	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Bromoform	ND		0.00202	0.00101	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Bromomethane	ND		0.00202	0.00121	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
2-Butanone	ND		0.0506	0.0253	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Carbon disulfide	ND		0.00506	0.00364	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Carbon Tetrachloride	ND		0.00202	0.00101	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Chlorobenzene	ND		0.00202	0.00111	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Chlorodibromomethane	ND		0.00202	0.00101	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Chloroethane	ND		0.00506	0.00253	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Chloroform	ND		0.00202	0.00132	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Chloromethane	ND		0.00202	0.00111	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
1,2-Dibromo-3-chloropropane	ND		0.00506	0.00253	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
1,2-Dibromoethane (EDB)	ND		0.00202	0.00101	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
1,2-Dichlorobenzene	ND		0.00202	0.00101	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
1,3-Dichlorobenzene	ND		0.00202	0.00121	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
1,4-Dichlorobenzene	ND		0.00202	0.00111	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Dichlorodifluoromethane	ND		0.00202	0.00142	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
1,2-Dichloroethane	ND		0.00202	0.00111	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
1,1-Dichloroethane	ND		0.00202	0.00132	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
1,1-Dichloroethene	ND		0.00202	0.00121	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
trans-1,2-Dichloroethene	ND		0.00202	0.00132	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
cis-1,2-Dichloroethene	ND		0.00202	0.00111	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
1,2-Dichloropropane	ND		0.00202	0.00101	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
trans-1,3-Dichloropropene	ND		0.00202	0.00101	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
cis-1,3-Dichloropropene	ND		0.00202	0.00101	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
2-Hexanone	ND		0.0506	0.0253	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Methyl Acetate	ND L		0.0101	0.00506	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Methyl tert-Butyl Ether	ND		0.00202	0.00101	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Methylene Chloride	ND		0.0101	0.00506	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
4-Methyl-2-pentanone	ND		0.0506	0.0253	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Styrene	ND		0.00202	0.00111	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
1,1,2,2-Tetrachloroethane	ND		0.00202	0.00101	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Tetrachloroethene	ND		0.00202	0.00132	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Tetrahydrofuran	ND		0.0202	0.0101	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
1,2,4-Trichlorobenzene	ND		0.00202	0.00121	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
1,1,1-Trichloroethane	ND		0.00202	0.00101	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
1,1,2-Trichloroethane	ND		0.00506	0.00253	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Trichloroethene	ND		0.00202	0.00101	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Trichlorofluoromethane	ND		0.00202	0.00101	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
Vinyl chloride	ND		0.00202	0.00101	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00202	0.00111	mg/kg dry	☼	04/03/12 13:28	04/11/12 18:03	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	116		70 - 130	04/03/12 13:28	04/11/12 18:03	1.00
Dibromofluoromethane	121		70 - 130	04/03/12 13:28	04/11/12 18:03	1.00
Toluene-d8	306	ZX	70 - 130	04/03/12 13:28	04/11/12 18:03	1.00
4-Bromofluorobenzene	376	ZX	70 - 130	04/03/12 13:28	04/11/12 18:03	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-17-SO-040312-11

Lab Sample ID: NWD0308-06

Date Collected: 04/03/12 13:28

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 79.3

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.78		1.02	0.559	mg/kg dry	☆	04/03/12 13:28	04/12/12 06:03	500
Cyclohexane	3.43	J	5.08	2.54	mg/kg dry	☆	04/03/12 13:28	04/12/12 06:03	500
Ethylbenzene	29.8		1.02	0.559	mg/kg dry	☆	04/03/12 13:28	04/12/12 06:03	500
Isopropylbenzene	5.23		1.02	0.559	mg/kg dry	☆	04/03/12 13:28	04/12/12 06:03	500
Methylcyclohexane	15.9		5.08	2.54	mg/kg dry	☆	04/03/12 13:28	04/12/12 06:03	500
n-Propylbenzene	19.4		1.02	0.559	mg/kg dry	☆	04/03/12 13:28	04/12/12 06:03	500
Toluene	27.5		1.02	0.559	mg/kg dry	☆	04/03/12 13:28	04/12/12 06:03	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	101		70 - 130	04/03/12 13:28	04/12/12 06:03	500
Dibromofluoromethane	97		70 - 130	04/03/12 13:28	04/12/12 06:03	500
Toluene-d8	109		70 - 130	04/03/12 13:28	04/12/12 06:03	500
4-Bromofluorobenzene	130		70 - 130	04/03/12 13:28	04/12/12 06:03	500

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, total	669		254	127	mg/kg dry	☆	04/03/12 13:28	04/12/12 06:33	50000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	104		70 - 130	04/03/12 13:28	04/12/12 06:33	50000
Dibromofluoromethane	99		70 - 130	04/03/12 13:28	04/12/12 06:33	50000
Toluene-d8	108		70 - 130	04/03/12 13:28	04/12/12 06:33	50000
4-Bromofluorobenzene	118		70 - 130	04/03/12 13:28	04/12/12 06:33	50000

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0825	0.0419	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
Acenaphthylene	ND		0.0825	0.0419	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
Acetophenone	ND		0.410	0.206	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
Anthracene	ND		0.0825	0.0419	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
Atrazine	ND		0.410	0.206	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
Benzaldehyde	ND L2		2.06	1.03	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
Benzo (a) anthracene	0.0620	J	0.0825	0.0419	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
Benzo (b) fluoranthene	0.0497	J	0.0825	0.0419	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
Benzo (a) pyrene	0.0480	J	0.0825	0.0419	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
Benzo (g,h,i) perylene	0.0567	J	0.0825	0.0419	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
Benzo (k) fluoranthene	0.0493	J	0.0825	0.0419	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
Biphenyl	ND		0.410	0.206	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
4-Bromophenyl phenyl ether	ND		0.410	0.206	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
Butyl benzyl phthalate	2.45		0.410	0.206	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
4-Chloro-3-methylphenol	ND		0.410	0.206	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
4-Chloroaniline	ND		0.410	0.206	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
Caprolactam	ND		0.410	0.206	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
Carbazole	ND		0.410	0.206	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
2-Chloronaphthalene	ND		0.410	0.206	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
Bis(2-chloroethoxy)methane	ND		0.410	0.206	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
Bis(2-chloroethyl)ether	ND		0.410	0.206	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
Bis(2-chloroisopropyl)ether	ND		0.410	0.206	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
2-Chlorophenol	ND		0.410	0.206	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
4-Chlorophenyl phenyl ether	ND		0.410	0.206	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
Chrysene	0.0887		0.0825	0.0419	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00
Dibenz (a,h) anthracene	ND		0.0825	0.0419	mg/kg dry	☆	04/11/12 10:39	04/11/12 18:27	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-17-SO-040312-11

Lab Sample ID: NWD0308-06

Date Collected: 04/03/12 13:28

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 79.3

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
3,3-Dichlorobenzidine	ND		0.822	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
2,4-Dichlorophenol	ND		0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
Diethyl phthalate	ND		0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
2,4-Dimethylphenol	0.626		0.410	0.236	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
Dimethyl phthalate	ND		0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
4,6-Dinitro-2-methylphenol	ND		0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
2,4-Dinitrophenol	ND		0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
2,6-Dinitrotoluene	ND		0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
2,4-Dinitrotoluene	ND		0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
Di-n-octyl phthalate	ND		0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
Bis(2-ethylhexyl)phthalate	0.339	J	0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
Fluoranthene	0.150		0.0825	0.0419	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
Fluorene	0.0682	J	0.0825	0.0419	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
Hexachlorobenzene	ND		0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
Hexachlorobutadiene	ND		0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
Hexachlorocyclopentadiene	ND		0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
Hexachloroethane	ND		0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
Indeno (1,2,3-cd) pyrene	ND		0.0825	0.0419	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
Isophorone	ND		0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
2-Methylnaphthalene	3.07		0.0825	0.0419	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
2-Methylphenol	0.228	J	0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
Naphthalene	3.37		0.0825	0.0419	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
2-Nitroaniline	ND		1.03	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
3-Nitroaniline	ND		1.03	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
4-Nitroaniline	ND		1.03	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
Nitrobenzene	ND		0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
2-Nitrophenol	ND		0.410	0.241	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
4-Nitrophenol	ND		0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
N-Nitrosodiphenylamine	ND		0.410	0.225	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
N-Nitrosodi-n-propylamine	ND		0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
Pentachlorophenol	ND		1.03	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
Phenanthrene	0.197		0.0825	0.0419	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
Phenol	ND		0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
Pyrene	0.169		0.0825	0.0419	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
2,4,5-Trichlorophenol	ND		1.03	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00
2,4,6-Trichlorophenol	ND		0.410	0.206	mg/kg dry	☼	04/11/12 10:39	04/11/12 18:27	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	53		17 - 120	04/11/12 10:39	04/11/12 18:27	1.00
Phenol-d5	57		18 - 120	04/11/12 10:39	04/11/12 18:27	1.00
2-Fluorobiphenyl	64		14 - 120	04/11/12 10:39	04/11/12 18:27	1.00
Nitrobenzene-d5	64		17 - 120	04/11/12 10:39	04/11/12 18:27	1.00
Terphenyl-d14	85		18 - 120	04/11/12 10:39	04/11/12 18:27	1.00
2,4,6-Tribromophenol	69		19 - 120	04/11/12 10:39	04/11/12 18:27	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	4.94		0.820	0.411	mg/kg dry	☼	04/11/12 10:39	04/12/12 13:21	2.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-17-SO-040312-11

Lab Sample ID: NWD0308-06

Date Collected: 04/03/12 13:28

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 79.3

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		15.2	7.60	mg/kg dry	☼	04/06/12 16:30	04/06/12 20:01	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Butanol	92		60 - 140				04/06/12 16:30	04/06/12 20:01	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0417	0.0263	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:54	1.00
PCB-1221	ND		0.0417	0.0213	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:54	1.00
PCB-1232	ND		0.0417	0.0213	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:54	1.00
PCB-1242	ND		0.0417	0.0326	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:54	1.00
PCB-1248	ND		0.0417	0.0376	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:54	1.00
PCB-1254	ND		0.0417	0.0213	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:54	1.00
PCB-1260	ND		0.0417	0.0351	mg/kg dry	☼	04/05/12 09:00	04/06/12 18:54	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	86		19 - 147				04/05/12 09:00	04/06/12 18:54	1.00
Decachlorobiphenyl	90		20 - 150				04/05/12 09:00	04/06/12 18:54	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.1	6.04	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:21	1.00
Arsenic	7.82		1.21	0.604	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:21	1.00
Barium	227		2.41	1.21	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:21	1.00
Beryllium	0.797	J	1.21	0.604	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:21	1.00
Cadmium	ND		1.21	0.604	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:21	1.00
Chromium	18.0		1.21	0.604	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:21	1.00
Cobalt	10.9		3.62	1.81	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:21	1.00
Copper	14.8		2.41	1.21	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:21	1.00
Lead	42.1		1.21	0.604	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:21	1.00
Manganese	436		3.62	1.81	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:21	1.00
Nickel	23.4		2.41	1.21	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:21	1.00
Selenium	ND		2.41	1.21	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:21	1.00
Silver	ND		1.21	0.604	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:21	1.00
Thallium	ND		2.41	1.21	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:21	1.00
Vanadium	14.8		12.1	6.04	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:21	1.00
Zinc	135		12.1	6.04	mg/kg dry	☼	04/10/12 11:54	04/11/12 05:21	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.070	J	0.12	0.061	mg/kg dry	☼	04/06/12 13:05	04/09/12 13:49	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.52	1.26	mg/kg dry	☼	04/06/12 09:40	04/09/12 10:16	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.52	1.26	mg/kg dry	☼	04/10/12 11:30	04/10/12 17:29	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	79.3		0.500	0.500	%		04/07/12 15:56	04/07/12 16:33	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: Trip Blank

Lab Sample ID: NWD0308-07

Date Collected: 04/03/12 00:01

Matrix: Water

Date Received: 04/04/12 08:30

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Benzene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Bromochloromethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Bromoform	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Bromomethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
2-Butanone	ND		50.0	25.0	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Carbon disulfide	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Chlorobenzene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Chloroethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Chloroform	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Chloromethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Cyclohexane	ND		5.00	2.50	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Ethylbenzene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
2-Hexanone	ND		10.0	5.00	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Methylene Chloride	ND		5.00	2.50	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Styrene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Toluene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Trichloroethene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Vinyl chloride	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
Xylenes, total	ND		3.00	1.50	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 13:27	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: Trip Blank

Lab Sample ID: NWD0308-07

Date Collected: 04/03/12 00:01

Matrix: Water

Date Received: 04/04/12 08:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	107		70 - 130	04/06/12 09:04	04/06/12 13:27	1.00
Dibromofluoromethane	101		70 - 130	04/06/12 09:04	04/06/12 13:27	1.00
Toluene-d8	103		70 - 130	04/06/12 09:04	04/06/12 13:27	1.00
4-Bromofluorobenzene	103		70 - 130	04/06/12 09:04	04/06/12 13:27	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Acetate	ND		10.0	5.00	ug/L wet		04/09/12 10:25	04/09/12 16:49	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	100		70 - 130	04/09/12 10:25	04/09/12 16:49	1.00
Dibromofluoromethane	101		70 - 130	04/09/12 10:25	04/09/12 16:49	1.00
Toluene-d8	99		70 - 130	04/09/12 10:25	04/09/12 16:49	1.00
4-Bromofluorobenzene	101		70 - 130	04/09/12 10:25	04/09/12 16:49	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 12D1322-BLK1

Matrix: Soil

Analysis Batch: V006106

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1322_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0500	0.0250	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Benzene	ND		0.00200	0.00110	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Bromochloromethane	ND		0.00200	0.00120	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Bromodichloromethane	ND		0.00200	0.00100	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Bromoform	ND		0.00200	0.00100	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Bromomethane	ND		0.00200	0.00120	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
2-Butanone	ND		0.0500	0.0250	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Carbon disulfide	ND		0.00500	0.00360	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Carbon Tetrachloride	ND		0.00200	0.00100	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Chlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Chlorodibromomethane	ND		0.00200	0.00100	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Chloroethane	ND		0.00500	0.00250	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Chloroform	0.00465		0.00200	0.00130	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Chloromethane	ND		0.00200	0.00110	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Cyclohexane	ND		0.0100	0.00500	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
1,2-Dibromo-3-chloropropane	ND		0.00500	0.00250	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
1,2-Dibromoethane (EDB)	ND		0.00200	0.00100	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
1,2-Dichlorobenzene	ND		0.00200	0.00100	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
1,3-Dichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
1,4-Dichlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Dichlorodifluoromethane	ND		0.00200	0.00140	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
1,2-Dichloroethane	ND		0.00200	0.00110	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
1,1-Dichloroethane	ND		0.00200	0.00130	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
1,1-Dichloroethene	ND		0.00200	0.00120	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
trans-1,2-Dichloroethene	ND		0.00200	0.00130	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
cis-1,2-Dichloroethene	ND		0.00200	0.00110	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
1,2-Dichloropropane	ND		0.00200	0.00100	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
trans-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
cis-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Ethylbenzene	ND		0.00200	0.00110	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
2-Hexanone	ND		0.0500	0.0250	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Isopropylbenzene	ND		0.00200	0.00110	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Methyl Acetate	ND		0.0100	0.00500	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Methylcyclohexane	ND		0.0100	0.00500	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Methyl tert-Butyl Ether	ND		0.00200	0.00100	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Methylene Chloride	ND		0.0100	0.00500	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
4-Methyl-2-pentanone	ND		0.0500	0.0250	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
n-Propylbenzene	ND		0.00200	0.00110	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Styrene	ND		0.00200	0.00110	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
1,1,2,2-Tetrachloroethane	ND		0.00200	0.00100	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Tetrachloroethene	ND		0.00200	0.00130	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Tetrahydrofuran	ND		0.0200	0.0100	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Toluene	ND		0.00200	0.00110	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
1,2,4-Trichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
1,1,1-Trichloroethane	ND		0.00200	0.00100	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
1,1,2-Trichloroethane	ND		0.00500	0.00250	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Trichloroethene	ND		0.00200	0.00100	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Trichlorofluoromethane	ND		0.00200	0.00100	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Vinyl chloride	ND		0.00200	0.00100	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1322-BLK1

Matrix: Soil

Analysis Batch: V006106

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1322_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, total	ND		0.00500	0.00250	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00200	0.00110	mg/kg wet		04/07/12 06:26	04/12/12 01:58	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	114		70 - 130				04/07/12 06:26	04/12/12 01:58	1.00
Dibromofluoromethane	102		70 - 130				04/07/12 06:26	04/12/12 01:58	1.00
Toluene-d8	103		70 - 130				04/07/12 06:26	04/12/12 01:58	1.00
4-Bromofluorobenzene	117		70 - 130				04/07/12 06:26	04/12/12 01:58	1.00

Lab Sample ID: 12D1322-BLK2

Matrix: Soil

Analysis Batch: V006106

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1322_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2.50	1.25	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Benzene	ND		0.100	0.0550	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Bromochloromethane	ND		0.100	0.0600	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Bromodichloromethane	ND		0.100	0.0500	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Bromoform	ND		0.100	0.0500	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Bromomethane	ND		0.100	0.0600	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
2-Butanone	ND		2.50	1.25	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Carbon disulfide	ND		0.250	0.180	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Carbon Tetrachloride	ND		0.100	0.0500	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Chlorobenzene	ND		0.100	0.0550	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Chlorodibromomethane	ND		0.100	0.0500	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Chloroethane	ND		0.250	0.125	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Chloroform	0.386		0.100	0.0650	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Chloromethane	ND		0.100	0.0550	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Cyclohexane	ND		0.500	0.250	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
1,2-Dibromo-3-chloropropane	ND		0.250	0.125	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
1,2-Dibromoethane (EDB)	ND		0.100	0.0500	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
1,2-Dichlorobenzene	ND		0.100	0.0500	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
1,3-Dichlorobenzene	ND		0.100	0.0600	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
1,4-Dichlorobenzene	ND		0.100	0.0550	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Dichlorodifluoromethane	ND		0.100	0.0700	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
1,2-Dichloroethane	ND		0.100	0.0550	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
1,1-Dichloroethane	ND		0.100	0.0650	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
1,1-Dichloroethene	ND		0.100	0.0600	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
trans-1,2-Dichloroethene	ND		0.100	0.0650	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
cis-1,2-Dichloroethene	ND		0.100	0.0550	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
1,2-Dichloropropane	ND		0.100	0.0500	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
trans-1,3-Dichloropropene	ND		0.100	0.0500	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
cis-1,3-Dichloropropene	ND		0.100	0.0500	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Ethylbenzene	ND		0.100	0.0550	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
2-Hexanone	ND		2.50	1.25	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Isopropylbenzene	ND		0.100	0.0550	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Methyl Acetate	ND		0.500	0.250	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Methylcyclohexane	ND		0.500	0.250	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Methyl tert-Butyl Ether	ND		0.100	0.0500	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1322-BLK2

Matrix: Soil

Analysis Batch: V006106

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1322_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		0.500	0.250	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
4-Methyl-2-pentanone	ND		2.50	1.25	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
n-Propylbenzene	ND		0.100	0.0550	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Styrene	ND		0.100	0.0550	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
1,1,2,2-Tetrachloroethane	ND		0.100	0.0500	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Tetrachloroethene	ND		0.100	0.0650	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Tetrahydrofuran	ND		1.00	0.500	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Toluene	ND		0.100	0.0550	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
1,2,4-Trichlorobenzene	ND		0.100	0.0600	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
1,1,1-Trichloroethane	ND		0.100	0.0500	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
1,1,2-Trichloroethane	ND		0.250	0.125	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Trichloroethene	ND		0.100	0.0500	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Trichlorofluoromethane	ND		0.100	0.0500	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Vinyl chloride	ND		0.100	0.0500	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
Xylenes, total	ND		0.250	0.125	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0
1,1,2-Trifluorotrchloroethane	ND		0.100	0.0550	mg/kg wet		04/07/12 06:26	04/12/12 02:29	50.0

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	108		70 - 130	04/07/12 06:26	04/12/12 02:29	50.0
Dibromofluoromethane	102		70 - 130	04/07/12 06:26	04/12/12 02:29	50.0
Toluene-d8	106		70 - 130	04/07/12 06:26	04/12/12 02:29	50.0
4-Bromofluorobenzene	120		70 - 130	04/07/12 06:26	04/12/12 02:29	50.0

Lab Sample ID: 12D1322-BS1

Matrix: Soil

Analysis Batch: V006106

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1322_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	255		ug/kg		102	51 - 149
Benzene	50.0	47.6		ug/kg		95	75 - 127
Bromochloromethane	50.0	44.0		ug/kg		88	70 - 132
Bromodichloromethane	50.0	48.5		ug/kg		97	68 - 135
Bromoform	50.0	47.6		ug/kg		95	36 - 150
Bromomethane	50.0	55.9		ug/kg		112	43 - 142
2-Butanone	250	246		ug/kg		98	61 - 132
Carbon disulfide	50.0	44.4		ug/kg		89	74 - 135
Carbon Tetrachloride	50.0	48.6		ug/kg		97	70 - 141
Chlorobenzene	50.0	50.0		ug/kg		100	84 - 125
Chlorodibromomethane	50.0	50.3		ug/kg		101	66 - 134
Chloroethane	50.0	56.5		ug/kg		113	53 - 144
Chloroform	50.0	53.1		ug/kg		106	76 - 130
Chloromethane	50.0	44.7		ug/kg		89	23 - 150
Cyclohexane	50.0	49.6		ug/kg		99	70 - 133
1,2-Dibromo-3-chloropropane	50.0	52.4		ug/kg		105	49 - 142
1,2-Dibromoethane (EDB)	50.0	52.3		ug/kg		105	80 - 135
1,2-Dichlorobenzene	50.0	52.2		ug/kg		104	80 - 134
1,3-Dichlorobenzene	50.0	51.4		ug/kg		103	79 - 137
1,4-Dichlorobenzene	50.0	51.1		ug/kg		102	77 - 139
Dichlorodifluoromethane	50.0	18.2		ug/kg		36	12 - 144

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1322-BS1

Matrix: Soil

Analysis Batch: V006106

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1322_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	50.0	52.4		ug/kg		105	65 - 134
1,1-Dichloroethane	50.0	49.6		ug/kg		99	75 - 124
1,1-Dichloroethene	50.0	43.0		ug/kg		86	75 - 131
trans-1,2-Dichloroethene	50.0	48.3		ug/kg		97	76 - 128
cis-1,2-Dichloroethene	50.0	49.3		ug/kg		99	75 - 125
1,2-Dichloropropane	50.0	48.4		ug/kg		97	69 - 120
trans-1,3-Dichloropropene	50.0	57.8		ug/kg		116	62 - 139
cis-1,3-Dichloropropene	50.0	58.5		ug/kg		117	73 - 148
Ethylbenzene	50.0	53.4		ug/kg		107	80 - 134
2-Hexanone	250	285		ug/kg		114	57 - 148
Isopropylbenzene	50.0	56.2		ug/kg		112	80 - 150
Methyl Acetate	50.0	72.9		ug/kg		146	11 - 170
Methylcyclohexane	50.0	46.6		ug/kg		93	69 - 140
Methyl tert-Butyl Ether	50.0	48.3		ug/kg		97	70 - 136
Methylene Chloride	50.0	48.5		ug/kg		97	68 - 144
4-Methyl-2-pentanone	250	271		ug/kg		108	59 - 138
n-Propylbenzene	50.0	57.5		ug/kg		115	75 - 137
Styrene	50.0	51.6		ug/kg		103	82 - 137
1,1,2,2-Tetrachloroethane	50.0	60.0		ug/kg		120	66 - 134
Tetrachloroethene	50.0	47.4		ug/kg		95	78 - 140
Tetrahydrofuran	500	516		ug/kg		103	53 - 134
Toluene	50.0	50.4		ug/kg		101	80 - 132
1,2,4-Trichlorobenzene	50.0	52.0		ug/kg		104	62 - 150
1,1,1-Trichloroethane	50.0	48.5		ug/kg		97	72 - 140
1,1,2-Trichloroethane	50.0	51.4		ug/kg		103	78 - 128
Trichloroethene	50.0	44.4		ug/kg		89	77 - 127
Trichlorofluoromethane	50.0	42.9		ug/kg		86	50 - 140
Vinyl chloride	50.0	45.7		ug/kg		91	47 - 136
Xylenes, total	150	160		ug/kg		106	80 - 137
1,1,2-Trifluorotrichloroethane	50.0	45.3		ug/kg		91	67 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	106		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8	103		70 - 130
4-Bromofluorobenzene	115		70 - 130

Lab Sample ID: 12D1322-MS1

Matrix: Soil

Analysis Batch: V006106

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1322_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		0.244	0.283		mg/kg dry	☼	116	19 - 175
Benzene	ND		0.0487	0.0375		mg/kg dry	☼	77	31 - 143
Bromochloromethane	ND		0.0487	0.0288		mg/kg dry	☼	59	31 - 141
Bromodichloromethane	ND		0.0487	0.0337		mg/kg dry	☼	69	19 - 148
Bromoform	ND		0.0487	0.0265		mg/kg dry	☼	54	10 - 165
Bromomethane	ND		0.0487	0.0351		mg/kg dry	☼	72	10 - 164
2-Butanone	ND		0.244	0.225		mg/kg dry	☼	92	18 - 153

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1322-MS1

Matrix: Soil

Analysis Batch: V006106

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1322_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Carbon disulfide	ND		0.0487	0.0319		mg/kg dry	☼	65	32 - 144
Carbon Tetrachloride	ND		0.0487	0.0394		mg/kg dry	☼	81	31 - 149
Chlorobenzene	ND		0.0487	0.0362		mg/kg dry	☼	74	25 - 152
Chlorodibromomethane	ND		0.0487	0.0398		mg/kg dry	☼	82	14 - 146
Chloroethane	ND		0.0487	0.0482		mg/kg dry	☼	99	10 - 151
Chloroform	0.00395		0.0487	0.0436		mg/kg dry	☼	81	34 - 160
Chloromethane	ND		0.0487	0.0409		mg/kg dry	☼	84	10 - 156
Cyclohexane	ND		0.0487	0.0469		mg/kg dry	☼	96	32 - 158
1,2-Dibromo-3-chloropropane	ND		0.0487	0.0274	I	mg/kg dry	☼	56	10 - 147
1,2-Dibromoethane (EDB)	ND		0.0487	0.0323		mg/kg dry	☼	66	18 - 156
1,2-Dichlorobenzene	ND		0.0487	0.0382	I	mg/kg dry	☼	78	10 - 160
1,3-Dichlorobenzene	ND		0.0487	0.0421	I	mg/kg dry	☼	86	10 - 162
1,4-Dichlorobenzene	ND		0.0487	0.0389	I	mg/kg dry	☼	80	11 - 159
Dichlorodifluoromethane	ND		0.0487	0.0371		mg/kg dry	☼	76	10 - 143
1,2-Dichloroethane	ND		0.0487	0.0367		mg/kg dry	☼	75	28 - 138
1,1-Dichloroethane	ND		0.0487	0.0430		mg/kg dry	☼	88	42 - 136
1,1-Dichloroethene	ND		0.0487	0.0342		mg/kg dry	☼	70	41 - 143
trans-1,2-Dichloroethene	ND		0.0487	0.0331		mg/kg dry	☼	68	39 - 140
cis-1,2-Dichloroethene	ND		0.0487	0.0355		mg/kg dry	☼	73	36 - 139
1,2-Dichloropropane	ND		0.0487	0.0374		mg/kg dry	☼	77	20 - 146
trans-1,3-Dichloropropene	ND		0.0487	0.0321		mg/kg dry	☼	66	10 - 157
cis-1,3-Dichloropropene	ND		0.0487	0.0451		mg/kg dry	☼	92	15 - 166
Ethylbenzene	ND		0.0487	0.0486		mg/kg dry	☼	100	23 - 161
2-Hexanone	ND		0.244	0.211		mg/kg dry	☼	87	10 - 169
Isopropylbenzene	ND		0.0487	0.0487		mg/kg dry	☼	100	23 - 181
Methyl Acetate	ND		0.0487	0.0963		mg/kg dry	☼	198	10 - 200
Methylcyclohexane	ND		0.0487	0.0417		mg/kg dry	☼	86	29 - 167
Methyl tert-Butyl Ether	ND		0.0487	0.0458		mg/kg dry	☼	94	28 - 141
Methylene Chloride	ND		0.0487	0.0386		mg/kg dry	☼	79	24 - 182
4-Methyl-2-pentanone	ND		0.244	0.293		mg/kg dry	☼	120	10 - 168
n-Propylbenzene	ND		0.0487	0.0745	I	mg/kg dry	☼	153	19 - 162
Styrene	ND		0.0487	0.0307		mg/kg dry	☼	63	10 - 165
1,1,2,2-Tetrachloroethane	ND		0.0487	0.0693	I	mg/kg dry	☼	142	10 - 162
Tetrachloroethene	ND		0.0487	0.0447		mg/kg dry	☼	92	33 - 161
Tetrahydrofuran	ND		0.487	0.509		mg/kg dry	☼	104	23 - 149
Toluene	ND		0.0487	0.0506		mg/kg dry	☼	104	30 - 155
1,2,4-Trichlorobenzene	ND		0.0487	0.0202	I	mg/kg dry	☼	41	10 - 167
1,1,1-Trichloroethane	ND		0.0487	0.0419		mg/kg dry	☼	86	35 - 149
1,1,2-Trichloroethane	ND		0.0487	0.0468		mg/kg dry	☼	96	19 - 157
Trichloroethene	ND		0.0487	0.0301		mg/kg dry	☼	62	27 - 153
Trichlorofluoromethane	ND		0.0487	0.0401		mg/kg dry	☼	82	25 - 137
Vinyl chloride	ND		0.0487	0.0398		mg/kg dry	☼	82	20 - 141
Xylenes, total	ND		0.146	0.140		mg/kg dry	☼	96	25 - 162
1,1,2-Trifluorotrichloroethane	ND		0.0487	0.0427		mg/kg dry	☼	88	42 - 147

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	120		70 - 130
Dibromofluoromethane	110		70 - 130
Toluene-d8	140	ZX	70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1322-MS1

Matrix: Soil

Analysis Batch: V006106

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1322_P

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
4-Bromofluorobenzene	152	ZX	70 - 130

Lab Sample ID: 12D1322-MSD1

Matrix: Soil

Analysis Batch: V006106

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1322_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Acetone	ND		0.238	0.305		mg/kg dry	☼	128	19 - 175	8	50
Benzene	ND		0.0476	0.0384		mg/kg dry	☼	81	31 - 143	2	50
Bromochloromethane	ND		0.0476	0.0292		mg/kg dry	☼	61	31 - 141	1	50
Bromodichloromethane	ND		0.0476	0.0350		mg/kg dry	☼	74	19 - 148	4	50
Bromoform	ND		0.0476	0.0317	I	mg/kg dry	☼	67	10 - 165	18	50
Bromomethane	ND		0.0476	0.0472		mg/kg dry	☼	99	10 - 164	29	50
2-Butanone	ND		0.238	0.242		mg/kg dry	☼	102	18 - 153	7	50
Carbon disulfide	ND		0.0476	0.0302		mg/kg dry	☼	63	32 - 144	5	50
Carbon Tetrachloride	ND		0.0476	0.0402		mg/kg dry	☼	85	31 - 149	2	50
Chlorobenzene	ND		0.0476	0.0377	I	mg/kg dry	☼	79	25 - 152	4	50
Chlorodibromomethane	ND		0.0476	0.0461	I	mg/kg dry	☼	97	14 - 146	15	50
Chloroethane	ND		0.0476	0.0390		mg/kg dry	☼	82	10 - 151	21	50
Chloroform	0.00395		0.0476	0.0441		mg/kg dry	☼	84	34 - 160	1	49
Chloromethane	ND		0.0476	0.0478		mg/kg dry	☼	100	10 - 156	15	50
Cyclohexane	ND		0.0476	0.0485		mg/kg dry	☼	102	32 - 158	3	50
1,2-Dibromo-3-chloropropane	ND		0.0476	0.0473	I	mg/kg dry	☼	99	10 - 147	53	50
1,2-Dibromoethane (EDB)	ND		0.0476	0.0372	I	mg/kg dry	☼	78	18 - 156	14	50
1,2-Dichlorobenzene	ND		0.0476	0.0444	I	mg/kg dry	☼	93	10 - 160	15	50
1,3-Dichlorobenzene	ND		0.0476	0.0468	I	mg/kg dry	☼	98	10 - 162	11	50
1,4-Dichlorobenzene	ND		0.0476	0.0432	I	mg/kg dry	☼	91	11 - 159	10	50
Dichlorodifluoromethane	ND		0.0476	0.0171	R2	mg/kg dry	☼	36	10 - 143	74	50
1,2-Dichloroethane	ND		0.0476	0.0371		mg/kg dry	☼	78	28 - 138	1	50
1,1-Dichloroethane	ND		0.0476	0.0432		mg/kg dry	☼	91	42 - 136	0.6	50
1,1-Dichloroethene	ND		0.0476	0.0339		mg/kg dry	☼	71	41 - 143	0.9	50
trans-1,2-Dichloroethene	ND		0.0476	0.0316		mg/kg dry	☼	66	39 - 140	5	50
cis-1,2-Dichloroethene	ND		0.0476	0.0354		mg/kg dry	☼	74	36 - 139	0.04	50
1,2-Dichloropropane	ND		0.0476	0.0380		mg/kg dry	☼	80	20 - 146	2	50
trans-1,3-Dichloropropene	ND		0.0476	0.0359	I	mg/kg dry	☼	75	10 - 157	11	50
cis-1,3-Dichloropropene	ND		0.0476	0.0509	I	mg/kg dry	☼	107	15 - 166	12	50
Ethylbenzene	ND		0.0476	0.0502	I	mg/kg dry	☼	105	23 - 161	3	50
2-Hexanone	ND		0.238	0.263	I	mg/kg dry	☼	111	10 - 169	22	50
Isopropylbenzene	ND		0.0476	0.0489	I	mg/kg dry	☼	103	23 - 181	0.4	50
Methyl Acetate	ND		0.0476	0.0903		mg/kg dry	☼	190	10 - 200	6	50
Methylcyclohexane	ND		0.0476	0.0408		mg/kg dry	☼	86	29 - 167	2	50
Methyl tert-Butyl Ether	ND		0.0476	0.0497		mg/kg dry	☼	104	28 - 141	8	50
Methylene Chloride	ND		0.0476	0.0414		mg/kg dry	☼	87	24 - 182	7	50
4-Methyl-2-pentanone	ND		0.238	0.353	I	mg/kg dry	☼	148	10 - 168	19	50
n-Propylbenzene	ND		0.0476	0.0851	I	mg/kg dry	☼	179	19 - 162	13	50
Styrene	ND		0.0476	0.0299	I	mg/kg dry	☼	63	10 - 165	3	50
1,1,2,2-Tetrachloroethane	ND		0.0476	0.0992	I	mg/kg dry	☼	208	10 - 162	36	50
Tetrachloroethene	ND		0.0476	0.0470	I	mg/kg dry	☼	99	33 - 161	5	50
Tetrahydrofuran	ND		0.476	0.543		mg/kg dry	☼	114	23 - 149	6	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1322-MSD1

Matrix: Soil

Analysis Batch: V006106

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1322_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	ND		0.0476	0.0561	I	mg/kg dry	☼	118	30 - 155	10	50
1,2,4-Trichlorobenzene	ND		0.0476	0.0205	I	mg/kg dry	☼	43	10 - 167	1	50
1,1,1-Trichloroethane	ND		0.0476	0.0426		mg/kg dry	☼	89	35 - 149	2	50
1,1,2-Trichloroethane	ND		0.0476	0.0562	I	mg/kg dry	☼	118	19 - 157	18	50
Trichloroethene	ND		0.0476	0.0275		mg/kg dry	☼	58	27 - 153	9	50
Trichlorofluoromethane	ND		0.0476	0.0401		mg/kg dry	☼	84	25 - 137	0.002	50
Vinyl chloride	ND		0.0476	0.0405		mg/kg dry	☼	85	20 - 141	2	50
Xylenes, total	ND		0.143	0.145		mg/kg dry	☼	101	25 - 162	3	50
1,1,2-Trifluorotrichloroethane	ND		0.0476	0.0433		mg/kg dry	☼	91	42 - 147	1	50

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits
1,2-Dichloroethane-d4	124		70 - 130
Dibromofluoromethane	111		70 - 130
Toluene-d8	155	ZX	70 - 130
4-Bromofluorobenzene	167	ZX	70 - 130

Lab Sample ID: 12D1636-BLK1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Benzene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Bromochloromethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Bromoform	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Bromomethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
2-Butanone	ND		50.0	25.0	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Carbon disulfide	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Chlorobenzene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Chloroethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Chloroform	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Chloromethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Cyclohexane	ND		5.00	2.50	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-BLK1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Ethylbenzene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
2-Hexanone	ND		10.0	5.00	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Methyl Acetate	ND		10.0	5.00	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Methylene Chloride	ND		5.00	2.50	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Styrene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Toluene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Trichloroethene	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Vinyl chloride	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
Xylenes, total	ND		3.00	1.50	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L wet		04/06/12 09:04	04/06/12 11:43	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	106		70 - 130	04/06/12 09:04	04/06/12 11:43	1.00
Dibromofluoromethane	102		70 - 130	04/06/12 09:04	04/06/12 11:43	1.00
Toluene-d8	102		70 - 130	04/06/12 09:04	04/06/12 11:43	1.00
4-Bromofluorobenzene	105		70 - 130	04/06/12 09:04	04/06/12 11:43	1.00

Lab Sample ID: 12D1636-BS1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	238		ug/L		95	54 - 145
Benzene	50.0	51.0		ug/L		102	80 - 121
Bromochloromethane	50.0	47.3		ug/L		95	78 - 129
Bromodichloromethane	50.0	48.8		ug/L		98	75 - 129
Bromoform	50.0	53.4		ug/L		107	46 - 145
Bromomethane	50.0	61.6		ug/L		123	41 - 150
2-Butanone	250	212		ug/L		85	62 - 133
Carbon disulfide	50.0	49.3		ug/L		99	77 - 126
Carbon Tetrachloride	50.0	54.8		ug/L		110	64 - 147
Chlorobenzene	50.0	49.4		ug/L		99	80 - 120
Chlorodibromomethane	50.0	52.9		ug/L		106	69 - 133
Chloroethane	50.0	53.9		ug/L		108	72 - 120
Chloroform	50.0	54.3		ug/L		109	73 - 129
Chloromethane	50.0	52.6		ug/L		105	12 - 150

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-BS1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyclohexane	50.0	53.8		ug/L		108	73 - 122
1,2-Dibromo-3-chloropropane	50.0	47.8		ug/L		96	54 - 125
1,2-Dibromoethane (EDB)	50.0	47.7		ug/L		95	80 - 129
1,2-Dichlorobenzene	50.0	49.6		ug/L		99	80 - 121
1,3-Dichlorobenzene	50.0	50.8		ug/L		102	80 - 122
1,4-Dichlorobenzene	50.0	50.0		ug/L		100	80 - 120
Dichlorodifluoromethane	50.0	48.9		ug/L		98	37 - 127
1,2-Dichloroethane	50.0	49.7		ug/L		99	77 - 121
1,1-Dichloroethane	50.0	52.8		ug/L		106	78 - 125
1,1-Dichloroethene	50.0	50.0		ug/L		100	79 - 124
trans-1,2-Dichloroethene	50.0	53.7		ug/L		107	79 - 126
cis-1,2-Dichloroethene	50.0	52.9		ug/L		106	76 - 125
1,2-Dichloropropane	50.0	46.5		ug/L		93	75 - 120
trans-1,3-Dichloropropene	50.0	48.6		ug/L		97	63 - 134
cis-1,3-Dichloropropene	50.0	52.3		ug/L		105	74 - 140
Ethylbenzene	50.0	52.4		ug/L		105	80 - 130
2-Hexanone	250	242		ug/L		97	60 - 142
Isopropylbenzene	50.0	56.7		ug/L		113	80 - 141
Methyl Acetate	50.0	30.2	L2	ug/L		60	64 - 150
Methylcyclohexane	50.0	51.1		ug/L		102	71 - 129
Methyl tert-Butyl Ether	50.0	45.8		ug/L		92	72 - 133
Methylene Chloride	50.0	49.2		ug/L		98	79 - 123
4-Methyl-2-pentanone	250	218		ug/L		87	60 - 137
n-Propylbenzene	50.0	55.2		ug/L		110	75 - 129
Styrene	50.0	51.5		ug/L		103	80 - 127
1,1,1,2-Tetrachloroethane	50.0	48.1		ug/L		96	69 - 131
Tetrachloroethene	50.0	49.5		ug/L		99	80 - 126
Tetrahydrofuran	500	440		ug/L		88	51 - 124
Toluene	50.0	49.0		ug/L		98	80 - 126
1,2,4-Trichlorobenzene	50.0	51.5		ug/L		103	63 - 133
1,1,1-Trichloroethane	50.0	52.3		ug/L		105	78 - 135
1,1,2-Trichloroethane	50.0	45.1		ug/L		90	80 - 124
Trichloroethene	50.0	50.2		ug/L		100	80 - 123
Trichlorofluoromethane	50.0	46.4		ug/L		93	65 - 124
Vinyl chloride	50.0	55.8		ug/L		112	68 - 120
Xylenes, total	150	155		ug/L		103	80 - 132
1,1,2-Trifluorotrichloroethane	50.0	50.9		ug/L		102	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	104		70 - 130
Dibromofluoromethane	103		70 - 130
Toluene-d8	102		70 - 130
4-Bromofluorobenzene	105		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-BSD1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits			
Acetone	250	228		ug/L		91	54 - 145		4	21
Benzene	50.0	50.6		ug/L		101	80 - 121		0.9	17
Bromochloromethane	50.0	47.4		ug/L		95	78 - 129		0.2	17
Bromodichloromethane	50.0	49.3		ug/L		99	75 - 129		1	18
Bromoform	50.0	51.8		ug/L		104	46 - 145		3	16
Bromomethane	50.0	61.8		ug/L		124	41 - 150		0.4	50
2-Butanone	250	222		ug/L		89	62 - 133		5	19
Carbon disulfide	50.0	50.6		ug/L		101	77 - 126		3	21
Carbon Tetrachloride	50.0	53.7		ug/L		107	64 - 147		2	19
Chlorobenzene	50.0	49.7		ug/L		99	80 - 120		0.5	14
Chlorodibromomethane	50.0	52.6		ug/L		105	69 - 133		0.5	15
Chloroethane	50.0	53.3		ug/L		107	72 - 120		1	20
Chloroform	50.0	54.9		ug/L		110	73 - 129		1	18
Chloromethane	50.0	54.6		ug/L		109	12 - 150		4	31
Cyclohexane	50.0	53.8		ug/L		108	73 - 122		0.02	16
1,2-Dibromo-3-chloropropane	50.0	47.5		ug/L		95	54 - 125		0.7	24
1,2-Dibromoethane (EDB)	50.0	47.6		ug/L		95	80 - 129		0.3	15
1,2-Dichlorobenzene	50.0	47.4		ug/L		95	80 - 121		4	15
1,3-Dichlorobenzene	50.0	49.4		ug/L		99	80 - 122		3	15
1,4-Dichlorobenzene	50.0	48.8		ug/L		98	80 - 120		2	15
Dichlorodifluoromethane	50.0	50.2		ug/L		100	37 - 127		3	18
1,2-Dichloroethane	50.0	50.0		ug/L		100	77 - 121		0.7	17
1,1-Dichloroethane	50.0	53.9		ug/L		108	78 - 125		2	17
1,1-Dichloroethene	50.0	51.1		ug/L		102	79 - 124		2	17
trans-1,2-Dichloroethene	50.0	55.0		ug/L		110	79 - 126		2	16
cis-1,2-Dichloroethene	50.0	53.4		ug/L		107	76 - 125		0.8	17
1,2-Dichloropropane	50.0	47.2		ug/L		94	75 - 120		2	17
trans-1,3-Dichloropropene	50.0	48.6		ug/L		97	63 - 134		0	14
cis-1,3-Dichloropropene	50.0	52.0		ug/L		104	74 - 140		0.6	15
Ethylbenzene	50.0	52.4		ug/L		105	80 - 130		0.04	15
2-Hexanone	250	235		ug/L		94	60 - 142		3	15
Isopropylbenzene	50.0	57.0		ug/L		114	80 - 141		0.6	16
Methyl Acetate	50.0	30.4	L2	ug/L		61	64 - 150		0.8	31
Methylcyclohexane	50.0	51.5		ug/L		103	71 - 129		0.8	19
Methyl tert-Butyl Ether	50.0	46.6		ug/L		93	72 - 133		2	16
Methylene Chloride	50.0	49.8		ug/L		100	79 - 123		1	17
4-Methyl-2-pentanone	250	216		ug/L		86	60 - 137		0.9	17
n-Propylbenzene	50.0	52.6		ug/L		105	75 - 129		5	17
Styrene	50.0	51.6		ug/L		103	80 - 127		0.08	24
1,1,2,2-Tetrachloroethane	50.0	45.7		ug/L		91	69 - 131		5	20
Tetrachloroethene	50.0	48.7		ug/L		97	80 - 126		2	16
Tetrahydrofuran	500	451		ug/L		90	51 - 124		2	18
Toluene	50.0	49.0		ug/L		98	80 - 126		0.1	15
1,2,4-Trichlorobenzene	50.0	50.2		ug/L		100	63 - 133		2	19
1,1,1-Trichloroethane	50.0	53.4		ug/L		107	78 - 135		2	17
1,1,2-Trichloroethane	50.0	45.4		ug/L		91	80 - 124		0.7	15
Trichloroethene	50.0	49.4		ug/L		99	80 - 123		1	17
Trichlorofluoromethane	50.0	46.2		ug/L		92	65 - 124		0.4	18
Vinyl chloride	50.0	56.1		ug/L		112	68 - 120		0.6	17

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-BSD1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Xylenes, total	150	155		ug/L		104	80 - 132	0.1	15
1,1,2-Trifluorotrichloroethane	50.0	51.5		ug/L		103	77 - 129	1	18
Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits						
1,2-Dichloroethane-d4	104		70 - 130						
Dibromofluoromethane	105		70 - 130						
Toluene-d8	102		70 - 130						
4-Bromofluorobenzene	98		70 - 130						

Lab Sample ID: 12D1636-MS1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		250	240		ug/L wet		96	45 - 141
Benzene	ND		50.0	56.3		ug/L wet		113	75 - 133
Bromochloromethane	ND		50.0	52.2		ug/L wet		104	67 - 139
Bromodichloromethane	ND		50.0	55.0		ug/L wet		110	70 - 140
Bromoform	ND		50.0	54.3		ug/L wet		109	42 - 147
Bromomethane	ND		50.0	65.3		ug/L wet		131	16 - 163
2-Butanone	ND		250	233		ug/L wet		93	50 - 138
Carbon disulfide	ND		50.0	50.3		ug/L wet		101	48 - 152
Carbon Tetrachloride	ND		50.0	62.7		ug/L wet		125	62 - 164
Chlorobenzene	ND		50.0	54.3		ug/L wet		109	80 - 129
Chlorodibromomethane	ND		50.0	57.5		ug/L wet		115	66 - 140
Chloroethane	ND		50.0	57.6		ug/L wet		115	58 - 137
Chloroform	ND		50.0	58.0		ug/L wet		116	66 - 138
Chloromethane	ND		50.0	55.8		ug/L wet		112	10 - 169
Cyclohexane	ND		50.0	58.8		ug/L wet		118	58 - 144
1,2-Dibromo-3-chloropropane	ND		50.0	51.4		ug/L wet		103	52 - 126
1,2-Dibromoethane (EDB)	ND		50.0	52.2		ug/L wet		104	75 - 137
1,2-Dichlorobenzene	ND		50.0	51.2		ug/L wet		102	79 - 128
1,3-Dichlorobenzene	ND		50.0	52.6		ug/L wet		105	77 - 131
1,4-Dichlorobenzene	ND		50.0	52.6		ug/L wet		105	78 - 126
Dichlorodifluoromethane	ND		50.0	54.0		ug/L wet		108	40 - 127
1,2-Dichloroethane	ND		50.0	55.6		ug/L wet		111	64 - 136
1,1-Dichloroethane	ND		50.0	59.3		ug/L wet		119	71 - 139
1,1-Dichloroethene	ND		50.0	55.6		ug/L wet		111	70 - 142
trans-1,2-Dichloroethene	ND		50.0	59.6		ug/L wet		119	66 - 143
cis-1,2-Dichloroethene	ND		50.0	58.3		ug/L wet		117	68 - 138
1,2-Dichloropropane	ND		50.0	51.6		ug/L wet		103	67 - 131
trans-1,3-Dichloropropene	ND		50.0	52.8		ug/L wet		106	59 - 135
cis-1,3-Dichloropropene	ND		50.0	57.6		ug/L wet		115	71 - 141
Ethylbenzene	ND		50.0	57.5		ug/L wet		115	79 - 139
2-Hexanone	ND		250	260		ug/L wet		104	50 - 150
Isopropylbenzene	ND		50.0	62.1		ug/L wet		124	80 - 153
Methyl Acetate	ND		50.0	31.3		ug/L wet		63	30 - 165
Methylcyclohexane	ND		50.0	52.0		ug/L wet		104	59 - 151
Methyl tert-Butyl Ether	ND		50.0	50.9		ug/L wet		102	66 - 141

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-MS1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	ND		50.0	52.1		ug/L wet		104	64 - 139
4-Methyl-2-pentanone	ND		250	244		ug/L wet		98	50 - 147
n-Propylbenzene	ND		50.0	57.8		ug/L wet		116	69 - 142
Styrene	ND		50.0	55.9		ug/L wet		112	61 - 148
1,1,2,2-Tetrachloroethane	ND		50.0	52.0		ug/L wet		104	56 - 143
Tetrachloroethene	ND		50.0	53.7		ug/L wet		107	72 - 145
Tetrahydrofuran	ND		500	520		ug/L wet		104	34 - 133
Toluene	ND		50.0	54.6		ug/L wet		109	75 - 136
1,2,4-Trichlorobenzene	ND		50.0	48.8		ug/L wet		98	60 - 136
1,1,1-Trichloroethane	ND		50.0	61.2		ug/L wet		122	76 - 149
1,1,2-Trichloroethane	ND		50.0	51.0		ug/L wet		102	74 - 134
Trichloroethene	ND		50.0	54.5		ug/L wet		109	73 - 144
Trichlorofluoromethane	ND		50.0	54.0		ug/L wet		108	58 - 139
Vinyl chloride	ND		50.0	60.2		ug/L wet		120	56 - 129
Xylenes, total	ND		150	170		ug/L wet		113	74 - 141
1,1,2-Trifluorotrichloroethane	ND		50.0	57.8		ug/L wet		116	72 - 148

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	108		70 - 130
Dibromofluoromethane	104		70 - 130
Toluene-d8	101		70 - 130
4-Bromofluorobenzene	103		70 - 130

Lab Sample ID: 12D1636-MSD1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Acetone	ND		250	241		ug/L wet		96	45 - 141	0.5	21
Benzene	ND		50.0	58.0		ug/L wet		116	75 - 133	3	17
Bromochloromethane	ND		50.0	54.4		ug/L wet		109	67 - 139	4	17
Bromodichloromethane	ND		50.0	55.8		ug/L wet		112	70 - 140	1	18
Bromoform	ND		50.0	56.7		ug/L wet		113	42 - 147	4	16
Bromomethane	ND		50.0	66.5		ug/L wet		133	16 - 163	2	50
2-Butanone	ND		250	236		ug/L wet		94	50 - 138	1	19
Carbon disulfide	ND		50.0	52.1		ug/L wet		104	48 - 152	4	21
Carbon Tetrachloride	ND		50.0	63.1		ug/L wet		126	62 - 164	0.6	19
Chlorobenzene	ND		50.0	55.3		ug/L wet		111	80 - 129	2	14
Chlorodibromomethane	ND		50.0	60.4		ug/L wet		121	66 - 140	5	15
Chloroethane	ND		50.0	60.2		ug/L wet		120	58 - 137	4	20
Chloroform	ND		50.0	59.5		ug/L wet		119	66 - 138	2	18
Chloromethane	ND		50.0	58.8		ug/L wet		118	10 - 169	5	31
Cyclohexane	ND		50.0	58.2		ug/L wet		116	58 - 144	1	16
1,2-Dibromo-3-chloropropane	ND		50.0	50.4		ug/L wet		101	52 - 126	2	24
1,2-Dibromoethane (EDB)	ND		50.0	53.3		ug/L wet		107	75 - 137	2	15
1,2-Dichlorobenzene	ND		50.0	52.3		ug/L wet		105	79 - 128	2	15
1,3-Dichlorobenzene	ND		50.0	54.1		ug/L wet		108	77 - 131	3	15
1,4-Dichlorobenzene	ND		50.0	54.2		ug/L wet		108	78 - 126	3	15
Dichlorodifluoromethane	ND		50.0	55.0		ug/L wet		110	40 - 127	2	18

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-MSD1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane	ND		50.0	56.2		ug/L wet		112	64 - 136	0.9	17
1,1-Dichloroethane	ND		50.0	61.1		ug/L wet		122	71 - 139	3	17
1,1-Dichloroethene	ND		50.0	57.0		ug/L wet		114	70 - 142	3	17
trans-1,2-Dichloroethene	ND		50.0	60.8		ug/L wet		122	66 - 143	2	16
cis-1,2-Dichloroethene	ND		50.0	60.1		ug/L wet		120	68 - 138	3	17
1,2-Dichloropropane	ND		50.0	52.8		ug/L wet		106	67 - 131	2	17
trans-1,3-Dichloropropene	ND		50.0	55.2		ug/L wet		110	59 - 135	4	14
cis-1,3-Dichloropropene	ND		50.0	58.1		ug/L wet		116	71 - 141	1	15
Ethylbenzene	ND		50.0	59.6		ug/L wet		119	79 - 139	4	15
2-Hexanone	ND		250	271		ug/L wet		109	50 - 150	4	15
Isopropylbenzene	ND		50.0	63.3		ug/L wet		127	80 - 153	2	16
Methyl Acetate	ND		50.0	32.1		ug/L wet		64	30 - 165	2	31
Methylcyclohexane	ND		50.0	51.0		ug/L wet		102	59 - 151	2	19
Methyl tert-Butyl Ether	ND		50.0	52.8		ug/L wet		106	66 - 141	4	16
Methylene Chloride	ND		50.0	54.5		ug/L wet		109	64 - 139	5	17
4-Methyl-2-pentanone	ND		250	258		ug/L wet		103	50 - 147	6	17
n-Propylbenzene	ND		50.0	57.9		ug/L wet		116	69 - 142	0.3	17
Styrene	ND		50.0	58.5		ug/L wet		117	61 - 148	5	24
1,1,2,2-Tetrachloroethane	ND		50.0	52.4		ug/L wet		105	56 - 143	0.7	20
Tetrachloroethene	ND		50.0	53.2		ug/L wet		106	72 - 145	0.9	16
Tetrahydrofuran	ND		500	511		ug/L wet		102	34 - 133	2	18
Toluene	ND		50.0	56.2		ug/L wet		112	75 - 136	3	15
1,2,4-Trichlorobenzene	ND		50.0	50.4		ug/L wet		101	60 - 136	3	19
1,1,1-Trichloroethane	ND		50.0	61.7		ug/L wet		123	76 - 149	0.8	17
1,1,2-Trichloroethane	ND		50.0	52.5		ug/L wet		105	74 - 134	3	15
Trichloroethene	ND		50.0	55.7		ug/L wet		111	73 - 144	2	17
Trichlorofluoromethane	ND		50.0	55.5		ug/L wet		111	58 - 139	3	18
Vinyl chloride	ND		50.0	63.2		ug/L wet		126	56 - 129	5	17
Xylenes, total	ND		150	175		ug/L wet		117	74 - 141	3	15
1,1,2-Trifluorotrichloroethane	ND		50.0	60.1		ug/L wet		120	72 - 148	4	18

Matrix Spike Dup Matrix Spike Dup

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4	106		70 - 130
Dibromofluoromethane	104		70 - 130
Toluene-d8	103		70 - 130
4-Bromofluorobenzene	104		70 - 130

Lab Sample ID: 12D1831-BLK1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Benzene	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Bromochloromethane	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Bromoform	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Bromomethane	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
2-Butanone	ND		50.0	25.0	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1831-BLK1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Chlorobenzene	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Chloroethane	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Chloroform	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Chloromethane	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Cyclohexane	ND		5.00	2.50	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Ethylbenzene	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
2-Hexanone	ND		10.0	5.00	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Methyl Acetate	ND		10.0	5.00	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Methylene Chloride	ND		5.00	2.50	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Styrene	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Toluene	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Trichloroethene	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Vinyl chloride	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
Xylenes, total	ND		3.00	1.50	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L wet		04/09/12 10:25	04/09/12 13:09	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	100		70 - 130	04/09/12 10:25	04/09/12 13:09	1.00
Dibromofluoromethane	101		70 - 130	04/09/12 10:25	04/09/12 13:09	1.00
Toluene-d8	100		70 - 130	04/09/12 10:25	04/09/12 13:09	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1831-BLK1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1831_P

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		70 - 130	04/09/12 10:25	04/09/12 13:09	1.00

Lab Sample ID: 12D1831-BS1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	292		ug/L		117	54 - 145
Benzene	50.0	51.6		ug/L		103	80 - 121
Bromochloromethane	50.0	49.7		ug/L		99	78 - 129
Bromodichloromethane	50.0	51.0		ug/L		102	75 - 129
Bromoform	50.0	53.1		ug/L		106	46 - 145
Bromomethane	50.0	52.6		ug/L		105	41 - 150
2-Butanone	250	253		ug/L		101	62 - 133
Carbon disulfide	50.0	43.4		ug/L		87	77 - 126
Carbon Tetrachloride	50.0	49.4		ug/L		99	64 - 147
Chlorobenzene	50.0	48.4		ug/L		97	80 - 120
Chlorodibromomethane	50.0	54.8		ug/L		110	69 - 133
Chloroethane	50.0	48.8		ug/L		98	72 - 120
Chloroform	50.0	53.0		ug/L		106	73 - 129
Chloromethane	50.0	48.9		ug/L		98	12 - 150
Cyclohexane	50.0	50.9		ug/L		102	73 - 122
1,2-Dibromo-3-chloropropane	50.0	49.5		ug/L		99	54 - 125
1,2-Dibromoethane (EDB)	50.0	53.2		ug/L		106	80 - 129
1,2-Dichlorobenzene	50.0	51.7		ug/L		103	80 - 121
1,3-Dichlorobenzene	50.0	51.7		ug/L		103	80 - 122
1,4-Dichlorobenzene	50.0	50.9		ug/L		102	80 - 120
Dichlorodifluoromethane	50.0	49.2		ug/L		98	37 - 127
1,2-Dichloroethane	50.0	49.2		ug/L		98	77 - 121
1,1-Dichloroethane	50.0	45.2		ug/L		90	78 - 125
1,1-Dichloroethene	50.0	43.8		ug/L		88	79 - 124
trans-1,2-Dichloroethene	50.0	45.5		ug/L		91	79 - 126
cis-1,2-Dichloroethene	50.0	48.9		ug/L		98	76 - 125
1,2-Dichloropropane	50.0	50.7		ug/L		101	75 - 120
trans-1,3-Dichloropropene	50.0	52.8		ug/L		106	63 - 134
cis-1,3-Dichloropropene	50.0	54.9		ug/L		110	74 - 140
Ethylbenzene	50.0	48.7		ug/L		97	80 - 130
2-Hexanone	250	287		ug/L		115	60 - 142
Isopropylbenzene	50.0	52.3		ug/L		105	80 - 141
Methyl Acetate	50.0	31.8		ug/L		64	64 - 150
Methylcyclohexane	50.0	50.0		ug/L		100	71 - 129
Methyl tert-Butyl Ether	50.0	44.9		ug/L		90	72 - 133
Methylene Chloride	50.0	48.1		ug/L		96	79 - 123
4-Methyl-2-pentanone	250	278		ug/L		111	60 - 137
n-Propylbenzene	50.0	51.0		ug/L		102	75 - 129
Styrene	50.0	50.8		ug/L		102	80 - 127
1,1,1,2-Tetrachloroethane	50.0	54.1		ug/L		108	69 - 131
Tetrachloroethene	50.0	48.0		ug/L		96	80 - 126
Tetrahydrofuran	500	551		ug/L		110	51 - 124

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1831-BS1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	50.0	49.6		ug/L		99	80 - 126
1,2,4-Trichlorobenzene	50.0	56.8		ug/L		114	63 - 133
1,1,1-Trichloroethane	50.0	49.2		ug/L		98	78 - 135
1,1,2-Trichloroethane	50.0	52.1		ug/L		104	80 - 124
Trichloroethene	50.0	49.7		ug/L		99	80 - 123
Trichlorofluoromethane	50.0	39.3		ug/L		79	65 - 124
Vinyl chloride	50.0	52.4		ug/L		105	68 - 120
Xylenes, total	150	145		ug/L		97	80 - 132
1,1,2-Trifluorotrichloroethane	50.0	44.8		ug/L		90	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	96		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8	101		70 - 130
4-Bromofluorobenzene	99		70 - 130

Lab Sample ID: 12D1831-BS1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	250	295		ug/L		118	54 - 145	0.9	21
Benzene	50.0	51.7		ug/L		103	80 - 121	0.2	17
Bromochloromethane	50.0	50.8		ug/L		102	78 - 129	2	17
Bromodichloromethane	50.0	51.4		ug/L		103	75 - 129	0.9	18
Bromoform	50.0	53.8		ug/L		108	46 - 145	1	16
Bromomethane	50.0	52.8		ug/L		106	41 - 150	0.6	50
2-Butanone	250	259		ug/L		103	62 - 133	2	19
Carbon disulfide	50.0	43.9		ug/L		88	77 - 126	1	21
Carbon Tetrachloride	50.0	49.9		ug/L		100	64 - 147	1	19
Chlorobenzene	50.0	48.6		ug/L		97	80 - 120	0.5	14
Chlorodibromomethane	50.0	55.2		ug/L		110	69 - 133	0.7	15
Chloroethane	50.0	49.4		ug/L		99	72 - 120	1	20
Chloroform	50.0	52.9		ug/L		106	73 - 129	0.09	18
Chloromethane	50.0	50.9		ug/L		102	12 - 150	4	31
Cyclohexane	50.0	51.4		ug/L		103	73 - 122	0.9	16
1,2-Dibromo-3-chloropropane	50.0	50.4		ug/L		101	54 - 125	2	24
1,2-Dibromoethane (EDB)	50.0	54.4		ug/L		109	80 - 129	2	15
1,2-Dichlorobenzene	50.0	52.3		ug/L		105	80 - 121	1	15
1,3-Dichlorobenzene	50.0	51.5		ug/L		103	80 - 122	0.5	15
1,4-Dichlorobenzene	50.0	50.8		ug/L		102	80 - 120	0.1	15
Dichlorodifluoromethane	50.0	50.0		ug/L		100	37 - 127	2	18
1,2-Dichloroethane	50.0	49.8		ug/L		100	77 - 121	1	17
1,1-Dichloroethane	50.0	45.4		ug/L		91	78 - 125	0.4	17
1,1-Dichloroethene	50.0	43.8		ug/L		88	79 - 124	0	17
trans-1,2-Dichloroethene	50.0	45.5		ug/L		91	79 - 126	0.2	16
cis-1,2-Dichloroethene	50.0	48.8		ug/L		98	76 - 125	0.3	17
1,2-Dichloropropane	50.0	51.1		ug/L		102	75 - 120	0.9	17
trans-1,3-Dichloropropene	50.0	53.0		ug/L		106	63 - 134	0.3	14

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1831-BS1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
cis-1,3-Dichloropropene	50.0	55.0		ug/L		110	74 - 140	0.07		15
Ethylbenzene	50.0	48.6		ug/L		97	80 - 130	0.1		15
2-Hexanone	250	296		ug/L		119	60 - 142	3		15
Isopropylbenzene	50.0	52.2		ug/L		104	80 - 141	0.2		16
Methyl Acetate	50.0	32.5		ug/L		65	64 - 150	2		31
Methylcyclohexane	50.0	50.1		ug/L		100	71 - 129	0.3		19
Methyl tert-Butyl Ether	50.0	45.6		ug/L		91	72 - 133	2		16
Methylene Chloride	50.0	48.5		ug/L		97	79 - 123	0.9		17
4-Methyl-2-pentanone	250	282		ug/L		113	60 - 137	1		17
n-Propylbenzene	50.0	50.7		ug/L		101	75 - 129	0.7		17
Styrene	50.0	51.0		ug/L		102	80 - 127	0.5		24
1,1,2,2-Tetrachloroethane	50.0	54.6		ug/L		109	69 - 131	0.9		20
Tetrachloroethene	50.0	48.0		ug/L		96	80 - 126	0.04		16
Tetrahydrofuran	500	565		ug/L		113	51 - 124	2		18
Toluene	50.0	49.4		ug/L		99	80 - 126	0.3		15
1,2,4-Trichlorobenzene	50.0	56.8		ug/L		114	63 - 133	0.1		19
1,1,1-Trichloroethane	50.0	49.8		ug/L		100	78 - 135	1		17
1,1,2-Trichloroethane	50.0	52.4		ug/L		105	80 - 124	0.5		15
Trichloroethene	50.0	50.0		ug/L		100	80 - 123	0.5		17
Trichlorofluoromethane	50.0	39.6		ug/L		79	65 - 124	0.8		18
Vinyl chloride	50.0	52.9		ug/L		106	68 - 120	0.8		17
Xylenes, total	150	145		ug/L		97	80 - 132	0.09		15
1,1,2-Trifluorotrichloroethane	50.0	45.3		ug/L		91	77 - 129	0.9		18

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
1,2-Dichloroethane-d4	97		70 - 130
Dibromofluoromethane	102		70 - 130
Toluene-d8	101		70 - 130
4-Bromofluorobenzene	99		70 - 130

Lab Sample ID: 12D1831-MS1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec.	
									Limits	RPD
Acetone	ND		250	256		ug/L wet		102	45 - 141	
Benzene	ND		50.0	56.8		ug/L wet		114	75 - 133	
Bromochloromethane	ND		50.0	54.3		ug/L wet		109	67 - 139	
Bromodichloromethane	0.910		50.0	54.9		ug/L wet		108	70 - 140	
Bromoform	ND		50.0	53.5		ug/L wet		107	42 - 147	
Bromomethane	ND		50.0	60.9		ug/L wet		122	16 - 163	
2-Butanone	ND		250	255		ug/L wet		102	50 - 138	
Carbon disulfide	ND		50.0	49.7		ug/L wet		99	48 - 152	
Carbon Tetrachloride	ND		50.0	57.4		ug/L wet		115	62 - 164	
Chlorobenzene	ND		50.0	51.9		ug/L wet		104	80 - 129	
Chlorodibromomethane	ND		50.0	57.1		ug/L wet		114	66 - 140	
Chloroethane	ND		50.0	55.1		ug/L wet		110	58 - 137	
Chloroform	11.9		50.0	66.7		ug/L wet		110	66 - 138	
Chloromethane	ND		50.0	57.1		ug/L wet		114	10 - 169	

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1831-MS1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Cyclohexane	ND		50.0	61.6		ug/L wet		123	58 - 144
1,2-Dibromo-3-chloropropane	ND		50.0	49.3		ug/L wet		99	52 - 126
1,2-Dibromoethane (EDB)	ND		50.0	55.8		ug/L wet		112	75 - 137
1,2-Dichlorobenzene	ND		50.0	55.0		ug/L wet		110	79 - 128
1,3-Dichlorobenzene	ND		50.0	54.9		ug/L wet		110	77 - 131
1,4-Dichlorobenzene	ND		50.0	54.2		ug/L wet		108	78 - 126
Dichlorodifluoromethane	ND		50.0	54.8		ug/L wet		110	40 - 127
1,2-Dichloroethane	ND		50.0	52.7		ug/L wet		105	64 - 136
1,1-Dichloroethane	ND		50.0	49.6		ug/L wet		99	71 - 139
1,1-Dichloroethene	ND		50.0	51.8		ug/L wet		104	70 - 142
trans-1,2-Dichloroethene	ND		50.0	50.6		ug/L wet		101	66 - 143
cis-1,2-Dichloroethene	ND		50.0	53.7		ug/L wet		107	68 - 138
1,2-Dichloropropane	ND		50.0	54.2		ug/L wet		108	67 - 131
trans-1,3-Dichloropropene	ND		50.0	53.9		ug/L wet		108	59 - 135
cis-1,3-Dichloropropene	ND		50.0	57.2		ug/L wet		114	71 - 141
Ethylbenzene	ND		50.0	53.1		ug/L wet		106	79 - 139
2-Hexanone	ND		250	285		ug/L wet		114	50 - 150
Isopropylbenzene	ND		50.0	57.1		ug/L wet		114	80 - 153
Methyl Acetate	ND		50.0	31.1		ug/L wet		62	30 - 165
Methylcyclohexane	ND		50.0	60.2		ug/L wet		120	59 - 151
Methyl tert-Butyl Ether	ND		50.0	46.6		ug/L wet		93	66 - 141
Methylene Chloride	ND		50.0	51.3		ug/L wet		103	64 - 139
4-Methyl-2-pentanone	ND		250	279		ug/L wet		112	50 - 147
n-Propylbenzene	ND		50.0	55.9		ug/L wet		112	69 - 142
Styrene	ND		50.0	54.3		ug/L wet		109	61 - 148
1,1,2,2-Tetrachloroethane	ND		50.0	55.5		ug/L wet		111	56 - 143
Tetrachloroethene	ND		50.0	53.8		ug/L wet		108	72 - 145
Tetrahydrofuran	ND		500	572		ug/L wet		114	34 - 133
Toluene	ND		50.0	53.7		ug/L wet		107	75 - 136
1,2,4-Trichlorobenzene	ND		50.0	58.6		ug/L wet		117	60 - 136
1,1,1-Trichloroethane	ND		50.0	55.4		ug/L wet		111	76 - 149
1,1,2-Trichloroethane	ND		50.0	54.5		ug/L wet		109	74 - 134
Trichloroethene	ND		50.0	55.3		ug/L wet		111	73 - 144
Trichlorofluoromethane	ND		50.0	48.2		ug/L wet		96	58 - 139
Vinyl chloride	ND		50.0	60.8		ug/L wet		122	56 - 129
Xylenes, total	ND		150	157		ug/L wet		105	74 - 141
1,1,2-Trifluorotrichloroethane	ND		50.0	54.6		ug/L wet		109	72 - 148

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	96		70 - 130
Dibromofluoromethane	103		70 - 130
Toluene-d8	99		70 - 130
4-Bromofluorobenzene	99		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1831-MSD1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Sample	Sample	Spike	Matrix Spike Dup	Matrix Spike Dup	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Acetone	ND		250	261		ug/L wet		104	45 - 141	2	21
Benzene	ND		50.0	57.1		ug/L wet		114	75 - 133	0.5	17
Bromochloromethane	ND		50.0	53.4		ug/L wet		107	67 - 139	2	17
Bromodichloromethane	0.910		50.0	55.2		ug/L wet		109	70 - 140	0.6	18
Bromoform	ND		50.0	53.4		ug/L wet		107	42 - 147	0.1	16
Bromomethane	ND		50.0	63.1		ug/L wet		126	16 - 163	4	50
2-Butanone	ND		250	252		ug/L wet		101	50 - 138	1	19
Carbon disulfide	ND		50.0	50.4		ug/L wet		101	48 - 152	1	21
Carbon Tetrachloride	ND		50.0	57.2		ug/L wet		114	62 - 164	0.4	19
Chlorobenzene	ND		50.0	52.2		ug/L wet		104	80 - 129	0.7	14
Chlorodibromomethane	ND		50.0	56.7		ug/L wet		113	66 - 140	0.7	15
Chloroethane	ND		50.0	54.8		ug/L wet		110	58 - 137	0.5	20
Chloroform	11.9		50.0	67.2		ug/L wet		110	66 - 138	0.6	18
Chloromethane	ND		50.0	57.4		ug/L wet		115	10 - 169	0.5	31
Cyclohexane	ND		50.0	61.7		ug/L wet		123	58 - 144	0.2	16
1,2-Dibromo-3-chloropropane	ND		50.0	49.1		ug/L wet		98	52 - 126	0.4	24
1,2-Dibromoethane (EDB)	ND		50.0	55.2		ug/L wet		110	75 - 137	1	15
1,2-Dichlorobenzene	ND		50.0	54.9		ug/L wet		110	79 - 128	0.2	15
1,3-Dichlorobenzene	ND		50.0	54.8		ug/L wet		110	77 - 131	0.09	15
1,4-Dichlorobenzene	ND		50.0	54.4		ug/L wet		109	78 - 126	0.2	15
Dichlorodifluoromethane	ND		50.0	54.2		ug/L wet		108	40 - 127	1	18
1,2-Dichloroethane	ND		50.0	52.2		ug/L wet		104	64 - 136	0.9	17
1,1-Dichloroethane	ND		50.0	49.6		ug/L wet		99	71 - 139	0.04	17
1,1-Dichloroethene	ND		50.0	51.7		ug/L wet		103	70 - 142	0.3	17
trans-1,2-Dichloroethene	ND		50.0	50.8		ug/L wet		102	66 - 143	0.5	16
cis-1,2-Dichloroethene	ND		50.0	53.4		ug/L wet		107	68 - 138	0.5	17
1,2-Dichloropropane	ND		50.0	54.7		ug/L wet		109	67 - 131	1	17
trans-1,3-Dichloropropene	ND		50.0	53.7		ug/L wet		107	59 - 135	0.3	14
cis-1,3-Dichloropropene	ND		50.0	57.0		ug/L wet		114	71 - 141	0.3	15
Ethylbenzene	ND		50.0	53.3		ug/L wet		107	79 - 139	0.4	15
2-Hexanone	ND		250	283		ug/L wet		113	50 - 150	0.7	15
Isopropylbenzene	ND		50.0	57.6		ug/L wet		115	80 - 153	0.9	16
Methyl Acetate	ND		50.0	30.8		ug/L wet		62	30 - 165	1	31
Methylcyclohexane	ND		50.0	60.4		ug/L wet		121	59 - 151	0.3	19
Methyl tert-Butyl Ether	ND		50.0	45.9		ug/L wet		92	66 - 141	2	16
Methylene Chloride	ND		50.0	51.2		ug/L wet		102	64 - 139	0.3	17
4-Methyl-2-pentanone	ND		250	277		ug/L wet		111	50 - 147	0.8	17
n-Propylbenzene	ND		50.0	56.2		ug/L wet		112	69 - 142	0.6	17
Styrene	ND		50.0	54.2		ug/L wet		108	61 - 148	0.04	24
1,1,2,2-Tetrachloroethane	ND		50.0	54.9		ug/L wet		110	56 - 143	1	20
Tetrachloroethene	ND		50.0	53.9		ug/L wet		108	72 - 145	0.1	16
Tetrahydrofuran	ND		500	565		ug/L wet		113	34 - 133	1	18
Toluene	ND		50.0	54.0		ug/L wet		108	75 - 136	0.6	15
1,2,4-Trichlorobenzene	ND		50.0	59.6		ug/L wet		119	60 - 136	2	19
1,1,1-Trichloroethane	ND		50.0	55.8		ug/L wet		112	76 - 149	0.7	17
1,1,2-Trichloroethane	ND		50.0	53.8		ug/L wet		108	74 - 134	1	15
Trichloroethene	ND		50.0	55.8		ug/L wet		112	73 - 144	1	17
Trichlorofluoromethane	ND		50.0	48.6		ug/L wet		97	58 - 139	0.8	18
Vinyl chloride	ND		50.0	61.2		ug/L wet		122	56 - 129	0.6	17

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1831-MSD1

Matrix: Water

Analysis Batch: V005867

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1831_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Xylenes, total	ND		150	158		ug/L wet		105	74 - 141	0.6	15
1,1,2-Trifluorotrichloroethane	ND		50.0	54.4		ug/L wet		109	72 - 148	0.2	18
Matrix Spike Dup											
Surrogate	%Recovery	Qualifier	Limits								
1,2-Dichloroethane-d4	96		70 - 130								
Dibromofluoromethane	101		70 - 130								
Toluene-d8	99		70 - 130								
4-Bromofluorobenzene	100		70 - 130								

Lab Sample ID: 12D2068-BLK1

Matrix: Soil

Analysis Batch: V005953

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D2068_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0500	0.0250	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Benzene	ND		0.00200	0.00110	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Bromochloromethane	ND		0.00200	0.00120	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Bromodichloromethane	ND		0.00200	0.00100	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Bromoform	ND		0.00200	0.00100	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Bromomethane	ND		0.00200	0.00120	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
2-Butanone	ND		0.0500	0.0250	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Carbon disulfide	ND		0.00500	0.00360	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Carbon Tetrachloride	ND		0.00200	0.00100	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Chlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Chlorodibromomethane	ND		0.00200	0.00100	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Chloroethane	ND		0.00500	0.00250	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Chloroform	0.00467		0.00200	0.00130	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Chloromethane	ND		0.00200	0.00110	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Cyclohexane	ND		0.0100	0.00500	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
1,2-Dibromo-3-chloropropane	ND		0.00500	0.00250	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
1,2-Dibromoethane (EDB)	ND		0.00200	0.00100	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
1,2-Dichlorobenzene	ND		0.00200	0.00100	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
1,3-Dichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
1,4-Dichlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Dichlorodifluoromethane	ND		0.00200	0.00140	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
1,2-Dichloroethane	ND		0.00200	0.00110	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
1,1-Dichloroethane	ND		0.00200	0.00130	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
1,1-Dichloroethene	ND		0.00200	0.00120	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
trans-1,2-Dichloroethene	ND		0.00200	0.00130	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
cis-1,2-Dichloroethene	ND		0.00200	0.00110	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
1,2-Dichloropropane	ND		0.00200	0.00100	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
trans-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
cis-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Ethylbenzene	ND		0.00200	0.00110	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
2-Hexanone	ND		0.0500	0.0250	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Isopropylbenzene	ND		0.00200	0.00110	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Methyl Acetate	ND		0.0100	0.00500	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Methylcyclohexane	ND		0.0100	0.00500	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Methyl tert-Butyl Ether	ND		0.00200	0.00100	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D2068-BLK1

Matrix: Soil

Analysis Batch: V005953

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D2068_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		0.0100	0.00500	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
4-Methyl-2-pentanone	ND		0.0500	0.0250	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
n-Propylbenzene	ND		0.00200	0.00110	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Styrene	ND		0.00200	0.00110	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
1,1,2,2-Tetrachloroethane	ND		0.00200	0.00100	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Tetrachloroethene	ND		0.00200	0.00130	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Tetrahydrofuran	ND		0.0200	0.0100	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Toluene	ND		0.00200	0.00110	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
1,2,4-Trichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
1,1,1-Trichloroethane	ND		0.00200	0.00100	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
1,1,2-Trichloroethane	ND		0.00500	0.00250	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Trichloroethene	ND		0.00200	0.00100	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Trichlorofluoromethane	ND		0.00200	0.00100	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Vinyl chloride	ND		0.00200	0.00100	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
Xylenes, total	ND		0.00500	0.00250	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00200	0.00110	mg/kg wet		04/11/12 00:03	04/11/12 12:52	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	118		70 - 130	04/11/12 00:03	04/11/12 12:52	1.00
Dibromofluoromethane	103		70 - 130	04/11/12 00:03	04/11/12 12:52	1.00
Toluene-d8	104		70 - 130	04/11/12 00:03	04/11/12 12:52	1.00
4-Bromofluorobenzene	118		70 - 130	04/11/12 00:03	04/11/12 12:52	1.00

Lab Sample ID: 12D2068-BLK2

Matrix: Soil

Analysis Batch: V005953

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D2068_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2.50	1.25	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Benzene	ND		0.100	0.0550	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Bromochloromethane	ND		0.100	0.0600	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Bromodichloromethane	ND		0.100	0.0500	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Bromoform	ND		0.100	0.0500	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Bromomethane	ND		0.100	0.0600	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
2-Butanone	ND		2.50	1.25	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Carbon disulfide	ND		0.250	0.180	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Carbon Tetrachloride	ND		0.100	0.0500	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Chlorobenzene	ND		0.100	0.0550	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Chlorodibromomethane	ND		0.100	0.0500	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Chloroethane	ND		0.250	0.125	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Chloroform	0.336		0.100	0.0650	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Chloromethane	ND		0.100	0.0550	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Cyclohexane	ND		0.500	0.250	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
1,2-Dibromo-3-chloropropane	ND		0.250	0.125	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
1,2-Dibromoethane (EDB)	ND		0.100	0.0500	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
1,2-Dichlorobenzene	ND		0.100	0.0500	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
1,3-Dichlorobenzene	ND		0.100	0.0600	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
1,4-Dichlorobenzene	ND		0.100	0.0550	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Dichlorodifluoromethane	ND		0.100	0.0700	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D2068-BLK2

Matrix: Soil

Analysis Batch: V005953

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D2068_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.100	0.0550	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
1,1-Dichloroethane	ND		0.100	0.0650	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
1,1-Dichloroethene	ND		0.100	0.0600	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
trans-1,2-Dichloroethene	ND		0.100	0.0650	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
cis-1,2-Dichloroethene	ND		0.100	0.0550	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
1,2-Dichloropropane	ND		0.100	0.0500	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
trans-1,3-Dichloropropene	ND		0.100	0.0500	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
cis-1,3-Dichloropropene	ND		0.100	0.0500	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Ethylbenzene	ND		0.100	0.0550	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
2-Hexanone	ND		2.50	1.25	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Isopropylbenzene	ND		0.100	0.0550	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Methyl Acetate	ND		0.500	0.250	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Methylcyclohexane	ND		0.500	0.250	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Methyl tert-Butyl Ether	ND		0.100	0.0500	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Methylene Chloride	ND		0.500	0.250	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
4-Methyl-2-pentanone	ND		2.50	1.25	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
n-Propylbenzene	ND		0.100	0.0550	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Styrene	ND		0.100	0.0550	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
1,1,2,2-Tetrachloroethane	ND		0.100	0.0500	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Tetrachloroethene	ND		0.100	0.0650	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Tetrahydrofuran	ND		1.00	0.500	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Toluene	ND		0.100	0.0550	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
1,2,4-Trichlorobenzene	ND		0.100	0.0600	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
1,1,1-Trichloroethane	ND		0.100	0.0500	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
1,1,2-Trichloroethane	ND		0.250	0.125	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Trichloroethene	ND		0.100	0.0500	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Trichlorofluoromethane	ND		0.100	0.0500	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Vinyl chloride	ND		0.100	0.0500	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
Xylenes, total	ND		0.250	0.125	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0
1,1,2-Trifluorotrichloroethane	ND		0.100	0.0550	mg/kg wet		04/11/12 00:03	04/11/12 13:23	50.0

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	105		70 - 130	04/11/12 00:03	04/11/12 13:23	50.0
Dibromofluoromethane	100		70 - 130	04/11/12 00:03	04/11/12 13:23	50.0
Toluene-d8	108		70 - 130	04/11/12 00:03	04/11/12 13:23	50.0
4-Bromofluorobenzene	119		70 - 130	04/11/12 00:03	04/11/12 13:23	50.0

Lab Sample ID: 12D2068-BS1

Matrix: Soil

Analysis Batch: V005953

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D2068_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	278		ug/kg		111	51 - 149
Benzene	50.0	52.8		ug/kg		106	75 - 127
Bromochloromethane	50.0	48.7		ug/kg		97	70 - 132
Bromodichloromethane	50.0	55.3		ug/kg		111	68 - 135
Bromoform	50.0	49.8		ug/kg		100	36 - 150
Bromomethane	50.0	58.0		ug/kg		116	43 - 142
2-Butanone	250	257		ug/kg		103	61 - 132

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D2068-BS1

Matrix: Soil

Analysis Batch: V005953

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D2068_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon disulfide	50.0	51.2		ug/kg		102	74 - 135
Carbon Tetrachloride	50.0	56.8		ug/kg		114	70 - 141
Chlorobenzene	50.0	53.5		ug/kg		107	84 - 125
Chlorodibromomethane	50.0	54.2		ug/kg		108	66 - 134
Chloroethane	50.0	63.9		ug/kg		128	53 - 144
Chloroform	50.0	59.6		ug/kg		119	76 - 130
Chloromethane	50.0	47.6		ug/kg		95	23 - 150
Cyclohexane	50.0	57.4		ug/kg		115	70 - 133
1,2-Dibromo-3-chloropropane	50.0	55.3		ug/kg		111	49 - 142
1,2-Dibromoethane (EDB)	50.0	54.8		ug/kg		110	80 - 135
1,2-Dichlorobenzene	50.0	58.3		ug/kg		117	80 - 134
1,3-Dichlorobenzene	50.0	59.3		ug/kg		119	79 - 137
1,4-Dichlorobenzene	50.0	60.0		ug/kg		120	77 - 139
Dichlorodifluoromethane	50.0	19.4		ug/kg		39	12 - 144
1,2-Dichloroethane	50.0	60.2		ug/kg		120	65 - 134
1,1-Dichloroethane	50.0	57.3		ug/kg		115	75 - 124
1,1-Dichloroethene	50.0	49.4		ug/kg		99	75 - 131
trans-1,2-Dichloroethene	50.0	54.7		ug/kg		109	76 - 128
cis-1,2-Dichloroethene	50.0	56.9		ug/kg		114	75 - 125
1,2-Dichloropropane	50.0	53.6		ug/kg		107	69 - 120
trans-1,3-Dichloropropene	50.0	60.4		ug/kg		121	62 - 139
cis-1,3-Dichloropropene	50.0	66.2		ug/kg		132	73 - 148
Ethylbenzene	50.0	58.0		ug/kg		116	80 - 134
2-Hexanone	250	294		ug/kg		118	57 - 148
Isopropylbenzene	50.0	59.9		ug/kg		120	80 - 150
Methyl Acetate	50.0	130	L1	ug/kg		260	11 - 170
Methylcyclohexane	50.0	54.9		ug/kg		110	69 - 140
Methyl tert-Butyl Ether	50.0	54.6		ug/kg		109	70 - 136
Methylene Chloride	50.0	53.4		ug/kg		107	68 - 144
4-Methyl-2-pentanone	250	286		ug/kg		114	59 - 138
n-Propylbenzene	50.0	66.4		ug/kg		133	75 - 137
Styrene	50.0	55.8		ug/kg		112	82 - 137
1,1,2,2-Tetrachloroethane	50.0	62.9		ug/kg		126	66 - 134
Tetrachloroethene	50.0	52.5		ug/kg		105	78 - 140
Tetrahydrofuran	500	566		ug/kg		113	53 - 134
Toluene	50.0	54.2		ug/kg		108	80 - 132
1,2,4-Trichlorobenzene	50.0	65.6		ug/kg		131	62 - 150
1,1,1-Trichloroethane	50.0	56.2		ug/kg		112	72 - 140
1,1,2-Trichloroethane	50.0	52.9		ug/kg		106	78 - 128
Trichloroethene	50.0	49.0		ug/kg		98	77 - 127
Trichlorofluoromethane	50.0	50.8		ug/kg		102	50 - 140
Vinyl chloride	50.0	52.1		ug/kg		104	47 - 136
Xylenes, total	150	173		ug/kg		115	80 - 137
1,1,2-Trifluorotrichloroethane	50.0	52.3		ug/kg		105	67 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	115		70 - 130
Dibromofluoromethane	102		70 - 130
Toluene-d8	103		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D2068-BS1

Matrix: Soil

Analysis Batch: V005953

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D2068_P

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	117		70 - 130

Lab Sample ID: 12D2068-MS1

Matrix: Soil

Analysis Batch: V005953

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D2068_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Acetone	ND		250	236		ug/kg	☼	94	19 - 175
Benzene	18.4		50.0	55.4		ug/kg	☼	74	31 - 143
Bromochloromethane	ND		50.0	29.5		ug/kg	☼	59	31 - 141
Bromodichloromethane	ND		50.0	31.1		ug/kg	☼	62	19 - 148
Bromoform	ND		50.0	25.2		ug/kg	☼	50	10 - 165
Bromomethane	ND		50.0	29.6		ug/kg	☼	59	10 - 164
2-Butanone	ND		250	200		ug/kg	☼	80	18 - 153
Carbon disulfide	24.4		50.0	44.5		ug/kg	☼	40	32 - 144
Carbon Tetrachloride	ND		50.0	33.4		ug/kg	☼	67	31 - 149
Chlorobenzene	ND		50.0	40.0		ug/kg	☼	80	25 - 152
Chlorodibromomethane	ND		50.0	35.9		ug/kg	☼	72	14 - 146
Chloroethane	ND		50.0	39.2		ug/kg	☼	78	10 - 151
Chloroform	2.06		50.0	37.1		ug/kg	☼	70	34 - 160
Chloromethane	ND		50.0	30.3		ug/kg	☼	61	10 - 156
Cyclohexane	4.93		50.0	42.2		ug/kg	☼	75	32 - 158
1,2-Dibromo-3-chloropropane	ND		50.0	43.7	I	ug/kg	☼	87	10 - 147
1,2-Dibromoethane (EDB)	ND		50.0	34.8		ug/kg	☼	70	18 - 156
1,2-Dichlorobenzene	ND		50.0	51.5	I	ug/kg	☼	103	10 - 160
1,3-Dichlorobenzene	ND		50.0	56.7	I	ug/kg	☼	113	10 - 162
1,4-Dichlorobenzene	ND		50.0	50.2	I	ug/kg	☼	100	11 - 159
Dichlorodifluoromethane	ND		50.0	31.3		ug/kg	☼	63	10 - 143
1,2-Dichloroethane	ND		50.0	35.6		ug/kg	☼	71	28 - 138
1,1-Dichloroethane	ND		50.0	33.0		ug/kg	☼	66	42 - 136
1,1-Dichloroethene	ND		50.0	28.9		ug/kg	☼	58	41 - 143
trans-1,2-Dichloroethene	ND		50.0	28.9		ug/kg	☼	58	39 - 140
cis-1,2-Dichloroethene	ND		50.0	32.0		ug/kg	☼	64	36 - 139
1,2-Dichloropropane	ND		50.0	35.7		ug/kg	☼	71	20 - 146
trans-1,3-Dichloropropene	ND		50.0	35.2		ug/kg	☼	70	10 - 157
cis-1,3-Dichloropropene	ND		50.0	44.1		ug/kg	☼	88	15 - 166
Ethylbenzene	0.590		50.0	50.5		ug/kg	☼	100	23 - 161
2-Hexanone	ND		250	228		ug/kg	☼	91	10 - 169
Isopropylbenzene	ND		50.0	55.3		ug/kg	☼	111	23 - 181
Methyl Acetate	ND		50.0	96.6		ug/kg	☼	193	10 - 200
Methylcyclohexane	6.14		50.0	46.2		ug/kg	☼	80	29 - 167
Methyl tert-Butyl Ether	ND		50.0	36.3		ug/kg	☼	73	28 - 141
Methylene Chloride	ND		50.0	33.0		ug/kg	☼	66	24 - 182
4-Methyl-2-pentanone	ND		250	272		ug/kg	☼	109	10 - 168
n-Propylbenzene	ND		50.0	99.6	I	ug/kg	☼	199	19 - 162
Styrene	ND		50.0	36.5		ug/kg	☼	73	10 - 165
1,1,1,2-Tetrachloroethane	ND		50.0	82.8	I	ug/kg	☼	166	10 - 162
Tetrachloroethene	ND		50.0	47.5		ug/kg	☼	95	33 - 161
Tetrahydrofuran	ND		500	410		ug/kg	☼	82	23 - 149

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D2068-MS1

Matrix: Soil

Analysis Batch: V005953

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D2068_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Toluene	3.48		50.0	55.7		ug/kg	☼	104	30 - 155
1,2,4-Trichlorobenzene	ND		50.0	27.4	I	ug/kg	☼	55	10 - 167
1,1,1-Trichloroethane	ND		50.0	34.3		ug/kg	☼	69	35 - 149
1,1,2-Trichloroethane	ND		50.0	47.1		ug/kg	☼	94	19 - 157
Trichloroethene	ND		50.0	32.0		ug/kg	☼	64	27 - 153
Trichlorofluoromethane	ND		50.0	32.2		ug/kg	☼	64	25 - 137
Vinyl chloride	ND		50.0	37.1		ug/kg	☼	74	20 - 141
Xylenes, total	2.33		150	155		ug/kg	☼	102	25 - 162
1,1,2-Trifluorotrichloroethane	ND		50.0	34.9		ug/kg	☼	70	42 - 147

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	111		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8	131		70 - 130
4-Bromofluorobenzene	163	ZX	70 - 130

Lab Sample ID: 12D2068-MSD1

Matrix: Soil

Analysis Batch: V005953

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D2068_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Acetone	ND		250	254		ug/kg	☼	102	19 - 175	7	50
Benzene	17.2		50.0	48.9		ug/kg	☼	64	31 - 143	12	50
Bromochloromethane	ND		50.0	26.4		ug/kg	☼	53	31 - 141	11	50
Bromodichloromethane	ND		50.0	27.2		ug/kg	☼	54	19 - 148	13	50
Bromoform	ND		50.0	18.8		ug/kg	☼	38	10 - 165	29	50
Bromomethane	ND		50.0	33.5		ug/kg	☼	67	10 - 164	13	50
2-Butanone	ND		250	206		ug/kg	☼	82	18 - 153	3	50
Carbon disulfide	22.8		50.0	50.8		ug/kg	☼	56	32 - 144	13	50
Carbon Tetrachloride	ND		50.0	34.2		ug/kg	☼	68	31 - 149	2	50
Chlorobenzene	ND		50.0	28.4		ug/kg	☼	57	25 - 152	34	50
Chlorodibromomethane	ND		50.0	29.2		ug/kg	☼	58	14 - 146	21	50
Chloroethane	ND		50.0	41.4		ug/kg	☼	83	10 - 151	5	50
Chloroform	1.92		50.0	38.0		ug/kg	☼	72	34 - 160	2	49
Chloromethane	ND		50.0	30.1		ug/kg	☼	60	10 - 156	0.9	50
Cyclohexane	4.61		50.0	41.6		ug/kg	☼	74	32 - 158	1	50
1,2-Dibromo-3-chloropropane	ND		50.0	31.7	I	ug/kg	☼	63	10 - 147	32	50
1,2-Dibromoethane (EDB)	ND		50.0	25.2		ug/kg	☼	50	18 - 156	32	50
1,2-Dichlorobenzene	ND		50.0	33.1	I	ug/kg	☼	66	10 - 160	43	50
1,3-Dichlorobenzene	ND		50.0	34.1	I	ug/kg	☼	68	10 - 162	50	50
1,4-Dichlorobenzene	ND		50.0	29.4	I	ug/kg	☼	59	11 - 159	52	50
Dichlorodifluoromethane	ND		50.0	28.4		ug/kg	☼	57	10 - 143	10	50
1,2-Dichloroethane	ND		50.0	31.3		ug/kg	☼	63	28 - 138	13	50
1,1-Dichloroethane	ND		50.0	36.4		ug/kg	☼	73	42 - 136	10	50
1,1-Dichloroethene	ND		50.0	31.3		ug/kg	☼	63	41 - 143	8	50
trans-1,2-Dichloroethene	ND		50.0	29.3		ug/kg	☼	59	39 - 140	1	50
cis-1,2-Dichloroethene	ND		50.0	31.0		ug/kg	☼	62	36 - 139	3	50
1,2-Dichloropropane	ND		50.0	32.6		ug/kg	☼	65	20 - 146	9	50
trans-1,3-Dichloropropene	ND		50.0	24.0		ug/kg	☼	48	10 - 157	38	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D2068-MSD1

Matrix: Soil

Analysis Batch: V005953

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D2068_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	Limit
cis-1,3-Dichloropropene	ND		50.0	38.2		ug/kg	*	76	15 - 166	14	50
Ethylbenzene	0.551		50.0	39.9		ug/kg	*	79	23 - 161	24	50
2-Hexanone	ND		250	169		ug/kg	*	68	10 - 169	30	50
Isopropylbenzene	ND		50.0	44.6		ug/kg	*	89	23 - 181	21	50
Methyl Acetate	ND		50.0	111		ug/kg	*	222	10 - 200	14	50
Methylcyclohexane	5.74		50.0	42.0		ug/kg	*	72	29 - 167	10	50
Methyl tert-Butyl Ether	ND		50.0	41.0		ug/kg	*	82	28 - 141	12	50
Methylene Chloride	ND		50.0	35.7		ug/kg	*	71	24 - 182	8	50
4-Methyl-2-pentanone	ND		250	250		ug/kg	*	100	10 - 168	9	50
n-Propylbenzene	ND		50.0	74.8		ug/kg	*	150	19 - 162	28	50
Styrene	ND		50.0	25.0		ug/kg	*	50	10 - 165	38	50
1,1,2,2-Tetrachloroethane	ND		50.0	63.2		ug/kg	*	126	10 - 162	27	50
Tetrachloroethene	ND		50.0	38.0		ug/kg	*	76	33 - 161	22	50
Tetrahydrofuran	ND		500	411		ug/kg	*	82	23 - 149	0.2	50
Toluene	3.26		50.0	47.1		ug/kg	*	88	30 - 155	17	50
1,2,4-Trichlorobenzene	ND		50.0	16.7		ug/kg	*	33	10 - 167	49	50
1,1,1-Trichloroethane	ND		50.0	35.4		ug/kg	*	71	35 - 149	3	50
1,1,2-Trichloroethane	ND		50.0	37.2		ug/kg	*	74	19 - 157	23	50
Trichloroethene	ND		50.0	27.0		ug/kg	*	54	27 - 153	17	50
Trichlorofluoromethane	ND		50.0	34.6		ug/kg	*	69	25 - 137	7	50
Vinyl chloride	ND		50.0	35.0		ug/kg	*	70	20 - 141	6	50
Xylenes, total	2.17		150	122		ug/kg	*	80	25 - 162	24	50
1,1,2-Trifluorotrichloroethane	ND		50.0	39.1		ug/kg	*	78	42 - 147	12	50

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits
1,2-Dichloroethane-d4	110		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8	131		70 - 130
4-Bromofluorobenzene	167	ZX	70 - 130

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Lab Sample ID: 12D1981-BLK1

Matrix: Soil

Analysis Batch: 12D1981

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1981_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0670	0.0340	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Acenaphthylene	ND		0.0670	0.0340	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Acetophenone	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Anthracene	ND		0.0670	0.0340	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Atrazine	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Benzaldehyde	ND		1.67	0.835	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Benzo (a) anthracene	ND		0.0670	0.0340	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Benzo (b) fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Benzo (a) pyrene	ND		0.0670	0.0340	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Benzo (g,h,i) perylene	ND		0.0670	0.0340	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Benzo (k) fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Biphenyl	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1981-BLK1

Matrix: Soil

Analysis Batch: 12D1981

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1981_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Butyl benzyl phthalate	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
4-Chloro-3-methylphenol	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
4-Chloroaniline	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Caprolactam	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Carbazole	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
2-Chloronaphthalene	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Bis(2-chloroethoxy)methane	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Bis(2-chloroethyl)ether	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Bis(2-chloroisopropyl)ether	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
2-Chlorophenol	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
4-Chlorophenyl phenyl ether	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Chrysene	ND		0.0670	0.0340	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Dibenz (a,h) anthracene	ND		0.0670	0.0340	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Dibenzofuran	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Di-n-butyl phthalate	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
3,3-Dichlorobenzidine	ND		0.667	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
2,4-Dichlorophenol	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Diethyl phthalate	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
2,4-Dimethylphenol	ND		0.333	0.192	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Dimethyl phthalate	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
4,6-Dinitro-2-methylphenol	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
2,4-Dinitrophenol	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
2,6-Dinitrotoluene	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
2,4-Dinitrotoluene	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Di-n-octyl phthalate	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Bis(2-ethylhexyl)phthalate	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Fluorene	ND		0.0670	0.0340	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Hexachlorobenzene	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Hexachlorobutadiene	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Hexachlorocyclopentadiene	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Hexachloroethane	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Indeno (1,2,3-cd) pyrene	ND		0.0670	0.0340	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Isophorone	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
2-Methylnaphthalene	ND		0.0670	0.0340	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
2-Methylphenol	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Naphthalene	ND		0.0670	0.0340	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
2-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
3-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
4-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Nitrobenzene	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
2-Nitrophenol	ND		0.333	0.196	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
4-Nitrophenol	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
N-Nitrosodiphenylamine	ND		0.333	0.183	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
N-Nitrosodi-n-propylamine	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Pentachlorophenol	ND		0.833	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Phenanthrene	ND		0.0670	0.0340	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Phenol	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
Pyrene	ND		0.0670	0.0340	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1981-BLK1

Matrix: Soil

Analysis Batch: 12D1981

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1981_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.833	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00
2,4,6-Trichlorophenol	ND		0.333	0.167	mg/kg wet		04/11/12 10:39	04/11/12 15:26	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	61		17 - 120	04/11/12 10:39	04/11/12 15:26	1.00
Phenol-d5	62		18 - 120	04/11/12 10:39	04/11/12 15:26	1.00
2-Fluorobiphenyl	75		14 - 120	04/11/12 10:39	04/11/12 15:26	1.00
Nitrobenzene-d5	62		17 - 120	04/11/12 10:39	04/11/12 15:26	1.00
Terphenyl-d14	93		18 - 120	04/11/12 10:39	04/11/12 15:26	1.00
2,4,6-Tribromophenol	79		19 - 120	04/11/12 10:39	04/11/12 15:26	1.00

Lab Sample ID: 12D1981-BS1

Matrix: Soil

Analysis Batch: 12D1981

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1981_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	1.67	1.57		mg/kg wet		94	36 - 120
Acenaphthylene	1.67	1.47		mg/kg wet		88	38 - 120
Acetophenone	1.67	1.12		mg/kg wet		67	30 - 120
Anthracene	1.67	1.53		mg/kg wet		92	46 - 124
Benzo (a) anthracene	1.67	1.60		mg/kg wet		96	45 - 120
Benzo (b) fluoranthene	1.67	1.62		mg/kg wet		97	42 - 120
Benzo (a) pyrene	1.67	1.65		mg/kg wet		99	45 - 120
Benzo (g,h,i) perylene	1.67	1.55		mg/kg wet		93	38 - 120
Benzo (k) fluoranthene	1.67	1.39		mg/kg wet		83	42 - 120
4-Bromophenyl phenyl ether	1.67	1.71		mg/kg wet		103	40 - 120
Butyl benzyl phthalate	1.67	1.60		mg/kg wet		96	43 - 133
4-Chloro-3-methylphenol	1.67	1.54		mg/kg wet		92	38 - 120
4-Chloroaniline	1.67	1.47		mg/kg wet		88	35 - 120
Carbazole	1.67	1.58		mg/kg wet		95	44 - 120
2-Chloronaphthalene	1.67	1.29		mg/kg wet		77	34 - 120
Bis(2-chloroethoxy)methane	1.67	1.42		mg/kg wet		85	32 - 120
Bis(2-chloroethyl)ether	1.67	1.32		mg/kg wet		79	31 - 120
Bis(2-chloroisopropyl)ether	1.67	1.44		mg/kg wet		86	32 - 120
2-Chlorophenol	1.67	1.53		mg/kg wet		92	32 - 120
4-Chlorophenyl phenyl ether	1.67	1.59		mg/kg wet		95	42 - 120
Chrysene	1.67	1.59		mg/kg wet		96	43 - 120
Dibenz (a,h) anthracene	1.67	1.58		mg/kg wet		95	32 - 128
Dibenzofuran	1.67	1.64		mg/kg wet		99	41 - 120
Di-n-butyl phthalate	1.67	1.56		mg/kg wet		94	46 - 127
3,3-Dichlorobenzidine	1.67	1.60		mg/kg wet		96	39 - 120
2,4-Dichlorophenol	1.67	1.59		mg/kg wet		95	32 - 120
Diethyl phthalate	1.67	1.62		mg/kg wet		97	41 - 122
2,4-Dimethylphenol	1.67	1.47		mg/kg wet		88	32 - 120
Dimethyl phthalate	1.67	1.54		mg/kg wet		92	55 - 120
4,6-Dinitro-2-methylphenol	1.67	1.73		mg/kg wet		104	27 - 134
2,4-Dinitrophenol	1.67	1.76		mg/kg wet		106	23 - 142
2,6-Dinitrotoluene	1.67	1.38		mg/kg wet		83	43 - 120
2,4-Dinitrotoluene	1.67	1.37		mg/kg wet		82	43 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1981-BS1

Matrix: Soil

Analysis Batch: 12D1981

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1981_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Di-n-octyl phthalate	1.67	1.50		mg/kg wet		90	40 - 130
Bis(2-ethylhexyl)phthalate	1.67	1.64		mg/kg wet		98	43 - 120
Fluoranthene	1.67	1.63		mg/kg wet		98	46 - 120
Fluorene	1.67	1.66		mg/kg wet		100	42 - 120
Hexachlorobenzene	1.67	1.81		mg/kg wet		108	44 - 120
Hexachlorobutadiene	1.67	1.88		mg/kg wet		113	31 - 120
Hexachlorocyclopentadiene	1.67	0.944		mg/kg wet		57	24 - 120
Hexachloroethane	1.67	1.41		mg/kg wet		84	33 - 120
Indeno (1,2,3-cd) pyrene	1.67	1.52		mg/kg wet		91	41 - 121
Isophorone	1.67	1.12		mg/kg wet		67	33 - 120
2-Methylnaphthalene	1.67	1.52		mg/kg wet		91	28 - 120
2-Methylphenol	1.67	1.20		mg/kg wet		72	36 - 120
Naphthalene	1.67	1.59		mg/kg wet		96	32 - 120
2-Nitroaniline	1.67	1.62		mg/kg wet		97	40 - 120
3-Nitroaniline	1.67	1.62		mg/kg wet		97	42 - 120
4-Nitroaniline	1.67	1.60		mg/kg wet		96	43 - 120
Nitrobenzene	1.67	1.06		mg/kg wet		64	26 - 120
2-Nitrophenol	1.67	1.57		mg/kg wet		94	29 - 120
4-Nitrophenol	1.67	1.37		mg/kg wet		82	32 - 136
N-Nitrosodiphenylamine	1.67	1.84		mg/kg wet		111	52 - 140
N-Nitrosodi-n-propylamine	1.67	1.41		mg/kg wet		85	35 - 120
Pentachlorophenol	1.67	1.79		mg/kg wet		107	44 - 134
Phenanthrene	1.67	1.61		mg/kg wet		97	45 - 120
Phenol	1.67	1.35		mg/kg wet		81	30 - 120
Pyrene	1.67	1.59		mg/kg wet		96	43 - 120
2,4,5-Trichlorophenol	1.67	1.33		mg/kg wet		80	39 - 120
2,4,6-Trichlorophenol	1.67	1.68		mg/kg wet		101	39 - 120

Surrogate	LCS		Limits
	%Recovery	Qualifier	
2-Fluorophenol	67		17 - 120
Phenol-d5	67		18 - 120
2-Fluorobiphenyl	72		14 - 120
Nitrobenzene-d5	66		17 - 120
Terphenyl-d14	97		18 - 120
2,4,6-Tribromophenol	72		19 - 120

Lab Sample ID: 12D1981-BS2

Matrix: Soil

Analysis Batch: 12D1981

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1981_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetophenone	1.67	1.20		mg/kg wet		72	30 - 120
Atrazine	1.67	1.23		mg/kg wet		74	41 - 120
Benzaldehyde	1.67	ND	L2	mg/kg wet			10 - 150
Biphenyl	1.67	1.24		mg/kg wet		74	15 - 120
4-Chloro-3-methylphenol	1.67	1.22		mg/kg wet		73	38 - 120
Caprolactam	1.67	1.15		mg/kg wet		69	18 - 138
2-Chlorophenol	1.67	1.11		mg/kg wet		66	32 - 120
2,4-Dichlorophenol	1.67	1.28		mg/kg wet		77	32 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1981-BS2

Matrix: Soil

Analysis Batch: 12D1981

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1981_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dimethylphenol	1.67	1.16		mg/kg wet		70	32 - 120
4,6-Dinitro-2-methylphenol	1.67	1.33		mg/kg wet		80	27 - 134
2,4-Dinitrophenol	1.67	1.24		mg/kg wet		75	23 - 142
2-Methylphenol	1.67	0.905		mg/kg wet		54	36 - 120
2-Nitrophenol	1.67	1.18		mg/kg wet		71	29 - 120
4-Nitrophenol	1.67	1.08		mg/kg wet		65	32 - 136
Pentachlorophenol	1.67	1.18		mg/kg wet		71	44 - 134
Phenol	1.67	0.992		mg/kg wet		60	30 - 120
2,4,5-Trichlorophenol	1.67	1.11		mg/kg wet		67	39 - 120
2,4,6-Trichlorophenol	1.67	1.28		mg/kg wet		77	39 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	54		17 - 120
Phenol-d5	56		18 - 120
2-Fluorobiphenyl	63		14 - 120
Nitrobenzene-d5	55		17 - 120
Terphenyl-d14	79		18 - 120
2,4,6-Tribromophenol	65		19 - 120

Lab Sample ID: 12D1981-MS1

Matrix: Soil

Analysis Batch: 12D1981

Client Sample ID: TP-16-SS-040312-00

Prep Type: Total

Prep Batch: 12D1981_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	ND		2.01	1.82		mg/kg dry	☼	90	19 - 120
Acenaphthylene	ND		2.01	1.70		mg/kg dry	☼	84	25 - 120
Acetophenone	ND		2.01	1.26		mg/kg dry	☼	62	10 - 200
Anthracene	ND		2.01	1.83		mg/kg dry	☼	91	28 - 125
Benzo (a) anthracene	ND		2.01	1.81		mg/kg dry	☼	90	23 - 120
Benzo (b) fluoranthene	ND		2.01	1.72		mg/kg dry	☼	86	12 - 133
Benzo (a) pyrene	ND		2.01	1.79		mg/kg dry	☼	89	15 - 128
Benzo (g,h,i) perylene	ND		2.01	1.72		mg/kg dry	☼	86	22 - 120
Benzo (k) fluoranthene	ND		2.01	1.82		mg/kg dry	☼	91	28 - 120
4-Bromophenyl phenyl ether	ND		2.01	1.97		mg/kg dry	☼	98	31 - 120
Butyl benzyl phthalate	ND		2.01	1.72		mg/kg dry	☼	85	24 - 133
4-Chloro-3-methylphenol	ND		2.01	1.69		mg/kg dry	☼	84	21 - 120
4-Chloroaniline	ND		2.01	1.70		mg/kg dry	☼	85	26 - 120
Carbazole	ND		2.01	1.70		mg/kg dry	☼	84	25 - 123
2-Chloronaphthalene	ND		2.01	1.49		mg/kg dry	☼	74	24 - 120
Bis(2-chloroethoxy)methane	ND		2.01	1.59		mg/kg dry	☼	79	24 - 120
Bis(2-chloroethyl)ether	ND		2.01	1.54		mg/kg dry	☼	77	22 - 120
Bis(2-chloroisopropyl)ether	ND		2.01	1.70		mg/kg dry	☼	84	20 - 120
2-Chlorophenol	ND		2.01	1.66		mg/kg dry	☼	82	25 - 120
4-Chlorophenyl phenyl ether	ND		2.01	1.97		mg/kg dry	☼	98	26 - 120
Chrysene	ND		2.01	1.76		mg/kg dry	☼	87	20 - 120
Dibenz (a,h) anthracene	ND		2.01	1.75		mg/kg dry	☼	87	12 - 128
Dibenzofuran	ND		2.01	1.89		mg/kg dry	☼	94	21 - 120
Di-n-butyl phthalate	ND		2.01	1.76		mg/kg dry	☼	88	29 - 126
3,3-Dichlorobenzidine	ND		2.01	1.83		mg/kg dry	☼	91	10 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1981-MS1

Matrix: Soil

Analysis Batch: 12D1981

Client Sample ID: TP-16-SS-040312-00

Prep Type: Total

Prep Batch: 12D1981_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
2,4-Dichlorophenol	ND		2.01	1.82		mg/kg dry	☼	90	17 - 120
Diethyl phthalate	ND		2.01	1.81		mg/kg dry	☼	90	29 - 122
2,4-Dimethylphenol	ND		2.01	1.76		mg/kg dry	☼	87	17 - 120
Dimethyl phthalate	ND		2.01	1.74		mg/kg dry	☼	87	30 - 120
4,6-Dinitro-2-methylphenol	ND		2.01	1.96		mg/kg dry	☼	97	10 - 134
2,4-Dinitrophenol	ND		2.01	1.69		mg/kg dry	☼	84	10 - 150
2,6-Dinitrotoluene	ND		2.01	1.52		mg/kg dry	☼	75	24 - 120
2,4-Dinitrotoluene	ND		2.01	1.56		mg/kg dry	☼	77	24 - 121
Di-n-octyl phthalate	ND		2.01	1.71		mg/kg dry	☼	85	27 - 130
Bis(2-ethylhexyl)phthalate	ND		2.01	1.72		mg/kg dry	☼	86	26 - 120
Fluoranthene	ND		2.01	1.89		mg/kg dry	☼	94	10 - 143
Fluorene	ND		2.01	1.91		mg/kg dry	☼	95	20 - 120
Hexachlorobenzene	ND		2.01	2.05		mg/kg dry	☼	102	25 - 120
Hexachlorobutadiene	ND		2.01	2.13		mg/kg dry	☼	106	10 - 120
Hexachlorocyclopentadiene	ND		2.01	1.08		mg/kg dry	☼	53	10 - 120
Hexachloroethane	ND		2.01	1.57		mg/kg dry	☼	78	10 - 120
Indeno (1,2,3-cd) pyrene	ND		2.01	1.73		mg/kg dry	☼	86	22 - 121
Isophorone	ND		2.01	1.28		mg/kg dry	☼	63	24 - 120
2-Methylnaphthalene	ND		2.01	1.61		mg/kg dry	☼	80	13 - 120
2-Methylphenol	ND		2.01	1.35		mg/kg dry	☼	67	23 - 120
Naphthalene	ND		2.01	1.76		mg/kg dry	☼	88	10 - 120
2-Nitroaniline	ND		2.01	1.87		mg/kg dry	☼	93	31 - 120
3-Nitroaniline	ND		2.01	1.87		mg/kg dry	☼	93	31 - 120
4-Nitroaniline	ND		2.01	1.87		mg/kg dry	☼	93	28 - 120
Nitrobenzene	ND		2.01	1.17		mg/kg dry	☼	58	19 - 120
2-Nitrophenol	ND		2.01	1.81		mg/kg dry	☼	90	23 - 120
4-Nitrophenol	ND		2.01	1.55		mg/kg dry	☼	77	16 - 139
N-Nitrosodiphenylamine	ND		2.01	2.20		mg/kg dry	☼	109	26 - 150
N-Nitrosodi-n-propylamine	ND		2.01	1.68		mg/kg dry	☼	83	24 - 120
Pentachlorophenol	ND		2.01	1.89		mg/kg dry	☼	94	19 - 145
Phenanthrene	ND		2.01	1.81		mg/kg dry	☼	90	21 - 122
Phenol	ND		2.01	1.55		mg/kg dry	☼	77	15 - 120
Pyrene	ND		2.01	1.73		mg/kg dry	☼	86	20 - 123
2,4,5-Trichlorophenol	ND		2.01	1.52		mg/kg dry	☼	75	27 - 120
2,4,6-Trichlorophenol	ND		2.01	1.91		mg/kg dry	☼	95	24 - 122

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
2-Fluorophenol	60		17 - 120
Phenol-d5	61		18 - 120
2-Fluorobiphenyl	68		14 - 120
Nitrobenzene-d5	58		17 - 120
Terphenyl-d14	84		18 - 120
2,4,6-Tribromophenol	66		19 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1981-MSD1

Matrix: Soil

Analysis Batch: 12D1981

Client Sample ID: TP-16-SS-040312-00

Prep Type: Total

Prep Batch: 12D1981_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Acenaphthene	ND		2.05	1.64		mg/kg dry	✱	80	19 - 120	10	50
Acenaphthylene	ND		2.05	1.62		mg/kg dry	✱	79	25 - 120	5	50
Acetophenone	ND		2.05	1.23		mg/kg dry	✱	60	10 - 200	3	50
Anthracene	ND		2.05	1.86		mg/kg dry	✱	90	28 - 125	1	49
Benzo (a) anthracene	ND		2.05	1.88		mg/kg dry	✱	92	23 - 120	4	50
Benzo (b) fluoranthene	ND		2.05	1.86		mg/kg dry	✱	91	12 - 133	8	50
Benzo (a) pyrene	ND		2.05	1.77		mg/kg dry	✱	86	15 - 128	0.7	50
Benzo (g,h,i) perylene	ND		2.05	1.70		mg/kg dry	✱	83	22 - 120	1	50
Benzo (k) fluoranthene	ND		2.05	1.59		mg/kg dry	✱	78	28 - 120	14	45
4-Bromophenyl phenyl ether	ND		2.05	2.04		mg/kg dry	✱	99	31 - 120	4	37
Butyl benzyl phthalate	ND		2.05	1.89		mg/kg dry	✱	92	24 - 133	9	50
4-Chloro-3-methylphenol	ND		2.05	1.86		mg/kg dry	✱	90	21 - 120	10	49
4-Chloroaniline	ND		2.05	1.77		mg/kg dry	✱	86	26 - 120	4	50
Carbazole	ND		2.05	1.74		mg/kg dry	✱	85	25 - 123	2	46
2-Chloronaphthalene	ND		2.05	1.33		mg/kg dry	✱	65	24 - 120	11	50
Bis(2-chloroethoxy)methane	ND		2.05	1.60		mg/kg dry	✱	78	24 - 120	0.5	50
Bis(2-chloroethyl)ether	ND		2.05	1.50		mg/kg dry	✱	73	22 - 120	3	50
Bis(2-chloroisopropyl)ether	ND		2.05	1.56		mg/kg dry	✱	76	20 - 120	8	50
2-Chlorophenol	ND		2.05	1.67		mg/kg dry	✱	81	25 - 120	0.4	50
4-Chlorophenyl phenyl ether	ND		2.05	1.77		mg/kg dry	✱	86	26 - 120	10	50
Chrysene	ND		2.05	1.82		mg/kg dry	✱	89	20 - 120	3	49
Dibenz (a,h) anthracene	ND		2.05	1.68		mg/kg dry	✱	82	12 - 128	4	50
Dibenzofuran	ND		2.05	1.75		mg/kg dry	✱	86	21 - 120	8	50
Di-n-butyl phthalate	ND		2.05	1.80		mg/kg dry	✱	88	29 - 126	2	49
3,3-Dichlorobenzidine	ND		2.05	1.90		mg/kg dry	✱	93	10 - 120	4	50
2,4-Dichlorophenol	ND		2.05	1.80		mg/kg dry	✱	88	17 - 120	1	50
Diethyl phthalate	ND		2.05	1.81		mg/kg dry	✱	88	29 - 122	0.02	45
2,4-Dimethylphenol	ND		2.05	1.73		mg/kg dry	✱	84	17 - 120	2	50
Dimethyl phthalate	ND		2.05	1.75		mg/kg dry	✱	85	30 - 120	0.4	46
4,6-Dinitro-2-methylphenol	ND		2.05	1.94		mg/kg dry	✱	95	10 - 134	1	50
2,4-Dinitrophenol	ND		2.05	1.50		mg/kg dry	✱	73	10 - 150	12	50
2,6-Dinitrotoluene	ND		2.05	1.52		mg/kg dry	✱	74	24 - 120	0.3	50
2,4-Dinitrotoluene	ND		2.05	1.50		mg/kg dry	✱	73	24 - 121	4	50
Di-n-octyl phthalate	ND		2.05	1.71		mg/kg dry	✱	84	27 - 130	0.2	50
Bis(2-ethylhexyl)phthalate	ND		2.05	1.82		mg/kg dry	✱	89	26 - 120	6	50
Fluoranthene	ND		2.05	1.98		mg/kg dry	✱	96	10 - 143	4	50
Fluorene	ND		2.05	1.77		mg/kg dry	✱	86	20 - 120	8	50
Hexachlorobenzene	ND		2.05	2.09		mg/kg dry	✱	102	25 - 120	2	50
Hexachlorobutadiene	ND		2.05	2.06		mg/kg dry	✱	100	10 - 120	3	50
Hexachlorocyclopentadiene	ND		2.05	0.984		mg/kg dry	✱	48	10 - 120	9	50
Hexachloroethane	ND		2.05	1.57		mg/kg dry	✱	77	10 - 120	0.1	50
Indeno (1,2,3-cd) pyrene	ND		2.05	1.65		mg/kg dry	✱	81	22 - 121	5	50
Isophorone	ND		2.05	1.34		mg/kg dry	✱	65	24 - 120	5	50
2-Methylnaphthalene	ND		2.05	1.67		mg/kg dry	✱	82	13 - 120	4	50
2-Methylphenol	ND		2.05	1.31		mg/kg dry	✱	64	23 - 120	3	50
Naphthalene	ND		2.05	1.82		mg/kg dry	✱	88	10 - 120	3	50
2-Nitroaniline	ND		2.05	1.73		mg/kg dry	✱	85	31 - 120	8	50
3-Nitroaniline	ND		2.05	1.77		mg/kg dry	✱	86	31 - 120	5	49
4-Nitroaniline	ND		2.05	1.72		mg/kg dry	✱	84	28 - 120	8	49

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1981-MSD1

Matrix: Soil

Analysis Batch: 12D1981

Client Sample ID: TP-16-SS-040312-00

Prep Type: Total

Prep Batch: 12D1981_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Nitrobenzene	ND		2.05	1.24		mg/kg dry	☼	60	19 - 120	5	50
2-Nitrophenol	ND		2.05	1.82		mg/kg dry	☼	89	23 - 120	0.7	50
4-Nitrophenol	ND		2.05	1.58		mg/kg dry	☼	77	16 - 139	2	45
N-Nitrosodiphenylamine	ND		2.05	2.15		mg/kg dry	☼	105	26 - 150	2	50
N-Nitrosodi-n-propylamine	ND		2.05	1.63		mg/kg dry	☼	80	24 - 120	3	50
Pentachlorophenol	ND		2.05	1.91		mg/kg dry	☼	93	19 - 145	0.9	50
Phenanthrene	ND		2.05	1.86		mg/kg dry	☼	91	21 - 122	3	50
Phenol	ND		2.05	1.52		mg/kg dry	☼	74	15 - 120	2	50
Pyrene	ND		2.05	1.76		mg/kg dry	☼	86	20 - 123	2	50
2,4,5-Trichlorophenol	ND		2.05	1.43		mg/kg dry	☼	69	27 - 120	6	50
2,4,6-Trichlorophenol	ND		2.05	1.82		mg/kg dry	☼	89	24 - 122	5	50

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits
2-Fluorophenol	57		17 - 120
Phenol-d5	58		18 - 120
2-Fluorobiphenyl	62		14 - 120
Nitrobenzene-d5	61		17 - 120
Terphenyl-d14	86		18 - 120
2,4,6-Tribromophenol	68		19 - 120

Method: TPH-D/Finger - Extractable Petroleum Hydrocarbons

Lab Sample ID: 12D0844-BLK1

Matrix: Soil

Analysis Batch: V005835

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0844_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C10 - C40	ND		4.00	4.00	mg/kg wet	-	04/06/12 15:00	04/10/12 13:26	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	90		50 - 150				04/06/12 15:00	04/10/12 13:26	1.00

Lab Sample ID: 12D0844-BS1

Matrix: Soil

Analysis Batch: V005835

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0844_P

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
C10 - C40			40.0	40.7		mg/kg wet		102	50 - 150		
						</					

Lab Sample ID: 12D0844-MS1

Matrix: Soil

Analysis Batch: V005835

Client Sample ID: TP-16-SO-040312-08

Prep Type: Total

Prep Batch: 12D0844_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
C10 - C40	55.3	QP7	54.5	92.7		mg/kg dry	☼	69	21 - 174

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: TPH-D/Finger - Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 12D0844-MS1

Matrix: Soil

Analysis Batch: V005835

Client Sample ID: TP-16-SO-040312-08

Prep Type: Total

Prep Batch: 12D0844_P

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
<i>o</i> -Terphenyl	70		50 - 150

Lab Sample ID: 12D0844-MSD1

Matrix: Soil

Analysis Batch: V005835

Client Sample ID: TP-16-SO-040312-08

Prep Type: Total

Prep Batch: 12D0844_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10 - C40	55.3	QP7	54.0	80.8		mg/kg dry	☼	47	21 - 174	14	20
Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits								
<i>o</i> -Terphenyl	77		50 - 150								

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Lab Sample ID: 12D0861-BLK1

Matrix: Soil

Analysis Batch: V005699

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0861_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/kg wet		04/06/12 16:30	04/06/12 17:43	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac			
<i>n</i> -Butanol	115		60 - 140	04/06/12 16:30	04/06/12 17:43	1.00			

Lab Sample ID: 12D0861-BS1

Matrix: Soil

Analysis Batch: V005699

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0861_P

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Ethylene Glycol			50.0	45.8		mg/kg wet		92	70 - 130		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
n-Butanol	103		70 - 130								

Lab Sample ID: 12D0861-MS1

Matrix: Soil

Analysis Batch: V005699

Client Sample ID: TP-16-SS-040312-00

Prep Type: Total

Prep Batch: 12D0861_P

	Sample	Sample	Spike	Matrix Spike	Matrix Spike				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Ethylene Glycol	ND		61.7	59.2		mg/kg dry	☼	96	55 - 132		
	</										

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8015B - Glycols by EPA Method 8015 (modified) (Continued)

Lab Sample ID: 12D0861-MSD1

Matrix: Soil

Analysis Batch: V005699

Client Sample ID: TP-16-SS-040312-00

Prep Type: Total

Prep Batch: 12D0861_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Ethylene Glycol	ND		61.7	59.3		mg/kg dry	✖	96	55 - 132	0.2	36
Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Matrix Spike Dup Limits								
n-Butanol	97		58 - 130								

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Lab Sample ID: 12D0747-BLK1

Matrix: Soil

Analysis Batch: V005683

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0747_P

Analysis Data: 100900									
Analyte	Blank	Blank	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	ND		0.0333	0.0210	mg/kg wet		04/05/12 09:00	04/06/12 15:40	1.00
PCB-1221	ND		0.0333	0.0170	mg/kg wet		04/05/12 09:00	04/06/12 15:40	1.00
PCB-1232	ND		0.0333	0.0170	mg/kg wet		04/05/12 09:00	04/06/12 15:40	1.00
PCB-1242	ND		0.0333	0.0260	mg/kg wet		04/05/12 09:00	04/06/12 15:40	1.00
PCB-1248	ND		0.0333	0.0300	mg/kg wet		04/05/12 09:00	04/06/12 15:40	1.00
PCB-1254	ND		0.0333	0.0170	mg/kg wet		04/05/12 09:00	04/06/12 15:40	1.00
PCB-1260	ND		0.0333	0.0280	mg/kg wet		04/05/12 09:00	04/06/12 15:40	1.00
Surrogate	Blank	Blank	Limits	Prepared	Analyzed	Dil Fac			
	%Recovery	Qualifier							
Tetrachloro-meta-xylene	100		19 - 147	04/05/12 09:00	04/06/12 15:40	1.00			
Decachlorobiphenyl	104		20 - 150	04/05/12 09:00	04/06/12 15:40	1.00			

Lab Sample ID: 12D0747-BS1

Matrix: Soil

Analysis Batch: V005683

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0747_P

			Spike	LCS	LCS				%Rec.			
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits			
PCB-1260			0.167	0.174		mg/kg wet		104	52 - 150			
Surrogate	LCS	LCS										
	%Recovery	Qualifier	Limits									
Tetrachloro-meta-xylene	96		19 - 147									
Decachlorobiphenyl	102		20 - 150									

Lab Sample ID: 12D0747-MS1

Matrix: Soil

Analysis Batch: V005683

Client Sample ID: TP-16-SS-040312-00

Prep Type: Total

Prep Batch: 12D0747_P

	Sample	Sample	Spike	Matrix Spike	Matrix Spike				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
PCB-1260	ND		0.201	0.200		mg/kg dry	☼	100	37 - 159		

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Lab Sample ID: 12D0747-MSD1

Matrix: Soil

Analysis Batch: V005683

Client Sample ID: TP-16-SS-040312-00

Prep Type: Total

Prep Batch: 12D0747_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
PCB-1260	ND		0.205	0.198		mg/kg dry	✱	96	37 - 159	1	37

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Matrix Spike Dup Limits
Tetrachloro-meta-xylene	82		19 - 147
Decachlorobiphenyl	88		20 - 150

Method: SW846 6010B - Total Metals by EPA Method 6010B

Lab Sample ID: 12D0853-BLK1

Matrix: Soil

Analysis Batch: 12D0853

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0853_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.1	5.05	mg/kg wet		04/10/12 11:54	04/11/12 03:57	1.00
Arsenic	ND		1.01	0.505	mg/kg wet		04/10/12 11:54	04/11/12 03:57	1.00
Barium	ND		2.02	1.01	mg/kg wet		04/10/12 11:54	04/11/12 03:57	1.00
Beryllium	ND		1.01	0.505	mg/kg wet		04/10/12 11:54	04/11/12 03:57	1.00
Cadmium	ND		1.01	0.505	mg/kg wet		04/10/12 11:54	04/11/12 03:57	1.00
Chromium	ND		1.01	0.505	mg/kg wet		04/10/12 11:54	04/11/12 03:57	1.00
Cobalt	ND		3.03	1.52	mg/kg wet		04/10/12 11:54	04/11/12 03:57	1.00
Copper	ND		2.02	1.01	mg/kg wet		04/10/12 11:54	04/11/12 03:57	1.00
Lead	ND		1.01	0.505	mg/kg wet		04/10/12 11:54	04/11/12 03:57	1.00
Manganese	ND		3.03	1.52	mg/kg wet		04/10/12 11:54	04/11/12 03:57	1.00
Nickel	ND		2.02	1.01	mg/kg wet		04/10/12 11:54	04/11/12 03:57	1.00
Selenium	ND		2.02	1.01	mg/kg wet		04/10/12 11:54	04/11/12 03:57	1.00
Silver	ND		1.01	0.505	mg/kg wet		04/10/12 11:54	04/11/12 03:57	1.00
Thallium	ND		2.02	1.01	mg/kg wet		04/10/12 11:54	04/11/12 03:57	1.00
Vanadium	ND		10.1	5.05	mg/kg wet		04/10/12 11:54	04/11/12 03:57	1.00
Zinc	ND		10.1	5.05	mg/kg wet		04/10/12 11:54	04/11/12 03:57	1.00

Lab Sample ID: 12D0853-BS1

Matrix: Soil

Analysis Batch: 12D0853

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0853_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	40.4	43.1		mg/kg wet		107	80 - 120
Arsenic	20.2	18.7		mg/kg wet		93	80 - 120
Barium	808	846		mg/kg wet		105	80 - 120
Beryllium	20.2	19.9		mg/kg wet		99	80 - 120
Cadmium	20.2	20.1		mg/kg wet		99	80 - 120
Chromium	80.8	79.5		mg/kg wet		98	80 - 120
Cobalt	202	199		mg/kg wet		98	80 - 120
Copper	101	96.2		mg/kg wet		95	80 - 120
Lead	20.2	20.6		mg/kg wet		102	80 - 120
Manganese	202	200		mg/kg wet		99	80 - 120
Nickel	202	203		mg/kg wet		101	80 - 120
Selenium	20.2	19.3		mg/kg wet		96	80 - 120
Silver	20.2	19.4		mg/kg wet		96	75 - 125
Thallium	20.2	16.7		mg/kg wet		83	80 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Lab Sample ID: 12D0853-BS1

Matrix: Soil

Analysis Batch: 12D0853

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0853_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vanadium	202	196		mg/kg wet		97	80 - 120
Zinc	202	189		mg/kg wet		93	80 - 120

Lab Sample ID: 12D0853-MS1

Matrix: Soil

Analysis Batch: 12D0853

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D0853_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		39.8	47.3		mg/kg wet		119	75 - 125
Arsenic	0.737		19.9	21.2		mg/kg wet		103	75 - 125
Barium	92.2		795	941		mg/kg wet		107	75 - 125
Beryllium	ND		19.9	19.8		mg/kg wet		99	75 - 125
Cadmium	ND		19.9	19.0		mg/kg wet		96	75 - 125
Chromium	8.39		79.5	84.2		mg/kg wet		95	75 - 125
Cobalt	2.47		199	204		mg/kg wet		101	75 - 125
Copper	14.0		99.4	113		mg/kg wet		100	75 - 125
Lead	3.96		19.9	26.1		mg/kg wet		112	75 - 125
Manganese	244		199	362	M8	mg/kg wet		59	75 - 125
Nickel	5.78		199	212		mg/kg wet		103	75 - 125
Selenium	1.10		19.9	21.4		mg/kg wet		102	75 - 125
Silver	ND		19.9	19.8		mg/kg wet		100	75 - 125
Thallium	ND		19.9	15.6		mg/kg wet		79	75 - 125
Vanadium	9.38		199	203		mg/kg wet		97	75 - 125
Zinc	96.9		199	284		mg/kg wet		94	75 - 125

Lab Sample ID: 12D0853-MSD1

Matrix: Soil

Analysis Batch: 12D0853

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D0853_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		39.6	45.3		mg/kg wet		114	75 - 125	4	20
Arsenic	0.737		19.8	21.3		mg/kg wet		104	75 - 125	0.7	20
Barium	92.2		792	913		mg/kg wet		104	75 - 125	3	20
Beryllium	ND		19.8	19.2		mg/kg wet		97	75 - 125	3	20
Cadmium	ND		19.8	18.8		mg/kg wet		95	75 - 125	1	20
Chromium	8.39		79.2	83.5		mg/kg wet		95	75 - 125	0.8	20
Cobalt	2.47		198	199		mg/kg wet		99	75 - 125	2	20
Copper	14.0		99.0	109		mg/kg wet		96	75 - 125	4	20
Lead	3.96		19.8	24.6		mg/kg wet		104	75 - 125	6	20
Manganese	244		198	359	M8	mg/kg wet		58	75 - 125	0.8	20
Nickel	5.78		198	207		mg/kg wet		102	75 - 125	2	20
Selenium	1.10		19.8	20.5		mg/kg wet		98	75 - 125	4	20
Silver	ND		19.8	19.5		mg/kg wet		98	75 - 125	2	20
Thallium	ND		19.8	15.7		mg/kg wet		79	75 - 125	0.2	20
Vanadium	9.38		198	197		mg/kg wet		95	75 - 125	3	20
Zinc	96.9		198	281		mg/kg wet		93	75 - 125	1	20

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Lab Sample ID: 12D0772-BLK1

Matrix: Soil

Analysis Batch: V006122

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0772_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.097	0.049	mg/kg wet		04/06/12 13:05	04/09/12 13:05	1.0

Lab Sample ID: 12D0772-BS1

Matrix: Soil

Analysis Batch: V006122

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0772_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.163	0.18		mg/kg wet		110	80 - 120

Lab Sample ID: 12D0772-MS1

Matrix: Soil

Analysis Batch: V006122

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D0772_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.175	0.19		mg/kg dry	☼	111	75 - 125

Lab Sample ID: 12D0772-MSD1

Matrix: Soil

Analysis Batch: V006122

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D0772_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.171	0.18		mg/kg dry	☼	106	75 - 125	7	20

Method: SW846 7196A - General Chemistry Parameters

Lab Sample ID: 12D1638-BLK1

Matrix: Soil

Analysis Batch: 12D1638

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1638_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.00	1.00	mg/kg wet		04/06/12 09:40	04/09/12 10:16	1.00

Lab Sample ID: 12D1638-BS1

Matrix: Soil

Analysis Batch: 12D1638

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1638_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	40.0	40.2		mg/kg wet		100	80 - 120

Lab Sample ID: 12D1638-MS1

Matrix: Soil

Analysis Batch: 12D1638

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1638_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	ND		51.1	51.2		mg/kg dry	☼	100	75 - 125

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW846 7196A - General Chemistry Parameters (Continued)

Lab Sample ID: 12D1638-MSD1

Matrix: Soil

Analysis Batch: 12D1638

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1638_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium (VI)	ND		51.1	52.8		mg/kg dry	☼	103	75 - 125	3	20

Lab Sample ID: 12D1638-DUP1

Matrix: Soil

Analysis Batch: 12D1638

Client Sample ID: Duplicate

Prep Type: Total

Prep Batch: 12D1638_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Chromium (VI)	ND		ND		mg/kg dry	☼		20

Method: SW846 9012B - General Chemistry Parameters

Lab Sample ID: 12D0827-BLK1

Matrix: Soil

Analysis Batch: 12D0827

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0827_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.00	1.00	mg/kg wet		04/10/12 11:30	04/10/12 17:19	1.00

Lab Sample ID: 12D0827-BS1

Matrix: Soil

Analysis Batch: 12D0827

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0827_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	5.00	5.49		mg/kg wet		110	80 - 120

Lab Sample ID: 12D0827-MS1

Matrix: Soil

Analysis Batch: 12D0827

Client Sample ID: TP-16-SS-040312-00

Prep Type: Total

Prep Batch: 12D0827_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	ND		6.17	7.32		mg/kg dry	☼	119	71 - 132

Lab Sample ID: 12D0827-MSD1

Matrix: Soil

Analysis Batch: 12D0827

Client Sample ID: TP-16-SS-040312-00

Prep Type: Total

Prep Batch: 12D0827_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide	ND		6.17	6.09		mg/kg dry	☼	99	71 - 132	18	19

Lab Sample ID: 12D0827-DUP1

Matrix: Soil

Analysis Batch: 12D0827

Client Sample ID: TP-16-SO-040312-08

Prep Type: Total

Prep Batch: 12D0827_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Cyanide	ND		ND		mg/kg dry	☼		19

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method: SW-846 - General Chemistry Parameters

Lab Sample ID: 12D1106-DUP1

Matrix: Soil

Analysis Batch: 12D1106

Client Sample ID: Duplicate

Prep Type: Total

Prep Batch: 12D1106_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	Limit
% Dry Solids	85.2		84.1		%		1	20

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

GCMS Volatiles

Analysis Batch: V005807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1636-BLK1	Method Blank	Total	Water	SW846 8260B	12D1636_P
12D1636-BS1	Lab Control Sample	Total	Water	SW846 8260B	12D1636_P
12D1636-BSD1	Lab Control Sample Dup	Total	Water	SW846 8260B	12D1636_P
12D1636-MS1	Matrix Spike	Total	Water	SW846 8260B	12D1636_P
12D1636-MSD1	Matrix Spike Duplicate	Total	Water	SW846 8260B	12D1636_P
NWD0308-07	Trip Blank	Total	Water	SW846 8260B	12D1636_P

Analysis Batch: V005867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1831-BLK1	Method Blank	Total	Water	SW846 8260B	12D1831_P
12D1831-BS1	Lab Control Sample	Total	Water	SW846 8260B	12D1831_P
12D1831-BSD1	Lab Control Sample Dup	Total	Water	SW846 8260B	12D1831_P
12D1831-MS1	Matrix Spike	Total	Water	SW846 8260B	12D1831_P
12D1831-MSD1	Matrix Spike Duplicate	Total	Water	SW846 8260B	12D1831_P
NWD0308-07 - RE1	Trip Blank	Total	Water	SW846 8260B	12D1831_P

Analysis Batch: V005953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2068-BLK1	Method Blank	Total	Soil	SW846 8260B	12D2068_P
12D2068-BLK2	Method Blank	Total	Soil	SW846 8260B	12D2068_P
12D2068-BS1	Lab Control Sample	Total	Soil	SW846 8260B	12D2068_P
12D2068-MS1	Matrix Spike	Total	Soil	SW846 8260B	12D2068_P
12D2068-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 8260B	12D2068_P
NWD0308-01	TP-16-SS-040312-00	Total	Soil	SW846 8260B	12D2068_P
NWD0308-02	TP-16-SO-040312-08	Total	Soil	SW846 8260B	12D2068_P
NWD0308-03	TP-16-SO-040312-10	Total	Soil	SW846 8260B	12D2068_P
NWD0308-04	TP-17-SS-040312-00	Total	Soil	SW846 8260B	12D2068_P
NWD0308-05	TP-17-SO-040312-07	Total	Soil	SW846 8260B	12D2068_P
NWD0308-06	TP-17-SO-040312-11	Total	Soil	SW846 8260B	12D2068_P

Analysis Batch: V006106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1322-BLK1	Method Blank	Total	Soil	SW846 8260B	12D1322_P
12D1322-BLK2	Method Blank	Total	Soil	SW846 8260B	12D1322_P
12D1322-BS1	Lab Control Sample	Total	Soil	SW846 8260B	12D1322_P
12D1322-MS1	Matrix Spike	Total	Soil	SW846 8260B	12D1322_P
12D1322-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 8260B	12D1322_P
NWD0308-02 - RE1	TP-16-SO-040312-08	Total	Soil	SW846 8260B	12D1322_P
NWD0308-06 - RE1	TP-17-SO-040312-11	Total	Soil	SW846 8260B	12D1322_P
NWD0308-06 - RE2	TP-17-SO-040312-11	Total	Soil	SW846 8260B	12D1322_P

Prep Batch: 12D1322_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1322-BLK1	Method Blank	Total	Soil	EPA 5035	12D1322_P
12D1322-BLK2	Method Blank	Total	Soil	EPA 5035	12D1322_P
12D1322-BS1	Lab Control Sample	Total	Soil	EPA 5035	12D1322_P
12D1322-MS1	Matrix Spike	Total	Soil	EPA 5035	12D1322_P
12D1322-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 5035	12D1322_P
NWD0308-02 - RE1	TP-16-SO-040312-08	Total	Soil	EPA 5035	12D1322_P
NWD0308-06 - RE1	TP-17-SO-040312-11	Total	Soil	EPA 5035	12D1322_P
NWD0308-06 - RE2	TP-17-SO-040312-11	Total	Soil	EPA 5035	12D1322_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

GCMS Volatiles (Continued)

Prep Batch: 12D1636_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1636-BLK1	Method Blank	Total	Water	EPA 5030B	
12D1636-BS1	Lab Control Sample	Total	Water	EPA 5030B	
12D1636-BSD1	Lab Control Sample Dup	Total	Water	EPA 5030B	
12D1636-MS1	Matrix Spike	Total	Water	EPA 5030B	
12D1636-MSD1	Matrix Spike Duplicate	Total	Water	EPA 5030B	
NWD0308-07	Trip Blank	Total	Water	EPA 5030B	

Prep Batch: 12D1831_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1831-BLK1	Method Blank	Total	Water	EPA 5030B	
12D1831-BS1	Lab Control Sample	Total	Water	EPA 5030B	
12D1831-BSD1	Lab Control Sample Dup	Total	Water	EPA 5030B	
12D1831-MS1	Matrix Spike	Total	Water	EPA 5030B	
12D1831-MSD1	Matrix Spike Duplicate	Total	Water	EPA 5030B	
NWD0308-07 - RE1	Trip Blank	Total	Water	EPA 5030B	

Prep Batch: 12D2068_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2068-BLK1	Method Blank	Total	Soil	EPA 5035	
12D2068-BLK2	Method Blank	Total	Soil	EPA 5035	
12D2068-BS1	Lab Control Sample	Total	Soil	EPA 5035	
12D2068-MS1	Matrix Spike	Total	Soil	EPA 5035	
12D2068-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 5035	
NWD0308-01	TP-16-SS-040312-00	Total	Soil	EPA 5035	
NWD0308-02	TP-16-SO-040312-08	Total	Soil	EPA 5035	
NWD0308-03	TP-16-SO-040312-10	Total	Soil	EPA 5035	
NWD0308-04	TP-17-SS-040312-00	Total	Soil	EPA 5035	
NWD0308-05	TP-17-SO-040312-07	Total	Soil	EPA 5035	
NWD0308-06	TP-17-SO-040312-11	Total	Soil	EPA 5035	

GCMS Semivolatiles

Analysis Batch: 12D1981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1981-BLK1	Method Blank	Total	Soil	SW846 8270C	12D1981_P
12D1981-BS1	Lab Control Sample	Total	Soil	SW846 8270C	12D1981_P
12D1981-BS2	Lab Control Sample	Total	Soil	SW846 8270C	12D1981_P
12D1981-MS1	TP-16-SS-040312-00	Total	Soil	SW846 8270C	12D1981_P
12D1981-MSD1	TP-16-SS-040312-00	Total	Soil	SW846 8270C	12D1981_P
NWD0308-01 - RE1	TP-16-SS-040312-00	Total	Soil	SW846 8270C	12D1981_P
NWD0308-02 - RE1	TP-16-SO-040312-08	Total	Soil	SW846 8270C	12D1981_P
NWD0308-03 - RE1	TP-16-SO-040312-10	Total	Soil	SW846 8270C	12D1981_P
NWD0308-04 - RE1	TP-17-SS-040312-00	Total	Soil	SW846 8270C	12D1981_P
NWD0308-05 - RE1	TP-17-SO-040312-07	Total	Soil	SW846 8270C	12D1981_P
NWD0308-06 - RE1	TP-17-SO-040312-11	Total	Soil	SW846 8270C	12D1981_P
NWD0308-06 - RE2	TP-17-SO-040312-11	Total	Soil	SW846 8270C	12D1981_P

Prep Batch: 12D1981_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1981-BLK1	Method Blank	Total	Soil	EPA 3550B	
12D1981-BS1	Lab Control Sample	Total	Soil	EPA 3550B	
12D1981-BS2	Lab Control Sample	Total	Soil	EPA 3550B	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

GCMS Semivolatiles (Continued)

Prep Batch: 12D1981_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1981-MS1	TP-16-SS-040312-00	Total	Soil	EPA 3550B	
12D1981-MSD1	TP-16-SS-040312-00	Total	Soil	EPA 3550B	
NWD0308-01 - RE1	TP-16-SS-040312-00	Total	Soil	EPA 3550B	
NWD0308-02 - RE1	TP-16-SO-040312-08	Total	Soil	EPA 3550B	
NWD0308-03 - RE1	TP-16-SO-040312-10	Total	Soil	EPA 3550B	
NWD0308-04 - RE1	TP-17-SS-040312-00	Total	Soil	EPA 3550B	
NWD0308-05 - RE1	TP-17-SO-040312-07	Total	Soil	EPA 3550B	
NWD0308-06 - RE1	TP-17-SO-040312-11	Total	Soil	EPA 3550B	
NWD0308-06 - RE2	TP-17-SO-040312-11	Total	Soil	EPA 3550B	

GC Semivolatiles

Analysis Batch: V005835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0844-BLK1	Method Blank	Total	Soil	TPH-D/Finger	12D0844_P
12D0844-BS1	Lab Control Sample	Total	Soil	TPH-D/Finger	12D0844_P
12D0844-MS1	TP-16-SO-040312-08	Total	Soil	TPH-D/Finger	12D0844_P
12D0844-MSD1	TP-16-SO-040312-08	Total	Soil	TPH-D/Finger	12D0844_P
NWD0308-02	TP-16-SO-040312-08	Total	Soil	TPH-D/Finger	12D0844_P

Prep Batch: 12D0844_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0844-BLK1	Method Blank	Total	Soil	EPA 3550B	
12D0844-BS1	Lab Control Sample	Total	Soil	EPA 3550B	
12D0844-MS1	TP-16-SO-040312-08	Total	Soil	EPA 3550B	
12D0844-MSD1	TP-16-SO-040312-08	Total	Soil	EPA 3550B	
NWD0308-02	TP-16-SO-040312-08	Total	Soil	EPA 3550B	

Pesticides

Analysis Batch: V005683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0747-BLK1	Method Blank	Total	Soil	SW846 8082	12D0747_P
12D0747-BS1	Lab Control Sample	Total	Soil	SW846 8082	12D0747_P
12D0747-MS1	TP-16-SS-040312-00	Total	Soil	SW846 8082	12D0747_P
12D0747-MSD1	TP-16-SS-040312-00	Total	Soil	SW846 8082	12D0747_P
NWD0308-01	TP-16-SS-040312-00	Total	Soil	SW846 8082	12D0747_P
NWD0308-02	TP-16-SO-040312-08	Total	Soil	SW846 8082	12D0747_P
NWD0308-03	TP-16-SO-040312-10	Total	Soil	SW846 8082	12D0747_P
NWD0308-04	TP-17-SS-040312-00	Total	Soil	SW846 8082	12D0747_P
NWD0308-05	TP-17-SO-040312-07	Total	Soil	SW846 8082	12D0747_P
NWD0308-06	TP-17-SO-040312-11	Total	Soil	SW846 8082	12D0747_P

Analysis Batch: V005699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0861-BLK1	Method Blank	Total	Soil	SW846 8015B	12D0861_P
12D0861-BS1	Lab Control Sample	Total	Soil	SW846 8015B	12D0861_P
12D0861-MS1	TP-16-SS-040312-00	Total	Soil	SW846 8015B	12D0861_P
12D0861-MSD1	TP-16-SS-040312-00	Total	Soil	SW846 8015B	12D0861_P
NWD0308-01	TP-16-SS-040312-00	Total	Soil	SW846 8015B	12D0861_P
NWD0308-02	TP-16-SO-040312-08	Total	Soil	SW846 8015B	12D0861_P
NWD0308-03	TP-16-SO-040312-10	Total	Soil	SW846 8015B	12D0861_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Pesticides (Continued)

Analysis Batch: V005699 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0308-04	TP-17-SS-040312-00	Total	Soil	SW846 8015B	12D0861_P
NWD0308-05	TP-17-SO-040312-07	Total	Soil	SW846 8015B	12D0861_P
NWD0308-06	TP-17-SO-040312-11	Total	Soil	SW846 8015B	12D0861_P

Prep Batch: 12D0747_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0747-BLK1	Method Blank	Total	Soil	EPA 3550B/3665A	
12D0747-BS1	Lab Control Sample	Total	Soil	EPA 3550B/3665A	
12D0747-MS1	TP-16-SS-040312-00	Total	Soil	EPA 3550B/3665A	
12D0747-MSD1	TP-16-SS-040312-00	Total	Soil	EPA 3550B/3665A	
NWD0308-01	TP-16-SS-040312-00	Total	Soil	EPA 3550B/3665A	
NWD0308-02	TP-16-SO-040312-08	Total	Soil	EPA 3550B/3665A	
NWD0308-03	TP-16-SO-040312-10	Total	Soil	EPA 3550B/3665A	
NWD0308-04	TP-17-SS-040312-00	Total	Soil	EPA 3550B/3665A	
NWD0308-05	TP-17-SO-040312-07	Total	Soil	EPA 3550B/3665A	
NWD0308-06	TP-17-SO-040312-11	Total	Soil	EPA 3550B/3665A	

Prep Batch: 12D0861_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0861-BLK1	Method Blank	Total	Soil	NO PREP-PEST	
12D0861-BS1	Lab Control Sample	Total	Soil	NO PREP-PEST	
12D0861-MS1	TP-16-SS-040312-00	Total	Soil	NO PREP-PEST	
12D0861-MSD1	TP-16-SS-040312-00	Total	Soil	NO PREP-PEST	
NWD0308-01	TP-16-SS-040312-00	Total	Soil	NO PREP-PEST	
NWD0308-02	TP-16-SO-040312-08	Total	Soil	NO PREP-PEST	
NWD0308-03	TP-16-SO-040312-10	Total	Soil	NO PREP-PEST	
NWD0308-04	TP-17-SS-040312-00	Total	Soil	NO PREP-PEST	
NWD0308-05	TP-17-SO-040312-07	Total	Soil	NO PREP-PEST	
NWD0308-06	TP-17-SO-040312-11	Total	Soil	NO PREP-PEST	

Metals

Analysis Batch: 12D0772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0308-01	TP-16-SS-040312-00	Total	Soil	SW846 7471A	12D0772_P
NWD0308-02	TP-16-SO-040312-08	Total	Soil	SW846 7471A	12D0772_P
NWD0308-03	TP-16-SO-040312-10	Total	Soil	SW846 7471A	12D0772_P
NWD0308-04	TP-17-SS-040312-00	Total	Soil	SW846 7471A	12D0772_P
NWD0308-05	TP-17-SO-040312-07	Total	Soil	SW846 7471A	12D0772_P
NWD0308-06	TP-17-SO-040312-11	Total	Soil	SW846 7471A	12D0772_P

Analysis Batch: 12D0853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0853-BLK1	Method Blank	Total	Soil	SW846 6010B	12D0853_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Metals (Continued)

Analysis Batch: 12D0853 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0853-BS1	Lab Control Sample	Total	Soil	SW846 6010B	12D0853_P
12D0853-MS1	Matrix Spike	Total	Soil	SW846 6010B	12D0853_P
12D0853-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 6010B	12D0853_P
NWD0308-01	TP-16-SS-040312-00	Total	Soil	SW846 6010B	12D0853_P
NWD0308-02	TP-16-SO-040312-08	Total	Soil	SW846 6010B	12D0853_P
NWD0308-03	TP-16-SO-040312-10	Total	Soil	SW846 6010B	12D0853_P
NWD0308-04	TP-17-SS-040312-00	Total	Soil	SW846 6010B	12D0853_P
NWD0308-05	TP-17-SO-040312-07	Total	Soil	SW846 6010B	12D0853_P
NWD0308-06	TP-17-SO-040312-11	Total	Soil	SW846 6010B	12D0853_P

Analysis Batch: V006122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0772-BLK1	Method Blank	Total	Soil	SW846 7471A	12D0772_P
12D0772-BS1	Lab Control Sample	Total	Soil	SW846 7471A	12D0772_P
12D0772-MS1	Matrix Spike	Total	Soil	SW846 7471A	12D0772_P
12D0772-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 7471A	12D0772_P

Prep Batch: 12D0772_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0772-BLK1	Method Blank	Total	Soil	EPA 7471	
12D0772-BS1	Lab Control Sample	Total	Soil	EPA 7471	
12D0772-MS1	Matrix Spike	Total	Soil	EPA 7471	
12D0772-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 7471	
NWD0308-01	TP-16-SS-040312-00	Total	Soil	EPA 7471	
NWD0308-02	TP-16-SO-040312-08	Total	Soil	EPA 7471	
NWD0308-03	TP-16-SO-040312-10	Total	Soil	EPA 7471	
NWD0308-04	TP-17-SS-040312-00	Total	Soil	EPA 7471	
NWD0308-05	TP-17-SO-040312-07	Total	Soil	EPA 7471	
NWD0308-06	TP-17-SO-040312-11	Total	Soil	EPA 7471	

Prep Batch: 12D0853_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0853-BLK1	Method Blank	Total	Soil	EPA 3051A/6010	
12D0853-BS1	Lab Control Sample	Total	Soil	EPA 3051A/6010	
12D0853-MS1	Matrix Spike	Total	Soil	EPA 3051A/6010	
12D0853-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 3051A/6010	
NWD0308-01	TP-16-SS-040312-00	Total	Soil	EPA 3051A/6010	
NWD0308-02	TP-16-SO-040312-08	Total	Soil	EPA 3051A/6010	
NWD0308-03	TP-16-SO-040312-10	Total	Soil	EPA 3051A/6010	
NWD0308-04	TP-17-SS-040312-00	Total	Soil	EPA 3051A/6010	
NWD0308-05	TP-17-SO-040312-07	Total	Soil	EPA 3051A/6010	
NWD0308-06	TP-17-SO-040312-11	Total	Soil	EPA 3051A/6010	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

WetChem

Analysis Batch: 12D0827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0827-BLK1	Method Blank	Total	Soil	SW846 9012B	12D0827_P
12D0827-BS1	Lab Control Sample	Total	Soil	SW846 9012B	12D0827_P
12D0827-DUP1	TP-16-SO-040312-08	Total	Soil	SW846 9012B	12D0827_P
12D0827-MS1	TP-16-SS-040312-00	Total	Soil	SW846 9012B	12D0827_P
12D0827-MSD1	TP-16-SS-040312-00	Total	Soil	SW846 9012B	12D0827_P
NWD0308-01	TP-16-SS-040312-00	Total	Soil	SW846 9012B	12D0827_P
NWD0308-02	TP-16-SO-040312-08	Total	Soil	SW846 9012B	12D0827_P
NWD0308-03	TP-16-SO-040312-10	Total	Soil	SW846 9012B	12D0827_P
NWD0308-04	TP-17-SS-040312-00	Total	Soil	SW846 9012B	12D0827_P
NWD0308-05	TP-17-SO-040312-07	Total	Soil	SW846 9012B	12D0827_P
NWD0308-06	TP-17-SO-040312-11	Total	Soil	SW846 9012B	12D0827_P

Analysis Batch: 12D1638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1638-BLK1	Method Blank	Total	Soil	SW846 7196A	12D1638_P
12D1638-BS1	Lab Control Sample	Total	Soil	SW846 7196A	12D1638_P
12D1638-DUP1	Duplicate	Total	Soil	SW846 7196A	12D1638_P
12D1638-MS1	Matrix Spike	Total	Soil	SW846 7196A	12D1638_P
12D1638-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 7196A	12D1638_P
12D1638-PS1	NWC2680-08	Total	Soil	SW846 7196A	12D1638_P
NWD0308-01	TP-16-SS-040312-00	Total	Soil	SW846 7196A	12D1638_P
NWD0308-02	TP-16-SO-040312-08	Total	Soil	SW846 7196A	12D1638_P
NWD0308-03	TP-16-SO-040312-10	Total	Soil	SW846 7196A	12D1638_P
NWD0308-04	TP-17-SS-040312-00	Total	Soil	SW846 7196A	12D1638_P
NWD0308-05	TP-17-SO-040312-07	Total	Soil	SW846 7196A	12D1638_P
NWD0308-06	TP-17-SO-040312-11	Total	Soil	SW846 7196A	12D1638_P

Prep Batch: 12D0827_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0827-BLK1	Method Blank	Total	Soil	NO PREP	
12D0827-BS1	Lab Control Sample	Total	Soil	NO PREP	
12D0827-DUP1	TP-16-SO-040312-08	Total	Soil	NO PREP	
12D0827-MS1	TP-16-SS-040312-00	Total	Soil	NO PREP	
12D0827-MSD1	TP-16-SS-040312-00	Total	Soil	NO PREP	
NWD0308-01	TP-16-SS-040312-00	Total	Soil	NO PREP	
NWD0308-02	TP-16-SO-040312-08	Total	Soil	NO PREP	
NWD0308-03	TP-16-SO-040312-10	Total	Soil	NO PREP	
NWD0308-04	TP-17-SS-040312-00	Total	Soil	NO PREP	
NWD0308-05	TP-17-SO-040312-07	Total	Soil	NO PREP	
NWD0308-06	TP-17-SO-040312-11	Total	Soil	NO PREP	

Prep Batch: 12D1638_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1638-BLK1	Method Blank	Total	Soil	NO PREP	
12D1638-BS1	Lab Control Sample	Total	Soil	NO PREP	
12D1638-DUP1	Duplicate	Total	Soil	NO PREP	
12D1638-MS1	Matrix Spike	Total	Soil	NO PREP	
12D1638-MSD1	Matrix Spike Duplicate	Total	Soil	NO PREP	
12D1638-PS1	NWC2680-08	Total	Soil	NO PREP	
NWD0308-01	TP-16-SS-040312-00	Total	Soil	NO PREP	
NWD0308-02	TP-16-SO-040312-08	Total	Soil	NO PREP	
NWD0308-03	TP-16-SO-040312-10	Total	Soil	NO PREP	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

WetChem (Continued)

Prep Batch: 12D1638_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0308-04	TP-17-SS-040312-00	Total	Soil	NO PREP	
NWD0308-05	TP-17-SO-040312-07	Total	Soil	NO PREP	
NWD0308-06	TP-17-SO-040312-11	Total	Soil	NO PREP	

Extractions

Analysis Batch: 12D1106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1106-DUP1	Duplicate	Total	Soil	SW-846	12D1106_P
NWD0308-01	TP-16-SS-040312-00	Total	Soil	SW-846	12D1106_P
NWD0308-02	TP-16-SO-040312-08	Total	Soil	SW-846	12D1106_P
NWD0308-03	TP-16-SO-040312-10	Total	Soil	SW-846	12D1106_P
NWD0308-04	TP-17-SS-040312-00	Total	Soil	SW-846	12D1106_P
NWD0308-05	TP-17-SO-040312-07	Total	Soil	SW-846	12D1106_P
NWD0308-06	TP-17-SO-040312-11	Total	Soil	SW-846	12D1106_P

Prep Batch: 12D1106_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1106-DUP1	Duplicate	Total	Soil	% Solids	
NWD0308-01	TP-16-SS-040312-00	Total	Soil	% Solids	
NWD0308-02	TP-16-SO-040312-08	Total	Soil	% Solids	
NWD0308-03	TP-16-SO-040312-10	Total	Soil	% Solids	
NWD0308-04	TP-17-SS-040312-00	Total	Soil	% Solids	
NWD0308-05	TP-17-SO-040312-07	Total	Soil	% Solids	
NWD0308-06	TP-17-SO-040312-11	Total	Soil	% Solids	

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-16-SS-040312-00

Lab Sample ID: NWD0308-01

Date Collected: 04/03/12 08:19

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 81

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.883	12D2068_P	04/03/12 08:19	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005953	04/11/12 15:30	KXC	TAL NSH
Total	Prep	EPA 3550B	RE1	0.977	12D1981_P	04/11/12 10:39	JJR	TAL NSH
Total	Analysis	SW846 8270C	RE1	1.00	12D1981	04/11/12 16:57	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0861_P	04/06/12 16:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005699	04/06/12 18:45	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.992	12D0747_P	04/05/12 09:00	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005683	04/06/12 17:06	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.978	12D0853_P	04/10/12 11:54	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D0853	04/11/12 05:05	LTB	TAL NSH
Total	Prep	EPA 7471		0.98	12D0772_P	04/06/12 13:05	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D0772	04/09/12 13:34	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D1638_P	04/06/12 09:40	AMB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1638	04/09/12 10:16	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12D0827_P	04/10/12 11:30	SNG	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D0827	04/10/12 17:21	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1106_P	04/07/12 15:56	ASL	TAL NSH
Total	Analysis	SW-846		1.00	12D1106	04/07/12 16:33	ASL	TAL NSH

Client Sample ID: TP-16-SO-040312-08

Lab Sample ID: NWD0308-02

Date Collected: 04/03/12 15:25

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 72.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.786	12D2068_P	04/03/12 15:25	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005953	04/11/12 16:00	KXC	TAL NSH
Total	Prep	EPA 5035	RE1	0.887	12D1322_P	04/03/12 15:25	AAN	TAL NSH
Total	Analysis	SW846 8260B	RE1	50.0	V006106	04/12/12 05:02	KXC	TAL NSH
Total	Prep	EPA 3550B	RE1	0.971	12D1981_P	04/11/12 10:39	JJR	TAL NSH
Total	Analysis	SW846 8270C	RE1	1.00	12D1981	04/11/12 17:15	KJP	TAL NSH
Total	Prep	EPA 3550B		0.996	12D0844_P	04/06/12 15:00	JJR	TAL NSH
Total	Analysis	TPH-D/Finger		1.00	V005835	04/10/12 12:50	JLF	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0861_P	04/06/12 16:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005699	04/06/12 19:00	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.981	12D0747_P	04/05/12 09:00	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005683	04/06/12 17:27	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.963	12D0853_P	04/10/12 11:54	CXU	TAL NSH
Total	Analysis	SW846 6010B		10.0	12D0853	04/11/12 10:22	LTB	TAL NSH
Total	Prep	EPA 7471		0.96	12D0772_P	04/06/12 13:05	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D0772	04/09/12 13:36	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D1638_P	04/06/12 09:40	AMB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1638	04/09/12 10:16	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12D0827_P	04/10/12 11:30	SNG	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D0827	04/10/12 17:26	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1106_P	04/07/12 15:56	ASL	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-16-SO-040312-08

Lab Sample ID: NWD0308-02

Date Collected: 04/03/12 15:25

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 72.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	SW-846		1.00	12D1106	04/07/12 16:33	ASL	TAL NSH

Client Sample ID: TP-16-SO-040312-10

Lab Sample ID: NWD0308-03

Date Collected: 04/03/12 15:17

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 71.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.977	12D2068_P	04/03/12 15:17	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005953	04/11/12 16:31	KXC	TAL NSH
Total	Prep	EPA 3550B	RE1	0.968	12D1981_P	04/11/12 10:39	JJR	TAL NSH
Total	Analysis	SW846 8270C	RE1	1.00	12D1981	04/11/12 17:33	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0861_P	04/06/12 16:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005699	04/06/12 19:15	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.983	12D0747_P	04/05/12 09:00	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005683	04/06/12 17:49	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.00500	12D0853_P	04/10/12 11:54	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D0853	04/11/12 05:11	LTB	TAL NSH
Total	Prep	EPA 7471		0.98	12D0772_P	04/06/12 13:05	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D0772	04/09/12 13:38	MB	TAL NSH
Total	Analysis	SW846 6010B		10.0	12D0853	04/11/12 10:28	LTB	TAL NSH
Total	Prep	NO PREP		1.00	12D1638_P	04/06/12 09:40	AMB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1638	04/09/12 10:16	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12D0827_P	04/10/12 11:30	SNG	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D0827	04/10/12 17:24	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1106_P	04/07/12 15:56	ASL	TAL NSH
Total	Analysis	SW-846		1.00	12D1106	04/07/12 16:33	ASL	TAL NSH

Client Sample ID: TP-17-SS-040312-00

Lab Sample ID: NWD0308-04

Date Collected: 04/03/12 09:58

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.814	12D2068_P	04/03/12 09:58	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005953	04/11/12 17:02	KXC	TAL NSH
Total	Prep	EPA 3550B	RE1	0.971	12D1981_P	04/11/12 10:39	JJR	TAL NSH
Total	Analysis	SW846 8270C	RE1	1.00	12D1981	04/11/12 17:51	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0861_P	04/06/12 16:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005699	04/06/12 19:31	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.982	12D0747_P	04/05/12 09:00	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005683	04/06/12 18:10	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.967	12D0853_P	04/10/12 11:54	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D0853	04/11/12 05:14	LTB	TAL NSH
Total	Prep	EPA 7471		0.99	12D0772_P	04/06/12 13:05	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D0772	04/09/12 13:40	MB	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-17-SS-040312-00

Lab Sample ID: NWD0308-04

Date Collected: 04/03/12 09:58

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	NO PREP		1.00	12D1638_P	04/06/12 09:40	AMB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1638	04/09/12 10:16	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12D0827_P	04/10/12 11:30	SNG	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D0827	04/10/12 17:28	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1106_P	04/07/12 15:56	ASL	TAL NSH
Total	Analysis	SW-846		1.00	12D1106	04/07/12 16:33	ASL	TAL NSH

Client Sample ID: TP-17-SO-040312-07

Lab Sample ID: NWD0308-05

Date Collected: 04/03/12 13:32

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 77.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.795	12D2068_P	04/03/12 13:32	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005953	04/11/12 17:32	KXC	TAL NSH
Total	Prep	EPA 3550B	RE1	0.994	12D1981_P	04/11/12 10:39	JJR	TAL NSH
Total	Analysis	SW846 8270C	RE1	1.00	12D1981	04/11/12 18:09	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0861_P	04/06/12 16:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005699	04/06/12 19:46	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.996	12D0747_P	04/05/12 09:00	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005683	04/06/12 18:32	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.998	12D0853_P	04/10/12 11:54	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D0853	04/11/12 05:17	LTB	TAL NSH
Total	Prep	EPA 7471		0.96	12D0772_P	04/06/12 13:05	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D0772	04/09/12 13:42	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D1638_P	04/06/12 09:40	AMB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1638	04/09/12 10:16	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12D0827_P	04/10/12 11:30	SNG	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D0827	04/10/12 17:28	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1106_P	04/07/12 15:56	ASL	TAL NSH
Total	Analysis	SW-846		1.00	12D1106	04/07/12 16:33	ASL	TAL NSH

Client Sample ID: TP-17-SO-040312-11

Lab Sample ID: NWD0308-06

Date Collected: 04/03/12 13:28

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 79.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.803	12D2068_P	04/03/12 13:28	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005953	04/11/12 18:03	KXC	TAL NSH
Total	Prep	EPA 5035	RE1	0.806	12D1322_P	04/03/12 13:28	AAN	TAL NSH
Total	Analysis	SW846 8260B	RE1	500	V006106	04/12/12 06:03	KXC	TAL NSH
Total	Prep	EPA 5035	RE2	0.806	12D1322_P	04/03/12 13:28	AAN	TAL NSH
Total	Analysis	SW846 8260B	RE2	50000	V006106	04/12/12 06:33	KXC	TAL NSH
Total	Prep	EPA 3550B	RE1	0.977	12D1981_P	04/11/12 10:39	JJR	TAL NSH
Total	Analysis	SW846 8270C	RE1	1.00	12D1981	04/11/12 18:27	KJP	TAL NSH
Total	Prep	EPA 3550B	RE2	0.977	12D1981_P	04/11/12 10:39	JJR	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Client Sample ID: TP-17-SO-040312-11

Lab Sample ID: NWD0308-06

Date Collected: 04/03/12 13:28

Matrix: Soil

Date Received: 04/04/12 08:30

Percent Solids: 79.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	SW846 8270C	RE2	2.00	12D1981	04/12/12 13:21	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0861_P	04/06/12 16:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005699	04/06/12 20:01	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.995	12D0747_P	04/05/12 09:00	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005683	04/06/12 18:54	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.958	12D0853_P	04/10/12 11:54	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D0853	04/11/12 05:21	LTB	TAL NSH
Total	Prep	EPA 7471		0.96	12D0772_P	04/06/12 13:05	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D0772	04/09/12 13:49	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D1638_P	04/06/12 09:40	AMB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1638	04/09/12 10:16	AMB	TAL NSH
Total	Prep	NO PREP		1.00	12D0827_P	04/10/12 11:30	SNG	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D0827	04/10/12 17:29	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1106_P	04/07/12 15:56	ASL	TAL NSH
Total	Analysis	SW-846		1.00	12D1106	04/07/12 16:33	ASL	TAL NSH

Client Sample ID: Trip Blank

Lab Sample ID: NWD0308-07

Date Collected: 04/03/12 00:01

Matrix: Water

Date Received: 04/04/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12D1636_P	04/06/12 09:04	EML	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005807	04/06/12 13:27	EML	TAL NSH
Total	Prep	EPA 5030B	RE1	1.00	12D1831_P	04/09/12 10:25	EML	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	V005867	04/09/12 16:49	EML	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Method Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Method	Method Description	Protocol	Laboratory
SW-846	General Chemistry Parameters		TAL NSH
SW846 8260B	Volatile Organic Compounds by EPA Method 8260B		TAL NSH
SW846 8270C	Semivolatile Organic Compounds by EPA Method 8270C		TAL NSH
TPH-D/Finger	Extractable Petroleum Hydrocarbons		TAL NSH
SW846 8015B	Glycols by EPA Method 8015 (modified)		TAL NSH
SW846 8082	Polychlorinated Biphenyls by EPA Method 8082		TAL NSH
SW846 6010B	Total Metals by EPA Method 6010B		TAL NSH
SW846 7471A	Mercury by EPA Methods 7470A/7471A		TAL NSH
SW846 7196A	General Chemistry Parameters		TAL NSH
SW846 9012B	General Chemistry Parameters		TAL NSH

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Certification Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0308

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Nashville		ACIL		393
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska (UST)	State Program	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas DEQ	State Program	6	88-0737
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Canadian Assoc Lab Accred (CALA)	Canada		3744
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Florida	NELAC	4	E87358
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Kentucky (UST)	State Program	4	19
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Louisiana	NELAC	6	LA110014
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana (UST)	State Program	8	NA
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina DENR	State Program	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio VAP	State Program	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	USDA	Federal		S-48469
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	NELAC	3	460152
TestAmerica Nashville	Virginia	State Program	3	00323
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia DEP	State Program	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430
TestAmerica Nashville	Wyoming (UST)	A2LA	8	453.07

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.



Cooler Received/Opened On 4/4/2012 @ 8:30

1. Tracking # 2880 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 12080142

2. Temperature of rep. sample or temp blank when opened: 3.0 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES.. ☒ NO...NA

4. Were custody seals on outside of cooler? ☒ YES...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? ☒ YES...NO...NA

6. Were custody papers inside cooler? ☒ YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) KG

7. Were custody seals on containers: YES ☒ NO and Intact YES...NO...☒ NA

Were these signed and dated correctly? YES...NO...☒ NA

8. Packing mat'l used? ☒ Bubblewrap ☒ Plastic bag ☐ Peanuts ☐ Vermiculite ☐ Foam Insert ☐ Paper ☐ Other ☐ None

9. Cooling process: ☒ Ice ☐ Ice-pack ☐ Ice (direct contact) ☐ Dry ice ☐ Other ☐ None

10. Did all containers arrive in good condition (unbroken)? ☒ YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? ☒ YES...NO...NA

12. Did all container labels and tags agree with custody papers? ☒ YES...NO...NA

13a. Were VOA vials received? ☒ YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES.. ☒ NO...NA

14. Was there a Trip Blank in this cooler? ☒ YES...NO...NA If multiple coolers, sequence # P.H.

I certify that I unloaded the cooler and answered questions 7-14 (initial) P.H.

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...☒ NA

b. Did the bottle labels indicate that the correct preservatives were used ☒ YES...NO...NA

16. Was residual chlorine present? YES...NO...☒ NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) P.H.

17. Were custody papers properly filled out (ink, signed, etc)? ☒ YES...NO...NA

18. Did you sign the custody papers in the appropriate place? ☒ YES...NO...NA

19. Were correct containers used for the analysis requested? ☒ YES...NO...NA

20. Was sufficient amount of sample sent in each container? ☒ YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) P.H.

I certify that I attached a label with the unique LIMS number to each container (initial) P.H.

21. Were there Non-Conformance issues at login? YES.. ☒ NO Was a PIPE generated? YES.. ☒ NO..#

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton Drive * Nashville TN 37204
Phone: (800) 765-0980 / (615) 726-0177 Fax: (615) 726-3404
, "Reg District (CA)"

Page 1 of 1

Client: Haley & Aldrich (Lenexa)

Address: 8735 Rosehill Road, Suite 340

City, State, Zip: Lenexa KS 66215-6949

Client Invoice Contact: Accounts Payable

Client Project Mgr: Mariruth Gruis

Client Telephone#: (913) 217-6907 Fax: (913) 217-6957

Sampler Name (Print) John Knightly

Sampler Signature: [Signature]

TA Account #: 532031

PO #:

Invoice to: Haley & Aldrich

Report to: Mariruth Gruis

Project Name: Leeds Facility

Facility ID: [none]

Reg District (CA):

Site Address:

City, State, Zip: Missouri

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Methanol	Preservative					Matrix					Analyze for										8015-Kingprint	TP-16-SO																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
								(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other	8015B Ethylene Glycol	8082 PCBs	8260B Extended List VOA	8270C Extended SVOC	Chromium, Hexavalent by EPA 7196	Cyanide Total 9012B	Flashpoint 1010 Closed Cup	Metals, TAL (23) 60107/471 soil			pH 9040C (+/-)	Solids Percent Dry Weight	AL MET WATER 6020/6010B/7470A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 28973

Modified COC to add 8015 Fingerprint analysis for CB-C30 range MATZ 4/4/12

Relinquished by: [Signature]	Date: 4/3/12	Time: 1915	Received by:	Date:	Time:	Relinquished by:	Date:	Time:	
Shipped Via:			Shipped Via:			QC Deliverables (Please Circle One): Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)			Date Due of Report:
Received for TestAmerica by:			Date:	Time:	Temperature Upon Receipt:	Sample Containers Intact? Y N VOCs Free of Headspace? Y N			

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

2960 Foster Creighton Road

Nashville, TN 37204

Tel: 800-765-0980

TestAmerica Job ID: NWD0378

Client Project/Site: [none]

Client Project Description: Leeds Facility

For:

Haley & Aldrich (Lenexa)

8735 Rosehill Road, Suite 340

Lenexa, KS 66215-6949

Attn: Mariruth Gruis

Roxanne L. Connor

Authorized for release by:

4/18/2012 10:49:38 AM

Roxanne Connor

Program Manager - Conventional Accounts

roxanne.connor@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
NWD0378-01	TP-07-GW-040412-12	Ground Water	04/04/12 09:38	04/05/12 08:00
NWD0378-02	Trip Blank	Water	04/04/12 00:01	04/05/12 08:00

Definitions/Glossary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
L2	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.
R2	The RPD exceeded the acceptance limit.

GCMS Semivolatiles

Qualifier	Qualifier Description
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Pesticides

Qualifier	Qualifier Description
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.

WetChem

Qualifier	Qualifier Description
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
R2	The RPD exceeded the acceptance limit.
HT3	Sample received with insufficient holding time remaining for analysis to be performed within the method's holding time requirements.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Client Sample ID: TP-07-GW-040412-12

Lab Sample ID: NWD0378-01

Date Collected: 04/04/12 09:38

Matrix: Ground Water

Date Received: 04/05/12 08:00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Benzene	1.18		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Bromoform	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Chlorobenzene	38.3		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Chloroform	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
1,3-Dichlorobenzene	2.44		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
1,4-Dichlorobenzene	2.58		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Styrene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Toluene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/06/12 09:04	04/06/12 12:09	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:09	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Client Sample ID: TP-07-GW-040412-12

Lab Sample ID: NWD0378-01

Date Collected: 04/04/12 09:38

Matrix: Ground Water

Date Received: 04/05/12 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	106		70 - 130	04/06/12 09:04	04/06/12 12:09	1.00
Dibromofluoromethane	103		70 - 130	04/06/12 09:04	04/06/12 12:09	1.00
Toluene-d8	100		70 - 130	04/06/12 09:04	04/06/12 12:09	1.00
4-Bromofluorobenzene	103		70 - 130	04/06/12 09:04	04/06/12 12:09	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Acetate	ND		10.0	5.00	ug/L		04/10/12 05:39	04/10/12 09:56	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	113		70 - 130	04/10/12 05:39	04/10/12 09:56	1.00
Dibromofluoromethane	110		70 - 130	04/10/12 05:39	04/10/12 09:56	1.00
Toluene-d8	100		70 - 130	04/10/12 05:39	04/10/12 09:56	1.00
4-Bromofluorobenzene	102		70 - 130	04/10/12 05:39	04/10/12 09:56	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	0.943	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Acenaphthylene	ND		1.89	0.943	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Acetophenone	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Anthracene	ND		1.89	0.943	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Atrazine	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Benzaldehyde	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Benzo (a) anthracene	ND		1.89	0.943	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Benzo (a) pyrene	ND		1.89	0.943	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Benzo (b) fluoranthene	ND		1.89	0.943	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Benzo (g,h,i) perylene	ND		1.89	0.943	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Benzo (k) fluoranthene	ND		1.89	0.943	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Biphenyl	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
4-Bromophenyl phenyl ether	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Butyl benzyl phthalate	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Caprolactam	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Carbazole	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
4-Chloro-3-methylphenol	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
4-Chloroaniline	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Bis(2-chloroethoxy)methane	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Bis(2-chloroethyl)ether	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Bis(2-chloroisopropyl)ether	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
2-Chloronaphthalene	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
2-Chlorophenol	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
4-Chlorophenyl phenyl ether	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Chrysene	ND		1.89	0.943	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Dibenz (a,h) anthracene	ND		1.89	0.943	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Dibenzofuran	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Di-n-butyl phthalate	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
3,3-Dichlorobenzidine	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
2,4-Dichlorophenol	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Diethyl phthalate	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
2,4-Dimethylphenol	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Dimethyl phthalate	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
4,6-Dinitro-2-methylphenol	ND		23.6	12.3	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
2,4-Dinitrophenol	ND		23.6	12.3	ug/L		04/06/12 10:15	04/06/12 20:01	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Client Sample ID: TP-07-GW-040412-12

Lab Sample ID: NWD0378-01

Date Collected: 04/04/12 09:38

Matrix: Ground Water

Date Received: 04/05/12 08:00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
2,6-Dinitrotoluene	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Di-n-octyl phthalate	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Bis(2-ethylhexyl)phthalate	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Fluoranthene	ND		1.89	0.943	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Fluorene	ND		1.89	0.943	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Hexachlorobenzene	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Hexachlorobutadiene	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Hexachlorocyclopentadiene	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Hexachloroethane	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Indeno (1,2,3-cd) pyrene	ND		1.89	0.943	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Isophorone	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
2-Methylnaphthalene	ND		1.89	0.943	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
2-Methylphenol	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
3/4-Methylphenol	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Naphthalene	ND		1.89	0.943	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
4-Nitroaniline	ND		23.6	12.3	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
2-Nitroaniline	ND		23.6	12.3	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
3-Nitroaniline	ND		23.6	12.3	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Nitrobenzene	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
2-Nitrophenol	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
4-Nitrophenol	ND		23.6	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
N-Nitrosodiphenylamine	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
N-Nitrosodi-n-propylamine	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Pentachlorophenol	ND		23.6	12.3	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Phenanthrene	ND		1.89	0.943	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Phenol	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
Pyrene	ND		1.89	0.943	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
2,4,6-Trichlorophenol	ND		9.43	4.72	ug/L		04/06/12 10:15	04/06/12 20:01	1.00
2,4,5-Trichlorophenol	ND		23.6	12.3	ug/L		04/06/12 10:15	04/06/12 20:01	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	38		10 - 120	04/06/12 10:15	04/06/12 20:01	1.00
Phenol-d5	23		10 - 120	04/06/12 10:15	04/06/12 20:01	1.00
Nitrobenzene-d5	65		27 - 120	04/06/12 10:15	04/06/12 20:01	1.00
2-Fluorobiphenyl	68		29 - 120	04/06/12 10:15	04/06/12 20:01	1.00
2,4,6-Tribromophenol	71		10 - 120	04/06/12 10:15	04/06/12 20:01	1.00
Terphenyl-d14	73		13 - 120	04/06/12 10:15	04/06/12 20:01	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		04/05/12 16:45	04/05/12 20:05	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	120		70 - 130	04/05/12 16:45	04/05/12 20:05	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		47.2	23.6	ug/L		04/06/12 08:30	04/12/12 10:36	1.00
PCB-1221	ND		47.2	23.6	ug/L		04/06/12 08:30	04/12/12 10:36	1.00
PCB-1232	ND		47.2	23.6	ug/L		04/06/12 08:30	04/12/12 10:36	1.00
PCB-1242	ND		47.2	23.6	ug/L		04/06/12 08:30	04/12/12 10:36	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Client Sample ID: TP-07-GW-040412-12

Lab Sample ID: NWD0378-01

Date Collected: 04/04/12 09:38

Matrix: Ground Water

Date Received: 04/05/12 08:00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	ND		47.2	23.6	ug/L		04/06/12 08:30	04/12/12 10:36	1.00
PCB-1254	ND		47.2	23.6	ug/L		04/06/12 08:30	04/12/12 10:36	1.00
PCB-1260	ND		47.2	23.6	ug/L		04/06/12 08:30	04/12/12 10:36	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	96		17 - 142				04/06/12 08:30	04/12/12 10:36	1.00
Decachlorobiphenyl	49		10 - 149				04/06/12 08:30	04/12/12 10:36	1.00

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	34.6		2.00	0.500	ug/L		04/12/12 13:53	04/12/12 19:17	1.00
Arsenic	28.8		2.00	0.500	ug/L		04/12/12 13:53	04/12/12 19:17	1.00
Beryllium	ND		2.00	0.500	ug/L		04/12/12 13:53	04/12/12 19:17	1.00
Cadmium	12.6		1.00	0.400	ug/L		04/12/12 13:53	04/12/12 19:17	1.00
Chromium	125		2.00	0.500	ug/L		04/12/12 13:53	04/12/12 19:17	1.00
Cobalt	5.77		2.00	0.500	ug/L		04/12/12 13:53	04/12/12 19:17	1.00
Copper	141		5.00	1.00	ug/L		04/12/12 13:53	04/12/12 19:17	1.00
Manganese	548		5.00	1.00	ug/L		04/12/12 13:53	04/12/12 19:17	1.00
Nickel	21.7		5.00	0.500	ug/L		04/12/12 13:53	04/12/12 19:17	1.00
Selenium	ND		2.00	0.500	ug/L		04/12/12 13:53	04/12/12 19:17	1.00
Silver	ND		2.00	0.500	ug/L		04/12/12 13:53	04/12/12 19:17	1.00
Thallium	ND		2.00	0.700	ug/L		04/12/12 13:53	04/12/12 19:17	1.00
Vanadium	8.51		4.00	1.50	ug/L		04/12/12 13:53	04/12/12 19:17	1.00

Method: SW846 6020 - Total Metals by Method 6020 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	2800		250	25.0	ug/L		04/12/12 13:53	04/12/12 19:38	5.00

Method: SW846 6020 - Total Metals by Method 6020 - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	15100		40.0	10.0	ug/L		04/12/12 13:53	04/12/12 19:42	20.0
Lead	5660		40.0	4.00	ug/L		04/12/12 13:53	04/12/12 19:42	20.0

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		04/09/12 06:30	04/10/12 10:00	1.00

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND	HT3	0.0100	0.00500	mg/L		04/05/12 12:55	04/05/12 12:55	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND	M8	0.00500	0.00250	mg/L		04/17/12 12:00	04/17/12 13:59	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Client Sample ID: Trip Blank

Lab Sample ID: NWD0378-02

Date Collected: 04/04/12 00:01

Matrix: Water

Date Received: 04/05/12 08:00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Benzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Bromoform	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Chloroform	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Styrene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Toluene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/06/12 09:04	04/06/12 12:35	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 12:35	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Client Sample ID: Trip Blank

Lab Sample ID: NWD0378-02

Date Collected: 04/04/12 00:01

Matrix: Water

Date Received: 04/05/12 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	104		70 - 130	04/06/12 09:04	04/06/12 12:35	1.00
Dibromofluoromethane	106		70 - 130	04/06/12 09:04	04/06/12 12:35	1.00
Toluene-d8	101		70 - 130	04/06/12 09:04	04/06/12 12:35	1.00
4-Bromofluorobenzene	103		70 - 130	04/06/12 09:04	04/06/12 12:35	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Acetate	ND		10.0	5.00	ug/L		04/10/12 05:39	04/10/12 09:28	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	110		70 - 130	04/10/12 05:39	04/10/12 09:28	1.00
Dibromofluoromethane	108		70 - 130	04/10/12 05:39	04/10/12 09:28	1.00
Toluene-d8	102		70 - 130	04/10/12 05:39	04/10/12 09:28	1.00
4-Bromofluorobenzene	99		70 - 130	04/10/12 05:39	04/10/12 09:28	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 12D1636-BLK1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Benzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Bromoform	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Chloroform	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Styrene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Toluene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-BLK1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, total	ND		3.00	1.50	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/06/12 09:04	04/06/12 11:43	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	106		70 - 130				04/06/12 09:04	04/06/12 11:43	1.00
Dibromofluoromethane	102		70 - 130				04/06/12 09:04	04/06/12 11:43	1.00
Toluene-d8	102		70 - 130				04/06/12 09:04	04/06/12 11:43	1.00
4-Bromofluorobenzene	105		70 - 130				04/06/12 09:04	04/06/12 11:43	1.00

Lab Sample ID: 12D1636-BS1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	238		ug/L		95	54 - 145
Benzene	50.0	51.0		ug/L		102	80 - 121
Bromochloromethane	50.0	47.3		ug/L		95	78 - 129
Bromodichloromethane	50.0	48.8		ug/L		98	75 - 129
Bromoform	50.0	53.4		ug/L		107	46 - 145
Bromomethane	50.0	61.6		ug/L		123	41 - 150
2-Butanone	250	212		ug/L		85	62 - 133
Carbon disulfide	50.0	49.3		ug/L		99	77 - 126
Carbon Tetrachloride	50.0	54.8		ug/L		110	64 - 147
Chlorobenzene	50.0	49.4		ug/L		99	80 - 120
Chlorodibromomethane	50.0	52.9		ug/L		106	69 - 133
Chloroethane	50.0	53.9		ug/L		108	72 - 120
Chloroform	50.0	54.3		ug/L		109	73 - 129
Chloromethane	50.0	52.6		ug/L		105	12 - 150
Cyclohexane	50.0	53.8		ug/L		108	73 - 122
1,2-Dibromo-3-chloropropane	50.0	47.8		ug/L		96	54 - 125
1,2-Dibromoethane (EDB)	50.0	47.7		ug/L		95	80 - 129
1,2-Dichlorobenzene	50.0	49.6		ug/L		99	80 - 121
1,3-Dichlorobenzene	50.0	50.8		ug/L		102	80 - 122
1,4-Dichlorobenzene	50.0	50.0		ug/L		100	80 - 120
Dichlorodifluoromethane	50.0	48.9		ug/L		98	37 - 127
1,2-Dichloroethane	50.0	49.7		ug/L		99	77 - 121
1,1-Dichloroethane	50.0	52.8		ug/L		106	78 - 125
1,1-Dichloroethene	50.0	50.0		ug/L		100	79 - 124
trans-1,2-Dichloroethene	50.0	53.7		ug/L		107	79 - 126
cis-1,2-Dichloroethene	50.0	52.9		ug/L		106	76 - 125
1,2-Dichloropropane	50.0	46.5		ug/L		93	75 - 120
trans-1,3-Dichloropropene	50.0	48.6		ug/L		97	63 - 134
cis-1,3-Dichloropropene	50.0	52.3		ug/L		105	74 - 140
Ethylbenzene	50.0	52.4		ug/L		105	80 - 130
2-Hexanone	250	242		ug/L		97	60 - 142
Isopropylbenzene	50.0	56.7		ug/L		113	80 - 141
Methyl Acetate	50.0	30.2	L2	ug/L		60	64 - 150
Methylcyclohexane	50.0	51.1		ug/L		102	71 - 129
Methyl tert-Butyl Ether	50.0	45.8		ug/L		92	72 - 133

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-BS1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	50.0	49.2		ug/L		98	79 - 123
4-Methyl-2-pentanone	250	218		ug/L		87	60 - 137
n-Propylbenzene	50.0	55.2		ug/L		110	75 - 129
Styrene	50.0	51.5		ug/L		103	80 - 127
1,1,2,2-Tetrachloroethane	50.0	48.1		ug/L		96	69 - 131
Tetrachloroethene	50.0	49.5		ug/L		99	80 - 126
Tetrahydrofuran	500	440		ug/L		88	51 - 124
Toluene	50.0	49.0		ug/L		98	80 - 126
1,2,4-Trichlorobenzene	50.0	51.5		ug/L		103	63 - 133
1,1,1-Trichloroethane	50.0	52.3		ug/L		105	78 - 135
1,1,2-Trichloroethane	50.0	45.1		ug/L		90	80 - 124
Trichloroethene	50.0	50.2		ug/L		100	80 - 123
Trichlorofluoromethane	50.0	46.4		ug/L		93	65 - 124
Vinyl chloride	50.0	55.8		ug/L		112	68 - 120
Xylenes, total	150	155		ug/L		103	80 - 132
1,1,2-Trifluorotrichloroethane	50.0	50.9		ug/L		102	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	104		70 - 130
Dibromofluoromethane	103		70 - 130
Toluene-d8	102		70 - 130
4-Bromofluorobenzene	105		70 - 130

Lab Sample ID: 12D1636-BSD1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Acetone	250	228		ug/L		91	54 - 145	4	21
Benzene	50.0	50.6		ug/L		101	80 - 121	0.9	17
Bromochloromethane	50.0	47.4		ug/L		95	78 - 129	0.2	17
Bromodichloromethane	50.0	49.3		ug/L		99	75 - 129	1	18
Bromoform	50.0	51.8		ug/L		104	46 - 145	3	16
Bromomethane	50.0	61.8		ug/L		124	41 - 150	0.4	50
2-Butanone	250	222		ug/L		89	62 - 133	5	19
Carbon disulfide	50.0	50.6		ug/L		101	77 - 126	3	21
Carbon Tetrachloride	50.0	53.7		ug/L		107	64 - 147	2	19
Chlorobenzene	50.0	49.7		ug/L		99	80 - 120	0.5	14
Chlorodibromomethane	50.0	52.6		ug/L		105	69 - 133	0.5	15
Chloroethane	50.0	53.3		ug/L		107	72 - 120	1	20
Chloroform	50.0	54.9		ug/L		110	73 - 129	1	18
Chloromethane	50.0	54.6		ug/L		109	12 - 150	4	31
Cyclohexane	50.0	53.8		ug/L		108	73 - 122	0.02	16
1,2-Dibromo-3-chloropropane	50.0	47.5		ug/L		95	54 - 125	0.7	24
1,2-Dibromoethane (EDB)	50.0	47.6		ug/L		95	80 - 129	0.3	15
1,2-Dichlorobenzene	50.0	47.4		ug/L		95	80 - 121	4	15
1,3-Dichlorobenzene	50.0	49.4		ug/L		99	80 - 122	3	15
1,4-Dichlorobenzene	50.0	48.8		ug/L		98	80 - 120	2	15
Dichlorodifluoromethane	50.0	50.2		ug/L		100	37 - 127	3	18

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-BSD1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane	50.0	50.0		ug/L		100	77 - 121	0.7	17
1,1-Dichloroethane	50.0	53.9		ug/L		108	78 - 125	2	17
1,1-Dichloroethene	50.0	51.1		ug/L		102	79 - 124	2	17
trans-1,2-Dichloroethene	50.0	55.0		ug/L		110	79 - 126	2	16
cis-1,2-Dichloroethene	50.0	53.4		ug/L		107	76 - 125	0.8	17
1,2-Dichloropropane	50.0	47.2		ug/L		94	75 - 120	2	17
trans-1,3-Dichloropropene	50.0	48.6		ug/L		97	63 - 134	0	14
cis-1,3-Dichloropropene	50.0	52.0		ug/L		104	74 - 140	0.6	15
Ethylbenzene	50.0	52.4		ug/L		105	80 - 130	0.04	15
2-Hexanone	250	235		ug/L		94	60 - 142	3	15
Isopropylbenzene	50.0	57.0		ug/L		114	80 - 141	0.6	16
Methyl Acetate	50.0	30.4	L2	ug/L		61	64 - 150	0.8	31
Methylcyclohexane	50.0	51.5		ug/L		103	71 - 129	0.8	19
Methyl tert-Butyl Ether	50.0	46.6		ug/L		93	72 - 133	2	16
Methylene Chloride	50.0	49.8		ug/L		100	79 - 123	1	17
4-Methyl-2-pentanone	250	216		ug/L		86	60 - 137	0.9	17
n-Propylbenzene	50.0	52.6		ug/L		105	75 - 129	5	17
Styrene	50.0	51.6		ug/L		103	80 - 127	0.08	24
1,1,2,2-Tetrachloroethane	50.0	45.7		ug/L		91	69 - 131	5	20
Tetrachloroethene	50.0	48.7		ug/L		97	80 - 126	2	16
Tetrahydrofuran	500	451		ug/L		90	51 - 124	2	18
Toluene	50.0	49.0		ug/L		98	80 - 126	0.1	15
1,2,4-Trichlorobenzene	50.0	50.2		ug/L		100	63 - 133	2	19
1,1,1-Trichloroethane	50.0	53.4		ug/L		107	78 - 135	2	17
1,1,2-Trichloroethane	50.0	45.4		ug/L		91	80 - 124	0.7	15
Trichloroethene	50.0	49.4		ug/L		99	80 - 123	1	17
Trichlorofluoromethane	50.0	46.2		ug/L		92	65 - 124	0.4	18
Vinyl chloride	50.0	56.1		ug/L		112	68 - 120	0.6	17
Xylenes, total	150	155		ug/L		104	80 - 132	0.1	15
1,1,2-Trifluorotrichloroethane	50.0	51.5		ug/L		103	77 - 129	1	18

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
1,2-Dichloroethane-d4	104		70 - 130
Dibromofluoromethane	105		70 - 130
Toluene-d8	102		70 - 130
4-Bromofluorobenzene	98		70 - 130

Lab Sample ID: 12D1636-MS1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		250	240		ug/L		96	45 - 141
Benzene	ND		50.0	56.3		ug/L		113	75 - 133
Bromochloromethane	ND		50.0	52.2		ug/L		104	67 - 139
Bromodichloromethane	ND		50.0	55.0		ug/L		110	70 - 140
Bromoform	ND		50.0	54.3		ug/L		109	42 - 147
Bromomethane	ND		50.0	65.3		ug/L		131	16 - 163
2-Butanone	ND		250	233		ug/L		93	50 - 138

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-MS1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Carbon disulfide	ND		50.0	50.3		ug/L		101	48 - 152
Carbon Tetrachloride	ND		50.0	62.7		ug/L		125	62 - 164
Chlorobenzene	ND		50.0	54.3		ug/L		109	80 - 129
Chlorodibromomethane	ND		50.0	57.5		ug/L		115	66 - 140
Chloroethane	ND		50.0	57.6		ug/L		115	58 - 137
Chloroform	ND		50.0	58.0		ug/L		116	66 - 138
Chloromethane	ND		50.0	55.8		ug/L		112	10 - 169
Cyclohexane	ND		50.0	58.8		ug/L		118	58 - 144
1,2-Dibromo-3-chloropropane	ND		50.0	51.4		ug/L		103	52 - 126
1,2-Dibromoethane (EDB)	ND		50.0	52.2		ug/L		104	75 - 137
1,2-Dichlorobenzene	ND		50.0	51.2		ug/L		102	79 - 128
1,3-Dichlorobenzene	ND		50.0	52.6		ug/L		105	77 - 131
1,4-Dichlorobenzene	ND		50.0	52.6		ug/L		105	78 - 126
Dichlorodifluoromethane	ND		50.0	54.0		ug/L		108	40 - 127
1,2-Dichloroethane	ND		50.0	55.6		ug/L		111	64 - 136
1,1-Dichloroethane	ND		50.0	59.3		ug/L		119	71 - 139
1,1-Dichloroethene	ND		50.0	55.6		ug/L		111	70 - 142
trans-1,2-Dichloroethene	ND		50.0	59.6		ug/L		119	66 - 143
cis-1,2-Dichloroethene	ND		50.0	58.3		ug/L		117	68 - 138
1,2-Dichloropropane	ND		50.0	51.6		ug/L		103	67 - 131
trans-1,3-Dichloropropene	ND		50.0	52.8		ug/L		106	59 - 135
cis-1,3-Dichloropropene	ND		50.0	57.6		ug/L		115	71 - 141
Ethylbenzene	ND		50.0	57.5		ug/L		115	79 - 139
2-Hexanone	ND		250	260		ug/L		104	50 - 150
Isopropylbenzene	ND		50.0	62.1		ug/L		124	80 - 153
Methyl Acetate	ND		50.0	31.3		ug/L		63	30 - 165
Methylcyclohexane	ND		50.0	52.0		ug/L		104	59 - 151
Methyl tert-Butyl Ether	ND		50.0	50.9		ug/L		102	66 - 141
Methylene Chloride	ND		50.0	52.1		ug/L		104	64 - 139
4-Methyl-2-pentanone	ND		250	244		ug/L		98	50 - 147
n-Propylbenzene	ND		50.0	57.8		ug/L		116	69 - 142
Styrene	ND		50.0	55.9		ug/L		112	61 - 148
1,1,1,2-Tetrachloroethane	ND		50.0	52.0		ug/L		104	56 - 143
Tetrachloroethene	ND		50.0	53.7		ug/L		107	72 - 145
Tetrahydrofuran	ND		500	520		ug/L		104	34 - 133
Toluene	ND		50.0	54.6		ug/L		109	75 - 136
1,2,4-Trichlorobenzene	ND		50.0	48.8		ug/L		98	60 - 136
1,1,1-Trichloroethane	ND		50.0	61.2		ug/L		122	76 - 149
1,1,2-Trichloroethane	ND		50.0	51.0		ug/L		102	74 - 134
Trichloroethene	ND		50.0	54.5		ug/L		109	73 - 144
Trichlorofluoromethane	ND		50.0	54.0		ug/L		108	58 - 139
Vinyl chloride	ND		50.0	60.2		ug/L		120	56 - 129
Xylenes, total	ND		150	170		ug/L		113	74 - 141
1,1,2-Trifluorotrichloroethane	ND		50.0	57.8		ug/L		116	72 - 148

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	108		70 - 130
Dibromofluoromethane	104		70 - 130
Toluene-d8	101		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-MS1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1636_P

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
4-Bromofluorobenzene	103		70 - 130

Lab Sample ID: 12D1636-MSD1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		250	241		ug/L		96	45 - 141	0.5	21
Benzene	ND		50.0	58.0		ug/L		116	75 - 133	3	17
Bromochloromethane	ND		50.0	54.4		ug/L		109	67 - 139	4	17
Bromodichloromethane	ND		50.0	55.8		ug/L		112	70 - 140	1	18
Bromoform	ND		50.0	56.7		ug/L		113	42 - 147	4	16
Bromomethane	ND		50.0	66.5		ug/L		133	16 - 163	2	50
2-Butanone	ND		250	236		ug/L		94	50 - 138	1	19
Carbon disulfide	ND		50.0	52.1		ug/L		104	48 - 152	4	21
Carbon Tetrachloride	ND		50.0	63.1		ug/L		126	62 - 164	0.6	19
Chlorobenzene	ND		50.0	55.3		ug/L		111	80 - 129	2	14
Chlorodibromomethane	ND		50.0	60.4		ug/L		121	66 - 140	5	15
Chloroethane	ND		50.0	60.2		ug/L		120	58 - 137	4	20
Chloroform	ND		50.0	59.5		ug/L		119	66 - 138	2	18
Chloromethane	ND		50.0	58.8		ug/L		118	10 - 169	5	31
Cyclohexane	ND		50.0	58.2		ug/L		116	58 - 144	1	16
1,2-Dibromo-3-chloropropane	ND		50.0	50.4		ug/L		101	52 - 126	2	24
1,2-Dibromoethane (EDB)	ND		50.0	53.3		ug/L		107	75 - 137	2	15
1,2-Dichlorobenzene	ND		50.0	52.3		ug/L		105	79 - 128	2	15
1,3-Dichlorobenzene	ND		50.0	54.1		ug/L		108	77 - 131	3	15
1,4-Dichlorobenzene	ND		50.0	54.2		ug/L		108	78 - 126	3	15
Dichlorodifluoromethane	ND		50.0	55.0		ug/L		110	40 - 127	2	18
1,2-Dichloroethane	ND		50.0	56.2		ug/L		112	64 - 136	0.9	17
1,1-Dichloroethane	ND		50.0	61.1		ug/L		122	71 - 139	3	17
1,1-Dichloroethene	ND		50.0	57.0		ug/L		114	70 - 142	3	17
trans-1,2-Dichloroethene	ND		50.0	60.8		ug/L		122	66 - 143	2	16
cis-1,2-Dichloroethene	ND		50.0	60.1		ug/L		120	68 - 138	3	17
1,2-Dichloropropane	ND		50.0	52.8		ug/L		106	67 - 131	2	17
trans-1,3-Dichloropropene	ND		50.0	55.2		ug/L		110	59 - 135	4	14
cis-1,3-Dichloropropene	ND		50.0	58.1		ug/L		116	71 - 141	1	15
Ethylbenzene	ND		50.0	59.6		ug/L		119	79 - 139	4	15
2-Hexanone	ND		250	271		ug/L		109	50 - 150	4	15
Isopropylbenzene	ND		50.0	63.3		ug/L		127	80 - 153	2	16
Methyl Acetate	ND		50.0	32.1		ug/L		64	30 - 165	2	31
Methylcyclohexane	ND		50.0	51.0		ug/L		102	59 - 151	2	19
Methyl tert-Butyl Ether	ND		50.0	52.8		ug/L		106	66 - 141	4	16
Methylene Chloride	ND		50.0	54.5		ug/L		109	64 - 139	5	17
4-Methyl-2-pentanone	ND		250	258		ug/L		103	50 - 147	6	17
n-Propylbenzene	ND		50.0	57.9		ug/L		116	69 - 142	0.3	17
Styrene	ND		50.0	58.5		ug/L		117	61 - 148	5	24
1,1,1,2-Tetrachloroethane	ND		50.0	52.4		ug/L		105	56 - 143	0.7	20
Tetrachloroethene	ND		50.0	53.2		ug/L		106	72 - 145	0.9	16
Tetrahydrofuran	ND		500	511		ug/L		102	34 - 133	2	18

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1636-MSD1

Matrix: Water

Analysis Batch: V005807

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1636_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	ND		50.0	56.2		ug/L		112	75 - 136	3	15
1,2,4-Trichlorobenzene	ND		50.0	50.4		ug/L		101	60 - 136	3	19
1,1,1-Trichloroethane	ND		50.0	61.7		ug/L		123	76 - 149	0.8	17
1,1,2-Trichloroethane	ND		50.0	52.5		ug/L		105	74 - 134	3	15
Trichloroethene	ND		50.0	55.7		ug/L		111	73 - 144	2	17
Trichlorofluoromethane	ND		50.0	55.5		ug/L		111	58 - 139	3	18
Vinyl chloride	ND		50.0	63.2		ug/L		126	56 - 129	5	17
Xylenes, total	ND		150	175		ug/L		117	74 - 141	3	15
1,1,2-Trifluorotrichloroethane	ND		50.0	60.1		ug/L		120	72 - 148	4	18

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits
1,2-Dichloroethane-d4	106		70 - 130
Dibromofluoromethane	104		70 - 130
Toluene-d8	103		70 - 130
4-Bromofluorobenzene	104		70 - 130

Lab Sample ID: 12D1830-BLK1

Matrix: Water

Analysis Batch: V005866

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1830_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Benzene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Bromoform	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Chloroform	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1830-BLK1

Matrix: Water

Analysis Batch: V005866

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1830_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Styrene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Toluene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/10/12 05:39	04/10/12 08:59	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/10/12 05:39	04/10/12 08:59	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	106		70 - 130	04/10/12 05:39	04/10/12 08:59	1.00
Dibromofluoromethane	106		70 - 130	04/10/12 05:39	04/10/12 08:59	1.00
Toluene-d8	102		70 - 130	04/10/12 05:39	04/10/12 08:59	1.00
4-Bromofluorobenzene	102		70 - 130	04/10/12 05:39	04/10/12 08:59	1.00

Lab Sample ID: 12D1830-BS1

Matrix: Water

Analysis Batch: V005866

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1830_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	246		ug/L		98	54 - 145
Benzene	50.0	48.1		ug/L		96	80 - 121
Bromochloromethane	50.0	52.1		ug/L		104	78 - 129
Bromodichloromethane	50.0	53.7		ug/L		107	75 - 129
Bromoform	50.0	45.4		ug/L		91	46 - 145
Bromomethane	50.0	51.1		ug/L		102	41 - 150
2-Butanone	250	256		ug/L		103	62 - 133
Carbon disulfide	50.0	49.2		ug/L		98	77 - 126
Carbon Tetrachloride	50.0	58.7		ug/L		117	64 - 147
Chlorobenzene	50.0	50.0		ug/L		100	80 - 120
Chlorodibromomethane	50.0	48.0		ug/L		96	69 - 133
Chloroethane	50.0	56.8		ug/L		114	72 - 120
Chloroform	50.0	48.4		ug/L		97	73 - 129
Chloromethane	50.0	40.1		ug/L		80	12 - 150

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1830-BS1

Matrix: Water

Analysis Batch: V005866

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1830_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyclohexane	50.0	48.0		ug/L		96	73 - 122
1,2-Dibromo-3-chloropropane	50.0	44.0		ug/L		88	54 - 125
1,2-Dibromoethane (EDB)	50.0	51.4		ug/L		103	80 - 129
1,2-Dichlorobenzene	50.0	50.7		ug/L		101	80 - 121
1,3-Dichlorobenzene	50.0	49.4		ug/L		99	80 - 122
1,4-Dichlorobenzene	50.0	49.9		ug/L		100	80 - 120
Dichlorodifluoromethane	50.0	50.4		ug/L		101	37 - 127
1,2-Dichloroethane	50.0	52.2		ug/L		104	77 - 121
1,1-Dichloroethane	50.0	50.2		ug/L		100	78 - 125
1,1-Dichloroethene	50.0	52.3		ug/L		105	79 - 124
trans-1,2-Dichloroethene	50.0	49.9		ug/L		100	79 - 126
cis-1,2-Dichloroethene	50.0	50.4		ug/L		101	76 - 125
1,2-Dichloropropane	50.0	46.0		ug/L		92	75 - 120
trans-1,3-Dichloropropene	50.0	56.3		ug/L		113	63 - 134
cis-1,3-Dichloropropene	50.0	56.4		ug/L		113	74 - 140
Ethylbenzene	50.0	48.4		ug/L		97	80 - 130
2-Hexanone	250	219		ug/L		87	60 - 142
Isopropylbenzene	50.0	54.4		ug/L		109	80 - 141
Methyl Acetate	50.0	58.4		ug/L		117	64 - 150
Methylcyclohexane	50.0	51.2		ug/L		102	71 - 129
Methyl tert-Butyl Ether	50.0	49.2		ug/L		98	72 - 133
Methylene Chloride	50.0	46.9		ug/L		94	79 - 123
4-Methyl-2-pentanone	250	223		ug/L		89	60 - 137
n-Propylbenzene	50.0	47.3		ug/L		95	75 - 129
Styrene	50.0	51.5		ug/L		103	80 - 127
1,1,1,2-Tetrachloroethane	50.0	47.6		ug/L		95	69 - 131
Tetrachloroethene	50.0	50.5		ug/L		101	80 - 126
Tetrahydrofuran	500	390		ug/L		78	51 - 124
Toluene	50.0	49.4		ug/L		99	80 - 126
1,2,4-Trichlorobenzene	50.0	51.7		ug/L		103	63 - 133
1,1,1-Trichloroethane	50.0	53.1		ug/L		106	78 - 135
1,1,2-Trichloroethane	50.0	49.4		ug/L		99	80 - 124
Trichloroethene	50.0	50.0		ug/L		100	80 - 123
Trichlorofluoromethane	50.0	48.4		ug/L		97	65 - 124
Vinyl chloride	50.0	51.4		ug/L		103	68 - 120
Xylenes, total	150	148		ug/L		99	80 - 132
1,1,2-Trifluorotrichloroethane	50.0	52.9		ug/L		106	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	103		70 - 130
Dibromofluoromethane	107		70 - 130
Toluene-d8	103		70 - 130
4-Bromofluorobenzene	98		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1830-BSD1

Matrix: Water

Analysis Batch: V005866

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1830_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits			
Acetone	250	307	R2	ug/L		123	54 - 145		22	21
Benzene	50.0	49.9		ug/L		100	80 - 121		4	17
Bromochloromethane	50.0	54.1		ug/L		108	78 - 129		4	17
Bromodichloromethane	50.0	55.3		ug/L		111	75 - 129		3	18
Bromoform	50.0	46.8		ug/L		94	46 - 145		3	16
Bromomethane	50.0	53.3		ug/L		107	41 - 150		4	50
2-Butanone	250	283		ug/L		113	62 - 133		10	19
Carbon disulfide	50.0	50.7		ug/L		101	77 - 126		3	21
Carbon Tetrachloride	50.0	59.3		ug/L		119	64 - 147		1	19
Chlorobenzene	50.0	51.5		ug/L		103	80 - 120		3	14
Chlorodibromomethane	50.0	49.7		ug/L		99	69 - 133		4	15
Chloroethane	50.0	57.2		ug/L		114	72 - 120	0.7		20
Chloroform	50.0	50.3		ug/L		101	73 - 129		4	18
Chloromethane	50.0	37.1		ug/L		74	12 - 150		8	31
Cyclohexane	50.0	49.2		ug/L		98	73 - 122		2	16
1,2-Dibromo-3-chloropropane	50.0	43.8		ug/L		88	54 - 125	0.3		24
1,2-Dibromoethane (EDB)	50.0	54.1		ug/L		108	80 - 129		5	15
1,2-Dichlorobenzene	50.0	47.4		ug/L		95	80 - 121		7	15
1,3-Dichlorobenzene	50.0	50.7		ug/L		101	80 - 122		3	15
1,4-Dichlorobenzene	50.0	51.1		ug/L		102	80 - 120		2	15
Dichlorodifluoromethane	50.0	51.0		ug/L		102	37 - 127		1	18
1,2-Dichloroethane	50.0	53.9		ug/L		108	77 - 121		3	17
1,1-Dichloroethane	50.0	52.1		ug/L		104	78 - 125		4	17
1,1-Dichloroethene	50.0	53.4		ug/L		107	79 - 124		2	17
trans-1,2-Dichloroethene	50.0	52.2		ug/L		104	79 - 126		5	16
cis-1,2-Dichloroethene	50.0	51.7		ug/L		103	76 - 125		3	17
1,2-Dichloropropane	50.0	47.9		ug/L		96	75 - 120		4	17
trans-1,3-Dichloropropene	50.0	58.2		ug/L		116	63 - 134		3	14
cis-1,3-Dichloropropene	50.0	58.6		ug/L		117	74 - 140		4	15
Ethylbenzene	50.0	50.1		ug/L		100	80 - 130		3	15
2-Hexanone	250	238		ug/L		95	60 - 142		8	15
Isopropylbenzene	50.0	55.6		ug/L		111	80 - 141		2	16
Methyl Acetate	50.0	60.0		ug/L		120	64 - 150		3	31
Methylcyclohexane	50.0	52.8		ug/L		106	71 - 129		3	19
Methyl tert-Butyl Ether	50.0	51.1		ug/L		102	72 - 133		4	16
Methylene Chloride	50.0	48.7		ug/L		97	79 - 123		4	17
4-Methyl-2-pentanone	250	234		ug/L		93	60 - 137		5	17
n-Propylbenzene	50.0	48.2		ug/L		96	75 - 129		2	17
Styrene	50.0	53.3		ug/L		107	80 - 127		3	24
1,1,2,2-Tetrachloroethane	50.0	49.7		ug/L		99	69 - 131		4	20
Tetrachloroethene	50.0	52.0		ug/L		104	80 - 126		3	16
Tetrahydrofuran	500	403		ug/L		81	51 - 124		3	18
Toluene	50.0	51.0		ug/L		102	80 - 126		3	15
1,2,4-Trichlorobenzene	50.0	52.9		ug/L		106	63 - 133		2	19
1,1,1-Trichloroethane	50.0	54.7		ug/L		109	78 - 135		3	17
1,1,2-Trichloroethane	50.0	51.7		ug/L		103	80 - 124		5	15
Trichloroethene	50.0	51.6		ug/L		103	80 - 123		3	17
Trichlorofluoromethane	50.0	49.2		ug/L		98	65 - 124		2	18
Vinyl chloride	50.0	52.5		ug/L		105	68 - 120		2	17

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1830-BSD1

Matrix: Water

Analysis Batch: V005866

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1830_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Xylenes, total	150	153		ug/L		102	80 - 132	3	15
1,1,2-Trifluorotrichloroethane	50.0	53.8		ug/L		108	77 - 129	2	18

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
1,2-Dichloroethane-d4	104		70 - 130
Dibromofluoromethane	109		70 - 130
Toluene-d8	103		70 - 130
4-Bromofluorobenzene	98		70 - 130

Lab Sample ID: 12D1830-MS1

Matrix: Water

Analysis Batch: V005866

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1830_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		12500	14100		ug/L		113	45 - 141
Benzene	390		2500	2940		ug/L		102	75 - 133
Bromochloromethane	ND		2500	2730		ug/L		109	67 - 139
Bromodichloromethane	ND		2500	2600		ug/L		104	70 - 140
Bromoform	ND		2500	1990		ug/L		80	42 - 147
Bromomethane	ND		2500	2500		ug/L		100	16 - 163
2-Butanone	ND		12500	14100		ug/L		113	50 - 138
Carbon disulfide	ND		2500	2740		ug/L		110	48 - 152
Carbon Tetrachloride	ND		2500	2750		ug/L		110	62 - 164
Chlorobenzene	ND		2500	2680		ug/L		107	80 - 129
Chlorodibromomethane	ND		2500	2280		ug/L		91	66 - 140
Chloroethane	ND		2500	3430		ug/L		137	58 - 137
Chloroform	ND		2500	2410		ug/L		96	66 - 138
Chloromethane	199		2500	1990		ug/L		72	10 - 169
Cyclohexane	ND		2500	2900		ug/L		116	58 - 144
1,2-Dibromo-3-chloropropane	ND		2500	1990		ug/L		80	52 - 126
1,2-Dibromoethane (EDB)	ND		2500	2700		ug/L		108	75 - 137
1,2-Dichlorobenzene	ND		2500	2480		ug/L		99	79 - 128
1,3-Dichlorobenzene	ND		2500	2640		ug/L		106	77 - 131
1,4-Dichlorobenzene	ND		2500	2640		ug/L		106	78 - 126
Dichlorodifluoromethane	ND		2500	2200		ug/L		88	40 - 127
1,2-Dichloroethane	48.5		2500	2420		ug/L		95	64 - 136
1,1-Dichloroethane	ND		2500	2640		ug/L		106	71 - 139
1,1-Dichloroethene	ND		2500	2950		ug/L		118	70 - 142
trans-1,2-Dichloroethene	ND		2500	2670		ug/L		107	66 - 143
cis-1,2-Dichloroethene	ND		2500	2570		ug/L		103	68 - 138
1,2-Dichloropropane	ND		2500	2590		ug/L		104	67 - 131
trans-1,3-Dichloropropene	ND		2500	2640		ug/L		106	59 - 135
cis-1,3-Dichloropropene	ND		2500	2860		ug/L		114	71 - 141
Ethylbenzene	840		2500	3400		ug/L		102	79 - 139
2-Hexanone	ND		12500	12700		ug/L		102	50 - 150
Isopropylbenzene	ND		2500	2870		ug/L		115	80 - 153
Methyl Acetate	727		2500	3810		ug/L		123	30 - 165
Methylcyclohexane	ND		2500	3020		ug/L		121	59 - 151
Methyl tert-Butyl Ether	ND		2500	2500		ug/L		100	66 - 141

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1830-MS1

Matrix: Water

Analysis Batch: V005866

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1830_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	ND		2500	2570		ug/L		103	64 - 139
4-Methyl-2-pentanone	ND		12500	12700		ug/L		101	50 - 147
n-Propylbenzene	51.5		2500	2760		ug/L		108	69 - 142
Styrene	ND		2500	2630		ug/L		105	61 - 148
1,1,2,2-Tetrachloroethane	ND		2500	2810		ug/L		112	56 - 143
Tetrachloroethene	ND		2500	2650		ug/L		106	72 - 145
Tetrahydrofuran	ND		25000	20800		ug/L		83	34 - 133
Toluene	35.0		2500	2740		ug/L		108	75 - 136
1,2,4-Trichlorobenzene	ND		2500	2580		ug/L		103	60 - 136
1,1,1-Trichloroethane	ND		2500	2580		ug/L		103	76 - 149
1,1,2-Trichloroethane	ND		2500	2630		ug/L		105	74 - 134
Trichloroethene	ND		2500	2700		ug/L		108	73 - 144
Trichlorofluoromethane	ND		2500	2470		ug/L		99	58 - 139
Vinyl chloride	ND		2500	3010		ug/L		121	56 - 129
Xylenes, total	4140		7500	10800		ug/L		89	74 - 141
1,1,2-Trifluorotrichloroethane	ND		2500	2950		ug/L		118	72 - 148

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	88		70 - 130
Dibromofluoromethane	100		70 - 130
Toluene-d8	102		70 - 130
4-Bromofluorobenzene	103		70 - 130

Lab Sample ID: 12D1830-MSD1

Matrix: Water

Analysis Batch: V005866

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1830_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Acetone	ND		12500	13600		ug/L		109	45 - 141	3	21
Benzene	390		2500	3010		ug/L		105	75 - 133	2	17
Bromochloromethane	ND		2500	2780		ug/L		111	67 - 139	2	17
Bromodichloromethane	ND		2500	2630		ug/L		105	70 - 140	1	18
Bromoform	ND		2500	2090		ug/L		84	42 - 147	5	16
Bromomethane	ND		2500	2620		ug/L		105	16 - 163	5	50
2-Butanone	ND		12500	14000		ug/L		112	50 - 138	0.8	19
Carbon disulfide	ND		2500	2750		ug/L		110	48 - 152	0.6	21
Carbon Tetrachloride	ND		2500	2840		ug/L		113	62 - 164	3	19
Chlorobenzene	ND		2500	2720		ug/L		109	80 - 129	1	14
Chlorodibromomethane	ND		2500	2320		ug/L		93	66 - 140	2	15
Chloroethane	ND		2500	3030		ug/L		121	58 - 137	12	20
Chloroform	ND		2500	2460		ug/L		98	66 - 138	2	18
Chloromethane	199		2500	2190		ug/L		80	10 - 169	9	31
Cyclohexane	ND		2500	2990		ug/L		120	58 - 144	3	16
1,2-Dibromo-3-chloropropane	ND		2500	2050		ug/L		82	52 - 126	3	24
1,2-Dibromoethane (EDB)	ND		2500	2740		ug/L		110	75 - 137	2	15
1,2-Dichlorobenzene	ND		2500	2490		ug/L		100	79 - 128	0.8	15
1,3-Dichlorobenzene	ND		2500	2650		ug/L		106	77 - 131	0.4	15
1,4-Dichlorobenzene	ND		2500	2650		ug/L		106	78 - 126	0.5	15
Dichlorodifluoromethane	ND		2500	2300		ug/L		92	40 - 127	5	18

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1830-MSD1

Matrix: Water

Analysis Batch: V005866

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1830_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane	48.5		2500	2470		ug/L		97	64 - 136	2	17
1,1-Dichloroethane	ND		2500	2670		ug/L		107	71 - 139	1	17
1,1-Dichloroethene	ND		2500	2830		ug/L		113	70 - 142	4	17
trans-1,2-Dichloroethene	ND		2500	2700		ug/L		108	66 - 143	1	16
cis-1,2-Dichloroethene	ND		2500	2610		ug/L		104	68 - 138	1	17
1,2-Dichloropropane	ND		2500	2660		ug/L		107	67 - 131	3	17
trans-1,3-Dichloropropene	ND		2500	2720		ug/L		109	59 - 135	3	14
cis-1,3-Dichloropropene	ND		2500	2910		ug/L		116	71 - 141	2	15
Ethylbenzene	840		2500	3370		ug/L		101	79 - 139	0.8	15
2-Hexanone	ND		12500	12700		ug/L		101	50 - 150	0.4	15
Isopropylbenzene	ND		2500	2900		ug/L		116	80 - 153	0.9	16
Methyl Acetate	727		2500	3780		ug/L		122	30 - 165	0.9	31
Methylcyclohexane	ND		2500	3080		ug/L		123	59 - 151	2	19
Methyl tert-Butyl Ether	ND		2500	2480		ug/L		99	66 - 141	0.9	16
Methylene Chloride	ND		2500	2600		ug/L		104	64 - 139	1	17
4-Methyl-2-pentanone	ND		12500	12800		ug/L		102	50 - 147	1	17
n-Propylbenzene	51.5		2500	2780		ug/L		109	69 - 142	0.5	17
Styrene	ND		2500	2690		ug/L		107	61 - 148	2	24
1,1,2,2-Tetrachloroethane	ND		2500	2850		ug/L		114	56 - 143	1	20
Tetrachloroethene	ND		2500	2690		ug/L		108	72 - 145	1	16
Tetrahydrofuran	ND		25000	21100		ug/L		84	34 - 133	2	18
Toluene	35.0		2500	2750		ug/L		108	75 - 136	0.2	15
1,2,4-Trichlorobenzene	ND		2500	2640		ug/L		106	60 - 136	2	19
1,1,1-Trichloroethane	ND		2500	2600		ug/L		104	76 - 149	0.7	17
1,1,2-Trichloroethane	ND		2500	2680		ug/L		107	74 - 134	2	15
Trichloroethene	ND		2500	2760		ug/L		110	73 - 144	2	17
Trichlorofluoromethane	ND		2500	2330		ug/L		93	58 - 139	6	18
Vinyl chloride	ND		2500	2820		ug/L		113	56 - 129	6	17
Xylenes, total	4140		7500	10700		ug/L		87	74 - 141	1	15
1,1,2-Trifluorotrichloroethane	ND		2500	2850		ug/L		114	72 - 148	3	18

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits
1,2-Dichloroethane-d4	89		70 - 130
Dibromofluoromethane	100		70 - 130
Toluene-d8	102		70 - 130
4-Bromofluorobenzene	102		70 - 130

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Lab Sample ID: 12D1008-BLK1

Matrix: Water

Analysis Batch: 12D1008

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1008_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.00	1.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Acenaphthylene	ND		2.00	1.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Acetophenone	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Anthracene	ND		2.00	1.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Atrazine	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1008-BLK1

Matrix: Water

Analysis Batch: 12D1008

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1008_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Benzo (a) anthracene	ND		2.00	1.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Benzo (a) pyrene	ND		2.00	1.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Benzo (b) fluoranthene	ND		2.00	1.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Benzo (g,h,i) perylene	ND		2.00	1.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Benzo (k) fluoranthene	ND		2.00	1.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Biphenyl	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
4-Bromophenyl phenyl ether	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Butyl benzyl phthalate	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Caprolactam	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Carbazole	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
4-Chloro-3-methylphenol	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
4-Chloroaniline	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Bis(2-chloroethoxy)methane	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Bis(2-chloroethyl)ether	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Bis(2-chloroisopropyl)ether	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
2-Chloronaphthalene	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
2-Chlorophenol	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
4-Chlorophenyl phenyl ether	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Chrysene	ND		2.00	1.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Dibenz (a,h) anthracene	ND		2.00	1.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Dibenzofuran	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Di-n-butyl phthalate	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
3,3-Dichlorobenzidine	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
2,4-Dichlorophenol	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Diethyl phthalate	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
2,4-Dimethylphenol	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Dimethyl phthalate	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
4,6-Dinitro-2-methylphenol	ND		25.0	13.0	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
2,4-Dinitrophenol	ND		25.0	13.0	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
2,4-Dinitrotoluene	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
2,6-Dinitrotoluene	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Di-n-octyl phthalate	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Bis(2-ethylhexyl)phthalate	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Fluoranthene	ND		2.00	1.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Fluorene	ND		2.00	1.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Hexachlorobenzene	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Hexachlorobutadiene	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Hexachlorocyclopentadiene	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Hexachloroethane	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Indeno (1,2,3-cd) pyrene	ND		2.00	1.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Isophorone	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
2-Methylnaphthalene	ND		2.00	1.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
2-Methylphenol	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
3/4-Methylphenol	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Naphthalene	ND		2.00	1.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
4-Nitroaniline	ND		25.0	13.0	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
2-Nitroaniline	ND		25.0	13.0	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
3-Nitroaniline	ND		25.0	13.0	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Nitrobenzene	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1008-BLK1

Matrix: Water

Analysis Batch: 12D1008

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1008_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
4-Nitrophenol	ND		25.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
N-Nitrosodiphenylamine	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
N-Nitrosodi-n-propylamine	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Pentachlorophenol	ND		25.0	13.0	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Phenanthrene	ND		2.00	1.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Phenol	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
Pyrene	ND		2.00	1.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
2,4,6-Trichlorophenol	ND		10.0	5.00	ug/L		04/06/12 10:15	04/06/12 17:49	1.00
2,4,5-Trichlorophenol	ND		25.0	13.0	ug/L		04/06/12 10:15	04/06/12 17:49	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	39		10 - 120	04/06/12 10:15	04/06/12 17:49	1.00
Phenol-d5	25		10 - 120	04/06/12 10:15	04/06/12 17:49	1.00
Nitrobenzene-d5	65		27 - 120	04/06/12 10:15	04/06/12 17:49	1.00
2-Fluorobiphenyl	69		29 - 120	04/06/12 10:15	04/06/12 17:49	1.00
2,4,6-Tribromophenol	70		10 - 120	04/06/12 10:15	04/06/12 17:49	1.00
Terphenyl-d14	95		13 - 120	04/06/12 10:15	04/06/12 17:49	1.00

Lab Sample ID: 12D1008-BS1

Matrix: Water

Analysis Batch: 12D1008

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1008_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	50.0	45.8	MNR1	ug/L		92	46 - 120
Acenaphthylene	50.0	43.7	MNR1	ug/L		87	48 - 120
Acetophenone	50.0	47.5	MNR1	ug/L		95	36 - 120
Anthracene	50.0	50.4	MNR1	ug/L		101	58 - 130
Benzo (a) anthracene	50.0	50.2	MNR1	ug/L		100	57 - 120
Benzo (a) pyrene	50.0	51.6	MNR1	ug/L		103	57 - 124
Benzo (b) fluoranthene	50.0	54.5	MNR1	ug/L		109	51 - 125
Benzo (g,h,i) perylene	50.0	49.9	MNR1	ug/L		100	51 - 123
Benzo (k) fluoranthene	50.0	43.6	MNR1	ug/L		87	51 - 120
4-Bromophenyl phenyl ether	50.0	55.1	MNR1	ug/L		110	47 - 127
Butyl benzyl phthalate	50.0	50.3	MNR1	ug/L		101	51 - 146
Carbazole	50.0	48.8	MNR1	ug/L		98	54 - 123
4-Chloro-3-methylphenol	50.0	44.6	MNR1	ug/L		89	44 - 120
4-Chloroaniline	50.0	45.7	MNR1	ug/L		91	44 - 120
Bis(2-chloroethoxy)methane	50.0	46.1	MNR1	ug/L		92	44 - 120
Bis(2-chloroethyl)ether	50.0	42.3	MNR1	ug/L		85	47 - 120
Bis(2-chloroisopropyl)ether	50.0	45.4	MNR1	ug/L		91	44 - 120
2-Chloronaphthalene	50.0	35.0	MNR1	ug/L		70	39 - 120
2-Chlorophenol	50.0	44.5	MNR1	ug/L		89	40 - 120
4-Chlorophenyl phenyl ether	50.0	49.1	MNR1	ug/L		98	50 - 120
Chrysene	50.0	49.9	MNR1	ug/L		100	55 - 120
Dibenz (a,h) anthracene	50.0	50.4	MNR1	ug/L		101	50 - 125
Dibenzofuran	50.0	48.1	MNR1	ug/L		96	50 - 120
Di-n-butyl phthalate	50.0	50.3	MNR1	ug/L		101	54 - 140
3,3-Dichlorobenzidine	50.0	51.0	MNR1	ug/L		102	46 - 129

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1008-BS1

Matrix: Water

Analysis Batch: 12D1008

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1008_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4-Dichlorophenol	50.0	47.2	MNR1	ug/L		94	38 - 120
Diethyl phthalate	50.0	48.9	MNR1	ug/L		98	54 - 128
2,4-Dimethylphenol	50.0	46.5	MNR1	ug/L		93	21 - 126
Dimethyl phthalate	50.0	49.9	MNR1	ug/L		100	53 - 127
4,6-Dinitro-2-methylphenol	50.0	53.4	MNR1	ug/L		107	19 - 150
2,4-Dinitrophenol	50.0	44.9	MNR1	ug/L		90	20 - 150
2,4-Dinitrotoluene	50.0	40.3	MNR1	ug/L		81	46 - 132
2,6-Dinitrotoluene	50.0	42.0	MNR1	ug/L		84	54 - 128
Di-n-octyl phthalate	50.0	49.6	MNR1	ug/L		99	50 - 142
Bis(2-ethylhexyl)phthalate	50.0	50.6	MNR1	ug/L		101	47 - 138
Fluoranthene	50.0	52.5	MNR1	ug/L		105	56 - 120
Fluorene	50.0	48.6	MNR1	ug/L		97	52 - 120
Hexachlorobenzene	50.0	59.0	MNR1	ug/L		118	48 - 131
Hexachlorobutadiene	50.0	42.3	MNR1	ug/L		85	28 - 120
Hexachlorocyclopentadiene	50.0	22.3	MNR1	ug/L		45	17 - 120
Hexachloroethane	50.0	30.6	MNR1	ug/L		61	30 - 120
Indeno (1,2,3-cd) pyrene	50.0	49.7	MNR1	ug/L		99	54 - 125
Isophorone	50.0	36.7	MNR1	ug/L		73	47 - 120
2-Methylnaphthalene	50.0	39.9	MNR1	ug/L		80	31 - 120
2-Methylphenol	50.0	31.2	MNR1	ug/L		62	38 - 120
3/4-Methylphenol	50.0	28.1	MNR1	ug/L		56	33 - 120
Naphthalene	50.0	41.2	MNR1	ug/L		82	37 - 120
4-Nitroaniline	50.0	46.2	MNR1	ug/L		92	55 - 123
2-Nitroaniline	50.0	51.0	MNR1	ug/L		102	46 - 131
3-Nitroaniline	50.0	48.1	MNR1	ug/L		96	54 - 121
Nitrobenzene	50.0	33.2	MNR1	ug/L		66	36 - 120
2-Nitrophenol	50.0	47.5	MNR1	ug/L		95	32 - 120
4-Nitrophenol	50.0	18.2	J MNR1	ug/L		36	10 - 120
N-Nitrosodiphenylamine	50.0	60.3	MNR1	ug/L		121	58 - 149
N-Nitrosodi-n-propylamine	50.0	44.6	MNR1	ug/L		89	51 - 120
Pentachlorophenol	50.0	49.0	MNR1	ug/L		98	21 - 150
Phenanthrene	50.0	51.0	MNR1	ug/L		102	56 - 120
Phenol	50.0	16.4	MNR1	ug/L		33	14 - 120
Pyrene	50.0	49.2	MNR1	ug/L		98	53 - 129
2,4,6-Trichlorophenol	50.0	51.1	MNR1	ug/L		102	39 - 135
2,4,5-Trichlorophenol	50.0	39.4	MNR1	ug/L		79	40 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	43		10 - 120
Phenol-d5	27		10 - 120
Nitrobenzene-d5	73		27 - 120
2-Fluorobiphenyl	78		29 - 120
2,4,6-Tribromophenol	77		10 - 120
Terphenyl-d14	98		13 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1008-BS2

Matrix: Water

Analysis Batch: 12D1008

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1008_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetophenone	50.0	47.4		ug/L		95	36 - 120
Atrazine	50.0	48.5		ug/L		97	24 - 133
Benzaldehyde	50.0	44.4		ug/L		89	34 - 120
Biphenyl	50.0	45.8		ug/L		92	10 - 146
Caprolactam	50.0	12.8		ug/L		26	10 - 120
4-Chloro-3-methylphenol	50.0	44.2		ug/L		88	44 - 120
2-Chlorophenol	50.0	41.4		ug/L		83	40 - 120
2,4-Dichlorophenol	50.0	46.0		ug/L		92	38 - 120
2,4-Dimethylphenol	50.0	43.7		ug/L		87	21 - 126
4,6-Dinitro-2-methylphenol	50.0	47.1		ug/L		94	19 - 150
2,4-Dinitrophenol	50.0	39.2		ug/L		78	20 - 150
2-Methylphenol	50.0	30.3		ug/L		61	38 - 120
2-Nitrophenol	50.0	46.4		ug/L		93	32 - 120
4-Nitrophenol	50.0	19.0	J	ug/L		38	10 - 120
Pentachlorophenol	50.0	37.6		ug/L		75	21 - 150
Phenol	50.0	15.7		ug/L		31	14 - 120
2,4,6-Trichlorophenol	50.0	49.4		ug/L		99	39 - 135
2,4,5-Trichlorophenol	50.0	37.7		ug/L		75	40 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	41		10 - 120
Phenol-d5	27		10 - 120
Nitrobenzene-d5	70		27 - 120
2-Fluorobiphenyl	79		29 - 120
2,4,6-Tribromophenol	75		10 - 120
Terphenyl-d14	100		13 - 120

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Lab Sample ID: 12D0616-BLK1

Matrix: Water

Analysis Batch: V005581

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0616_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		04/05/12 13:45	04/05/12 14:38	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Butanol	125		70 - 130				04/05/12 13:45	04/05/12 14:38	1.00

Lab Sample ID: 12D0616-BS1

Matrix: Water

Analysis Batch: V005581

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0616_P

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Ethylene Glycol			50.0	47.0		mg/L	—	94	70 - 130		
			LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits								
n-Butanol	116		70 - 130								

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 8015B - Glycols by EPA Method 8015 (modified) (Continued)

Lab Sample ID: 12D0616-MS1

Matrix: Water

Analysis Batch: V005581

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D0616_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Glycol	ND		50.0	50.1		mg/L		100	41 - 139
Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits						
n-Butanol	111		70 - 130						

Lab Sample ID: 12D0616-MSD1

Matrix: Water

Analysis Batch: V005581

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D0616_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Ethylene Glycol	ND		50.0	48.6		mg/L		97	41 - 139	3	36
Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits								
n-Butanol	120		70 - 130								

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Lab Sample ID: 12D0995-BLK1

Matrix: Water

Analysis Batch: V005683

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0995_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.500	0.250	ug/L		04/06/12 08:30	04/07/12 07:06	1.00
PCB-1221	ND		0.500	0.250	ug/L		04/06/12 08:30	04/07/12 07:06	1.00
PCB-1232	ND		0.500	0.250	ug/L		04/06/12 08:30	04/07/12 07:06	1.00
PCB-1242	ND		0.500	0.250	ug/L		04/06/12 08:30	04/07/12 07:06	1.00
PCB-1248	ND		0.500	0.250	ug/L		04/06/12 08:30	04/07/12 07:06	1.00
PCB-1254	ND		0.500	0.250	ug/L		04/06/12 08:30	04/07/12 07:06	1.00
PCB-1260	ND		0.500	0.250	ug/L		04/06/12 08:30	04/07/12 07:06	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	84		17 - 142				04/06/12 08:30	04/07/12 07:06	1.00
Decachlorobiphenyl	73		10 - 149				04/06/12 08:30	04/07/12 07:06	1.00

Lab Sample ID: 12D0995-BS1

Matrix: Water

Analysis Batch: V005683

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0995_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1260	5.00	4.21	MNR1	ug/L		84	36 - 144
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Tetrachloro-meta-xylene	92		17 - 142				
Decachlorobiphenyl	74		10 - 149				

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 6020 - Total Metals by Method 6020

Lab Sample ID: 12D0504-BLK1

Matrix: Water

Analysis Batch: 12D0504

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0504_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	0.500	ug/L		04/12/12 13:53	04/12/12 18:05	1.00
Arsenic	ND		2.00	0.500	ug/L		04/12/12 13:53	04/12/12 18:05	1.00
Barium	ND		2.00	0.500	ug/L		04/12/12 13:53	04/12/12 18:05	1.00
Beryllium	ND		2.00	0.500	ug/L		04/12/12 13:53	04/12/12 18:05	1.00
Cadmium	ND		1.00	0.400	ug/L		04/12/12 13:53	04/12/12 18:05	1.00
Chromium	ND		2.00	0.500	ug/L		04/12/12 13:53	04/12/12 18:05	1.00
Cobalt	ND		2.00	0.500	ug/L		04/12/12 13:53	04/12/12 18:05	1.00
Copper	ND		5.00	1.00	ug/L		04/12/12 13:53	04/12/12 18:05	1.00
Lead	ND		2.00	0.200	ug/L		04/12/12 13:53	04/12/12 18:05	1.00
Manganese	ND		5.00	1.00	ug/L		04/12/12 13:53	04/12/12 18:05	1.00
Nickel	ND		5.00	0.500	ug/L		04/12/12 13:53	04/12/12 18:05	1.00
Selenium	ND		2.00	0.500	ug/L		04/12/12 13:53	04/12/12 18:05	1.00
Silver	ND		2.00	0.500	ug/L		04/12/12 13:53	04/12/12 18:05	1.00
Thallium	ND		2.00	0.700	ug/L		04/12/12 13:53	04/12/12 18:05	1.00
Vanadium	ND		4.00	1.50	ug/L		04/12/12 13:53	04/12/12 18:05	1.00
Zinc	ND		50.0	5.00	ug/L		04/12/12 13:53	04/12/12 18:05	1.00

Lab Sample ID: 12D0504-BS1

Matrix: Water

Analysis Batch: 12D0504

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0504_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	100	101		ug/L		101	80 - 120
Arsenic	100	99.5		ug/L		100	80 - 120
Barium	100	94.0		ug/L		94	80 - 120
Beryllium	100	98.1		ug/L		98	80 - 120
Cadmium	100	98.2		ug/L		98	80 - 120
Chromium	100	97.0		ug/L		97	80 - 120
Cobalt	100	95.1		ug/L		95	80 - 120
Copper	100	94.4		ug/L		94	80 - 120
Lead	100	98.2		ug/L		98	80 - 120
Manganese	100	94.9		ug/L		95	80 - 120
Nickel	100	96.0		ug/L		96	80 - 120
Selenium	100	96.4		ug/L		96	80 - 120
Silver	100	91.0		ug/L		91	80 - 120
Thallium	100	95.9		ug/L		96	80 - 120
Vanadium	100	99.3		ug/L		99	80 - 120
Zinc	100	96.6		ug/L		97	80 - 120

Lab Sample ID: 12D0504-BSD1

Matrix: Water

Analysis Batch: 12D0504

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D0504_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	100	102		ug/L		102	80 - 120	0.7	20
Arsenic	100	99.7		ug/L		100	80 - 120	0.2	20
Barium	100	96.8		ug/L		97	80 - 120	3	20
Beryllium	100	102		ug/L		102	80 - 120	4	20
Cadmium	100	101		ug/L		101	80 - 120	3	20
Chromium	100	98.4		ug/L		98	80 - 120	1	20

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 6020 - Total Metals by Method 6020 (Continued)

Lab Sample ID: 12D0504-BSD1

Matrix: Water

Analysis Batch: 12D0504

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D0504_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	100	97.4		ug/L		97	80 - 120	2	20
Copper	100	96.2		ug/L		96	80 - 120	2	20
Lead	100	99.5		ug/L		100	80 - 120	1	20
Manganese	100	95.9		ug/L		96	80 - 120	1	20
Nickel	100	96.8		ug/L		97	80 - 120	0.8	20
Selenium	100	99.6		ug/L		100	80 - 120	3	20
Silver	100	93.1		ug/L		93	80 - 120	2	20
Thallium	100	98.2		ug/L		98	80 - 120	2	20
Vanadium	100	101		ug/L		101	80 - 120	1	20
Zinc	100	99.4		ug/L		99	80 - 120	3	20

Lab Sample ID: 12D0504-MS1

Matrix: Water

Analysis Batch: 12D0504

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D0504_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		100	107		ug/L		107	75 - 125		
Arsenic	ND		100	102		ug/L		102	75 - 125		
Barium	92.6		100	192		ug/L		99	75 - 125		
Beryllium	ND		100	102		ug/L		102	75 - 125		
Cadmium	ND		100	104		ug/L		104	75 - 125		
Chromium	ND		100	100		ug/L		100	75 - 125		
Cobalt	ND		100	96.2		ug/L		96	75 - 125		
Copper	37.2		100	132		ug/L		95	75 - 125		
Lead	0.340		100	99.8		ug/L		99	75 - 125		
Manganese	8.20		100	104		ug/L		96	75 - 125		
Nickel	1.66		100	96.8		ug/L		95	75 - 125		
Selenium	1.18		100	103		ug/L		102	75 - 125		
Silver	ND		100	93.6		ug/L		94	75 - 125		
Thallium	ND		100	99.4		ug/L		99	75 - 125		
Vanadium	ND		100	103		ug/L		103	75 - 125		
Zinc	15.8		100	115		ug/L		99	75 - 125		

Lab Sample ID: 12D0504-MSD1

Matrix: Water

Analysis Batch: 12D0504

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D0504_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		100	107		ug/L		107	75 - 125	0.2	20
Arsenic	ND		100	100		ug/L		100	75 - 125	2	20
Barium	92.6		100	193		ug/L		100	75 - 125	0.6	20
Beryllium	ND		100	102		ug/L		102	75 - 125	0.1	20
Cadmium	ND		100	102		ug/L		102	75 - 125	2	20
Chromium	ND		100	97.7		ug/L		98	75 - 125	3	20
Cobalt	ND		100	93.9		ug/L		94	75 - 125	2	20
Copper	37.2		100	129		ug/L		92	75 - 125	2	20
Lead	0.340		100	99.9		ug/L		100	75 - 125	0.2	20
Manganese	8.20		100	102		ug/L		94	75 - 125	2	20
Nickel	1.66		100	94.7		ug/L		93	75 - 125	2	20
Selenium	1.18		100	102		ug/L		101	75 - 125	1	20

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 6020 - Total Metals by Method 6020 (Continued)

Lab Sample ID: 12D0504-MSD1

Matrix: Water

Analysis Batch: 12D0504

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D0504_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	ND		100	93.2		ug/L		93	75 - 125	0.4	20
Thallium	ND		100	99.8		ug/L		100	75 - 125	0.3	20
Vanadium	ND		100	101		ug/L		101	75 - 125	2	20
Zinc	15.8		100	111		ug/L		95	75 - 125	3	20

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Lab Sample ID: 12D1104-BLK1

Matrix: Water

Analysis Batch: 12D1104

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1104_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		04/09/12 06:30	04/10/12 09:41	1.00

Lab Sample ID: 12D1104-BS1

Matrix: Water

Analysis Batch: 12D1104

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1104_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00100	0.00105		mg/L		105	80 - 120

Lab Sample ID: 12D1104-BSD1

Matrix: Water

Analysis Batch: 12D1104

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1104_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.00100	0.00104		mg/L		104	80 - 120	0.6	20

Lab Sample ID: 12D1104-MS1

Matrix: Water

Analysis Batch: 12D1104

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1104_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.000189		0.00100	0.00137		mg/L		118	75 - 125

Lab Sample ID: 12D1104-MSD1

Matrix: Water

Analysis Batch: 12D1104

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1104_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.000189		0.00100	0.00131		mg/L		112	75 - 125	4	20

Method: SW846 7196A - General Chemistry Parameters

Lab Sample ID: 12D0787-BLK1

Matrix: Water

Analysis Batch: 12D0787

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0787_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		0.0100	0.00500	mg/L		04/05/12 12:30	04/05/12 12:30	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 7196A - General Chemistry Parameters (Continued)

Lab Sample ID: 12D0787-BS1

Matrix: Water

Analysis Batch: 12D0787

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0787_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	0.100	0.103		mg/L		103	85 - 115

Lab Sample ID: 12D0787-MS1

Matrix: Water

Analysis Batch: 12D0787

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D0787_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	ND		1.00	1.17	M1	mg/L		117	85 - 115

Lab Sample ID: 12D0787-MSD1

Matrix: Water

Analysis Batch: 12D0787

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D0787_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium (VI)	ND		1.00	1.13		mg/L		113	85 - 115	4	10

Lab Sample ID: 12D0787-DUP1

Matrix: Water

Analysis Batch: 12D0787

Client Sample ID: Duplicate

Prep Type: Total

Prep Batch: 12D0787_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium (VI)	ND		ND		mg/L					10

Method: SW846 9012B - General Chemistry Parameters

Lab Sample ID: 12D2856-BLK1

Matrix: Water

Analysis Batch: 12D2856

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D2856_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		0.00500	0.00250	mg/L		04/17/12 12:00	04/17/12 13:57	1.00

Lab Sample ID: 12D2856-BS1

Matrix: Water

Analysis Batch: 12D2856

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D2856_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	0.100	0.109		mg/L		109	90 - 110

Lab Sample ID: 12D2856-MS1

Matrix: Water

Analysis Batch: 12D2856

Client Sample ID: TP-07-GW-040412-12

Prep Type: Total

Prep Batch: 12D2856_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	ND	M8	0.100	0.103		mg/L		103	70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method: SW846 9012B - General Chemistry Parameters (Continued)

Lab Sample ID: 12D2856-MSD1

Matrix: Water

Analysis Batch: 12D2856

Client Sample ID: TP-07-GW-040412-12

Prep Type: Total

Prep Batch: 12D2856_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Cyanide	ND	M8	0.100	0.0542	M8 R2	mg/L		54	70 - 130	62	20

Lab Sample ID: 12D2856-DUP1

Matrix: Water

Analysis Batch: 12D2856

Client Sample ID: TP-07-GW-040412-12

Prep Type: Total

Prep Batch: 12D2856_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	Limit
Cyanide	ND	M8	ND		mg/L			20

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

GCMS Volatiles

Analysis Batch: V005807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1636-BLK1	Method Blank	Total	Water	SW846 8260B	12D1636_P
12D1636-BS1	Lab Control Sample	Total	Water	SW846 8260B	12D1636_P
12D1636-BSD1	Lab Control Sample Dup	Total	Water	SW846 8260B	12D1636_P
12D1636-MS1	Matrix Spike	Total	Water	SW846 8260B	12D1636_P
12D1636-MSD1	Matrix Spike Duplicate	Total	Water	SW846 8260B	12D1636_P
NWD0378-01	TP-07-GW-040412-12	Total	Ground Water	SW846 8260B	12D1636_P
NWD0378-02	Trip Blank	Total	Water	SW846 8260B	12D1636_P

Analysis Batch: V005866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1830-BLK1	Method Blank	Total	Water	SW846 8260B	12D1830_P
12D1830-BS1	Lab Control Sample	Total	Water	SW846 8260B	12D1830_P
12D1830-BSD1	Lab Control Sample Dup	Total	Water	SW846 8260B	12D1830_P
12D1830-MS1	Matrix Spike	Total	Water	SW846 8260B	12D1830_P
12D1830-MSD1	Matrix Spike Duplicate	Total	Water	SW846 8260B	12D1830_P
NWD0378-01 - RE1	TP-07-GW-040412-12	Total	Ground Water	SW846 8260B	12D1830_P
NWD0378-02 - RE1	Trip Blank	Total	Water	SW846 8260B	12D1830_P

Prep Batch: 12D1636_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1636-BLK1	Method Blank	Total	Water	EPA 5030B	
12D1636-BS1	Lab Control Sample	Total	Water	EPA 5030B	
12D1636-BSD1	Lab Control Sample Dup	Total	Water	EPA 5030B	
12D1636-MS1	Matrix Spike	Total	Water	EPA 5030B	
12D1636-MSD1	Matrix Spike Duplicate	Total	Water	EPA 5030B	
NWD0378-01	TP-07-GW-040412-12	Total	Ground Water	EPA 5030B	
NWD0378-02	Trip Blank	Total	Water	EPA 5030B	

Prep Batch: 12D1830_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1830-BLK1	Method Blank	Total	Water	EPA 5030B	
12D1830-BS1	Lab Control Sample	Total	Water	EPA 5030B	
12D1830-BSD1	Lab Control Sample Dup	Total	Water	EPA 5030B	
12D1830-MS1	Matrix Spike	Total	Water	EPA 5030B	
12D1830-MSD1	Matrix Spike Duplicate	Total	Water	EPA 5030B	
NWD0378-01 - RE1	TP-07-GW-040412-12	Total	Ground Water	EPA 5030B	
NWD0378-02 - RE1	Trip Blank	Total	Water	EPA 5030B	

GCMS Semivolatiles

Analysis Batch: 12D1008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1008-BLK1	Method Blank	Total	Water	SW846 8270C	12D1008_P
12D1008-BS1	Lab Control Sample	Total	Water	SW846 8270C	12D1008_P
12D1008-BS2	Lab Control Sample	Total	Water	SW846 8270C	12D1008_P
NWD0378-01	TP-07-GW-040412-12	Total	Ground Water	SW846 8270C	12D1008_P

Prep Batch: 12D1008_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1008-BLK1	Method Blank	Total	Water	EPA 3510C	
12D1008-BS1	Lab Control Sample	Total	Water	EPA 3510C	
12D1008-BS2	Lab Control Sample	Total	Water	EPA 3510C	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

GCMS Semivolatiles (Continued)

Prep Batch: 12D1008_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0378-01	TP-07-GW-040412-12	Total	Ground Water	EPA 3510C	

Pesticides

Analysis Batch: V005581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0616-BLK1	Method Blank	Total	Water	SW846 8015B	12D0616_P
12D0616-BS1	Lab Control Sample	Total	Water	SW846 8015B	12D0616_P
12D0616-MS1	Matrix Spike	Total	Water	SW846 8015B	12D0616_P
12D0616-MSD1	Matrix Spike Duplicate	Total	Water	SW846 8015B	12D0616_P
NWD0378-01	TP-07-GW-040412-12	Total	Ground Water	SW846 8015B	12D0616_P

Analysis Batch: V005683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0995-BLK1	Method Blank	Total	Water	SW846 8082	12D0995_P
12D0995-BS1	Lab Control Sample	Total	Water	SW846 8082	12D0995_P

Analysis Batch: V005978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0378-01 - RE1	TP-07-GW-040412-12	Total	Ground Water	SW846 8082	12D0995_P

Prep Batch: 12D0616_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0616-BLK1	Method Blank	Total	Water	NO PREP-PEST	
12D0616-BS1	Lab Control Sample	Total	Water	NO PREP-PEST	
12D0616-MS1	Matrix Spike	Total	Water	NO PREP-PEST	
12D0616-MSD1	Matrix Spike Duplicate	Total	Water	NO PREP-PEST	
NWD0378-01	TP-07-GW-040412-12	Total	Ground Water	NO PREP-PEST	

Prep Batch: 12D0995_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0995-BLK1	Method Blank	Total	Water	EPA 3510C/3665A	
12D0995-BS1	Lab Control Sample	Total	Water	EPA 3510C/3665A	
NWD0378-01 - RE1	TP-07-GW-040412-12	Total	Ground Water	EPA 3510C/3665A	

Metals

Analysis Batch: 12D0504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0504-BLK1	Method Blank	Total	Water	SW846 6020	12D0504_P
12D0504-BS1	Lab Control Sample	Total	Water	SW846 6020	12D0504_P
12D0504-BSD1	Lab Control Sample Dup	Total	Water	SW846 6020	12D0504_P
12D0504-MS1	Matrix Spike	Total	Water	SW846 6020	12D0504_P
12D0504-MSD1	Matrix Spike Duplicate	Total	Water	SW846 6020	12D0504_P
NWD0378-01	TP-07-GW-040412-12	Total	Ground Water	SW846 6020	12D0504_P
NWD0378-01 - RE1	TP-07-GW-040412-12	Total	Ground Water	SW846 6020	12D0504_P
NWD0378-01 - RE2	TP-07-GW-040412-12	Total	Ground Water	SW846 6020	12D0504_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Metals (Continued)

Analysis Batch: 12D1104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1104-BLK1	Method Blank	Total	Water	SW846 7470A	12D1104_P
12D1104-BS1	Lab Control Sample	Total	Water	SW846 7470A	12D1104_P
12D1104-BSD1	Lab Control Sample Dup	Total	Water	SW846 7470A	12D1104_P
12D1104-MS1	Matrix Spike	Total	Water	SW846 7470A	12D1104_P
12D1104-MSD1	Matrix Spike Duplicate	Total	Water	SW846 7470A	12D1104_P
NWD0378-01	TP-07-GW-040412-12	Total	Ground Water	SW846 7470A	12D1104_P

Prep Batch: 12D0504_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0504-BLK1	Method Blank	Total	Water	EPA 3010A / 6020	
12D0504-BS1	Lab Control Sample	Total	Water	EPA 3010A / 6020	
12D0504-BSD1	Lab Control Sample Dup	Total	Water	EPA 3010A / 6020	
12D0504-MS1	Matrix Spike	Total	Water	EPA 3010A / 6020	
12D0504-MSD1	Matrix Spike Duplicate	Total	Water	EPA 3010A / 6020	
NWD0378-01	TP-07-GW-040412-12	Total	Ground Water	EPA 3010A / 6020	
NWD0378-01 - RE1	TP-07-GW-040412-12	Total	Ground Water	EPA 3010A / 6020	
NWD0378-01 - RE2	TP-07-GW-040412-12	Total	Ground Water	EPA 3010A / 6020	

Prep Batch: 12D1104_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1104-BLK1	Method Blank	Total	Water	EPA 7470	
12D1104-BS1	Lab Control Sample	Total	Water	EPA 7470	
12D1104-BSD1	Lab Control Sample Dup	Total	Water	EPA 7470	
12D1104-MS1	Matrix Spike	Total	Water	EPA 7470	
12D1104-MSD1	Matrix Spike Duplicate	Total	Water	EPA 7470	
NWD0378-01	TP-07-GW-040412-12	Total	Ground Water	EPA 7470	

WetChem

Analysis Batch: 12D0787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0787-BLK1	Method Blank	Total	Water	SW846 7196A	12D0787_P
12D0787-BS1	Lab Control Sample	Total	Water	SW846 7196A	12D0787_P
12D0787-DUP1	Duplicate	Total	Water	SW846 7196A	12D0787_P
12D0787-MS1	Matrix Spike	Total	Water	SW846 7196A	12D0787_P
12D0787-MSD1	Matrix Spike Duplicate	Total	Water	SW846 7196A	12D0787_P
NWD0378-01	TP-07-GW-040412-12	Total	Ground Water	SW846 7196A	12D0787_P

Analysis Batch: 12D2856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2856-BLK1	Method Blank	Total	Water	SW846 9012B	12D2856_P
12D2856-BS1	Lab Control Sample	Total	Water	SW846 9012B	12D2856_P
12D2856-DUP1	TP-07-GW-040412-12	Total	Water	SW846 9012B	12D2856_P
12D2856-MS1	TP-07-GW-040412-12	Total	Water	SW846 9012B	12D2856_P
12D2856-MSD1	TP-07-GW-040412-12	Total	Water	SW846 9012B	12D2856_P
NWD0378-01	TP-07-GW-040412-12	Total	Ground Water	SW846 9012B	12D2856_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

WetChem (Continued)

Prep Batch: 12D0787_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0787-BLK1	Method Blank	Total	Water	NO PREP	
12D0787-BS1	Lab Control Sample	Total	Water	NO PREP	
12D0787-DUP1	Duplicate	Total	Water	NO PREP	
12D0787-MS1	Matrix Spike	Total	Water	NO PREP	
12D0787-MSD1	Matrix Spike Duplicate	Total	Water	NO PREP	
NWD0378-01	TP-07-GW-040412-12	Total	Ground Water	NO PREP	

Prep Batch: 12D2856_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2856-BLK1	Method Blank	Total	Water	NO PREP	
12D2856-BS1	Lab Control Sample	Total	Water	NO PREP	
12D2856-DUP1	TP-07-GW-040412-12	Total	Water	NO PREP	
12D2856-MS1	TP-07-GW-040412-12	Total	Water	NO PREP	
12D2856-MSD1	TP-07-GW-040412-12	Total	Water	NO PREP	
NWD0378-01	TP-07-GW-040412-12	Total	Ground Water	NO PREP	

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Client Sample ID: TP-07-GW-040412-12

Date Collected: 04/04/12 09:38

Date Received: 04/05/12 08:00

Lab Sample ID: NWD0378-01

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12D1636_P	04/06/12 09:04	EML	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005807	04/06/12 12:09	EML	TAL NSH
Total	Prep	EPA 5030B	RE1	1.00	12D1830_P	04/10/12 05:39	AJF	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	V005866	04/10/12 09:56	AJF	TAL NSH
Total	Prep	EPA 3510C		0.943	12D1008_P	04/06/12 10:15	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1008	04/06/12 20:01	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0616_P	04/05/12 16:45	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005581	04/05/12 20:05	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A	RE1	94.3	12D0995_P	04/06/12 08:30	JJR	TAL NSH
Total	Analysis	SW846 8082	RE1	1.00	V005978	04/12/12 10:36	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12D0504_P	04/12/12 13:53	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	12D0504	04/12/12 19:17	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12D1104_P	04/09/12 06:30	ALJ	TAL NSH
Total	Analysis	SW846 7470A		1.00	12D1104	04/10/12 10:00	ALJ	TAL NSH
Total	Prep	EPA 3010A / 6020	RE1	1.00	12D0504_P	04/12/12 13:53	MET	TAL NSH
Total	Analysis	SW846 6020	RE1	5.00	12D0504	04/12/12 19:38	MET	TAL NSH
Total	Prep	EPA 3010A / 6020	RE2	1.00	12D0504_P	04/12/12 13:53	MET	TAL NSH
Total	Analysis	SW846 6020	RE2	20.0	12D0504	04/12/12 19:42	MET	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D0787	04/05/12 12:55	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D0787_P	04/05/12 12:55	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D2856_P	04/17/12 12:00	SNG	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D2856	04/17/12 13:59	MLM	TAL NSH

Client Sample ID: Trip Blank

Date Collected: 04/04/12 00:01

Date Received: 04/05/12 08:00

Lab Sample ID: NWD0378-02

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12D1636_P	04/06/12 09:04	EML	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005807	04/06/12 12:35	EML	TAL NSH
Total	Prep	EPA 5030B	RE1	1.00	12D1830_P	04/10/12 05:39	AJF	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	V005866	04/10/12 09:28	AJF	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Method Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Method	Method Description	Protocol	Laboratory
SW846 8260B	Volatile Organic Compounds by EPA Method 8260B		TAL NSH
SW846 8270C	Semivolatile Organic Compounds by EPA Method 8270C		TAL NSH
SW846 8015B	Glycols by EPA Method 8015 (modified)		TAL NSH
SW846 8082	Polychlorinated Biphenyls by EPA Method 8082		TAL NSH
SW846 6020	Total Metals by Method 6020		TAL NSH
SW846 7470A	Mercury by EPA Methods 7470A/7471A		TAL NSH
SW846 7196A	General Chemistry Parameters		TAL NSH
SW846 9012B	General Chemistry Parameters		TAL NSH

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Certification Summary

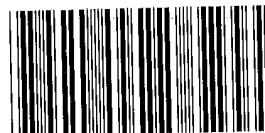
Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0378

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Nashville		ACIL		393
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska (UST)	State Program	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas DEQ	State Program	6	88-0737
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Canadian Assoc Lab Accred (CALA)	Canada		3744
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Florida	NELAC	4	E87358
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Kentucky (UST)	State Program	4	19
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Louisiana	NELAC	6	LA110014
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana (UST)	State Program	8	NA
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina DENR	State Program	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio VAP	State Program	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	USDA	Federal		S-48469
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	NELAC	3	460152
TestAmerica Nashville	Virginia	State Program	3	00323
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia DEP	State Program	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430
TestAmerica Nashville	Wyoming (UST)	A2LA	8	453.07

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

COOLER RE



Cooler Received/Opened On 4/5/2012 @ 8:00

NWD0378

1. Tracking # 2813 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 12080142

2. Temperature of rep. sample or temp blank when opened: 1.1 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) P.H.

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # P.H.

I certify that I unloaded the cooler and answered questions 7-14 (initial) P.H.

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) P.H.

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) P.H.

I certify that I attached a label with the unique LIMS number to each container (initial) P.H.

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# 62962

Client: Haley & Aldrich (Lenexa)

Address: 8735 Rosehill Road, Suite 340

City, State, Zip: Lenexa KS 66215-6949

Client Invoice Contact: Accounts Payable

Client Project Mgr: Mariruth Gruis

Client Telephone#: (913) 217-6907 Fax: (913) 217-6957

Sampler Name (Print) John King

Sampler Signature: [Signature]

TA Account #: 532031

PO #: _____

Invoice to: Haley & Aldrich

Report to: Mariruth Gruis

Project Name: Leeds Facility

Facility ID: [none]

Reg District (CA): _____

Site Address: _____

City, State, Zip: _____

Missouri

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Methanol	Preservative					Matrix					Analyze for										RUSH TAT (Pre Schedule)*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
								(Yellow Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	(Specify) Other	8015B Ethylene Glycol	8082 PCBs	8260B Extended List VOA	8270C Extended SVOA	Chromium, Hexavalent by EPA 7196	Cyanide Total 9012B	Flashpoint 1010 Closed Cup	Metals, TAL (23) 6010/7471 soil		pH 9040C (+T)	Solids Percent Dry Weight	AL MET WATER 6020/8010B/7470A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 28973

Relinquished by: <u>[Signature]</u>	Date: <u>4/16/12</u>	Time: <u>18:30</u>	Received by: <u>Paul R. Hill / TAN</u>	Date: <u>4/15/12</u>	Time: <u>09:00</u>	Relinquished by: _____	Date: _____	Time: _____
Shipped Via: _____			Shipped Via: _____			QC Deliverables (Please Circle One) : Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)		
Received for TestAmerica by: _____			Temperature Upon Receipt: <u>1.1°C</u>			Sample Containers Intact? Y N VOCs Free of Headspace? Y N		
Date: _____			Time: _____			Date Due of Report: _____		

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

2960 Foster Creighton Road

Nashville, TN 37204

Tel: 800-765-0980

TestAmerica Job ID: NWD0424

Client Project/Site: [none]

Client Project Description: Leeds Facility

For:

Haley & Aldrich (Lenexa)

8735 Rosehill Road, Suite 340

Lenexa, KS 66215-6949

Attn: Mariruth Gruis

Roxanne L. Connor

Authorized for release by:

4/13/2012 11:42:38 AM

Roxanne Connor

Program Manager - Conventional Accounts

roxanne.connor@testamericainc.com

LINKS

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results through

TotalAccess

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www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Sample Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
NWD0424-01	TP-06-SS-040412-00	Soil	04/04/12 15:07	04/05/12 08:00
NWD0424-02	TP-06-SO-040412-14	Soil	04/04/12 15:27	04/05/12 08:00
NWD0424-03	TP-07-SS-040412-00	Soil	04/04/12 09:09	04/05/12 08:00
NWD0424-04	TP-07-SO-040412-07	Soil	04/04/12 10:16	04/05/12 08:00
NWD0424-05	TP-20-SS-040412-00	Soil	04/04/12 07:49	04/05/12 08:00
NWD0424-06	TP-20-SO-040412-09	Soil	04/04/12 08:25	04/05/12 08:00
NWD0424-07	TP-21-SS-040412-00	Soil	04/04/12 11:18	04/05/12 08:00
NWD0424-08	TP-21-SO-040412-10	Soil	04/04/12 12:06	04/05/12 08:00
NWD0424-09	TP-22-SS-040412-00	Soil	04/04/12 13:22	04/05/12 08:00
NWD0424-10	TP-22-SO-040412-11	Soil	04/04/12 14:10	04/05/12 08:00
NWD0424-11	Trip Blank	Water	04/04/12 00:01	04/05/12 08:00

Definitions/Glossary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Analyte was detected in the associated Method Blank.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
E	Concentration exceeds the calibration range and therefore result is semi-quantitative.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.

GCMS Semivolatiles

Qualifier	Qualifier Description
L2	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

WetChem

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-06-SS-040412-00

Lab Sample ID: NWD0424-01

Date Collected: 04/04/12 15:07

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 82.1

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0472	0.0236	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Benzene	ND		0.00189	0.00104	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Bromochloromethane	ND		0.00189	0.00113	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Bromodichloromethane	ND		0.00189	0.000943	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Bromoform	ND		0.00189	0.000943	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Bromomethane	ND		0.00189	0.00113	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
2-Butanone	ND		0.0472	0.0236	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Carbon disulfide	ND		0.00472	0.00340	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Carbon Tetrachloride	ND		0.00189	0.000943	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Chlorobenzene	ND		0.00189	0.00104	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Chlorodibromomethane	ND		0.00189	0.000943	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Chloroethane	ND		0.00472	0.00236	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Chloroform	ND		0.00189	0.00123	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Chloromethane	ND		0.00189	0.00104	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Cyclohexane	ND		0.00943	0.00472	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
1,2-Dibromo-3-chloropropane	ND		0.00472	0.00236	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
1,2-Dibromoethane (EDB)	ND		0.00189	0.000943	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
1,2-Dichlorobenzene	ND		0.00189	0.000943	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
1,3-Dichlorobenzene	ND		0.00189	0.00113	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
1,4-Dichlorobenzene	ND		0.00189	0.00104	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Dichlorodifluoromethane	ND		0.00189	0.00132	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
1,2-Dichloroethane	ND		0.00189	0.00104	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
1,1-Dichloroethane	ND		0.00189	0.00123	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
1,1-Dichloroethene	ND		0.00189	0.00113	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
trans-1,2-Dichloroethene	ND		0.00189	0.00123	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
cis-1,2-Dichloroethene	ND		0.00189	0.00104	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
1,2-Dichloropropane	ND		0.00189	0.000943	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
trans-1,3-Dichloropropene	ND		0.00189	0.000943	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
cis-1,3-Dichloropropene	ND		0.00189	0.000943	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Ethylbenzene	ND		0.00189	0.00104	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
2-Hexanone	ND		0.0472	0.0236	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Isopropylbenzene	ND		0.00189	0.00104	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Methyl Acetate	ND		0.00943	0.00472	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Methylcyclohexane	ND		0.00943	0.00472	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Methyl tert-Butyl Ether	ND		0.00189	0.000943	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Methylene Chloride	ND		0.00943	0.00472	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
4-Methyl-2-pentanone	ND		0.0472	0.0236	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
n-Propylbenzene	ND		0.00189	0.00104	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Styrene	ND		0.00189	0.00104	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
1,1,2,2-Tetrachloroethane	ND		0.00189	0.000943	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Tetrachloroethene	ND		0.00189	0.00123	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Tetrahydrofuran	ND		0.0189	0.00943	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Toluene	ND		0.00189	0.00104	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
1,2,4-Trichlorobenzene	ND		0.00189	0.00113	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
1,1,1-Trichloroethane	ND		0.00189	0.000943	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
1,1,2-Trichloroethane	ND		0.00472	0.00236	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Trichloroethene	ND		0.00189	0.000943	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Trichlorofluoromethane	ND		0.00189	0.000943	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Vinyl chloride	ND		0.00189	0.000943	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
Xylenes, total	ND		0.00472	0.00236	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00189	0.00104	mg/kg dry	☼	04/04/12 15:07	04/11/12 20:17	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-06-SS-040412-00

Lab Sample ID: NWD0424-01

Date Collected: 04/04/12 15:07

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 82.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	101		70 - 130	04/04/12 15:07	04/11/12 20:17	1.00
Dibromofluoromethane	98		70 - 130	04/04/12 15:07	04/11/12 20:17	1.00
Toluene-d8	99		70 - 130	04/04/12 15:07	04/11/12 20:17	1.00
4-Bromofluorobenzene	96		70 - 130	04/04/12 15:07	04/11/12 20:17	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0794	0.0403	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Acenaphthylene	ND		0.0794	0.0403	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Acetophenone	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Anthracene	ND		0.0794	0.0403	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Atrazine	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Benzaldehyde	ND	L2	1.98	0.990	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Benzo (a) anthracene	ND		0.0794	0.0403	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Benzo (b) fluoranthene	ND		0.0794	0.0403	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Benzo (a) pyrene	ND		0.0794	0.0403	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Benzo (g,h,i) perylene	ND		0.0794	0.0403	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Benzo (k) fluoranthene	ND		0.0794	0.0403	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Biphenyl	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
4-Bromophenyl phenyl ether	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Butyl benzyl phthalate	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
4-Chloro-3-methylphenol	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
4-Chloroaniline	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Caprolactam	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Carbazole	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
2-Chloronaphthalene	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Bis(2-chloroethoxy)methane	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Bis(2-chloroethyl)ether	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Bis(2-chloroisopropyl)ether	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
2-Chlorophenol	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
4-Chlorophenyl phenyl ether	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Chrysene	ND		0.0794	0.0403	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Dibenz (a,h) anthracene	ND		0.0794	0.0403	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Dibenzofuran	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Di-n-butyl phthalate	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
3,3-Dichlorobenzidine	ND		0.791	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
2,4-Dichlorophenol	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Diethyl phthalate	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
2,4-Dimethylphenol	ND		0.395	0.228	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Dimethyl phthalate	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
4,6-Dinitro-2-methylphenol	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
2,4-Dinitrophenol	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
2,6-Dinitrotoluene	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
2,4-Dinitrotoluene	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Di-n-octyl phthalate	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Bis(2-ethylhexyl)phthalate	0.289	J	0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Fluoranthene	ND		0.0794	0.0403	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Fluorene	ND		0.0794	0.0403	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Hexachlorobenzene	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Hexachlorobutadiene	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Hexachlorocyclopentadiene	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Hexachloroethane	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-06-SS-040412-00

Lab Sample ID: NWD0424-01

Date Collected: 04/04/12 15:07

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 82.1

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		0.0794	0.0403	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Isophorone	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
2-Methylnaphthalene	ND		0.0794	0.0403	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
2-Methylphenol	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Naphthalene	ND		0.0794	0.0403	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
2-Nitroaniline	ND		0.988	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
3-Nitroaniline	ND		0.988	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
4-Nitroaniline	ND		0.988	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Nitrobenzene	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
2-Nitrophenol	ND		0.395	0.232	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
4-Nitrophenol	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
N-Nitrosodiphenylamine	ND		0.395	0.217	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
N-Nitrosodi-n-propylamine	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Pentachlorophenol	ND		0.988	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Phenanthrene	ND		0.0794	0.0403	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Phenol	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
Pyrene	ND		0.0794	0.0403	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
2,4,5-Trichlorophenol	ND		0.988	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00
2,4,6-Trichlorophenol	ND		0.395	0.198	mg/kg dry	☼	04/07/12 07:05	04/08/12 15:43	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	52		17 - 120	04/07/12 07:05	04/08/12 15:43	1.00
Phenol-d5	52		18 - 120	04/07/12 07:05	04/08/12 15:43	1.00
2-Fluorobiphenyl	60		14 - 120	04/07/12 07:05	04/08/12 15:43	1.00
Nitrobenzene-d5	55		17 - 120	04/07/12 07:05	04/08/12 15:43	1.00
Terphenyl-d14	81		18 - 120	04/07/12 07:05	04/08/12 15:43	1.00
2,4,6-Tribromophenol	56		19 - 120	04/07/12 07:05	04/08/12 15:43	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		14.4	7.18	mg/kg dry	☼	04/06/12 16:30	04/06/12 20:16	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	91		60 - 140	04/06/12 16:30	04/06/12 20:16	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0404	0.0255	mg/kg dry	☼	04/06/12 11:00	04/09/12 17:18	1.00
PCB-1221	ND		0.0404	0.0206	mg/kg dry	☼	04/06/12 11:00	04/09/12 17:18	1.00
PCB-1232	ND		0.0404	0.0206	mg/kg dry	☼	04/06/12 11:00	04/09/12 17:18	1.00
PCB-1242	ND		0.0404	0.0316	mg/kg dry	☼	04/06/12 11:00	04/09/12 17:18	1.00
PCB-1248	ND		0.0404	0.0364	mg/kg dry	☼	04/06/12 11:00	04/09/12 17:18	1.00
PCB-1254	ND		0.0404	0.0206	mg/kg dry	☼	04/06/12 11:00	04/09/12 17:18	1.00
PCB-1260	ND		0.0404	0.0340	mg/kg dry	☼	04/06/12 11:00	04/09/12 17:18	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	82		19 - 147	04/06/12 11:00	04/09/12 17:18	1.00
Decachlorobiphenyl	92		20 - 150	04/06/12 11:00	04/09/12 17:18	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.3	0.944	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:43	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-06-SS-040412-00

Lab Sample ID: NWD0424-01

Date Collected: 04/04/12 15:07

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 82.1

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.80		1.23	0.613	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:43	1.00
Barium	179		2.45	0.735	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:43	1.00
Beryllium	0.809	J	1.23	0.613	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:43	1.00
Cadmium	0.539	J	1.23	0.0735	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:43	1.00
Chromium	16.1		1.23	0.613	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:43	1.00
Cobalt	11.8		3.68	0.306	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:43	1.00
Copper	14.5		2.45	1.59	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:43	1.00
Lead	16.8		1.23	0.613	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:43	1.00
Manganese	233		3.68	3.06	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:43	1.00
Nickel	22.1		2.45	0.306	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:43	1.00
Selenium	ND		2.45	1.23	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:43	1.00
Silver	ND		1.23	0.245	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:43	1.00
Thallium	ND		2.45	0.490	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:43	1.00
Vanadium	32.8		12.3	2.73	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:43	1.00
Zinc	49.9		12.3	6.13	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:43	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.029	mg/kg dry	☼	04/11/12 10:20	04/12/12 08:24	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.44	1.22	mg/kg dry	☼	04/11/12 14:15	04/12/12 10:24	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.44	1.22	mg/kg dry	☼	04/11/12 13:10	04/12/12 09:46	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	82.1		0.500	0.500	%	—	04/09/12 11:10	04/10/12 11:34	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-06-SO-040412-14

Lab Sample ID: NWD0424-02

Date Collected: 04/04/12 15:27

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 79.2

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0427	J	0.0521	0.0260	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Benzene	0.00140	J	0.00208	0.00115	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Bromochloromethane	ND		0.00208	0.00125	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Bromodichloromethane	ND		0.00208	0.00104	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Bromoform	ND		0.00208	0.00104	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Bromomethane	ND		0.00208	0.00125	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
2-Butanone	ND		0.0521	0.0260	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Carbon disulfide	ND		0.00521	0.00375	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Carbon Tetrachloride	ND		0.00208	0.00104	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Chlorobenzene	ND		0.00208	0.00115	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Chlorodibromomethane	ND		0.00208	0.00104	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Chloroethane	ND		0.00521	0.00260	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Chloroform	ND		0.00208	0.00135	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Chloromethane	ND		0.00208	0.00115	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Cyclohexane	0.0312		0.0104	0.00521	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
1,2-Dibromo-3-chloropropane	ND		0.00521	0.00260	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
1,2-Dibromoethane (EDB)	ND		0.00208	0.00104	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
1,2-Dichlorobenzene	ND		0.00208	0.00104	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
1,3-Dichlorobenzene	ND		0.00208	0.00125	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
1,4-Dichlorobenzene	ND		0.00208	0.00115	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Dichlorodifluoromethane	ND		0.00208	0.00146	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
1,2-Dichloroethane	ND		0.00208	0.00115	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
1,1-Dichloroethane	ND		0.00208	0.00135	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
1,1-Dichloroethene	ND		0.00208	0.00125	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
trans-1,2-Dichloroethene	ND		0.00208	0.00135	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
cis-1,2-Dichloroethene	ND		0.00208	0.00115	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
1,2-Dichloropropane	ND		0.00208	0.00104	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
trans-1,3-Dichloropropene	ND		0.00208	0.00104	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
cis-1,3-Dichloropropene	ND		0.00208	0.00104	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Ethylbenzene	0.00136	J	0.00208	0.00115	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
2-Hexanone	ND		0.0521	0.0260	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Isopropylbenzene	0.0163		0.00208	0.00115	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Methyl Acetate	ND		0.0104	0.00521	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Methylcyclohexane	0.0223		0.0104	0.00521	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Methyl tert-Butyl Ether	ND		0.00208	0.00104	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Methylene Chloride	ND		0.0104	0.00521	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
4-Methyl-2-pentanone	ND		0.0521	0.0260	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
n-Propylbenzene	0.0163		0.00208	0.00115	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Styrene	ND		0.00208	0.00115	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
1,1,2,2-Tetrachloroethane	ND		0.00208	0.00104	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Tetrachloroethene	ND		0.00208	0.00135	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Tetrahydrofuran	ND		0.0208	0.0104	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Toluene	ND		0.00208	0.00115	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
1,2,4-Trichlorobenzene	ND		0.00208	0.00125	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
1,1,1-Trichloroethane	ND		0.00208	0.00104	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
1,1,2-Trichloroethane	ND		0.00521	0.00260	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Trichloroethene	ND		0.00208	0.00104	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Trichlorofluoromethane	ND		0.00208	0.00104	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Vinyl chloride	ND		0.00208	0.00104	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
Xylenes, total	0.00755		0.00521	0.00260	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00208	0.00115	mg/kg dry	☼	04/04/12 15:27	04/11/12 20:45	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-06-SO-040412-14

Lab Sample ID: NWD0424-02

Date Collected: 04/04/12 15:27

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 79.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	105		70 - 130	04/04/12 15:27	04/11/12 20:45	1.00
Dibromofluoromethane	101		70 - 130	04/04/12 15:27	04/11/12 20:45	1.00
Toluene-d8	101		70 - 130	04/04/12 15:27	04/11/12 20:45	1.00
4-Bromofluorobenzene	323	ZX	70 - 130	04/04/12 15:27	04/11/12 20:45	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0838	0.0425	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Acenaphthylene	ND		0.0838	0.0425	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Acetophenone	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Anthracene	ND		0.0838	0.0425	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Atrazine	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Benzaldehyde	ND	L2	2.09	1.04	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Benzo (a) anthracene	ND		0.0838	0.0425	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Benzo (b) fluoranthene	ND		0.0838	0.0425	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Benzo (a) pyrene	ND		0.0838	0.0425	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Benzo (g,h,i) perylene	ND		0.0838	0.0425	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Benzo (k) fluoranthene	ND		0.0838	0.0425	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Biphenyl	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
4-Bromophenyl phenyl ether	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Butyl benzyl phthalate	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
4-Chloro-3-methylphenol	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
4-Chloroaniline	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Caprolactam	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Carbazole	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
2-Chloronaphthalene	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Bis(2-chloroethoxy)methane	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Bis(2-chloroethyl)ether	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Bis(2-chloroisopropyl)ether	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
2-Chlorophenol	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
4-Chlorophenyl phenyl ether	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Chrysene	ND		0.0838	0.0425	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Dibenz (a,h) anthracene	ND		0.0838	0.0425	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Dibenzofuran	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Di-n-butyl phthalate	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
3,3-Dichlorobenzidine	ND		0.834	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
2,4-Dichlorophenol	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Diethyl phthalate	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
2,4-Dimethylphenol	ND		0.417	0.240	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Dimethyl phthalate	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
4,6-Dinitro-2-methylphenol	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
2,4-Dinitrophenol	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
2,6-Dinitrotoluene	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
2,4-Dinitrotoluene	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Di-n-octyl phthalate	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Bis(2-ethylhexyl)phthalate	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Fluoranthene	ND		0.0838	0.0425	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Fluorene	ND		0.0838	0.0425	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Hexachlorobenzene	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Hexachlorobutadiene	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Hexachlorocyclopentadiene	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00
Hexachloroethane	ND		0.417	0.209	mg/kg dry	☆	04/07/12 07:05	04/08/12 16:01	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-06-SO-040412-14

Lab Sample ID: NWD0424-02

Date Collected: 04/04/12 15:27

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 79.2

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		0.0838	0.0425	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:01	1.00
Isophorone	ND		0.417	0.209	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:01	1.00
2-Methylnaphthalene	ND		0.0838	0.0425	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:01	1.00
2-Methylphenol	ND		0.417	0.209	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:01	1.00
Naphthalene	ND		0.0838	0.0425	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:01	1.00
2-Nitroaniline	ND		1.04	0.209	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:01	1.00
3-Nitroaniline	ND		1.04	0.209	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:01	1.00
4-Nitroaniline	ND		1.04	0.209	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:01	1.00
Nitrobenzene	ND		0.417	0.209	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:01	1.00
2-Nitrophenol	ND		0.417	0.245	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:01	1.00
4-Nitrophenol	ND		0.417	0.209	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:01	1.00
N-Nitrosodiphenylamine	ND		0.417	0.229	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:01	1.00
N-Nitrosodi-n-propylamine	ND		0.417	0.209	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:01	1.00
Pentachlorophenol	ND		1.04	0.209	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:01	1.00
Phenanthrene	ND		0.0838	0.0425	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:01	1.00
Phenol	ND		0.417	0.209	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:01	1.00
Pyrene	ND		0.0838	0.0425	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:01	1.00
2,4,5-Trichlorophenol	ND		1.04	0.209	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:01	1.00
2,4,6-Trichlorophenol	ND		0.417	0.209	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:01	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	56		17 - 120	04/07/12 07:05	04/08/12 16:01	1.00
Phenol-d5	57		18 - 120	04/07/12 07:05	04/08/12 16:01	1.00
2-Fluorobiphenyl	65		14 - 120	04/07/12 07:05	04/08/12 16:01	1.00
Nitrobenzene-d5	59		17 - 120	04/07/12 07:05	04/08/12 16:01	1.00
Terphenyl-d14	87		18 - 120	04/07/12 07:05	04/08/12 16:01	1.00
2,4,6-Tribromophenol	64		19 - 120	04/07/12 07:05	04/08/12 16:01	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		15.3	7.63	mg/kg dry	☼	04/06/12 16:30	04/06/12 20:32	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	90		60 - 140	04/06/12 16:30	04/06/12 20:32	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0416	0.0262	mg/kg dry	☼	04/06/12 11:00	04/09/12 17:36	1.00
PCB-1221	ND		0.0416	0.0212	mg/kg dry	☼	04/06/12 11:00	04/09/12 17:36	1.00
PCB-1232	ND		0.0416	0.0212	mg/kg dry	☼	04/06/12 11:00	04/09/12 17:36	1.00
PCB-1242	ND		0.0416	0.0325	mg/kg dry	☼	04/06/12 11:00	04/09/12 17:36	1.00
PCB-1248	ND		0.0416	0.0375	mg/kg dry	☼	04/06/12 11:00	04/09/12 17:36	1.00
PCB-1254	ND		0.0416	0.0212	mg/kg dry	☼	04/06/12 11:00	04/09/12 17:36	1.00
PCB-1260	ND		0.0416	0.0350	mg/kg dry	☼	04/06/12 11:00	04/09/12 17:36	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	74		19 - 147	04/06/12 11:00	04/09/12 17:36	1.00
Decachlorobiphenyl	90		20 - 150	04/06/12 11:00	04/09/12 17:36	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.0	0.926	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:46	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-06-SO-040412-14

Lab Sample ID: NWD0424-02

Date Collected: 04/04/12 15:27

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 79.2

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.35		1.20	0.601	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:46	1.00
Barium	198		2.40	0.721	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:46	1.00
Beryllium	0.770	J	1.20	0.601	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:46	1.00
Cadmium	0.649	J	1.20	0.0721	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:46	1.00
Chromium	15.6		1.20	0.601	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:46	1.00
Cobalt	8.75		3.61	0.301	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:46	1.00
Copper	16.1		2.40	1.56	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:46	1.00
Lead	15.6		1.20	0.601	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:46	1.00
Manganese	650		3.61	3.01	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:46	1.00
Nickel	24.6		2.40	0.301	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:46	1.00
Selenium	ND		2.40	1.20	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:46	1.00
Silver	ND		1.20	0.240	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:46	1.00
Thallium	ND		2.40	0.481	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:46	1.00
Vanadium	26.3		12.0	2.68	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:46	1.00
Zinc	62.6		12.0	6.01	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:46	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.031	mg/kg dry	☼	04/11/12 10:20	04/12/12 08:30	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.53	1.26	mg/kg dry	☼	04/11/12 14:15	04/12/12 10:24	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.53	1.26	mg/kg dry	☼	04/11/12 13:10	04/12/12 09:48	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	79.2		0.500	0.500	%	—	04/09/12 11:10	04/10/12 11:34	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-07-SS-040412-00

Lab Sample ID: NWD0424-03

Date Collected: 04/04/12 09:09

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 82.3

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0285	J	0.0358	0.0179	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Benzene	0.00756		0.00143	0.000787	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Bromochloromethane	ND		0.00143	0.000859	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Bromodichloromethane	ND		0.00143	0.000716	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Bromoform	ND		0.00143	0.000716	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Bromomethane	ND		0.00143	0.000859	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
2-Butanone	ND		0.0358	0.0179	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Carbon disulfide	0.00445		0.00358	0.00258	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Carbon Tetrachloride	ND		0.00143	0.000716	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Chlorobenzene	ND		0.00143	0.000787	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Chlorodibromomethane	ND		0.00143	0.000716	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Chloroethane	ND		0.00358	0.00179	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Chloroform	ND		0.00143	0.000931	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Chloromethane	ND		0.00143	0.000787	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Cyclohexane	ND		0.00716	0.00358	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
1,2-Dibromo-3-chloropropane	ND		0.00358	0.00179	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
1,2-Dibromoethane (EDB)	ND		0.00143	0.000716	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
1,2-Dichlorobenzene	ND		0.00143	0.000716	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
1,3-Dichlorobenzene	ND		0.00143	0.000859	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
1,4-Dichlorobenzene	ND		0.00143	0.000787	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Dichlorodifluoromethane	ND		0.00143	0.00100	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
1,2-Dichloroethane	ND		0.00143	0.000787	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
1,1-Dichloroethane	ND		0.00143	0.000931	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
1,1-Dichloroethene	ND		0.00143	0.000859	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
trans-1,2-Dichloroethene	ND		0.00143	0.000931	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
cis-1,2-Dichloroethene	ND		0.00143	0.000787	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
1,2-Dichloropropane	ND		0.00143	0.000716	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
trans-1,3-Dichloropropene	ND		0.00143	0.000716	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
cis-1,3-Dichloropropene	ND		0.00143	0.000716	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Ethylbenzene	ND		0.00143	0.000787	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
2-Hexanone	ND		0.0358	0.0179	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Isopropylbenzene	ND		0.00143	0.000787	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Methyl Acetate	ND		0.00716	0.00358	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Methylcyclohexane	ND		0.00716	0.00358	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Methyl tert-Butyl Ether	ND		0.00143	0.000716	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Methylene Chloride	ND		0.00716	0.00358	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
4-Methyl-2-pentanone	ND		0.0358	0.0179	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
n-Propylbenzene	ND		0.00143	0.000787	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Styrene	ND		0.00143	0.000787	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
1,1,2,2-Tetrachloroethane	ND		0.00143	0.000716	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Tetrachloroethene	ND		0.00143	0.000931	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Tetrahydrofuran	ND		0.0143	0.00716	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Toluene	0.00151		0.00143	0.000787	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
1,2,4-Trichlorobenzene	ND		0.00143	0.000859	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
1,1,1-Trichloroethane	ND		0.00143	0.000716	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
1,1,2-Trichloroethane	ND		0.00358	0.00179	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Trichloroethene	ND		0.00143	0.000716	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Trichlorofluoromethane	ND		0.00143	0.000716	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Vinyl chloride	ND		0.00143	0.000716	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
Xylenes, total	ND		0.00358	0.00179	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00143	0.000787	mg/kg dry	☼	04/04/12 09:09	04/11/12 21:13	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-07-SS-040412-00

Lab Sample ID: NWD0424-03

Date Collected: 04/04/12 09:09

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 82.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	105		70 - 130	04/04/12 09:09	04/11/12 21:13	1.00
Dibromofluoromethane	103		70 - 130	04/04/12 09:09	04/11/12 21:13	1.00
Toluene-d8	99		70 - 130	04/04/12 09:09	04/11/12 21:13	1.00
4-Bromofluorobenzene	101		70 - 130	04/04/12 09:09	04/11/12 21:13	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0805	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Acenaphthylene	ND		0.0805	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Acetophenone	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Anthracene	ND		0.0805	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Atrazine	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Benzaldehyde	ND	L2	2.01	1.00	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Benzo (a) anthracene	0.0913		0.0805	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Benzo (b) fluoranthene	0.101		0.0805	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Benzo (a) pyrene	0.0961		0.0805	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Benzo (g,h,i) perylene	0.0661	J	0.0805	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Benzo (k) fluoranthene	0.0889		0.0805	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Biphenyl	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
4-Bromophenyl phenyl ether	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Butyl benzyl phthalate	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
4-Chloro-3-methylphenol	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
4-Chloroaniline	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Caprolactam	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Carbazole	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
2-Chloronaphthalene	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Bis(2-chloroethoxy)methane	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Bis(2-chloroethyl)ether	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Bis(2-chloroisopropyl)ether	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
2-Chlorophenol	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
4-Chlorophenyl phenyl ether	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Chrysene	0.107		0.0805	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Dibenz (a,h) anthracene	ND		0.0805	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Dibenzofuran	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Di-n-butyl phthalate	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
3,3-Dichlorobenzidine	ND		0.801	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
2,4-Dichlorophenol	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Diethyl phthalate	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
2,4-Dimethylphenol	ND		0.400	0.231	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Dimethyl phthalate	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
4,6-Dinitro-2-methylphenol	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
2,4-Dinitrophenol	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
2,6-Dinitrotoluene	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
2,4-Dinitrotoluene	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Di-n-octyl phthalate	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Bis(2-ethylhexyl)phthalate	0.260	J	0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Fluoranthene	0.184		0.0805	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Fluorene	ND		0.0805	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Hexachlorobenzene	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Hexachlorobutadiene	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Hexachlorocyclopentadiene	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Hexachloroethane	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-07-SS-040412-00

Lab Sample ID: NWD0424-03

Date Collected: 04/04/12 09:09

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 82.3

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	0.0589	J	0.0805	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Isophorone	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
2-Methylnaphthalene	ND		0.0805	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
2-Methylphenol	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Naphthalene	ND		0.0805	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
2-Nitroaniline	ND		1.00	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
3-Nitroaniline	ND		1.00	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
4-Nitroaniline	ND		1.00	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Nitrobenzene	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
2-Nitrophenol	ND		0.400	0.236	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
4-Nitrophenol	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
N-Nitrosodiphenylamine	ND		0.400	0.220	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
N-Nitrosodi-n-propylamine	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Pentachlorophenol	ND		1.00	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Phenanthrene	ND		0.0805	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Phenol	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
Pyrene	0.163		0.0805	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
2,4,5-Trichlorophenol	ND		1.00	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00
2,4,6-Trichlorophenol	ND		0.400	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:19	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	57		17 - 120	04/07/12 07:05	04/08/12 16:19	1.00
Phenol-d5	59		18 - 120	04/07/12 07:05	04/08/12 16:19	1.00
2-Fluorobiphenyl	68		14 - 120	04/07/12 07:05	04/08/12 16:19	1.00
Nitrobenzene-d5	61		17 - 120	04/07/12 07:05	04/08/12 16:19	1.00
Terphenyl-d14	80		18 - 120	04/07/12 07:05	04/08/12 16:19	1.00
2,4,6-Tribromophenol	60		19 - 120	04/07/12 07:05	04/08/12 16:19	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		14.3	7.16	mg/kg dry	☼	04/06/12 16:30	04/06/12 20:47	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	91		60 - 140	04/06/12 16:30	04/06/12 20:47	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0396	0.0250	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:15	1.00
PCB-1221	ND		0.0396	0.0202	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:15	1.00
PCB-1232	ND		0.0396	0.0202	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:15	1.00
PCB-1242	ND		0.0396	0.0309	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:15	1.00
PCB-1248	ND		0.0396	0.0357	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:15	1.00
PCB-1254	ND		0.0396	0.0202	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:15	1.00
PCB-1260	ND		0.0396	0.0333	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:15	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	70		19 - 147	04/06/12 11:00	04/10/12 14:15	1.00
Decachlorobiphenyl	94		20 - 150	04/06/12 11:00	04/10/12 14:15	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.56	J	11.6	0.895	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:50	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-07-SS-040412-00

Lab Sample ID: NWD0424-03

Date Collected: 04/04/12 09:09

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 82.3

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.79		1.16	0.581	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:50	1.00
Barium	312		2.32	0.697	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:50	1.00
Beryllium	0.744	J	1.16	0.581	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:50	1.00
Cadmium	1.81		1.16	0.0697	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:50	1.00
Chromium	22.3		1.16	0.581	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:50	1.00
Cobalt	8.55		3.49	0.291	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:50	1.00
Copper	25.8		2.32	1.51	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:50	1.00
Lead	164		1.16	0.581	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:50	1.00
Manganese	247		3.49	2.91	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:50	1.00
Nickel	22.9		2.32	0.291	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:50	1.00
Selenium	1.37	J	2.32	1.16	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:50	1.00
Silver	ND		1.16	0.232	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:50	1.00
Thallium	ND		2.32	0.465	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:50	1.00
Vanadium	21.4		11.6	2.59	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:50	1.00
Zinc	199		11.6	5.81	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:50	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039	J	0.12	0.030	mg/kg dry	☼	04/11/12 10:20	04/12/12 08:33	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	1.26	J	2.43	1.22	mg/kg dry	☼	04/11/12 14:15	04/12/12 10:24	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.43	1.22	mg/kg dry	☼	04/11/12 13:10	04/12/12 09:51	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	82.3		0.500	0.500	%	—	04/09/12 11:10	04/10/12 11:34	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-07-SO-040412-07

Lab Sample ID: NWD0424-04

Date Collected: 04/04/12 10:16

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 77.8

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0484	0.0242	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Benzene	0.00174	J	0.00194	0.00106	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Bromochloromethane	ND		0.00194	0.00116	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Bromodichloromethane	ND		0.00194	0.000968	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Bromoform	ND		0.00194	0.000968	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Bromomethane	ND		0.00194	0.00116	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
2-Butanone	ND		0.0484	0.0242	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Carbon disulfide	ND		0.00484	0.00348	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Carbon Tetrachloride	ND		0.00194	0.000968	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Chlorobenzene	ND		0.00194	0.00106	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Chlorodibromomethane	ND		0.00194	0.000968	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Chloroethane	ND		0.00484	0.00242	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Chloroform	ND		0.00194	0.00126	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Chloromethane	ND		0.00194	0.00106	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Cyclohexane	ND		0.00968	0.00484	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
1,2-Dibromo-3-chloropropane	ND		0.00484	0.00242	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
1,2-Dibromoethane (EDB)	ND		0.00194	0.000968	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
1,2-Dichlorobenzene	ND		0.00194	0.000968	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
1,3-Dichlorobenzene	ND		0.00194	0.00116	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
1,4-Dichlorobenzene	ND		0.00194	0.00106	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Dichlorodifluoromethane	ND		0.00194	0.00136	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
1,2-Dichloroethane	ND		0.00194	0.00106	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
1,1-Dichloroethane	ND		0.00194	0.00126	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
1,1-Dichloroethene	ND		0.00194	0.00116	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
trans-1,2-Dichloroethene	ND		0.00194	0.00126	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
cis-1,2-Dichloroethene	ND		0.00194	0.00106	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
1,2-Dichloropropane	ND		0.00194	0.000968	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
trans-1,3-Dichloropropene	ND		0.00194	0.000968	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
cis-1,3-Dichloropropene	ND		0.00194	0.000968	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Ethylbenzene	ND		0.00194	0.00106	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
2-Hexanone	ND		0.0484	0.0242	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Isopropylbenzene	ND		0.00194	0.00106	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Methyl Acetate	ND		0.00968	0.00484	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Methylcyclohexane	ND		0.00968	0.00484	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Methyl tert-Butyl Ether	ND		0.00194	0.000968	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Methylene Chloride	ND		0.00968	0.00484	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
4-Methyl-2-pentanone	ND		0.0484	0.0242	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
n-Propylbenzene	ND		0.00194	0.00106	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Styrene	ND		0.00194	0.00106	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
1,1,2,2-Tetrachloroethane	ND		0.00194	0.000968	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Tetrachloroethene	ND		0.00194	0.00126	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Tetrahydrofuran	ND		0.0194	0.00968	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Toluene	0.00139	J	0.00194	0.00106	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
1,2,4-Trichlorobenzene	ND		0.00194	0.00116	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
1,1,1-Trichloroethane	ND		0.00194	0.000968	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
1,1,2-Trichloroethane	ND		0.00484	0.00242	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Trichloroethene	ND		0.00194	0.000968	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Trichlorofluoromethane	ND		0.00194	0.000968	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Vinyl chloride	ND		0.00194	0.000968	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
Xylenes, total	ND		0.00484	0.00242	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00194	0.00106	mg/kg dry	☼	04/04/12 10:16	04/11/12 21:41	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-07-SO-040412-07

Lab Sample ID: NWD0424-04

Date Collected: 04/04/12 10:16

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 77.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	104		70 - 130	04/04/12 10:16	04/11/12 21:41	1.00
Dibromofluoromethane	101		70 - 130	04/04/12 10:16	04/11/12 21:41	1.00
Toluene-d8	100		70 - 130	04/04/12 10:16	04/11/12 21:41	1.00
4-Bromofluorobenzene	100		70 - 130	04/04/12 10:16	04/11/12 21:41	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0848	0.0430	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Acenaphthylene	ND		0.0848	0.0430	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Acetophenone	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Anthracene	ND		0.0848	0.0430	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Atrazine	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Benzaldehyde	ND	L2	2.11	1.06	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Benzo (a) anthracene	ND		0.0848	0.0430	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Benzo (b) fluoranthene	ND		0.0848	0.0430	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Benzo (a) pyrene	ND		0.0848	0.0430	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Benzo (g,h,i) perylene	ND		0.0848	0.0430	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Benzo (k) fluoranthene	ND		0.0848	0.0430	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Biphenyl	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
4-Bromophenyl phenyl ether	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Butyl benzyl phthalate	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
4-Chloro-3-methylphenol	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
4-Chloroaniline	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Caprolactam	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Carbazole	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
2-Chloronaphthalene	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Bis(2-chloroethoxy)methane	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Bis(2-chloroethyl)ether	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Bis(2-chloroisopropyl)ether	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
2-Chlorophenol	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
4-Chlorophenyl phenyl ether	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Chrysene	ND		0.0848	0.0430	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Dibenz (a,h) anthracene	ND		0.0848	0.0430	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Dibenzofuran	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Di-n-butyl phthalate	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
3,3-Dichlorobenzidine	ND		0.844	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
2,4-Dichlorophenol	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Diethyl phthalate	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
2,4-Dimethylphenol	ND		0.421	0.243	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Dimethyl phthalate	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
4,6-Dinitro-2-methylphenol	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
2,4-Dinitrophenol	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
2,6-Dinitrotoluene	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
2,4-Dinitrotoluene	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Di-n-octyl phthalate	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Bis(2-ethylhexyl)phthalate	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Fluoranthene	ND		0.0848	0.0430	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Fluorene	ND		0.0848	0.0430	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Hexachlorobenzene	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Hexachlorobutadiene	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Hexachlorocyclopentadiene	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Hexachloroethane	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-07-SO-040412-07

Lab Sample ID: NWD0424-04

Date Collected: 04/04/12 10:16

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 77.8

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		0.0848	0.0430	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Isophorone	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
2-Methylnaphthalene	ND		0.0848	0.0430	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
2-Methylphenol	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Naphthalene	ND		0.0848	0.0430	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
2-Nitroaniline	ND		1.05	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
3-Nitroaniline	ND		1.05	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
4-Nitroaniline	ND		1.05	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Nitrobenzene	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
2-Nitrophenol	ND		0.421	0.248	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
4-Nitrophenol	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
N-Nitrosodiphenylamine	ND		0.421	0.232	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
N-Nitrosodi-n-propylamine	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Pentachlorophenol	ND		1.05	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Phenanthrene	ND		0.0848	0.0430	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Phenol	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
Pyrene	ND		0.0848	0.0430	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
2,4,5-Trichlorophenol	ND		1.05	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00
2,4,6-Trichlorophenol	ND		0.421	0.211	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:38	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	59		17 - 120	04/07/12 07:05	04/08/12 16:38	1.00
Phenol-d5	58		18 - 120	04/07/12 07:05	04/08/12 16:38	1.00
2-Fluorobiphenyl	63		14 - 120	04/07/12 07:05	04/08/12 16:38	1.00
Nitrobenzene-d5	61		17 - 120	04/07/12 07:05	04/08/12 16:38	1.00
Terphenyl-d14	79		18 - 120	04/07/12 07:05	04/08/12 16:38	1.00
2,4,6-Tribromophenol	58		19 - 120	04/07/12 07:05	04/08/12 16:38	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		15.7	7.86	mg/kg dry	☼	04/06/12 16:30	04/06/12 21:02	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	92		60 - 140	04/06/12 16:30	04/06/12 21:02	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0426	0.0269	mg/kg dry	☼	04/07/12 07:55	04/11/12 03:02	1.00
PCB-1221	ND		0.0426	0.0218	mg/kg dry	☼	04/07/12 07:55	04/11/12 03:02	1.00
PCB-1232	ND		0.0426	0.0218	mg/kg dry	☼	04/07/12 07:55	04/11/12 03:02	1.00
PCB-1242	ND		0.0426	0.0333	mg/kg dry	☼	04/07/12 07:55	04/11/12 03:02	1.00
PCB-1248	ND		0.0426	0.0384	mg/kg dry	☼	04/07/12 07:55	04/11/12 03:02	1.00
PCB-1254	ND		0.0426	0.0218	mg/kg dry	☼	04/07/12 07:55	04/11/12 03:02	1.00
PCB-1260	ND		0.0426	0.0358	mg/kg dry	☼	04/07/12 07:55	04/11/12 03:02	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	86		19 - 147	04/07/12 07:55	04/11/12 03:02	1.00
Decachlorobiphenyl	82		20 - 150	04/07/12 07:55	04/11/12 03:02	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.8	0.988	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:53	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-07-SO-040412-07

Lab Sample ID: NWD0424-04

Date Collected: 04/04/12 10:16

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 77.8

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13.1		1.28	0.641	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:53	1.00
Barium	197		2.57	0.770	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:53	1.00
Beryllium	0.872	J	1.28	0.641	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:53	1.00
Cadmium	1.64		1.28	0.0770	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:53	1.00
Chromium	30.0		1.28	0.641	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:53	1.00
Cobalt	11.0		3.85	0.321	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:53	1.00
Copper	22.2		2.57	1.67	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:53	1.00
Lead	72.4		1.28	0.641	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:53	1.00
Manganese	1270		3.85	3.21	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:53	1.00
Nickel	48.9		2.57	0.321	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:53	1.00
Selenium	3.54		2.57	1.28	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:53	1.00
Silver	ND		1.28	0.257	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:53	1.00
Thallium	0.795	J	2.57	0.513	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:53	1.00
Vanadium	27.1		12.8	2.86	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:53	1.00
Zinc	114		12.8	6.41	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:53	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.078	J	0.12	0.031	mg/kg dry	☼	04/11/12 10:20	04/12/12 08:35	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.57	1.29	mg/kg dry	☼	04/11/12 14:15	04/12/12 10:24	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.57	1.29	mg/kg dry	☼	04/11/12 13:10	04/12/12 09:52	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	77.8		0.500	0.500	%	—	04/09/12 11:10	04/10/12 11:34	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-20-SS-040412-00

Lab Sample ID: NWD0424-05

Date Collected: 04/04/12 07:49

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 81.4

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0477	0.0238	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Benzene	0.00123	J	0.00191	0.00105	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Bromochloromethane	ND		0.00191	0.00114	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Bromodichloromethane	ND		0.00191	0.000953	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Bromoform	ND		0.00191	0.000953	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Bromomethane	ND		0.00191	0.00114	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
2-Butanone	ND		0.0477	0.0238	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Carbon disulfide	ND		0.00477	0.00343	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Carbon Tetrachloride	ND		0.00191	0.000953	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Chlorobenzene	ND		0.00191	0.00105	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Chlorodibromomethane	ND		0.00191	0.000953	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Chloroethane	ND		0.00477	0.00238	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Chloroform	ND		0.00191	0.00124	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Chloromethane	ND		0.00191	0.00105	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Cyclohexane	ND		0.00953	0.00477	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
1,2-Dibromo-3-chloropropane	ND		0.00477	0.00238	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
1,2-Dibromoethane (EDB)	ND		0.00191	0.000953	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
1,2-Dichlorobenzene	ND		0.00191	0.000953	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
1,3-Dichlorobenzene	ND		0.00191	0.00114	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
1,4-Dichlorobenzene	ND		0.00191	0.00105	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Dichlorodifluoromethane	ND		0.00191	0.00133	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
1,2-Dichloroethane	ND		0.00191	0.00105	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
1,1-Dichloroethane	ND		0.00191	0.00124	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
1,1-Dichloroethene	ND		0.00191	0.00114	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
trans-1,2-Dichloroethene	ND		0.00191	0.00124	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
cis-1,2-Dichloroethene	ND		0.00191	0.00105	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
1,2-Dichloropropane	ND		0.00191	0.000953	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
trans-1,3-Dichloropropene	ND		0.00191	0.000953	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
cis-1,3-Dichloropropene	ND		0.00191	0.000953	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Ethylbenzene	ND		0.00191	0.00105	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
2-Hexanone	ND		0.0477	0.0238	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Isopropylbenzene	ND		0.00191	0.00105	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Methyl Acetate	ND		0.00953	0.00477	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Methylcyclohexane	ND		0.00953	0.00477	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Methyl tert-Butyl Ether	ND		0.00191	0.000953	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Methylene Chloride	ND		0.00953	0.00477	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
4-Methyl-2-pentanone	ND		0.0477	0.0238	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
n-Propylbenzene	ND		0.00191	0.00105	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Styrene	ND		0.00191	0.00105	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
1,1,2,2-Tetrachloroethane	ND		0.00191	0.000953	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Tetrachloroethene	ND		0.00191	0.00124	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Tetrahydrofuran	ND		0.0191	0.00953	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Toluene	0.00146	J	0.00191	0.00105	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
1,2,4-Trichlorobenzene	ND		0.00191	0.00114	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
1,1,1-Trichloroethane	ND		0.00191	0.000953	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
1,1,2-Trichloroethane	ND		0.00477	0.00238	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Trichloroethene	ND		0.00191	0.000953	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Trichlorofluoromethane	ND		0.00191	0.000953	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Vinyl chloride	ND		0.00191	0.000953	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
Xylenes, total	ND		0.00477	0.00238	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00191	0.00105	mg/kg dry	☼	04/04/12 07:49	04/11/12 22:09	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-20-SS-040412-00

Lab Sample ID: NWD0424-05

Date Collected: 04/04/12 07:49

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 81.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	104		70 - 130	04/04/12 07:49	04/11/12 22:09	1.00
Dibromofluoromethane	99		70 - 130	04/04/12 07:49	04/11/12 22:09	1.00
Toluene-d8	99		70 - 130	04/04/12 07:49	04/11/12 22:09	1.00
4-Bromofluorobenzene	100		70 - 130	04/04/12 07:49	04/11/12 22:09	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0807	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Acenaphthylene	ND		0.0807	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Acetophenone	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Anthracene	0.0634	J	0.0807	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Atrazine	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Benzaldehyde	ND	L2	2.01	1.01	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Benzo (a) anthracene	0.159		0.0807	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Benzo (b) fluoranthene	0.108		0.0807	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Benzo (a) pyrene	0.129		0.0807	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Benzo (g,h,i) perylene	0.0715	J	0.0807	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Benzo (k) fluoranthene	0.120		0.0807	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Biphenyl	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
4-Bromophenyl phenyl ether	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Butyl benzyl phthalate	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
4-Chloro-3-methylphenol	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
4-Chloroaniline	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Caprolactam	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Carbazole	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
2-Chloronaphthalene	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Bis(2-chloroethoxy)methane	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Bis(2-chloroethyl)ether	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Bis(2-chloroisopropyl)ether	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
2-Chlorophenol	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
4-Chlorophenyl phenyl ether	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Chrysene	0.142		0.0807	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Dibenz (a,h) anthracene	0.0409	J	0.0807	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Dibenzofuran	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Di-n-butyl phthalate	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
3,3-Dichlorobenzidine	ND		0.803	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
2,4-Dichlorophenol	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Diethyl phthalate	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
2,4-Dimethylphenol	ND		0.401	0.231	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Dimethyl phthalate	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
4,6-Dinitro-2-methylphenol	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
2,4-Dinitrophenol	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
2,6-Dinitrotoluene	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
2,4-Dinitrotoluene	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Di-n-octyl phthalate	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Bis(2-ethylhexyl)phthalate	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Fluoranthene	0.376		0.0807	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Fluorene	ND		0.0807	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Hexachlorobenzene	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Hexachlorobutadiene	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Hexachlorocyclopentadiene	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Hexachloroethane	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-20-SS-040412-00

Lab Sample ID: NWD0424-05

Date Collected: 04/04/12 07:49

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 81.4

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	0.0662	J	0.0807	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Isophorone	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
2-Methylnaphthalene	ND		0.0807	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
2-Methylphenol	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Naphthalene	ND		0.0807	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
2-Nitroaniline	ND		1.00	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
3-Nitroaniline	ND		1.00	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
4-Nitroaniline	ND		1.00	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Nitrobenzene	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
2-Nitrophenol	ND		0.401	0.236	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
4-Nitrophenol	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
N-Nitrosodiphenylamine	ND		0.401	0.220	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
N-Nitrosodi-n-propylamine	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Pentachlorophenol	ND		1.00	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Phenanthrene	0.217		0.0807	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Phenol	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
Pyrene	0.287		0.0807	0.0409	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
2,4,5-Trichlorophenol	ND		1.00	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00
2,4,6-Trichlorophenol	ND		0.401	0.201	mg/kg dry	☼	04/07/12 07:05	04/08/12 16:57	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	54		17 - 120	04/07/12 07:05	04/08/12 16:57	1.00
Phenol-d5	56		18 - 120	04/07/12 07:05	04/08/12 16:57	1.00
2-Fluorobiphenyl	68		14 - 120	04/07/12 07:05	04/08/12 16:57	1.00
Nitrobenzene-d5	59		17 - 120	04/07/12 07:05	04/08/12 16:57	1.00
Terphenyl-d14	83		18 - 120	04/07/12 07:05	04/08/12 16:57	1.00
2,4,6-Tribromophenol	61		19 - 120	04/07/12 07:05	04/08/12 16:57	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		14.6	7.28	mg/kg dry	☼	04/06/12 16:30	04/06/12 21:48	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	89		60 - 140	04/06/12 16:30	04/06/12 21:48	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0407	0.0257	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:34	1.00
PCB-1221	ND		0.0407	0.0208	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:34	1.00
PCB-1232	ND		0.0407	0.0208	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:34	1.00
PCB-1242	ND		0.0407	0.0318	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:34	1.00
PCB-1248	ND		0.0407	0.0367	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:34	1.00
PCB-1254	ND		0.0407	0.0208	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:34	1.00
PCB-1260	ND		0.0407	0.0342	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:34	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	68		19 - 147	04/06/12 11:00	04/10/12 14:34	1.00
Decachlorobiphenyl	94		20 - 150	04/06/12 11:00	04/10/12 14:34	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.0	0.922	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:56	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-20-SS-040412-00

Lab Sample ID: NWD0424-05

Date Collected: 04/04/12 07:49

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 81.4

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.79		1.20	0.598	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:56	1.00
Barium	232		2.39	0.718	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:56	1.00
Beryllium	0.862	J	1.20	0.598	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:56	1.00
Cadmium	0.814	J	1.20	0.0718	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:56	1.00
Chromium	17.4		1.20	0.598	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:56	1.00
Cobalt	10.4		3.59	0.299	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:56	1.00
Copper	14.8		2.39	1.56	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:56	1.00
Lead	22.1		1.20	0.598	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:56	1.00
Manganese	181		3.59	2.99	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:56	1.00
Nickel	26.0		2.39	0.299	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:56	1.00
Selenium	ND		2.39	1.20	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:56	1.00
Silver	ND		1.20	0.239	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:56	1.00
Thallium	ND		2.39	0.479	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:56	1.00
Vanadium	28.9		12.0	2.67	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:56	1.00
Zinc	58.6		12.0	5.98	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:56	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.059	mg/kg dry	☼	04/09/12 10:55	04/09/12 14:05	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.46	1.23	mg/kg dry	☼	04/11/12 14:15	04/12/12 10:24	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.46	1.23	mg/kg dry	☼	04/11/12 13:10	04/12/12 09:53	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	81.4		0.500	0.500	%	—	04/09/12 11:10	04/10/12 11:34	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-20-SO-040412-09

Lab Sample ID: NWD0424-06

Date Collected: 04/04/12 08:25

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 74.7

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0511	0.0255	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Benzene	0.00256		0.00204	0.00112	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Bromochloromethane	ND		0.00204	0.00123	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Bromodichloromethane	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Bromoform	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Bromomethane	ND		0.00204	0.00123	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
2-Butanone	ND		0.0511	0.0255	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Carbon disulfide	ND		0.00511	0.00368	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Carbon Tetrachloride	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Chlorobenzene	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Chlorodibromomethane	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Chloroethane	ND		0.00511	0.00255	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Chloroform	ND		0.00204	0.00133	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Chloromethane	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Cyclohexane	ND		0.0102	0.00511	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
1,2-Dibromo-3-chloropropane	ND		0.00511	0.00255	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
1,2-Dibromoethane (EDB)	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
1,2-Dichlorobenzene	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
1,3-Dichlorobenzene	ND		0.00204	0.00123	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
1,4-Dichlorobenzene	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Dichlorodifluoromethane	ND		0.00204	0.00143	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
1,2-Dichloroethane	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
1,1-Dichloroethane	ND		0.00204	0.00133	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
1,1-Dichloroethene	ND		0.00204	0.00123	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
trans-1,2-Dichloroethene	ND		0.00204	0.00133	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
cis-1,2-Dichloroethene	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
1,2-Dichloropropane	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
trans-1,3-Dichloropropene	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
cis-1,3-Dichloropropene	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Ethylbenzene	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
2-Hexanone	ND		0.0511	0.0255	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Isopropylbenzene	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Methyl Acetate	ND		0.0102	0.00511	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Methylcyclohexane	ND		0.0102	0.00511	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Methyl tert-Butyl Ether	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Methylene Chloride	ND		0.0102	0.00511	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
4-Methyl-2-pentanone	ND		0.0511	0.0255	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
n-Propylbenzene	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Styrene	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
1,1,2,2-Tetrachloroethane	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Tetrachloroethene	ND		0.00204	0.00133	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Tetrahydrofuran	ND		0.0204	0.0102	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Toluene	0.00168 J		0.00204	0.00112	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
1,2,4-Trichlorobenzene	ND		0.00204	0.00123	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
1,1,1-Trichloroethane	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
1,1,2-Trichloroethane	ND		0.00511	0.00255	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Trichloroethene	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Trichlorofluoromethane	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Vinyl chloride	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
Xylenes, total	ND		0.00511	0.00255	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 08:25	04/11/12 22:37	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-20-SO-040412-09

Lab Sample ID: NWD0424-06

Date Collected: 04/04/12 08:25

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 74.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	101		70 - 130	04/04/12 08:25	04/11/12 22:37	1.00
Dibromofluoromethane	100		70 - 130	04/04/12 08:25	04/11/12 22:37	1.00
Toluene-d8	101		70 - 130	04/04/12 08:25	04/11/12 22:37	1.00
4-Bromofluorobenzene	99		70 - 130	04/04/12 08:25	04/11/12 22:37	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0879	0.0446	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Acenaphthylene	ND		0.0879	0.0446	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Acetophenone	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Anthracene	ND		0.0879	0.0446	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Atrazine	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Benzaldehyde	ND	L2	2.19	1.10	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Benzo (a) anthracene	ND		0.0879	0.0446	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Benzo (b) fluoranthene	ND		0.0879	0.0446	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Benzo (a) pyrene	ND		0.0879	0.0446	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Benzo (g,h,i) perylene	ND		0.0879	0.0446	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Benzo (k) fluoranthene	ND		0.0879	0.0446	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Biphenyl	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
4-Bromophenyl phenyl ether	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Butyl benzyl phthalate	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
4-Chloro-3-methylphenol	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
4-Chloroaniline	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Caprolactam	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Carbazole	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
2-Chloronaphthalene	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Bis(2-chloroethoxy)methane	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Bis(2-chloroethyl)ether	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Bis(2-chloroisopropyl)ether	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
2-Chlorophenol	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
4-Chlorophenyl phenyl ether	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Chrysene	ND		0.0879	0.0446	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Dibenz (a,h) anthracene	ND		0.0879	0.0446	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Dibenzofuran	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Di-n-butyl phthalate	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
3,3-Dichlorobenzidine	ND		0.875	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
2,4-Dichlorophenol	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Diethyl phthalate	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
2,4-Dimethylphenol	ND		0.437	0.252	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Dimethyl phthalate	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
4,6-Dinitro-2-methylphenol	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
2,4-Dinitrophenol	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
2,6-Dinitrotoluene	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
2,4-Dinitrotoluene	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Di-n-octyl phthalate	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Bis(2-ethylhexyl)phthalate	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Fluoranthene	ND		0.0879	0.0446	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Fluorene	ND		0.0879	0.0446	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Hexachlorobenzene	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Hexachlorobutadiene	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Hexachlorocyclopentadiene	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Hexachloroethane	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-20-SO-040412-09

Lab Sample ID: NWD0424-06

Date Collected: 04/04/12 08:25

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 74.7

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		0.0879	0.0446	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Isophorone	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
2-Methylnaphthalene	ND		0.0879	0.0446	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
2-Methylphenol	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Naphthalene	ND		0.0879	0.0446	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
2-Nitroaniline	ND		1.09	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
3-Nitroaniline	ND		1.09	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
4-Nitroaniline	ND		1.09	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Nitrobenzene	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
2-Nitrophenol	ND		0.437	0.257	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
4-Nitrophenol	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
N-Nitrosodiphenylamine	ND		0.437	0.240	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
N-Nitrosodi-n-propylamine	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Pentachlorophenol	ND		1.09	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Phenanthrene	ND		0.0879	0.0446	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Phenol	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
Pyrene	ND		0.0879	0.0446	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
2,4,5-Trichlorophenol	ND		1.09	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00
2,4,6-Trichlorophenol	ND		0.437	0.219	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:15	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	47		17 - 120	04/07/12 07:05	04/08/12 17:15	1.00
Phenol-d5	48		18 - 120	04/07/12 07:05	04/08/12 17:15	1.00
2-Fluorobiphenyl	55		14 - 120	04/07/12 07:05	04/08/12 17:15	1.00
Nitrobenzene-d5	51		17 - 120	04/07/12 07:05	04/08/12 17:15	1.00
Terphenyl-d14	75		18 - 120	04/07/12 07:05	04/08/12 17:15	1.00
2,4,6-Tribromophenol	55		19 - 120	04/07/12 07:05	04/08/12 17:15	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		16.8	8.38	mg/kg dry	☼	04/06/12 16:30	04/06/12 22:04	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	86		60 - 140	04/06/12 16:30	04/06/12 22:04	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0434	0.0274	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:53	1.00
PCB-1221	ND		0.0434	0.0222	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:53	1.00
PCB-1232	ND		0.0434	0.0222	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:53	1.00
PCB-1242	ND		0.0434	0.0339	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:53	1.00
PCB-1248	ND		0.0434	0.0391	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:53	1.00
PCB-1254	ND		0.0434	0.0222	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:53	1.00
PCB-1260	ND		0.0434	0.0365	mg/kg dry	☼	04/06/12 11:00	04/10/12 14:53	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	70		19 - 147	04/06/12 11:00	04/10/12 14:53	1.00
Decachlorobiphenyl	90		20 - 150	04/06/12 11:00	04/10/12 14:53	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.9	0.995	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:59	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-20-SO-040412-09

Lab Sample ID: NWD0424-06

Date Collected: 04/04/12 08:25

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 74.7

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.72		1.29	0.646	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:59	1.00
Barium	157		2.58	0.775	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:59	1.00
Beryllium	1.03	J	1.29	0.646	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:59	1.00
Cadmium	0.672	J	1.29	0.0775	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:59	1.00
Chromium	21.3		1.29	0.646	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:59	1.00
Cobalt	11.2		3.88	0.323	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:59	1.00
Copper	15.9		2.58	1.68	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:59	1.00
Lead	16.0		1.29	0.646	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:59	1.00
Manganese	368		3.88	3.23	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:59	1.00
Nickel	40.3		2.58	0.323	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:59	1.00
Selenium	1.29	J	2.58	1.29	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:59	1.00
Silver	ND		1.29	0.258	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:59	1.00
Thallium	ND		2.58	0.517	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:59	1.00
Vanadium	20.0		12.9	2.88	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:59	1.00
Zinc	47.5		12.9	6.46	mg/kg dry	☼	04/11/12 11:03	04/12/12 17:59	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.066	mg/kg dry	☼	04/09/12 10:55	04/09/12 14:16	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.68	1.34	mg/kg dry	☼	04/11/12 14:15	04/12/12 10:24	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.68	1.34	mg/kg dry	☼	04/11/12 13:10	04/12/12 09:53	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	74.7		0.500	0.500	%	—	04/09/12 11:10	04/10/12 11:34	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-21-SS-040412-00

Lab Sample ID: NWD0424-07

Date Collected: 04/04/12 11:18

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 79.2

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0509	0.0255	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Benzene	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Bromochloromethane	ND		0.00204	0.00122	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Bromodichloromethane	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Bromoform	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Bromomethane	ND		0.00204	0.00122	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
2-Butanone	ND		0.0509	0.0255	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Carbon disulfide	ND		0.00509	0.00367	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Carbon Tetrachloride	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Chlorobenzene	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Chlorodibromomethane	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Chloroethane	ND		0.00509	0.00255	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Chloroform	ND		0.00204	0.00132	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Chloromethane	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Cyclohexane	ND		0.0102	0.00509	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
1,2-Dibromo-3-chloropropane	ND		0.00509	0.00255	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
1,2-Dibromoethane (EDB)	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
1,2-Dichlorobenzene	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
1,3-Dichlorobenzene	ND		0.00204	0.00122	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
1,4-Dichlorobenzene	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Dichlorodifluoromethane	ND		0.00204	0.00143	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
1,2-Dichloroethane	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
1,1-Dichloroethane	ND		0.00204	0.00132	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
1,1-Dichloroethene	ND		0.00204	0.00122	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
trans-1,2-Dichloroethene	ND		0.00204	0.00132	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
cis-1,2-Dichloroethene	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
1,2-Dichloropropane	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
trans-1,3-Dichloropropene	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
cis-1,3-Dichloropropene	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Ethylbenzene	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
2-Hexanone	ND		0.0509	0.0255	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Isopropylbenzene	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Methyl Acetate	ND		0.0102	0.00509	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Methylcyclohexane	ND		0.0102	0.00509	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Methyl tert-Butyl Ether	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Methylene Chloride	ND		0.0102	0.00509	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
4-Methyl-2-pentanone	ND		0.0509	0.0255	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
n-Propylbenzene	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Styrene	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
1,1,2,2-Tetrachloroethane	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Tetrachloroethene	ND		0.00204	0.00132	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Tetrahydrofuran	ND		0.0204	0.0102	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Toluene	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
1,2,4-Trichlorobenzene	ND		0.00204	0.00122	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
1,1,1-Trichloroethane	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
1,1,2-Trichloroethane	ND		0.00509	0.00255	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Trichloroethene	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Trichlorofluoromethane	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Vinyl chloride	ND		0.00204	0.00102	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
Xylenes, total	ND		0.00509	0.00255	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00204	0.00112	mg/kg dry	☼	04/04/12 11:18	04/11/12 23:05	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-21-SS-040412-00

Lab Sample ID: NWD0424-07

Date Collected: 04/04/12 11:18

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 79.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	104		70 - 130	04/04/12 11:18	04/11/12 23:05	1.00
Dibromofluoromethane	99		70 - 130	04/04/12 11:18	04/11/12 23:05	1.00
Toluene-d8	100		70 - 130	04/04/12 11:18	04/11/12 23:05	1.00
4-Bromofluorobenzene	99		70 - 130	04/04/12 11:18	04/11/12 23:05	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0821	0.0417	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Acenaphthylene	ND		0.0821	0.0417	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Acetophenone	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Anthracene	ND		0.0821	0.0417	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Atrazine	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Benzaldehyde	ND	L2	2.05	1.02	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Benzo (a) anthracene	ND		0.0821	0.0417	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Benzo (b) fluoranthene	ND		0.0821	0.0417	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Benzo (a) pyrene	ND		0.0821	0.0417	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Benzo (g,h,i) perylene	ND		0.0821	0.0417	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Benzo (k) fluoranthene	ND		0.0821	0.0417	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Biphenyl	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
4-Bromophenyl phenyl ether	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Butyl benzyl phthalate	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
4-Chloro-3-methylphenol	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
4-Chloroaniline	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Caprolactam	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Carbazole	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
2-Chloronaphthalene	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Bis(2-chloroethoxy)methane	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Bis(2-chloroethyl)ether	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Bis(2-chloroisopropyl)ether	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
2-Chlorophenol	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
4-Chlorophenyl phenyl ether	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Chrysene	ND		0.0821	0.0417	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Dibenz (a,h) anthracene	ND		0.0821	0.0417	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Dibenzofuran	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Di-n-butyl phthalate	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
3,3-Dichlorobenzidine	ND		0.817	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
2,4-Dichlorophenol	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Diethyl phthalate	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
2,4-Dimethylphenol	ND		0.408	0.235	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Dimethyl phthalate	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
4,6-Dinitro-2-methylphenol	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
2,4-Dinitrophenol	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
2,6-Dinitrotoluene	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
2,4-Dinitrotoluene	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Di-n-octyl phthalate	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Bis(2-ethylhexyl)phthalate	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Fluoranthene	ND		0.0821	0.0417	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Fluorene	ND		0.0821	0.0417	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Hexachlorobenzene	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Hexachlorobutadiene	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Hexachlorocyclopentadiene	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Hexachloroethane	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-21-SS-040412-00

Lab Sample ID: NWD0424-07

Date Collected: 04/04/12 11:18

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 79.2

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		0.0821	0.0417	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Isophorone	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
2-Methylnaphthalene	ND		0.0821	0.0417	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
2-Methylphenol	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Naphthalene	ND		0.0821	0.0417	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
2-Nitroaniline	ND		1.02	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
3-Nitroaniline	ND		1.02	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
4-Nitroaniline	ND		1.02	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Nitrobenzene	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
2-Nitrophenol	ND		0.408	0.240	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
4-Nitrophenol	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
N-Nitrosodiphenylamine	ND		0.408	0.224	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
N-Nitrosodi-n-propylamine	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Pentachlorophenol	ND		1.02	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Phenanthrene	ND		0.0821	0.0417	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Phenol	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
Pyrene	ND		0.0821	0.0417	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
2,4,5-Trichlorophenol	ND		1.02	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00
2,4,6-Trichlorophenol	ND		0.408	0.205	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:34	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	54		17 - 120	04/07/12 07:05	04/08/12 17:34	1.00
Phenol-d5	55		18 - 120	04/07/12 07:05	04/08/12 17:34	1.00
2-Fluorobiphenyl	63		14 - 120	04/07/12 07:05	04/08/12 17:34	1.00
Nitrobenzene-d5	58		17 - 120	04/07/12 07:05	04/08/12 17:34	1.00
Terphenyl-d14	84		18 - 120	04/07/12 07:05	04/08/12 17:34	1.00
2,4,6-Tribromophenol	66		19 - 120	04/07/12 07:05	04/08/12 17:34	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		15.3	7.63	mg/kg dry	☼	04/06/12 16:30	04/06/12 22:19	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	78		60 - 140	04/06/12 16:30	04/06/12 22:19	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0408	0.0257	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:12	1.00
PCB-1221	ND		0.0408	0.0208	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:12	1.00
PCB-1232	ND		0.0408	0.0208	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:12	1.00
PCB-1242	ND		0.0408	0.0318	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:12	1.00
PCB-1248	ND		0.0408	0.0367	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:12	1.00
PCB-1254	ND		0.0408	0.0208	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:12	1.00
PCB-1260	ND		0.0408	0.0343	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:12	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	82		19 - 147	04/06/12 11:00	04/10/12 15:12	1.00
Decachlorobiphenyl	94		20 - 150	04/06/12 11:00	04/10/12 15:12	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.8	0.983	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:13	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-21-SS-040412-00

Lab Sample ID: NWD0424-07

Date Collected: 04/04/12 11:18

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 79.2

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12.8		1.28	0.638	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:13	1.00
Barium	299		2.55	0.766	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:13	1.00
Beryllium	1.28		1.28	0.638	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:13	1.00
Cadmium	1.15	J	1.28	0.0766	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:13	1.00
Chromium	46.8		1.28	0.638	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:13	1.00
Cobalt	16.9		3.83	0.319	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:13	1.00
Copper	36.1		2.55	1.66	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:13	1.00
Lead	51.2		1.28	0.638	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:13	1.00
Manganese	335		3.83	3.19	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:13	1.00
Nickel	84.7		2.55	0.319	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:13	1.00
Selenium	3.01		2.55	1.28	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:13	1.00
Silver	ND		1.28	0.255	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:13	1.00
Thallium	ND		2.55	0.510	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:13	1.00
Vanadium	44.8		12.8	2.85	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:13	1.00
Zinc	85.6		12.8	6.38	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:13	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.061	mg/kg dry	☼	04/09/12 10:55	04/09/12 14:18	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.53	1.26	mg/kg dry	☼	04/11/12 14:15	04/12/12 10:24	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.53	1.26	mg/kg dry	☼	04/11/12 13:10	04/12/12 09:54	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	79.2		0.500	0.500	%	—	04/09/12 11:10	04/10/12 11:34	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-21-SO-040412-10

Lab Sample ID: NWD0424-08

Date Collected: 04/04/12 12:06

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 73.2

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0530	0.0265	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Benzene	ND		0.00212	0.00117	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Bromochloromethane	ND		0.00212	0.00127	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Bromodichloromethane	ND		0.00212	0.00106	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Bromoform	ND		0.00212	0.00106	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Bromomethane	ND		0.00212	0.00127	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
2-Butanone	ND		0.0530	0.0265	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Carbon disulfide	ND		0.00530	0.00382	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Carbon Tetrachloride	ND		0.00212	0.00106	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Chlorobenzene	ND		0.00212	0.00117	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Chlorodibromomethane	ND		0.00212	0.00106	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Chloroethane	ND		0.00530	0.00265	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Chloroform	ND		0.00212	0.00138	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Chloromethane	ND		0.00212	0.00117	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Cyclohexane	ND		0.0106	0.00530	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
1,2-Dibromo-3-chloropropane	ND		0.00530	0.00265	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
1,2-Dibromoethane (EDB)	ND		0.00212	0.00106	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
1,2-Dichlorobenzene	ND		0.00212	0.00106	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
1,3-Dichlorobenzene	ND		0.00212	0.00127	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
1,4-Dichlorobenzene	ND		0.00212	0.00117	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Dichlorodifluoromethane	ND		0.00212	0.00149	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
1,2-Dichloroethane	ND		0.00212	0.00117	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
1,1-Dichloroethane	ND		0.00212	0.00138	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
1,1-Dichloroethene	ND		0.00212	0.00127	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
trans-1,2-Dichloroethene	ND		0.00212	0.00138	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
cis-1,2-Dichloroethene	ND		0.00212	0.00117	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
1,2-Dichloropropane	ND		0.00212	0.00106	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
trans-1,3-Dichloropropene	ND		0.00212	0.00106	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
cis-1,3-Dichloropropene	ND		0.00212	0.00106	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Ethylbenzene	ND		0.00212	0.00117	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
2-Hexanone	ND		0.0530	0.0265	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Isopropylbenzene	ND		0.00212	0.00117	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Methyl Acetate	ND		0.0106	0.00530	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Methylcyclohexane	ND		0.0106	0.00530	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Methyl tert-Butyl Ether	ND		0.00212	0.00106	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Methylene Chloride	ND		0.0106	0.00530	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
4-Methyl-2-pentanone	ND		0.0530	0.0265	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
n-Propylbenzene	ND		0.00212	0.00117	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Styrene	ND		0.00212	0.00117	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
1,1,2,2-Tetrachloroethane	ND		0.00212	0.00106	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Tetrachloroethene	ND		0.00212	0.00138	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Tetrahydrofuran	ND		0.0212	0.0106	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Toluene	ND		0.00212	0.00117	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
1,2,4-Trichlorobenzene	ND		0.00212	0.00127	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
1,1,1-Trichloroethane	ND		0.00212	0.00106	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
1,1,2-Trichloroethane	ND		0.00530	0.00265	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Trichloroethene	ND		0.00212	0.00106	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Trichlorofluoromethane	ND		0.00212	0.00106	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Vinyl chloride	ND		0.00212	0.00106	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
Xylenes, total	ND		0.00530	0.00265	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00212	0.00117	mg/kg dry	☼	04/04/12 12:06	04/11/12 23:33	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-21-SO-040412-10

Lab Sample ID: NWD0424-08

Date Collected: 04/04/12 12:06

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 73.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	103		70 - 130	04/04/12 12:06	04/11/12 23:33	1.00
Dibromofluoromethane	100		70 - 130	04/04/12 12:06	04/11/12 23:33	1.00
Toluene-d8	99		70 - 130	04/04/12 12:06	04/11/12 23:33	1.00
4-Bromofluorobenzene	95		70 - 130	04/04/12 12:06	04/11/12 23:33	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0890	0.0452	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Acenaphthylene	ND		0.0890	0.0452	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Acetophenone	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Anthracene	ND		0.0890	0.0452	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Atrazine	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Benzaldehyde	ND	L2	2.22	1.11	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Benzo (a) anthracene	ND		0.0890	0.0452	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Benzo (b) fluoranthene	ND		0.0890	0.0452	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Benzo (a) pyrene	ND		0.0890	0.0452	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Benzo (g,h,i) perylene	ND		0.0890	0.0452	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Benzo (k) fluoranthene	ND		0.0890	0.0452	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Biphenyl	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
4-Bromophenyl phenyl ether	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Butyl benzyl phthalate	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
4-Chloro-3-methylphenol	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
4-Chloroaniline	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Caprolactam	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Carbazole	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
2-Chloronaphthalene	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Bis(2-chloroethoxy)methane	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Bis(2-chloroethyl)ether	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Bis(2-chloroisopropyl)ether	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
2-Chlorophenol	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
4-Chlorophenyl phenyl ether	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Chrysene	ND		0.0890	0.0452	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Dibenz (a,h) anthracene	ND		0.0890	0.0452	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Dibenzofuran	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Di-n-butyl phthalate	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
3,3-Dichlorobenzidine	ND		0.886	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
2,4-Dichlorophenol	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Diethyl phthalate	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
2,4-Dimethylphenol	ND		0.442	0.255	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Dimethyl phthalate	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
4,6-Dinitro-2-methylphenol	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
2,4-Dinitrophenol	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
2,6-Dinitrotoluene	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
2,4-Dinitrotoluene	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Di-n-octyl phthalate	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Bis(2-ethylhexyl)phthalate	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Fluoranthene	ND		0.0890	0.0452	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Fluorene	ND		0.0890	0.0452	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Hexachlorobenzene	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Hexachlorobutadiene	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Hexachlorocyclopentadiene	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Hexachloroethane	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-21-SO-040412-10

Lab Sample ID: NWD0424-08

Date Collected: 04/04/12 12:06

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 73.2

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		0.0890	0.0452	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Isophorone	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
2-Methylnaphthalene	ND		0.0890	0.0452	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
2-Methylphenol	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Naphthalene	ND		0.0890	0.0452	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
2-Nitroaniline	ND		1.11	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
3-Nitroaniline	ND		1.11	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
4-Nitroaniline	ND		1.11	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Nitrobenzene	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
2-Nitrophenol	ND		0.442	0.260	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
4-Nitrophenol	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
N-Nitrosodiphenylamine	ND		0.442	0.243	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
N-Nitrosodi-n-propylamine	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Pentachlorophenol	ND		1.11	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Phenanthrene	ND		0.0890	0.0452	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Phenol	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
Pyrene	ND		0.0890	0.0452	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
2,4,5-Trichlorophenol	ND		1.11	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00
2,4,6-Trichlorophenol	ND		0.442	0.222	mg/kg dry	☼	04/07/12 07:05	04/08/12 17:53	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	58		17 - 120	04/07/12 07:05	04/08/12 17:53	1.00
Phenol-d5	60		18 - 120	04/07/12 07:05	04/08/12 17:53	1.00
2-Fluorobiphenyl	67		14 - 120	04/07/12 07:05	04/08/12 17:53	1.00
Nitrobenzene-d5	63		17 - 120	04/07/12 07:05	04/08/12 17:53	1.00
Terphenyl-d14	88		18 - 120	04/07/12 07:05	04/08/12 17:53	1.00
2,4,6-Tribromophenol	61		19 - 120	04/07/12 07:05	04/08/12 17:53	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		17.3	8.66	mg/kg dry	☼	04/06/12 16:30	04/06/12 22:34	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	80		60 - 140	04/06/12 16:30	04/06/12 22:34	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0450	0.0284	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:30	1.00
PCB-1221	ND		0.0450	0.0230	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:30	1.00
PCB-1232	ND		0.0450	0.0230	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:30	1.00
PCB-1242	ND		0.0450	0.0351	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:30	1.00
PCB-1248	ND		0.0450	0.0405	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:30	1.00
PCB-1254	ND		0.0450	0.0230	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:30	1.00
PCB-1260	ND		0.0450	0.0378	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:30	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	80		19 - 147	04/06/12 11:00	04/10/12 15:30	1.00
Decachlorobiphenyl	94		20 - 150	04/06/12 11:00	04/10/12 15:30	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		13.1	1.01	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:16	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-21-SO-040412-10

Lab Sample ID: NWD0424-08

Date Collected: 04/04/12 12:06

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 73.2

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10.8		1.31	0.653	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:16	1.00
Barium	217		2.61	0.784	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:16	1.00
Beryllium	1.12	J	1.31	0.653	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:16	1.00
Cadmium	0.967	J	1.31	0.0784	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:16	1.00
Chromium	14.3		1.31	0.653	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:16	1.00
Cobalt	10.2		3.92	0.327	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:16	1.00
Copper	14.0		2.61	1.70	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:16	1.00
Lead	22.4		1.31	0.653	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:16	1.00
Manganese	609		3.92	3.27	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:16	1.00
Nickel	46.8		2.61	0.327	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:16	1.00
Selenium	ND		2.61	1.31	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:16	1.00
Silver	ND		1.31	0.261	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:16	1.00
Thallium	ND		2.61	0.522	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:16	1.00
Vanadium	20.4		13.1	2.91	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:16	1.00
Zinc	48.6		13.1	6.53	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:16	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.067	mg/kg dry	☼	04/09/12 10:55	04/09/12 14:20	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.73	1.37	mg/kg dry	☼	04/11/12 14:15	04/12/12 10:24	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.73	1.37	mg/kg dry	☼	04/11/12 13:10	04/12/12 09:55	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	73.2		0.500	0.500	%	—	04/09/12 11:10	04/10/12 11:34	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-22-SS-040412-00

Lab Sample ID: NWD0424-09

Date Collected: 04/04/12 13:22

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 82.2

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0483	0.0241	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Benzene	ND		0.00193	0.00106	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Bromochloromethane	ND		0.00193	0.00116	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Bromodichloromethane	ND		0.00193	0.000966	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Bromoform	ND		0.00193	0.000966	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Bromomethane	ND		0.00193	0.00116	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
2-Butanone	ND		0.0483	0.0241	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Carbon disulfide	ND		0.00483	0.00348	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Carbon Tetrachloride	ND		0.00193	0.000966	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Chlorobenzene	ND		0.00193	0.00106	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Chlorodibromomethane	ND		0.00193	0.000966	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Chloroethane	ND		0.00483	0.00241	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Chloroform	ND		0.00193	0.00126	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Chloromethane	ND		0.00193	0.00106	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Cyclohexane	ND		0.00966	0.00483	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
1,2-Dibromo-3-chloropropane	ND		0.00483	0.00241	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
1,2-Dibromoethane (EDB)	ND		0.00193	0.000966	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
1,2-Dichlorobenzene	ND		0.00193	0.000966	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
1,3-Dichlorobenzene	ND		0.00193	0.00116	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
1,4-Dichlorobenzene	ND		0.00193	0.00106	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Dichlorodifluoromethane	ND		0.00193	0.00135	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
1,2-Dichloroethane	ND		0.00193	0.00106	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
1,1-Dichloroethane	ND		0.00193	0.00126	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
1,1-Dichloroethene	ND		0.00193	0.00116	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
trans-1,2-Dichloroethene	ND		0.00193	0.00126	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
cis-1,2-Dichloroethene	ND		0.00193	0.00106	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
1,2-Dichloropropane	ND		0.00193	0.000966	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
trans-1,3-Dichloropropene	ND		0.00193	0.000966	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
cis-1,3-Dichloropropene	ND		0.00193	0.000966	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Ethylbenzene	ND		0.00193	0.00106	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
2-Hexanone	ND		0.0483	0.0241	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Isopropylbenzene	ND		0.00193	0.00106	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Methyl Acetate	ND		0.00966	0.00483	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Methylcyclohexane	ND		0.00966	0.00483	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Methyl tert-Butyl Ether	ND		0.00193	0.000966	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Methylene Chloride	ND		0.00966	0.00483	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
4-Methyl-2-pentanone	ND		0.0483	0.0241	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
n-Propylbenzene	ND		0.00193	0.00106	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Styrene	ND		0.00193	0.00106	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
1,1,2,2-Tetrachloroethane	ND		0.00193	0.000966	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Tetrachloroethene	ND		0.00193	0.00126	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Tetrahydrofuran	ND		0.0193	0.00966	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Toluene	ND		0.00193	0.00106	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
1,2,4-Trichlorobenzene	ND		0.00193	0.00116	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
1,1,1-Trichloroethane	ND		0.00193	0.000966	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
1,1,2-Trichloroethane	ND		0.00483	0.00241	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Trichloroethene	ND		0.00193	0.000966	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Trichlorofluoromethane	ND		0.00193	0.000966	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Vinyl chloride	ND		0.00193	0.000966	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
Xylenes, total	ND		0.00483	0.00241	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00193	0.00106	mg/kg dry	☼	04/04/12 13:22	04/12/12 00:01	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-22-SS-040412-00

Lab Sample ID: NWD0424-09

Date Collected: 04/04/12 13:22

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 82.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	101		70 - 130	04/04/12 13:22	04/12/12 00:01	1.00
Dibromofluoromethane	99		70 - 130	04/04/12 13:22	04/12/12 00:01	1.00
Toluene-d8	99		70 - 130	04/04/12 13:22	04/12/12 00:01	1.00
4-Bromofluorobenzene	95		70 - 130	04/04/12 13:22	04/12/12 00:01	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0796	0.0404	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Acenaphthylene	ND		0.0796	0.0404	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Acetophenone	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Anthracene	ND		0.0796	0.0404	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Atrazine	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Benzaldehyde	ND	L2	1.99	0.993	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Benzo (a) anthracene	ND		0.0796	0.0404	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Benzo (b) fluoranthene	ND		0.0796	0.0404	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Benzo (a) pyrene	ND		0.0796	0.0404	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Benzo (g,h,i) perylene	ND		0.0796	0.0404	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Benzo (k) fluoranthene	ND		0.0796	0.0404	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Biphenyl	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
4-Bromophenyl phenyl ether	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Butyl benzyl phthalate	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
4-Chloro-3-methylphenol	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
4-Chloroaniline	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Caprolactam	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Carbazole	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
2-Chloronaphthalene	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Bis(2-chloroethoxy)methane	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Bis(2-chloroethyl)ether	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Bis(2-chloroisopropyl)ether	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
2-Chlorophenol	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
4-Chlorophenyl phenyl ether	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Chrysene	ND		0.0796	0.0404	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Dibenz (a,h) anthracene	ND		0.0796	0.0404	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Dibenzofuran	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Di-n-butyl phthalate	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
3,3-Dichlorobenzidine	ND		0.793	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
2,4-Dichlorophenol	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Diethyl phthalate	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
2,4-Dimethylphenol	ND		0.396	0.228	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Dimethyl phthalate	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
4,6-Dinitro-2-methylphenol	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
2,4-Dinitrophenol	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
2,6-Dinitrotoluene	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
2,4-Dinitrotoluene	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Di-n-octyl phthalate	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Bis(2-ethylhexyl)phthalate	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Fluoranthene	ND		0.0796	0.0404	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Fluorene	ND		0.0796	0.0404	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Hexachlorobenzene	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Hexachlorobutadiene	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Hexachlorocyclopentadiene	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Hexachloroethane	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-22-SS-040412-00

Lab Sample ID: NWD0424-09

Date Collected: 04/04/12 13:22

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 82.2

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		0.0796	0.0404	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Isophorone	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
2-Methylnaphthalene	ND		0.0796	0.0404	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
2-Methylphenol	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Naphthalene	ND		0.0796	0.0404	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
2-Nitroaniline	ND		0.990	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
3-Nitroaniline	ND		0.990	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
4-Nitroaniline	ND		0.990	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Nitrobenzene	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
2-Nitrophenol	ND		0.396	0.233	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
4-Nitrophenol	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
N-Nitrosodiphenylamine	ND		0.396	0.218	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
N-Nitrosodi-n-propylamine	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Pentachlorophenol	ND		0.990	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Phenanthrene	ND		0.0796	0.0404	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Phenol	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
Pyrene	ND		0.0796	0.0404	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
2,4,5-Trichlorophenol	ND		0.990	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00
2,4,6-Trichlorophenol	ND		0.396	0.199	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:11	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	64		17 - 120	04/07/12 07:05	04/08/12 18:11	1.00
Phenol-d5	66		18 - 120	04/07/12 07:05	04/08/12 18:11	1.00
2-Fluorobiphenyl	77		14 - 120	04/07/12 07:05	04/08/12 18:11	1.00
Nitrobenzene-d5	68		17 - 120	04/07/12 07:05	04/08/12 18:11	1.00
Terphenyl-d14	99		18 - 120	04/07/12 07:05	04/08/12 18:11	1.00
2,4,6-Tribromophenol	71		19 - 120	04/07/12 07:05	04/08/12 18:11	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		14.3	7.17	mg/kg dry	☼	04/06/12 16:30	04/06/12 22:50	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	76		60 - 140	04/06/12 16:30	04/06/12 22:50	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0404	0.0255	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:49	1.00
PCB-1221	ND		0.0404	0.0206	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:49	1.00
PCB-1232	ND		0.0404	0.0206	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:49	1.00
PCB-1242	ND		0.0404	0.0315	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:49	1.00
PCB-1248	ND		0.0404	0.0364	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:49	1.00
PCB-1254	ND		0.0404	0.0206	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:49	1.00
PCB-1260	ND		0.0404	0.0340	mg/kg dry	☼	04/06/12 11:00	04/10/12 15:49	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	96		19 - 147	04/06/12 11:00	04/10/12 15:49	1.00
Decachlorobiphenyl	106		20 - 150	04/06/12 11:00	04/10/12 15:49	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.8	0.911	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:20	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-22-SS-040412-00

Lab Sample ID: NWD0424-09

Date Collected: 04/04/12 13:22

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 82.2

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.87		1.18	0.592	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:20	1.00
Barium	190		2.37	0.710	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:20	1.00
Beryllium	0.852	J	1.18	0.592	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:20	1.00
Cadmium	0.663	J	1.18	0.0710	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:20	1.00
Chromium	16.8		1.18	0.592	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:20	1.00
Cobalt	11.0		3.55	0.296	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:20	1.00
Copper	14.9		2.37	1.54	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:20	1.00
Lead	17.8		1.18	0.592	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:20	1.00
Manganese	479		3.55	2.96	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:20	1.00
Nickel	23.5		2.37	0.296	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:20	1.00
Selenium	ND		2.37	1.18	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:20	1.00
Silver	ND		1.18	0.237	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:20	1.00
Thallium	ND		2.37	0.473	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:20	1.00
Vanadium	31.7		11.8	2.64	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:20	1.00
Zinc	55.5		11.8	5.92	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:20	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.059	mg/kg dry	☼	04/09/12 10:55	04/09/12 14:22	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.43	1.22	mg/kg dry	☼	04/11/12 14:15	04/12/12 10:24	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.43	1.22	mg/kg dry	☼	04/11/12 13:10	04/12/12 09:56	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	82.2		0.500	0.500	%	—	04/09/12 11:10	04/10/12 11:34	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-22-SO-040412-11

Lab Sample ID: NWD0424-10

Date Collected: 04/04/12 14:10

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 81

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0517		0.0498	0.0249	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Benzene	0.00338		0.00199	0.00110	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Bromochloromethane	ND		0.00199	0.00120	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Bromodichloromethane	ND		0.00199	0.000996	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Bromoform	ND		0.00199	0.000996	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Bromomethane	ND		0.00199	0.00120	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
2-Butanone	ND		0.0498	0.0249	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Carbon disulfide	ND		0.00498	0.00359	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Carbon Tetrachloride	ND		0.00199	0.000996	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Chlorobenzene	ND		0.00199	0.00110	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Chlorodibromomethane	ND		0.00199	0.000996	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Chloroethane	ND		0.00498	0.00249	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Chloroform	ND		0.00199	0.00129	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Chloromethane	ND		0.00199	0.00110	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Cyclohexane	0.122		0.00996	0.00498	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
1,2-Dibromo-3-chloropropane	ND		0.00498	0.00249	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
1,2-Dibromoethane (EDB)	ND		0.00199	0.000996	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
1,2-Dichlorobenzene	ND		0.00199	0.000996	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
1,3-Dichlorobenzene	ND		0.00199	0.00120	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
1,4-Dichlorobenzene	ND		0.00199	0.00110	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Dichlorodifluoromethane	ND		0.00199	0.00139	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
1,2-Dichloroethane	ND		0.00199	0.00110	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
1,1-Dichloroethane	ND		0.00199	0.00129	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
1,1-Dichloroethene	ND		0.00199	0.00120	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
trans-1,2-Dichloroethene	ND		0.00199	0.00129	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
cis-1,2-Dichloroethene	ND		0.00199	0.00110	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
1,2-Dichloropropane	ND		0.00199	0.000996	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
trans-1,3-Dichloropropene	ND		0.00199	0.000996	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
cis-1,3-Dichloropropene	ND		0.00199	0.000996	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Ethylbenzene	0.00754		0.00199	0.00110	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
2-Hexanone	ND		0.0498	0.0249	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Isopropylbenzene	0.0881		0.00199	0.00110	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Methyl Acetate	ND		0.00996	0.00498	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Methylcyclohexane	0.443	E	0.00996	0.00498	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Methyl tert-Butyl Ether	ND		0.00199	0.000996	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Methylene Chloride	ND		0.00996	0.00498	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
4-Methyl-2-pentanone	ND		0.0498	0.0249	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
n-Propylbenzene	0.129		0.00199	0.00110	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Styrene	ND		0.00199	0.00110	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
1,1,2,2-Tetrachloroethane	ND		0.00199	0.000996	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Tetrachloroethene	ND		0.00199	0.00129	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Tetrahydrofuran	ND		0.0199	0.00996	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Toluene	ND		0.00199	0.00110	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
1,2,4-Trichlorobenzene	ND		0.00199	0.00120	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
1,1,1-Trichloroethane	ND		0.00199	0.000996	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
1,1,2-Trichloroethane	ND		0.00498	0.00249	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Trichloroethene	ND		0.00199	0.000996	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Trichlorofluoromethane	ND		0.00199	0.000996	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Vinyl chloride	ND		0.00199	0.000996	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
Xylenes, total	0.00926		0.00498	0.00249	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00199	0.00110	mg/kg dry	☼	04/04/12 14:10	04/12/12 00:30	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-22-SO-040412-11

Lab Sample ID: NWD0424-10

Date Collected: 04/04/12 14:10

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 81

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	111		70 - 130	04/04/12 14:10	04/12/12 00:30	1.00
Dibromofluoromethane	100		70 - 130	04/04/12 14:10	04/12/12 00:30	1.00
Toluene-d8	99		70 - 130	04/04/12 14:10	04/12/12 00:30	1.00
4-Bromofluorobenzene	133	ZX	70 - 130	04/04/12 14:10	04/12/12 00:30	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0809	0.0410	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Acenaphthylene	ND		0.0809	0.0410	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Acetophenone	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Anthracene	ND		0.0809	0.0410	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Atrazine	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Benzaldehyde	ND	L2	2.02	1.01	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Benzo (a) anthracene	ND		0.0809	0.0410	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Benzo (b) fluoranthene	ND		0.0809	0.0410	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Benzo (a) pyrene	ND		0.0809	0.0410	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Benzo (g,h,i) perylene	ND		0.0809	0.0410	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Benzo (k) fluoranthene	ND		0.0809	0.0410	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Biphenyl	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
4-Bromophenyl phenyl ether	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Butyl benzyl phthalate	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
4-Chloro-3-methylphenol	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
4-Chloroaniline	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Caprolactam	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Carbazole	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
2-Chloronaphthalene	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Bis(2-chloroethoxy)methane	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Bis(2-chloroethyl)ether	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Bis(2-chloroisopropyl)ether	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
2-Chlorophenol	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
4-Chlorophenyl phenyl ether	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Chrysene	ND		0.0809	0.0410	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Dibenz (a,h) anthracene	ND		0.0809	0.0410	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Dibenzofuran	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Di-n-butyl phthalate	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
3,3-Dichlorobenzidine	ND		0.805	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
2,4-Dichlorophenol	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Diethyl phthalate	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
2,4-Dimethylphenol	ND		0.402	0.232	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Dimethyl phthalate	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
4,6-Dinitro-2-methylphenol	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
2,4-Dinitrophenol	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
2,6-Dinitrotoluene	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
2,4-Dinitrotoluene	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Di-n-octyl phthalate	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Bis(2-ethylhexyl)phthalate	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Fluoranthene	0.0479	J	0.0809	0.0410	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Fluorene	ND		0.0809	0.0410	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Hexachlorobenzene	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Hexachlorobutadiene	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Hexachlorocyclopentadiene	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00
Hexachloroethane	ND		0.402	0.202	mg/kg dry	☆	04/07/12 07:05	04/08/12 18:30	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-22-SO-040412-11

Lab Sample ID: NWD0424-10

Date Collected: 04/04/12 14:10

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 81

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		0.0809	0.0410	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:30	1.00
Isophorone	ND		0.402	0.202	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:30	1.00
2-Methylnaphthalene	ND		0.0809	0.0410	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:30	1.00
2-Methylphenol	ND		0.402	0.202	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:30	1.00
Naphthalene	ND		0.0809	0.0410	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:30	1.00
2-Nitroaniline	ND		1.01	0.202	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:30	1.00
3-Nitroaniline	ND		1.01	0.202	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:30	1.00
4-Nitroaniline	ND		1.01	0.202	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:30	1.00
Nitrobenzene	ND		0.402	0.202	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:30	1.00
2-Nitrophenol	ND		0.402	0.237	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:30	1.00
4-Nitrophenol	ND		0.402	0.202	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:30	1.00
N-Nitrosodiphenylamine	ND		0.402	0.221	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:30	1.00
N-Nitrosodi-n-propylamine	ND		0.402	0.202	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:30	1.00
Pentachlorophenol	ND		1.01	0.202	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:30	1.00
Phenanthrene	ND		0.0809	0.0410	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:30	1.00
Phenol	ND		0.402	0.202	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:30	1.00
Pyrene	ND		0.0809	0.0410	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:30	1.00
2,4,5-Trichlorophenol	ND		1.01	0.202	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:30	1.00
2,4,6-Trichlorophenol	ND		0.402	0.202	mg/kg dry	☼	04/07/12 07:05	04/08/12 18:30	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	54		17 - 120	04/07/12 07:05	04/08/12 18:30	1.00
Phenol-d5	54		18 - 120	04/07/12 07:05	04/08/12 18:30	1.00
2-Fluorobiphenyl	61		14 - 120	04/07/12 07:05	04/08/12 18:30	1.00
Nitrobenzene-d5	55		17 - 120	04/07/12 07:05	04/08/12 18:30	1.00
Terphenyl-d14	82		18 - 120	04/07/12 07:05	04/08/12 18:30	1.00
2,4,6-Tribromophenol	62		19 - 120	04/07/12 07:05	04/08/12 18:30	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		14.7	7.35	mg/kg dry	☼	04/06/12 16:30	04/06/12 23:05	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	85		60 - 140	04/06/12 16:30	04/06/12 23:05	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0399	0.0252	mg/kg dry	☼	04/06/12 11:00	04/12/12 10:57	1.00
PCB-1221	ND		0.0399	0.0204	mg/kg dry	☼	04/06/12 11:00	04/12/12 10:57	1.00
PCB-1232	ND		0.0399	0.0204	mg/kg dry	☼	04/06/12 11:00	04/12/12 10:57	1.00
PCB-1242	ND		0.0399	0.0312	mg/kg dry	☼	04/06/12 11:00	04/12/12 10:57	1.00
PCB-1248	0.0515		0.0399	0.0360	mg/kg dry	☼	04/06/12 11:00	04/12/12 10:57	1.00
PCB-1254	ND		0.0399	0.0204	mg/kg dry	☼	04/06/12 11:00	04/12/12 10:57	1.00
PCB-1260	ND		0.0399	0.0336	mg/kg dry	☼	04/06/12 11:00	04/12/12 10:57	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	96		19 - 147	04/06/12 11:00	04/12/12 10:57	1.00
Decachlorobiphenyl	96		20 - 150	04/06/12 11:00	04/12/12 10:57	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	36.7		12.0	0.923	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:23	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-22-SO-040412-11

Lab Sample ID: NWD0424-10

Date Collected: 04/04/12 14:10

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 81

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16.6		1.20	0.599	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:23	1.00
Barium	190		2.40	0.719	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:23	1.00
Beryllium	0.791	J	1.20	0.599	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:23	1.00
Cadmium	0.719	J	1.20	0.0719	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:23	1.00
Chromium	17.5		1.20	0.599	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:23	1.00
Cobalt	11.3		3.60	0.300	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:23	1.00
Copper	20.9		2.40	1.56	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:23	1.00
Lead	702		1.20	0.599	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:23	1.00
Manganese	583		3.60	3.00	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:23	1.00
Nickel	25.4		2.40	0.300	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:23	1.00
Selenium	1.41	J	2.40	1.20	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:23	1.00
Silver	ND		1.20	0.240	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:23	1.00
Thallium	0.528	J	2.40	0.480	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:23	1.00
Vanadium	27.5		12.0	2.67	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:23	1.00
Zinc	71.2		12.0	5.99	mg/kg dry	☼	04/11/12 11:03	04/12/12 18:23	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10	J	0.12	0.062	mg/kg dry	☼	04/09/12 10:55	04/09/12 14:24	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.47	1.23	mg/kg dry	☼	04/11/12 14:15	04/12/12 10:24	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.47	1.23	mg/kg dry	☼	04/11/12 13:10	04/12/12 09:56	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	81.0		0.500	0.500	%	—	04/09/12 11:10	04/10/12 11:34	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: Trip Blank

Lab Sample ID: NWD0424-11

Date Collected: 04/04/12 00:01

Matrix: Water

Date Received: 04/05/12 08:00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Benzene	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Bromoform	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Chloroform	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Styrene	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Tetrahydrofuran	ND L		20.0	10.0	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Toluene	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/05/12 14:42	04/05/12 19:48	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/05/12 14:42	04/05/12 19:48	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: Trip Blank

Lab Sample ID: NWD0424-11

Date Collected: 04/04/12 00:01

Matrix: Water

Date Received: 04/05/12 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	92		70 - 130	04/05/12 14:42	04/05/12 19:48	1.00
Dibromofluoromethane	108		70 - 130	04/05/12 14:42	04/05/12 19:48	1.00
Toluene-d8	98		70 - 130	04/05/12 14:42	04/05/12 19:48	1.00
4-Bromofluorobenzene	87		70 - 130	04/05/12 14:42	04/05/12 19:48	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 12C6281-BLK1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C6281_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Benzene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Bromoform	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Chloroform	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Styrene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Toluene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,2,4-Trichlorobenzene	0.580	J	1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C6281-BLK1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12C6281_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, total	ND		3.00	1.50	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/04/12 14:29	04/05/12 19:20	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	87		70 - 130				04/04/12 14:29	04/05/12 19:20	1.00
Dibromofluoromethane	99		70 - 130				04/04/12 14:29	04/05/12 19:20	1.00
Toluene-d8	103		70 - 130				04/04/12 14:29	04/05/12 19:20	1.00
4-Bromofluorobenzene	92		70 - 130				04/04/12 14:29	04/05/12 19:20	1.00

Lab Sample ID: 12C6281-BS1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C6281_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	419	L1	ug/L		168	54 - 145
Benzene	50.0	50.8		ug/L		102	80 - 121
Bromochloromethane	50.0	61.0		ug/L		122	78 - 129
Bromodichloromethane	50.0	45.1		ug/L		90	75 - 129
Bromoform	50.0	40.6		ug/L		81	46 - 145
Bromomethane	50.0	45.0		ug/L		90	41 - 150
2-Butanone	250	312		ug/L		125	62 - 133
Carbon disulfide	50.0	49.6		ug/L		99	77 - 126
Carbon Tetrachloride	50.0	50.0		ug/L		100	64 - 147
Chlorobenzene	50.0	49.7		ug/L		99	80 - 120
Chlorodibromomethane	50.0	48.7		ug/L		97	69 - 133
Chloroethane	50.0	45.3		ug/L		91	72 - 120
Chloroform	50.0	56.3		ug/L		113	73 - 129
Chloromethane	50.0	44.6		ug/L		89	12 - 150
Cyclohexane	50.0	48.4		ug/L		97	73 - 122
1,2-Dibromo-3-chloropropane	50.0	42.4		ug/L		85	54 - 125
1,2-Dibromoethane (EDB)	50.0	51.5		ug/L		103	80 - 129
1,2-Dichlorobenzene	50.0	50.9		ug/L		102	80 - 121
1,3-Dichlorobenzene	50.0	49.1		ug/L		98	80 - 122
1,4-Dichlorobenzene	50.0	49.7		ug/L		99	80 - 120
Dichlorodifluoromethane	50.0	40.5		ug/L		81	37 - 127
1,2-Dichloroethane	50.0	44.5		ug/L		89	77 - 121
1,1-Dichloroethane	50.0	52.7		ug/L		105	78 - 125
1,1-Dichloroethene	50.0	58.4		ug/L		117	79 - 124
trans-1,2-Dichloroethene	50.0	52.2		ug/L		104	79 - 126
cis-1,2-Dichloroethene	50.0	51.4		ug/L		103	76 - 125
1,2-Dichloropropane	50.0	46.9		ug/L		94	75 - 120
trans-1,3-Dichloropropene	50.0	44.0		ug/L		88	63 - 134
cis-1,3-Dichloropropene	50.0	48.9		ug/L		98	74 - 140
Ethylbenzene	50.0	46.9		ug/L		94	80 - 130
2-Hexanone	250	256		ug/L		103	60 - 142
Isopropylbenzene	50.0	49.3		ug/L		99	80 - 141
Methyl Acetate	50.0	37.0		ug/L		74	64 - 150
Methylcyclohexane	50.0	48.0		ug/L		96	71 - 129
Methyl tert-Butyl Ether	50.0	48.1		ug/L		96	72 - 133

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C6281-BS1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12C6281_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	50.0	61.1		ug/L		122	79 - 123
4-Methyl-2-pentanone	250	246		ug/L		98	60 - 137
n-Propylbenzene	50.0	46.7		ug/L		93	75 - 129
Styrene	50.0	46.4		ug/L		93	80 - 127
1,1,2,2-Tetrachloroethane	50.0	44.5		ug/L		89	69 - 131
Tetrachloroethene	50.0	55.1		ug/L		110	80 - 126
Tetrahydrofuran	500	726	L1	ug/L		145	51 - 124
Toluene	50.0	48.9		ug/L		98	80 - 126
1,2,4-Trichlorobenzene	50.0	52.0	B	ug/L		104	63 - 133
1,1,1-Trichloroethane	50.0	49.4		ug/L		99	78 - 135
1,1,2-Trichloroethane	50.0	51.6		ug/L		103	80 - 124
Trichloroethene	50.0	56.7		ug/L		113	80 - 123
Trichlorofluoromethane	50.0	42.4		ug/L		85	65 - 124
Vinyl chloride	50.0	52.4		ug/L		105	68 - 120
Xylenes, total	150	135		ug/L		90	80 - 132
1,1,2-Trifluorotrichloroethane	50.0	53.2		ug/L		106	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	82		70 - 130
Dibromofluoromethane	104		70 - 130
Toluene-d8	101		70 - 130
4-Bromofluorobenzene	91		70 - 130

Lab Sample ID: 12C6281-BSD1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12C6281_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Acetone	250	410	L1	ug/L		164	54 - 145	2	21
Benzene	50.0	50.2		ug/L		100	80 - 121	1	17
Bromochloromethane	50.0	61.1		ug/L		122	78 - 129	0.03	17
Bromodichloromethane	50.0	44.7		ug/L		89	75 - 129	0.9	18
Bromoform	50.0	41.1		ug/L		82	46 - 145	1	16
Bromomethane	50.0	45.2		ug/L		90	41 - 150	0.3	50
2-Butanone	250	305		ug/L		122	62 - 133	2	19
Carbon disulfide	50.0	49.4		ug/L		99	77 - 126	0.5	21
Carbon Tetrachloride	50.0	49.6		ug/L		99	64 - 147	0.9	19
Chlorobenzene	50.0	49.7		ug/L		99	80 - 120	0.04	14
Chlorodibromomethane	50.0	49.2		ug/L		98	69 - 133	1	15
Chloroethane	50.0	47.2		ug/L		94	72 - 120	4	20
Chloroform	50.0	56.2		ug/L		112	73 - 129	0.1	18
Chloromethane	50.0	43.2		ug/L		86	12 - 150	3	31
Cyclohexane	50.0	47.9		ug/L		96	73 - 122	1	16
1,2-Dibromo-3-chloropropane	50.0	41.9		ug/L		84	54 - 125	1	24
1,2-Dibromoethane (EDB)	50.0	52.2		ug/L		104	80 - 129	1	15
1,2-Dichlorobenzene	50.0	49.8		ug/L		100	80 - 121	2	15
1,3-Dichlorobenzene	50.0	47.8		ug/L		96	80 - 122	2	15
1,4-Dichlorobenzene	50.0	49.7		ug/L		99	80 - 120	0.1	15
Dichlorodifluoromethane	50.0	40.7		ug/L		81	37 - 127	0.3	18

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C6281-BS1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12C6281_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits			
1,2-Dichloroethane	50.0	43.7		ug/L		87	77 - 121		2	17
1,1-Dichloroethane	50.0	51.5		ug/L		103	78 - 125		2	17
1,1-Dichloroethene	50.0	57.0		ug/L		114	79 - 124		2	17
trans-1,2-Dichloroethene	50.0	52.1		ug/L		104	79 - 126		0.3	16
cis-1,2-Dichloroethene	50.0	50.6		ug/L		101	76 - 125		2	17
1,2-Dichloropropane	50.0	46.9		ug/L		94	75 - 120		0.1	17
trans-1,3-Dichloropropene	50.0	44.1		ug/L		88	63 - 134		0.4	14
cis-1,3-Dichloropropene	50.0	48.5		ug/L		97	74 - 140		0.7	15
Ethylbenzene	50.0	46.7		ug/L		93	80 - 130		0.5	15
2-Hexanone	250	259		ug/L		104	60 - 142		1	15
Isopropylbenzene	50.0	49.6		ug/L		99	80 - 141		0.5	16
Methyl Acetate	50.0	37.2		ug/L		74	64 - 150		0.6	31
Methylcyclohexane	50.0	47.5		ug/L		95	71 - 129		0.9	19
Methyl tert-Butyl Ether	50.0	48.0		ug/L		96	72 - 133		0.1	16
Methylene Chloride	50.0	60.9		ug/L		122	79 - 123		0.4	17
4-Methyl-2-pentanone	250	245		ug/L		98	60 - 137		0.2	17
n-Propylbenzene	50.0	45.2		ug/L		90	75 - 129		3	17
Styrene	50.0	46.8		ug/L		94	80 - 127		0.9	24
1,1,2,2-Tetrachloroethane	50.0	43.2		ug/L		86	69 - 131		3	20
Tetrachloroethene	50.0	54.6		ug/L		109	80 - 126		1	16
Tetrahydrofuran	500	734	L1	ug/L		147	51 - 124		1	18
Toluene	50.0	48.4		ug/L		97	80 - 126		0.9	15
1,2,4-Trichlorobenzene	50.0	52.0	B	ug/L		104	63 - 133		0.08	19
1,1,1-Trichloroethane	50.0	49.0		ug/L		98	78 - 135		0.9	17
1,1,2-Trichloroethane	50.0	51.7		ug/L		103	80 - 124		0.3	15
Trichloroethene	50.0	54.8		ug/L		110	80 - 123		3	17
Trichlorofluoromethane	50.0	42.2		ug/L		84	65 - 124		0.4	18
Vinyl chloride	50.0	51.3		ug/L		103	68 - 120		2	17
Xylenes, total	150	134		ug/L		89	80 - 132		0.6	15
1,1,2-Trifluorotrichloroethane	50.0	52.1		ug/L		104	77 - 129		2	18

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
1,2-Dichloroethane-d4	84		70 - 130
Dibromofluoromethane	103		70 - 130
Toluene-d8	100		70 - 130
4-Bromofluorobenzene	90		70 - 130

Lab Sample ID: 12C6281-MS1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12C6281_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec.	
									Limits	
Acetone	ND		250	309		ug/L		123	45 - 141	
Benzene	ND		50.0	54.8		ug/L		110	75 - 133	
Bromochloromethane	ND		50.0	65.2		ug/L		130	67 - 139	
Bromodichloromethane	ND		50.0	49.0		ug/L		98	70 - 140	
Bromoform	ND		50.0	43.9		ug/L		88	42 - 147	
Bromomethane	ND		50.0	48.1		ug/L		96	16 - 163	
2-Butanone	ND		250	277		ug/L		111	50 - 138	

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C6281-MS1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12C6281_P

Analyte	Sample	Sample	Spike	Matrix Spike	Matrix Spike	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Carbon disulfide	ND		50.0	52.8		ug/L		106	48 - 152
Carbon Tetrachloride	ND		50.0	58.4		ug/L		117	62 - 164
Chlorobenzene	ND		50.0	53.6		ug/L		107	80 - 129
Chlorodibromomethane	ND		50.0	52.8		ug/L		106	66 - 140
Chloroethane	ND		50.0	50.6		ug/L		101	58 - 137
Chloroform	1.06		50.0	58.6		ug/L		115	66 - 138
Chloromethane	ND		50.0	40.9		ug/L		82	10 - 169
Cyclohexane	ND		50.0	55.4		ug/L		111	58 - 144
1,2-Dibromo-3-chloropropane	ND		50.0	41.1		ug/L		82	52 - 126
1,2-Dibromoethane (EDB)	ND		50.0	53.3		ug/L		107	75 - 137
1,2-Dichlorobenzene	ND		50.0	51.0		ug/L		102	79 - 128
1,3-Dichlorobenzene	ND		50.0	50.5		ug/L		101	77 - 131
1,4-Dichlorobenzene	ND		50.0	51.1		ug/L		102	78 - 126
Dichlorodifluoromethane	ND		50.0	30.2		ug/L		60	40 - 127
1,2-Dichloroethane	ND		50.0	49.1		ug/L		98	64 - 136
1,1-Dichloroethane	ND		50.0	56.4		ug/L		113	71 - 139
1,1-Dichloroethene	ND		50.0	63.4		ug/L		127	70 - 142
trans-1,2-Dichloroethene	ND		50.0	57.2		ug/L		114	66 - 143
cis-1,2-Dichloroethene	ND		50.0	54.8		ug/L		110	68 - 138
1,2-Dichloropropane	ND		50.0	49.8		ug/L		100	67 - 131
trans-1,3-Dichloropropene	ND		50.0	46.0		ug/L		92	59 - 135
cis-1,3-Dichloropropene	ND		50.0	50.9		ug/L		102	71 - 141
Ethylbenzene	ND		50.0	51.3		ug/L		103	79 - 139
2-Hexanone	ND		250	250		ug/L		100	50 - 150
Isopropylbenzene	ND		50.0	53.7		ug/L		107	80 - 153
Methyl Acetate	ND		50.0	35.4		ug/L		71	30 - 165
Methylcyclohexane	ND		50.0	53.7		ug/L		107	59 - 151
Methyl tert-Butyl Ether	ND		50.0	50.5		ug/L		101	66 - 141
Methylene Chloride	ND		50.0	63.1		ug/L		126	64 - 139
4-Methyl-2-pentanone	ND		250	253		ug/L		101	50 - 147
n-Propylbenzene	ND		50.0	49.3		ug/L		99	69 - 142
Styrene	ND		50.0	50.1		ug/L		100	61 - 148
1,1,1,2-Tetrachloroethane	ND		50.0	46.6		ug/L		93	56 - 143
Tetrachloroethene	0.510		50.0	61.8		ug/L		122	72 - 145
Tetrahydrofuran	ND		500	686		ug/L		137	34 - 133
Toluene	ND		50.0	52.8		ug/L		106	75 - 136
1,2,4-Trichlorobenzene	ND		50.0	47.6	B	ug/L		95	60 - 136
1,1,1-Trichloroethane	ND		50.0	55.4		ug/L		111	76 - 149
1,1,2-Trichloroethane	ND		50.0	54.0		ug/L		108	74 - 134
Trichloroethene	ND		50.0	61.3		ug/L		123	73 - 144
Trichlorofluoromethane	ND		50.0	49.2		ug/L		98	58 - 139
Vinyl chloride	ND		50.0	51.8		ug/L		104	56 - 129
Xylenes, total	ND		150	147		ug/L		98	74 - 141
1,1,2-Trifluorotrichloroethane	ND		50.0	59.2		ug/L		118	72 - 148

Surrogate	Matrix Spike	Matrix Spike	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	89		70 - 130
Dibromofluoromethane	114		70 - 130
Toluene-d8	97		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C6281-MS1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12C6281_P

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
4-Bromofluorobenzene	83		70 - 130

Lab Sample ID: 12C6281-MSD1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12C6281_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		250	307		ug/L		123	45 - 141	0.6	21
Benzene	ND		50.0	53.4		ug/L		107	75 - 133	3	17
Bromochloromethane	ND		50.0	63.5		ug/L		127	67 - 139	3	17
Bromodichloromethane	ND		50.0	47.9		ug/L		96	70 - 140	2	18
Bromoform	ND		50.0	43.8		ug/L		88	42 - 147	0.3	16
Bromomethane	ND		50.0	47.6		ug/L		95	16 - 163	1	50
2-Butanone	ND		250	279		ug/L		111	50 - 138	0.6	19
Carbon disulfide	ND		50.0	52.3		ug/L		105	48 - 152	1	21
Carbon Tetrachloride	ND		50.0	57.1		ug/L		114	62 - 164	2	19
Chlorobenzene	ND		50.0	52.4		ug/L		105	80 - 129	2	14
Chlorodibromomethane	ND		50.0	52.3		ug/L		105	66 - 140	0.9	15
Chloroethane	ND		50.0	49.2		ug/L		98	58 - 137	3	20
Chloroform	1.06		50.0	57.2		ug/L		112	66 - 138	2	18
Chloromethane	ND		50.0	39.7		ug/L		79	10 - 169	3	31
Cyclohexane	ND		50.0	54.7		ug/L		109	58 - 144	1	16
1,2-Dibromo-3-chloropropane	ND		50.0	41.9		ug/L		84	52 - 126	2	24
1,2-Dibromoethane (EDB)	ND		50.0	53.3		ug/L		107	75 - 137	0.08	15
1,2-Dichlorobenzene	ND		50.0	51.4		ug/L		103	79 - 128	0.7	15
1,3-Dichlorobenzene	ND		50.0	50.8		ug/L		102	77 - 131	0.7	15
1,4-Dichlorobenzene	ND		50.0	51.4		ug/L		103	78 - 126	0.5	15
Dichlorodifluoromethane	ND		50.0	32.9		ug/L		66	40 - 127	9	18
1,2-Dichloroethane	ND		50.0	47.3		ug/L		95	64 - 136	4	17
1,1-Dichloroethane	ND		50.0	55.2		ug/L		110	71 - 139	2	17
1,1-Dichloroethene	ND		50.0	61.7		ug/L		123	70 - 142	3	17
trans-1,2-Dichloroethene	ND		50.0	55.9		ug/L		112	66 - 143	2	16
cis-1,2-Dichloroethene	ND		50.0	53.5		ug/L		107	68 - 138	2	17
1,2-Dichloropropane	ND		50.0	49.1		ug/L		98	67 - 131	2	17
trans-1,3-Dichloropropene	ND		50.0	45.7		ug/L		91	59 - 135	0.6	14
cis-1,3-Dichloropropene	ND		50.0	50.3		ug/L		101	71 - 141	1	15
Ethylbenzene	ND		50.0	50.1		ug/L		100	79 - 139	2	15
2-Hexanone	ND		250	248		ug/L		99	50 - 150	1	15
Isopropylbenzene	ND		50.0	53.0		ug/L		106	80 - 153	1	16
Methyl Acetate	ND		50.0	34.7		ug/L		69	30 - 165	2	31
Methylcyclohexane	ND		50.0	53.4		ug/L		107	59 - 151	0.5	19
Methyl tert-Butyl Ether	ND		50.0	49.1		ug/L		98	66 - 141	3	16
Methylene Chloride	ND		50.0	61.5		ug/L		123	64 - 139	3	17
4-Methyl-2-pentanone	ND		250	247		ug/L		99	50 - 147	2	17
n-Propylbenzene	ND		50.0	49.4		ug/L		99	69 - 142	0.08	17
Styrene	ND		50.0	49.2		ug/L		98	61 - 148	2	24
1,1,2,2-Tetrachloroethane	ND		50.0	45.5		ug/L		91	56 - 143	2	20
Tetrachloroethene	0.510		50.0	60.4		ug/L		120	72 - 145	2	16
Tetrahydrofuran	ND		500	664		ug/L		133	34 - 133	3	18

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12C6281-MSD1

Matrix: Water

Analysis Batch: V005666

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12C6281_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	ND		50.0	51.8		ug/L		104	75 - 136	2	15
1,2,4-Trichlorobenzene	ND		50.0	51.7	B	ug/L		103	60 - 136	8	19
1,1,1-Trichloroethane	ND		50.0	54.4		ug/L		109	76 - 149	2	17
1,1,2-Trichloroethane	ND		50.0	53.0		ug/L		106	74 - 134	2	15
Trichloroethene	ND		50.0	59.4		ug/L		119	73 - 144	3	17
Trichlorofluoromethane	ND		50.0	47.2		ug/L		94	58 - 139	4	18
Vinyl chloride	ND		50.0	51.2		ug/L		102	56 - 129	1	17
Xylenes, total	ND		150	143		ug/L		95	74 - 141	3	15
1,1,2-Trifluorotrichloroethane	ND		50.0	58.4		ug/L		117	72 - 148	1	18

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits
1,2-Dichloroethane-d4	89		70 - 130
Dibromofluoromethane	113		70 - 130
Toluene-d8	97		70 - 130
4-Bromofluorobenzene	85		70 - 130

Lab Sample ID: 12D0445-BLK1

Matrix: Soil

Analysis Batch: V006022

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0445_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0500	0.0250	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Benzene	ND		0.00200	0.00110	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Bromochloromethane	ND		0.00200	0.00120	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Bromodichloromethane	ND		0.00200	0.00100	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Bromoform	ND		0.00200	0.00100	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Bromomethane	ND		0.00200	0.00120	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
2-Butanone	ND		0.0500	0.0250	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Carbon disulfide	ND		0.00500	0.00360	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Carbon Tetrachloride	ND		0.00200	0.00100	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Chlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Chlorodibromomethane	ND		0.00200	0.00100	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Chloroethane	ND		0.00500	0.00250	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Chloroform	0.00138	J	0.00200	0.00130	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Chloromethane	ND		0.00200	0.00110	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Cyclohexane	ND		0.0100	0.00500	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
1,2-Dibromo-3-chloropropane	ND		0.00500	0.00250	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
1,2-Dibromoethane (EDB)	ND		0.00200	0.00100	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
1,2-Dichlorobenzene	ND		0.00200	0.00100	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
1,3-Dichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
1,4-Dichlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Dichlorodifluoromethane	ND		0.00200	0.00140	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
1,2-Dichloroethane	ND		0.00200	0.00110	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
1,1-Dichloroethane	ND		0.00200	0.00130	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
1,1-Dichloroethene	ND		0.00200	0.00120	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
trans-1,2-Dichloroethene	ND		0.00200	0.00130	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
cis-1,2-Dichloroethene	ND		0.00200	0.00110	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
1,2-Dichloropropane	ND		0.00200	0.00100	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
trans-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D0445-BLK1

Matrix: Soil

Analysis Batch: V006022

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0445_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Ethylbenzene	ND		0.00200	0.00110	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
2-Hexanone	ND		0.0500	0.0250	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Isopropylbenzene	ND		0.00200	0.00110	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Methyl Acetate	ND		0.0100	0.00500	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Methylcyclohexane	ND		0.0100	0.00500	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Methyl tert-Butyl Ether	ND		0.00200	0.00100	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Methylene Chloride	ND		0.0100	0.00500	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
4-Methyl-2-pentanone	ND		0.0500	0.0250	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
n-Propylbenzene	ND		0.00200	0.00110	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Styrene	ND		0.00200	0.00110	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
1,1,2,2-Tetrachloroethane	ND		0.00200	0.00100	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Tetrachloroethene	ND		0.00200	0.00130	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Tetrahydrofuran	ND		0.0200	0.0100	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Toluene	ND		0.00200	0.00110	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
1,2,4-Trichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
1,1,1-Trichloroethane	ND		0.00200	0.00100	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
1,1,2-Trichloroethane	ND		0.00500	0.00250	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Trichloroethene	ND		0.00200	0.00100	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Trichlorofluoromethane	ND		0.00200	0.00100	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Vinyl chloride	ND		0.00200	0.00100	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
Xylenes, total	ND		0.00500	0.00250	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00200	0.00110	mg/kg wet		04/11/12 16:25	04/11/12 18:54	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	100		70 - 130	04/11/12 16:25	04/11/12 18:54	1.00
Dibromofluoromethane	99		70 - 130	04/11/12 16:25	04/11/12 18:54	1.00
Toluene-d8	101		70 - 130	04/11/12 16:25	04/11/12 18:54	1.00
4-Bromofluorobenzene	99		70 - 130	04/11/12 16:25	04/11/12 18:54	1.00

Lab Sample ID: 12D0445-BLK2

Matrix: Soil

Analysis Batch: V006022

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0445_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2.50	1.25	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Benzene	ND		0.100	0.0550	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Bromochloromethane	ND		0.100	0.0600	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Bromodichloromethane	ND		0.100	0.0500	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Bromoform	ND		0.100	0.0500	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Bromomethane	ND		0.100	0.0600	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
2-Butanone	ND		2.50	1.25	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Carbon disulfide	ND		0.250	0.180	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Carbon Tetrachloride	ND		0.100	0.0500	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Chlorobenzene	ND		0.100	0.0550	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Chlorodibromomethane	ND		0.100	0.0500	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Chloroethane	ND		0.250	0.125	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Chloroform	0.0990	J	0.100	0.0650	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Chloromethane	ND		0.100	0.0550	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D0445-BLK2

Matrix: Soil

Analysis Batch: V006022

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0445_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		0.500	0.250	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
1,2-Dibromo-3-chloropropane	ND		0.250	0.125	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
1,2-Dibromoethane (EDB)	ND		0.100	0.0500	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
1,2-Dichlorobenzene	ND		0.100	0.0500	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
1,3-Dichlorobenzene	ND		0.100	0.0600	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
1,4-Dichlorobenzene	ND		0.100	0.0550	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Dichlorodifluoromethane	ND		0.100	0.0700	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
1,2-Dichloroethane	ND		0.100	0.0550	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
1,1-Dichloroethane	ND		0.100	0.0650	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
1,1-Dichloroethene	ND		0.100	0.0600	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
trans-1,2-Dichloroethene	ND		0.100	0.0650	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
cis-1,2-Dichloroethene	ND		0.100	0.0550	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
1,2-Dichloropropane	ND		0.100	0.0500	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
trans-1,3-Dichloropropene	ND		0.100	0.0500	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
cis-1,3-Dichloropropene	ND		0.100	0.0500	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Ethylbenzene	ND		0.100	0.0550	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
2-Hexanone	ND		2.50	1.25	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Isopropylbenzene	ND		0.100	0.0550	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Methyl Acetate	0.458	J	0.500	0.250	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Methylcyclohexane	ND		0.500	0.250	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Methyl tert-Butyl Ether	ND		0.100	0.0500	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Methylene Chloride	ND		0.500	0.250	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
4-Methyl-2-pentanone	ND		2.50	1.25	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
n-Propylbenzene	ND		0.100	0.0550	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Styrene	ND		0.100	0.0550	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
1,1,2,2-Tetrachloroethane	ND		0.100	0.0500	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Tetrachloroethene	ND		0.100	0.0650	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Tetrahydrofuran	ND		1.00	0.500	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Toluene	ND		0.100	0.0550	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
1,2,4-Trichlorobenzene	ND		0.100	0.0600	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
1,1,1-Trichloroethane	ND		0.100	0.0500	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
1,1,2-Trichloroethane	ND		0.250	0.125	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Trichloroethene	ND		0.100	0.0500	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Trichlorofluoromethane	ND		0.100	0.0500	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Vinyl chloride	ND		0.100	0.0500	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
Xylenes, total	ND		0.250	0.125	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0
1,1,2-Trifluorotrichloroethane	ND		0.100	0.0550	mg/kg wet		04/11/12 16:25	04/11/12 19:22	50.0

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	98		70 - 130	04/11/12 16:25	04/11/12 19:22	50.0
Dibromofluoromethane	97		70 - 130	04/11/12 16:25	04/11/12 19:22	50.0
Toluene-d8	101		70 - 130	04/11/12 16:25	04/11/12 19:22	50.0
4-Bromofluorobenzene	96		70 - 130	04/11/12 16:25	04/11/12 19:22	50.0

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D0445-BS1

Matrix: Soil

Analysis Batch: V006022

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0445_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Acetone	250	231		ug/kg		92	51 - 149
Benzene	50.0	50.9		ug/kg		102	75 - 127
Bromochloromethane	50.0	51.2		ug/kg		102	70 - 132
Bromodichloromethane	50.0	51.1		ug/kg		102	68 - 135
Bromoform	50.0	66.2		ug/kg		132	36 - 150
Bromomethane	50.0	50.7		ug/kg		101	43 - 142
2-Butanone	250	243		ug/kg		97	61 - 132
Carbon disulfide	50.0	48.7		ug/kg		97	74 - 135
Carbon Tetrachloride	50.0	51.6		ug/kg		103	70 - 141
Chlorobenzene	50.0	55.2		ug/kg		110	84 - 125
Chlorodibromomethane	50.0	62.6		ug/kg		125	66 - 134
Chloroethane	50.0	50.7		ug/kg		101	53 - 144
Chloroform	50.0	52.0	B	ug/kg		104	76 - 130
Chloromethane	50.0	40.4		ug/kg		81	23 - 150
Cyclohexane	50.0	50.9		ug/kg		102	70 - 133
1,2-Dibromo-3-chloropropane	50.0	60.0		ug/kg		120	49 - 142
1,2-Dibromoethane (EDB)	50.0	56.3		ug/kg		113	80 - 135
1,2-Dichlorobenzene	50.0	57.1		ug/kg		114	80 - 134
1,3-Dichlorobenzene	50.0	57.4		ug/kg		115	79 - 137
1,4-Dichlorobenzene	50.0	56.7		ug/kg		113	77 - 139
Dichlorodifluoromethane	50.0	41.8		ug/kg		84	12 - 144
1,2-Dichloroethane	50.0	49.9		ug/kg		100	65 - 134
1,1-Dichloroethane	50.0	51.8		ug/kg		104	75 - 124
1,1-Dichloroethene	50.0	46.1		ug/kg		92	75 - 131
trans-1,2-Dichloroethene	50.0	49.7		ug/kg		99	76 - 128
cis-1,2-Dichloroethene	50.0	51.4		ug/kg		103	75 - 125
1,2-Dichloropropane	50.0	46.6		ug/kg		93	69 - 120
trans-1,3-Dichloropropene	50.0	56.0		ug/kg		112	62 - 139
cis-1,3-Dichloropropene	50.0	59.7		ug/kg		119	73 - 148
Ethylbenzene	50.0	54.8		ug/kg		110	80 - 134
2-Hexanone	250	278		ug/kg		111	57 - 148
Isopropylbenzene	50.0	60.4		ug/kg		121	80 - 150
Methyl Acetate	50.0	37.6	B	ug/kg		75	11 - 170
Methylcyclohexane	50.0	51.2		ug/kg		102	69 - 140
Methyl tert-Butyl Ether	50.0	51.7		ug/kg		103	70 - 136
Methylene Chloride	50.0	46.7		ug/kg		93	68 - 144
4-Methyl-2-pentanone	250	275		ug/kg		110	59 - 138
n-Propylbenzene	50.0	56.8		ug/kg		114	75 - 137
Styrene	50.0	57.6		ug/kg		115	82 - 137
1,1,2,2-Tetrachloroethane	50.0	59.0		ug/kg		118	66 - 134
Tetrachloroethene	50.0	54.0		ug/kg		108	78 - 140
Tetrahydrofuran	500	516		ug/kg		103	53 - 134
Toluene	50.0	53.0		ug/kg		106	80 - 132
1,2,4-Trichlorobenzene	50.0	60.0		ug/kg		120	62 - 150
1,1,1-Trichloroethane	50.0	51.8		ug/kg		104	72 - 140
1,1,2-Trichloroethane	50.0	56.2		ug/kg		112	78 - 128
Trichloroethene	50.0	48.2		ug/kg		96	77 - 127
Trichlorofluoromethane	50.0	46.5		ug/kg		93	50 - 140
Vinyl chloride	50.0	50.4		ug/kg		101	47 - 136

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D0445-BS1

Matrix: Soil

Analysis Batch: V006022

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D0445_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Xylenes, total	150	163		ug/kg		109	80 - 137
1,1,2-Trifluorotrichloroethane	50.0	51.1		ug/kg		102	67 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	101		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8	102		70 - 130
4-Bromofluorobenzene	99		70 - 130

Lab Sample ID: 12D0445-BSD1

Matrix: Soil

Analysis Batch: V006022

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D0445_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	250	231		ug/kg		92	51 - 149	0.2	50
Benzene	50.0	51.1		ug/kg		102	75 - 127	0.3	50
Bromochloromethane	50.0	51.1		ug/kg		102	70 - 132	0.1	50
Bromodichloromethane	50.0	50.9		ug/kg		102	68 - 135	0.4	50
Bromoform	50.0	65.8		ug/kg		132	36 - 150	0.7	50
Bromomethane	50.0	50.3		ug/kg		101	43 - 142	0.7	50
2-Butanone	250	244		ug/kg		98	61 - 132	0.6	50
Carbon disulfide	50.0	48.8		ug/kg		98	74 - 135	0.2	50
Carbon Tetrachloride	50.0	52.0		ug/kg		104	70 - 141	0.8	50
Chlorobenzene	50.0	55.3		ug/kg		111	84 - 125	0.09	50
Chlorodibromomethane	50.0	63.6		ug/kg		127	66 - 134	2	50
Chloroethane	50.0	49.8		ug/kg		100	53 - 144	2	50
Chloroform	50.0	52.1	B	ug/kg		104	76 - 130	0.2	49
Chloromethane	50.0	39.4		ug/kg		79	23 - 150	3	50
Cyclohexane	50.0	52.0		ug/kg		104	70 - 133	2	50
1,2-Dibromo-3-chloropropane	50.0	59.7		ug/kg		119	49 - 142	0.4	50
1,2-Dibromoethane (EDB)	50.0	56.8		ug/kg		114	80 - 135	0.9	50
1,2-Dichlorobenzene	50.0	57.0		ug/kg		114	80 - 134	0.2	50
1,3-Dichlorobenzene	50.0	56.4		ug/kg		113	79 - 137	2	50
1,4-Dichlorobenzene	50.0	56.8		ug/kg		114	77 - 139	0.2	50
Dichlorodifluoromethane	50.0	39.1		ug/kg		78	12 - 144	7	50
1,2-Dichloroethane	50.0	49.9		ug/kg		100	65 - 134	0.1	50
1,1-Dichloroethane	50.0	52.0		ug/kg		104	75 - 124	0.3	50
1,1-Dichloroethene	50.0	46.5		ug/kg		93	75 - 131	0.8	50
trans-1,2-Dichloroethene	50.0	49.8		ug/kg		100	76 - 128	0.3	50
cis-1,2-Dichloroethene	50.0	51.3		ug/kg		103	75 - 125	0.4	50
1,2-Dichloropropane	50.0	46.0		ug/kg		92	69 - 120	1	50
trans-1,3-Dichloropropene	50.0	55.3		ug/kg		111	62 - 139	1	50
cis-1,3-Dichloropropene	50.0	61.0		ug/kg		122	73 - 148	2	50
Ethylbenzene	50.0	55.3		ug/kg		111	80 - 134	1	50
2-Hexanone	250	283		ug/kg		113	57 - 148	2	50
Isopropylbenzene	50.0	60.8		ug/kg		122	80 - 150	0.6	50
Methyl Acetate	50.0	36.0	B	ug/kg		72	11 - 170	4	50
Methylcyclohexane	50.0	50.6		ug/kg		101	69 - 140	1	50
Methyl tert-Butyl Ether	50.0	51.4		ug/kg		103	70 - 136	0.6	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D0445-BSD1

Matrix: Soil

Analysis Batch: V006022

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D0445_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits			
Methylene Chloride	50.0	47.0		ug/kg		94	68 - 144	0.6		50
4-Methyl-2-pentanone	250	281		ug/kg		112	59 - 138	2		50
n-Propylbenzene	50.0	57.4		ug/kg		115	75 - 137	1		50
Styrene	50.0	58.1		ug/kg		116	82 - 137	0.9		50
1,1,2,2-Tetrachloroethane	50.0	60.3		ug/kg		121	66 - 134	2		50
Tetrachloroethene	50.0	54.7		ug/kg		109	78 - 140	1		50
Tetrahydrofuran	500	507		ug/kg		101	53 - 134	2		50
Toluene	50.0	53.4		ug/kg		107	80 - 132	0.7		50
1,2,4-Trichlorobenzene	50.0	59.0		ug/kg		118	62 - 150	2		50
1,1,1-Trichloroethane	50.0	51.5		ug/kg		103	72 - 140	0.5		50
1,1,2-Trichloroethane	50.0	55.1		ug/kg		110	78 - 128	2		50
Trichloroethene	50.0	48.3		ug/kg		97	77 - 127	0.3		50
Trichlorofluoromethane	50.0	46.2		ug/kg		92	50 - 140	0.6		50
Vinyl chloride	50.0	50.7		ug/kg		101	47 - 136	0.6		50
Xylenes, total	150	163		ug/kg		109	80 - 137	0.2		50
1,1,2-Trifluorotrichloroethane	50.0	50.8		ug/kg		102	67 - 136	0.5		50

Surrogate	LCS Dup		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	98		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8	101		70 - 130
4-Bromofluorobenzene	98		70 - 130

Lab Sample ID: 12D0445-MS1

Matrix: Soil

Analysis Batch: V006022

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D0445_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec.	
									Limits	
Acetone	0.720		0.247	1.03		mg/kg wet		127	19 - 175	
Benzene	ND		0.0494	0.0424		mg/kg wet		86	31 - 143	
Bromochloromethane	ND		0.0494	0.0446		mg/kg wet		90	31 - 141	
Bromodichloromethane	ND		0.0494	0.0378		mg/kg wet		77	19 - 148	
Bromoform	ND		0.0494	0.0376		mg/kg wet		76	10 - 165	
Bromomethane	ND		0.0494	0.0512		mg/kg wet		104	10 - 164	
2-Butanone	0.0647		0.247	0.278		mg/kg wet		86	18 - 153	
Carbon disulfide	ND		0.0494	0.0421		mg/kg wet		85	32 - 144	
Carbon Tetrachloride	ND		0.0494	0.0419		mg/kg wet		85	31 - 149	
Chlorobenzene	ND		0.0494	0.0348		mg/kg wet		70	25 - 152	
Chlorodibromomethane	ND		0.0494	0.0438		mg/kg wet		89	14 - 146	
Chloroethane	ND		0.0494	0.0495		mg/kg wet		100	10 - 151	
Chloroform	ND		0.0494	0.0447	B	mg/kg wet		90	34 - 160	
Chloromethane	ND		0.0494	0.0352		mg/kg wet		71	10 - 156	
Cyclohexane	ND		0.0494	0.0380		mg/kg wet		77	32 - 158	
1,2-Dibromo-3-chloropropane	ND		0.0494	0.0336		mg/kg wet		68	10 - 147	
1,2-Dibromoethane (EDB)	ND		0.0494	0.0427		mg/kg wet		86	18 - 156	
1,2-Dichlorobenzene	ND		0.0494	0.0228		mg/kg wet		46	10 - 160	
1,3-Dichlorobenzene	ND		0.0494	0.0245		mg/kg wet		50	10 - 162	
1,4-Dichlorobenzene	ND		0.0494	0.0252		mg/kg wet		51	11 - 159	
Dichlorodifluoromethane	ND		0.0494	0.0342		mg/kg wet		69	10 - 143	

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D0445-MS1

Matrix: Soil

Analysis Batch: V006022

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D0445_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	ND		0.0494	0.0409		mg/kg wet		83	28 - 138
1,1-Dichloroethane	ND		0.0494	0.0457		mg/kg wet		93	42 - 136
1,1-Dichloroethene	ND		0.0494	0.0438		mg/kg wet		89	41 - 143
trans-1,2-Dichloroethene	ND		0.0494	0.0428		mg/kg wet		87	39 - 140
cis-1,2-Dichloroethene	ND		0.0494	0.0440		mg/kg wet		89	36 - 139
1,2-Dichloropropane	ND		0.0494	0.0369		mg/kg wet		75	20 - 146
trans-1,3-Dichloropropene	ND		0.0494	0.0419		mg/kg wet		85	10 - 157
cis-1,3-Dichloropropene	ND		0.0494	0.0475		mg/kg wet		96	15 - 166
Ethylbenzene	ND		0.0494	0.0338		mg/kg wet		68	23 - 161
2-Hexanone	ND		0.247	0.243		mg/kg wet		98	10 - 169
Isopropylbenzene	ND		0.0494	0.0306		mg/kg wet		62	23 - 181
Methyl Acetate	ND		0.0494	0.197	M7 B	mg/kg wet		398	10 - 200
Methylcyclohexane	ND		0.0494	0.0335		mg/kg wet		68	29 - 167
Methyl tert-Butyl Ether	ND		0.0494	0.0468		mg/kg wet		95	28 - 141
Methylene Chloride	ND		0.0494	0.0443		mg/kg wet		90	24 - 182
4-Methyl-2-pentanone	ND		0.247	0.248		mg/kg wet		100	10 - 168
n-Propylbenzene	ND		0.0494	0.0317		mg/kg wet		64	19 - 162
Styrene	ND		0.0494	0.0270		mg/kg wet		55	10 - 165
1,1,2,2-Tetrachloroethane	ND		0.0494	0.0412		mg/kg wet		83	10 - 162
Tetrachloroethene	ND		0.0494	0.0382		mg/kg wet		77	33 - 161
Tetrahydrofuran	ND		0.494	0.439		mg/kg wet		89	23 - 149
Toluene	0.00146		0.0494	0.0423		mg/kg wet		83	30 - 155
1,2,4-Trichlorobenzene	ND		0.0494	0.0130		mg/kg wet		26	10 - 167
1,1,1-Trichloroethane	ND		0.0494	0.0421		mg/kg wet		85	35 - 149
1,1,2-Trichloroethane	ND		0.0494	0.0416		mg/kg wet		84	19 - 157
Trichloroethene	ND		0.0494	0.0395		mg/kg wet		80	27 - 153
Trichlorofluoromethane	ND		0.0494	0.0437		mg/kg wet		88	25 - 137
Vinyl chloride	ND		0.0494	0.0453		mg/kg wet		92	20 - 141
Xylenes, total	ND		0.148	0.0935		mg/kg wet		63	25 - 162
1,1,2-Trifluorotrichloroethane	ND		0.0494	0.0462		mg/kg wet		93	42 - 147

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	97		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8	106		70 - 130
4-Bromofluorobenzene	109		70 - 130

Lab Sample ID: 12D0445-MSD1

Matrix: Soil

Analysis Batch: V006022

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D0445_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	0.720		0.246	1.03		mg/kg wet		126	19 - 175	0.3	50
Benzene	ND		0.0492	0.0375		mg/kg wet		76	31 - 143	12	50
Bromochloromethane	ND		0.0492	0.0418		mg/kg wet		85	31 - 141	6	50
Bromodichloromethane	ND		0.0492	0.0349		mg/kg wet		71	19 - 148	8	50
Bromoform	ND		0.0492	0.0330		mg/kg wet		67	10 - 165	13	50
Bromomethane	ND		0.0492	0.0478		mg/kg wet		97	10 - 164	7	50
2-Butanone	0.0647		0.246	0.279		mg/kg wet		87	18 - 153	0.3	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D0445-MSD1

Matrix: Soil

Analysis Batch: V006022

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D0445_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon disulfide	ND		0.0492	0.0361		mg/kg wet		73	32 - 144	15	50
Carbon Tetrachloride	ND		0.0492	0.0332		mg/kg wet		68	31 - 149	23	50
Chlorobenzene	ND		0.0492	0.0283		mg/kg wet		57	25 - 152	21	50
Chlorodibromomethane	ND		0.0492	0.0377		mg/kg wet		77	14 - 146	15	50
Chloroethane	ND		0.0492	0.0451		mg/kg wet		92	10 - 151	9	50
Chloroform	ND		0.0492	0.0410	B	mg/kg wet		83	34 - 160	9	49
Chloromethane	ND		0.0492	0.0325		mg/kg wet		66	10 - 156	8	50
Cyclohexane	ND		0.0492	0.0246		mg/kg wet		50	32 - 158	43	50
1,2-Dibromo-3-chloropropane	ND		0.0492	0.0260		mg/kg wet		53	10 - 147	25	50
1,2-Dibromoethane (EDB)	ND		0.0492	0.0391		mg/kg wet		79	18 - 156	9	50
1,2-Dichlorobenzene	ND		0.0492	0.0170		mg/kg wet		35	10 - 160	29	50
1,3-Dichlorobenzene	ND		0.0492	0.0180		mg/kg wet		36	10 - 162	31	50
1,4-Dichlorobenzene	ND		0.0492	0.0188		mg/kg wet		38	11 - 159	29	50
Dichlorodifluoromethane	ND		0.0492	0.0292		mg/kg wet		59	10 - 143	16	50
1,2-Dichloroethane	ND		0.0492	0.0386		mg/kg wet		78	28 - 138	6	50
1,1-Dichloroethane	ND		0.0492	0.0417		mg/kg wet		85	42 - 136	9	50
1,1-Dichloroethene	ND		0.0492	0.0378		mg/kg wet		77	41 - 143	15	50
trans-1,2-Dichloroethene	ND		0.0492	0.0385		mg/kg wet		78	39 - 140	11	50
cis-1,2-Dichloroethene	ND		0.0492	0.0395		mg/kg wet		80	36 - 139	11	50
1,2-Dichloropropane	ND		0.0492	0.0338		mg/kg wet		69	20 - 146	9	50
trans-1,3-Dichloropropene	ND		0.0492	0.0373		mg/kg wet		76	10 - 157	12	50
cis-1,3-Dichloropropene	ND		0.0492	0.0434		mg/kg wet		88	15 - 166	9	50
Ethylbenzene	ND		0.0492	0.0261		mg/kg wet		53	23 - 161	26	50
2-Hexanone	ND		0.246	0.238		mg/kg wet		97	10 - 169	2	50
Isopropylbenzene	ND		0.0492	0.0220		mg/kg wet		45	23 - 181	33	50
Methyl Acetate	ND		0.0492	0.194	M7 B	mg/kg wet		394	10 - 200	1	50
Methylcyclohexane	ND		0.0492	0.0185	R	mg/kg wet		38	29 - 167	58	50
Methyl tert-Butyl Ether	ND		0.0492	0.0439		mg/kg wet		89	28 - 141	6	50
Methylene Chloride	ND		0.0492	0.0424		mg/kg wet		86	24 - 182	4	50
4-Methyl-2-pentanone	ND		0.246	0.243		mg/kg wet		99	10 - 168	2	50
n-Propylbenzene	ND		0.0492	0.0218		mg/kg wet		44	19 - 162	37	50
Styrene	ND		0.0492	0.0175		mg/kg wet		36	10 - 165	43	50
1,1,2,2-Tetrachloroethane	ND		0.0492	0.0349		mg/kg wet		71	10 - 162	16	50
Tetrachloroethene	ND		0.0492	0.0287		mg/kg wet		58	33 - 161	29	50
Tetrahydrofuran	ND		0.492	0.439		mg/kg wet		89	23 - 149	0.2	50
Toluene	0.00146		0.0492	0.0351		mg/kg wet		68	30 - 155	19	50
1,2,4-Trichlorobenzene	ND		0.0492	0.00995		mg/kg wet		20	10 - 167	27	50
1,1,1-Trichloroethane	ND		0.0492	0.0369		mg/kg wet		75	35 - 149	13	50
1,1,2-Trichloroethane	ND		0.0492	0.0402		mg/kg wet		82	19 - 157	3	50
Trichloroethene	ND		0.0492	0.0335		mg/kg wet		68	27 - 153	16	50
Trichlorofluoromethane	ND		0.0492	0.0342		mg/kg wet		69	25 - 137	24	50
Vinyl chloride	ND		0.0492	0.0413		mg/kg wet		84	20 - 141	9	50
Xylenes, total	ND		0.148	0.0721		mg/kg wet		49	25 - 162	26	50
1,1,2-Trifluorotrichloroethane	ND		0.0492	0.0337		mg/kg wet		68	42 - 147	31	50

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Matrix Spike Dup Limits
1,2-Dichloroethane-d4	97		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8	106		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D0445-MSD1

Matrix: Soil

Analysis Batch: V006022

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D0445_P

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits
4-Bromofluorobenzene	107		70 - 130

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Lab Sample ID: 12D1022-BLK1

Matrix: Soil

Analysis Batch: 12D1022

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1022_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0670	0.0340	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Acenaphthylene	ND		0.0670	0.0340	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Acetophenone	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Anthracene	ND		0.0670	0.0340	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Atrazine	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Benzaldehyde	ND		1.67	0.835	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Benzo (a) anthracene	ND		0.0670	0.0340	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Benzo (b) fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Benzo (a) pyrene	ND		0.0670	0.0340	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Benzo (g,h,i) perylene	ND		0.0670	0.0340	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Benzo (k) fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Biphenyl	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
4-Bromophenyl phenyl ether	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Butyl benzyl phthalate	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
4-Chloro-3-methylphenol	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
4-Chloroaniline	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Caprolactam	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Carbazole	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
2-Chloronaphthalene	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Bis(2-chloroethoxy)methane	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Bis(2-chloroethyl)ether	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Bis(2-chloroisopropyl)ether	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
2-Chlorophenol	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
4-Chlorophenyl phenyl ether	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Chrysene	ND		0.0670	0.0340	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Dibenz (a,h) anthracene	ND		0.0670	0.0340	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Dibenzofuran	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Di-n-butyl phthalate	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
3,3-Dichlorobenzidine	ND		0.667	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
2,4-Dichlorophenol	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Diethyl phthalate	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
2,4-Dimethylphenol	ND		0.333	0.192	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Dimethyl phthalate	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
4,6-Dinitro-2-methylphenol	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
2,4-Dinitrophenol	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
2,6-Dinitrotoluene	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
2,4-Dinitrotoluene	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Di-n-octyl phthalate	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Bis(2-ethylhexyl)phthalate	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1022-BLK1

Matrix: Soil

Analysis Batch: 12D1022

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1022_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		0.0670	0.0340	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Hexachlorobenzene	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Hexachlorobutadiene	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Hexachlorocyclopentadiene	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Hexachloroethane	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Indeno (1,2,3-cd) pyrene	ND		0.0670	0.0340	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Isophorone	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
2-Methylnaphthalene	ND		0.0670	0.0340	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
2-Methylphenol	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Naphthalene	ND		0.0670	0.0340	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
2-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
3-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
4-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Nitrobenzene	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
2-Nitrophenol	ND		0.333	0.196	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
4-Nitrophenol	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
N-Nitrosodiphenylamine	ND		0.333	0.183	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
N-Nitrosodi-n-propylamine	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Pentachlorophenol	ND		0.833	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Phenanthrene	ND		0.0670	0.0340	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Phenol	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
Pyrene	ND		0.0670	0.0340	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
2,4,5-Trichlorophenol	ND		0.833	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00
2,4,6-Trichlorophenol	ND		0.333	0.167	mg/kg wet		04/07/12 07:05	04/08/12 14:10	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	60		17 - 120	04/07/12 07:05	04/08/12 14:10	1.00
Phenol-d5	63		18 - 120	04/07/12 07:05	04/08/12 14:10	1.00
2-Fluorobiphenyl	72		14 - 120	04/07/12 07:05	04/08/12 14:10	1.00
Nitrobenzene-d5	64		17 - 120	04/07/12 07:05	04/08/12 14:10	1.00
Terphenyl-d14	89		18 - 120	04/07/12 07:05	04/08/12 14:10	1.00
2,4,6-Tribromophenol	64		19 - 120	04/07/12 07:05	04/08/12 14:10	1.00

Lab Sample ID: 12D1022-BS1

Matrix: Soil

Analysis Batch: 12D1022

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1022_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	1.67	1.47		mg/kg wet		88	36 - 120
Acenaphthylene	1.67	1.39		mg/kg wet		84	38 - 120
Acetophenone	1.67	1.07		mg/kg wet		64	30 - 120
Anthracene	1.67	1.59		mg/kg wet		96	46 - 124
Benzo (a) anthracene	1.67	1.59		mg/kg wet		96	45 - 120
Benzo (b) fluoranthene	1.67	1.56		mg/kg wet		93	42 - 120
Benzo (a) pyrene	1.67	1.52		mg/kg wet		91	45 - 120
Benzo (g,h,i) perylene	1.67	1.47		mg/kg wet		88	38 - 120
Benzo (k) fluoranthene	1.67	1.36		mg/kg wet		82	42 - 120
4-Bromophenyl phenyl ether	1.67	1.73		mg/kg wet		104	40 - 120
Butyl benzyl phthalate	1.67	1.62		mg/kg wet		97	43 - 133

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1022-BS1

Matrix: Soil

Analysis Batch: 12D1022

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1022_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chloro-3-methylphenol	1.67	1.46		mg/kg wet		88	38 - 120
4-Chloroaniline	1.67	1.48		mg/kg wet		89	35 - 120
Carbazole	1.67	1.48		mg/kg wet		89	44 - 120
2-Chloronaphthalene	1.67	1.20		mg/kg wet		72	34 - 120
Bis(2-chloroethoxy)methane	1.67	1.42		mg/kg wet		85	32 - 120
Bis(2-chloroethyl)ether	1.67	1.39		mg/kg wet		84	31 - 120
Bis(2-chloroisopropyl)ether	1.67	1.45		mg/kg wet		87	32 - 120
2-Chlorophenol	1.67	1.43		mg/kg wet		86	32 - 120
4-Chlorophenyl phenyl ether	1.67	1.52		mg/kg wet		91	42 - 120
Chrysene	1.67	1.52		mg/kg wet		91	43 - 120
Dibenz (a,h) anthracene	1.67	1.48		mg/kg wet		89	32 - 128
Dibenzofuran	1.67	1.53		mg/kg wet		92	41 - 120
Di-n-butyl phthalate	1.67	1.52		mg/kg wet		91	46 - 127
3,3-Dichlorobenzidine	1.67	1.60		mg/kg wet		96	39 - 120
2,4-Dichlorophenol	1.67	1.52		mg/kg wet		91	32 - 120
Diethyl phthalate	1.67	1.53		mg/kg wet		92	41 - 122
2,4-Dimethylphenol	1.67	1.44		mg/kg wet		86	32 - 120
Dimethyl phthalate	1.67	1.47		mg/kg wet		88	55 - 120
4,6-Dinitro-2-methylphenol	1.67	1.57		mg/kg wet		94	27 - 134
2,4-Dinitrophenol	1.67	1.39		mg/kg wet		83	23 - 142
2,6-Dinitrotoluene	1.67	1.26		mg/kg wet		76	43 - 120
2,4-Dinitrotoluene	1.67	1.24		mg/kg wet		74	43 - 120
Di-n-octyl phthalate	1.67	1.47		mg/kg wet		88	40 - 130
Bis(2-ethylhexyl)phthalate	1.67	1.64		mg/kg wet		99	43 - 120
Fluoranthene	1.67	1.57		mg/kg wet		94	46 - 120
Fluorene	1.67	1.56		mg/kg wet		94	42 - 120
Hexachlorobenzene	1.67	1.82		mg/kg wet		109	44 - 120
Hexachlorobutadiene	1.67	1.83		mg/kg wet		110	31 - 120
Hexachlorocyclopentadiene	1.67	1.02		mg/kg wet		61	24 - 120
Hexachloroethane	1.67	1.39		mg/kg wet		83	33 - 120
Indeno (1,2,3-cd) pyrene	1.67	1.45		mg/kg wet		87	41 - 121
Isophorone	1.67	1.14		mg/kg wet		69	33 - 120
2-Methylnaphthalene	1.67	1.48		mg/kg wet		89	28 - 120
2-Methylphenol	1.67	1.14		mg/kg wet		68	36 - 120
Naphthalene	1.67	1.56		mg/kg wet		94	32 - 120
2-Nitroaniline	1.67	1.55		mg/kg wet		93	40 - 120
3-Nitroaniline	1.67	1.47		mg/kg wet		88	42 - 120
4-Nitroaniline	1.67	1.45		mg/kg wet		87	43 - 120
Nitrobenzene	1.67	1.07		mg/kg wet		64	26 - 120
2-Nitrophenol	1.67	1.48		mg/kg wet		89	29 - 120
4-Nitrophenol	1.67	1.24		mg/kg wet		74	32 - 136
N-Nitrosodiphenylamine	1.67	1.78		mg/kg wet		107	52 - 140
N-Nitrosodi-n-propylamine	1.67	1.48		mg/kg wet		89	35 - 120
Pentachlorophenol	1.67	1.58		mg/kg wet		95	44 - 134
Phenanthrene	1.67	1.57		mg/kg wet		94	45 - 120
Phenol	1.67	1.31		mg/kg wet		79	30 - 120
Pyrene	1.67	1.60		mg/kg wet		96	43 - 120
2,4,5-Trichlorophenol	1.67	1.22		mg/kg wet		73	39 - 120
2,4,6-Trichlorophenol	1.67	1.55		mg/kg wet		93	39 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1022-BS1

Matrix: Soil

Analysis Batch: 12D1022

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1022_P

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorophenol	63		17 - 120
Phenol-d5	61		18 - 120
2-Fluorobiphenyl	70		14 - 120
Nitrobenzene-d5	62		17 - 120
Terphenyl-d14	89		18 - 120
2,4,6-Tribromophenol	65		19 - 120

Lab Sample ID: 12D1022-BS2

Matrix: Soil

Analysis Batch: 12D1022

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1022_P

	Spike	LCS	LCS					%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Acetophenone	1.67	1.27		mg/kg wet		76	30 - 120		
Atrazine	1.67	1.29		mg/kg wet		77	41 - 120		
Benzaldehyde	1.67	ND	L2	mg/kg wet			10 - 150		
Biphenyl	1.67	1.20		mg/kg wet		72	15 - 120		
4-Chloro-3-methylphenol	1.67	1.24		mg/kg wet		74	38 - 120		
Caprolactam	1.67	1.09		mg/kg wet		65	18 - 138		
2-Chlorophenol	1.67	1.11		mg/kg wet		67	32 - 120		
2,4-Dichlorophenol	1.67	1.20		mg/kg wet		72	32 - 120		
2,4-Dimethylphenol	1.67	1.17		mg/kg wet		70	32 - 120		
4,6-Dinitro-2-methylphenol	1.67	1.15		mg/kg wet		69	27 - 134		
2,4-Dinitrophenol	1.67	0.902		mg/kg wet		54	23 - 142		
2-Methylphenol	1.67	0.941		mg/kg wet		56	36 - 120		
2-Nitrophenol	1.67	1.20		mg/kg wet		72	29 - 120		
4-Nitrophenol	1.67	1.17		mg/kg wet		70	32 - 136		
Pentachlorophenol	1.67	1.02		mg/kg wet		61	44 - 134		
Phenol	1.67	1.03		mg/kg wet		62	30 - 120		
2,4,5-Trichlorophenol	1.67	0.999		mg/kg wet		60	39 - 120		
2,4,6-Trichlorophenol	1.67	1.27		mg/kg wet		76	39 - 120		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
2-Fluorophenol	59		17 - 120
Phenol-d5	59		18 - 120
2-Fluorobiphenyl	65		14 - 120
Nitrobenzene-d5	59		17 - 120
Terphenyl-d14	87		18 - 120
2,4,6-Tribromophenol	65		19 - 120

Lab Sample ID: 12D1022-MS1

Matrix: Soil

Analysis Batch: 12D1022

Client Sample ID: TP-06-SS-040412-00

Prep Type: Total

Prep Batch: 12D1022_P

	Sample	Sample	Spike	Matrix Spike	Matrix Spike			%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Acenaphthene	ND		1.98	1.70		mg/kg dry	✱	86	19 - 120
Acenaphthylene	ND		1.98	1.60		mg/kg dry	✱	81	25 - 120
Acetophenone	ND		1.98	1.19		mg/kg dry	✱	60	10 - 200
Anthracene	ND		1.98	1.88		mg/kg dry	✱	95	28 - 125
Benzo (a) anthracene	ND		1.98	1.90		mg/kg dry	✱	96	23 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1022-MS1

Matrix: Soil

Analysis Batch: 12D1022

Client Sample ID: TP-06-SS-040412-00

Prep Type: Total

Prep Batch: 12D1022_P

Analyte	Sample	Sample	Spike	Matrix Spike	Matrix Spike	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Benzo (b) fluoranthene	ND		1.98	1.67		mg/kg dry	☆	84	12 - 133	
Benzo (a) pyrene	ND		1.98	1.80		mg/kg dry	☆	91	15 - 128	
Benzo (g,h,i) perylene	ND		1.98	1.75		mg/kg dry	☆	89	22 - 120	
Benzo (k) fluoranthene	ND		1.98	1.81		mg/kg dry	☆	92	28 - 120	
4-Bromophenyl phenyl ether	ND		1.98	2.05		mg/kg dry	☆	104	31 - 120	
Butyl benzyl phthalate	ND		1.98	1.98		mg/kg dry	☆	100	24 - 133	
4-Chloro-3-methylphenol	ND		1.98	1.73		mg/kg dry	☆	88	21 - 120	
4-Chloroaniline	ND		1.98	1.59		mg/kg dry	☆	81	26 - 120	
Carbazole	ND		1.98	1.80		mg/kg dry	☆	91	25 - 123	
2-Chloronaphthalene	ND		1.98	1.34		mg/kg dry	☆	68	24 - 120	
Bis(2-chloroethoxy)methane	ND		1.98	1.57		mg/kg dry	☆	80	24 - 120	
Bis(2-chloroethyl)ether	ND		1.98	1.39		mg/kg dry	☆	70	22 - 120	
Bis(2-chloroisopropyl)ether	ND		1.98	1.52		mg/kg dry	☆	77	20 - 120	
2-Chlorophenol	ND		1.98	1.50		mg/kg dry	☆	76	25 - 120	
4-Chlorophenyl phenyl ether	ND		1.98	1.82		mg/kg dry	☆	92	26 - 120	
Chrysene	ND		1.98	1.85		mg/kg dry	☆	94	20 - 120	
Dibenz (a,h) anthracene	ND		1.98	1.76		mg/kg dry	☆	89	12 - 128	
Dibenzofuran	ND		1.98	1.79		mg/kg dry	☆	91	21 - 120	
Di-n-butyl phthalate	ND		1.98	1.86		mg/kg dry	☆	94	29 - 126	
3,3-Dichlorobenzidine	ND		1.98	1.77		mg/kg dry	☆	90	10 - 120	
2,4-Dichlorophenol	ND		1.98	1.65		mg/kg dry	☆	83	17 - 120	
Diethyl phthalate	ND		1.98	1.86		mg/kg dry	☆	94	29 - 122	
2,4-Dimethylphenol	ND		1.98	1.59		mg/kg dry	☆	80	17 - 120	
Dimethyl phthalate	ND		1.98	1.77		mg/kg dry	☆	90	30 - 120	
4,6-Dinitro-2-methylphenol	ND		1.98	1.97		mg/kg dry	☆	100	10 - 134	
2,4-Dinitrophenol	ND		1.98	1.75		mg/kg dry	☆	89	10 - 150	
2,6-Dinitrotoluene	ND		1.98	1.49		mg/kg dry	☆	76	24 - 120	
2,4-Dinitrotoluene	ND		1.98	1.47		mg/kg dry	☆	74	24 - 121	
Di-n-octyl phthalate	ND		1.98	1.73		mg/kg dry	☆	87	27 - 130	
Bis(2-ethylhexyl)phthalate	0.289	J	1.98	1.94		mg/kg dry	☆	83	26 - 120	
Fluoranthene	ND		1.98	1.94		mg/kg dry	☆	98	10 - 143	
Fluorene	ND		1.98	1.82		mg/kg dry	☆	92	20 - 120	
Hexachlorobenzene	ND		1.98	2.14		mg/kg dry	☆	108	25 - 120	
Hexachlorobutadiene	ND		1.98	1.99		mg/kg dry	☆	101	10 - 120	
Hexachlorocyclopentadiene	ND		1.98	1.12		mg/kg dry	☆	57	10 - 120	
Hexachloroethane	ND		1.98	1.46		mg/kg dry	☆	74	10 - 120	
Indeno (1,2,3-cd) pyrene	ND		1.98	1.76		mg/kg dry	☆	89	22 - 121	
Isophorone	ND		1.98	1.36		mg/kg dry	☆	69	24 - 120	
2-Methylnaphthalene	ND		1.98	1.62		mg/kg dry	☆	82	13 - 120	
2-Methylphenol	ND		1.98	1.24		mg/kg dry	☆	63	23 - 120	
Naphthalene	ND		1.98	1.69		mg/kg dry	☆	86	10 - 120	
2-Nitroaniline	ND		1.98	1.77		mg/kg dry	☆	89	31 - 120	
3-Nitroaniline	ND		1.98	1.73		mg/kg dry	☆	87	31 - 120	
4-Nitroaniline	ND		1.98	1.74		mg/kg dry	☆	88	28 - 120	
Nitrobenzene	ND		1.98	1.19		mg/kg dry	☆	60	19 - 120	
2-Nitrophenol	ND		1.98	1.64		mg/kg dry	☆	83	23 - 120	
4-Nitrophenol	ND		1.98	1.55		mg/kg dry	☆	79	16 - 139	
N-Nitrosodiphenylamine	ND		1.98	2.14		mg/kg dry	☆	109	26 - 150	
N-Nitrosodi-n-propylamine	ND		1.98	1.54		mg/kg dry	☆	78	24 - 120	
Pentachlorophenol	ND		1.98	1.82		mg/kg dry	☆	92	19 - 145	

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1022-MS1

Matrix: Soil

Analysis Batch: 12D1022

Client Sample ID: TP-06-SS-040412-00

Prep Type: Total

Prep Batch: 12D1022_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Phenanthrene	ND		1.98	1.89		mg/kg dry	☼	96	21 - 122
Phenol	ND		1.98	1.42		mg/kg dry	☼	72	15 - 120
Pyrene	ND		1.98	1.88		mg/kg dry	☼	95	20 - 123
2,4,5-Trichlorophenol	ND		1.98	1.45		mg/kg dry	☼	73	27 - 120
2,4,6-Trichlorophenol	ND		1.98	1.80		mg/kg dry	☼	91	24 - 122

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
2-Fluorophenol	61		17 - 120
Phenol-d5	61		18 - 120
2-Fluorobiphenyl	72		14 - 120
Nitrobenzene-d5	64		17 - 120
Terphenyl-d14	100		18 - 120
2,4,6-Tribromophenol	76		19 - 120

Lab Sample ID: 12D1022-MSD1

Matrix: Soil

Analysis Batch: 12D1022

Client Sample ID: TP-06-SS-040412-00

Prep Type: Total

Prep Batch: 12D1022_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		1.99	1.67		mg/kg dry	☼	84	19 - 120	2	50
Acenaphthylene	ND		1.99	1.55		mg/kg dry	☼	78	25 - 120	3	50
Acetophenone	ND		1.99	1.21		mg/kg dry	☼	61	10 - 200	2	50
Anthracene	ND		1.99	1.79		mg/kg dry	☼	90	28 - 125	5	49
Benzo (a) anthracene	ND		1.99	1.84		mg/kg dry	☼	92	23 - 120	3	50
Benzo (b) fluoranthene	ND		1.99	1.70		mg/kg dry	☼	86	12 - 133	2	50
Benzo (a) pyrene	ND		1.99	1.75		mg/kg dry	☼	88	15 - 128	3	50
Benzo (g,h,i) perylene	ND		1.99	1.72		mg/kg dry	☼	87	22 - 120	2	50
Benzo (k) fluoranthene	ND		1.99	1.67		mg/kg dry	☼	84	28 - 120	8	45
4-Bromophenyl phenyl ether	ND		1.99	1.99		mg/kg dry	☼	100	31 - 120	3	37
Butyl benzyl phthalate	ND		1.99	1.86		mg/kg dry	☼	94	24 - 133	6	50
4-Chloro-3-methylphenol	ND		1.99	1.65		mg/kg dry	☼	83	21 - 120	5	49
4-Chloroaniline	ND		1.99	1.64		mg/kg dry	☼	83	26 - 120	3	50
Carbazole	ND		1.99	1.73		mg/kg dry	☼	87	25 - 123	4	46
2-Chloronaphthalene	ND		1.99	1.34		mg/kg dry	☼	67	24 - 120	0.2	50
Bis(2-chloroethoxy)methane	ND		1.99	1.56		mg/kg dry	☼	78	24 - 120	1	50
Bis(2-chloroethyl)ether	ND		1.99	1.52		mg/kg dry	☼	77	22 - 120	9	50
Bis(2-chloroisopropyl)ether	ND		1.99	1.68		mg/kg dry	☼	84	20 - 120	10	50
2-Chlorophenol	ND		1.99	1.61		mg/kg dry	☼	81	25 - 120	7	50
4-Chlorophenyl phenyl ether	ND		1.99	1.74		mg/kg dry	☼	88	26 - 120	4	50
Chrysene	ND		1.99	1.75		mg/kg dry	☼	88	20 - 120	6	49
Dibenz (a,h) anthracene	ND		1.99	1.76		mg/kg dry	☼	88	12 - 128	0.3	50
Dibenzofuran	ND		1.99	1.72		mg/kg dry	☼	87	21 - 120	4	50
Di-n-butyl phthalate	ND		1.99	1.77		mg/kg dry	☼	89	29 - 126	5	49
3,3-Dichlorobenzidine	ND		1.99	1.79		mg/kg dry	☼	90	10 - 120	0.9	50
2,4-Dichlorophenol	ND		1.99	1.66		mg/kg dry	☼	83	17 - 120	0.5	50
Diethyl phthalate	ND		1.99	1.74		mg/kg dry	☼	88	29 - 122	6	45
2,4-Dimethylphenol	ND		1.99	1.48		mg/kg dry	☼	74	17 - 120	7	50
Dimethyl phthalate	ND		1.99	1.62		mg/kg dry	☼	82	30 - 120	9	46
4,6-Dinitro-2-methylphenol	ND		1.99	1.75		mg/kg dry	☼	88	10 - 134	12	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1022-MSD1

Matrix: Soil

Analysis Batch: 12D1022

Client Sample ID: TP-06-SS-040412-00

Prep Type: Total

Prep Batch: 12D1022_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrophenol	ND		1.99	1.44		mg/kg dry	✖	72	10 - 150	20	50
2,6-Dinitrotoluene	ND		1.99	1.41		mg/kg dry	✖	71	24 - 120	6	50
2,4-Dinitrotoluene	ND		1.99	1.37		mg/kg dry	✖	69	24 - 121	7	50
Di-n-octyl phthalate	ND		1.99	1.71		mg/kg dry	✖	86	27 - 130	1	50
Bis(2-ethylhexyl)phthalate	0.289	J	1.99	2.32		mg/kg dry	✖	102	26 - 120	18	50
Fluoranthene	ND		1.99	1.84		mg/kg dry	✖	93	10 - 143	5	50
Fluorene	ND		1.99	1.75		mg/kg dry	✖	88	20 - 120	4	50
Hexachlorobenzene	ND		1.99	1.98		mg/kg dry	✖	100	25 - 120	8	50
Hexachlorobutadiene	ND		1.99	2.01		mg/kg dry	✖	101	10 - 120	1	50
Hexachlorocyclopentadiene	ND		1.99	1.04		mg/kg dry	✖	52	10 - 120	7	50
Hexachloroethane	ND		1.99	1.62		mg/kg dry	✖	81	10 - 120	10	50
Indeno (1,2,3-cd) pyrene	ND		1.99	1.72		mg/kg dry	✖	87	22 - 121	2	50
Isophorone	ND		1.99	1.24		mg/kg dry	✖	63	24 - 120	9	50
2-Methylnaphthalene	ND		1.99	1.62		mg/kg dry	✖	82	13 - 120	0.1	50
2-Methylphenol	ND		1.99	1.28		mg/kg dry	✖	64	23 - 120	3	50
Naphthalene	ND		1.99	1.70		mg/kg dry	✖	85	10 - 120	0.3	50
2-Nitroaniline	ND		1.99	1.70		mg/kg dry	✖	86	31 - 120	4	50
3-Nitroaniline	ND		1.99	1.70		mg/kg dry	✖	86	31 - 120	2	49
4-Nitroaniline	ND		1.99	1.68		mg/kg dry	✖	84	28 - 120	4	49
Nitrobenzene	ND		1.99	1.15		mg/kg dry	✖	58	19 - 120	4	50
2-Nitrophenol	ND		1.99	1.64		mg/kg dry	✖	83	23 - 120	0.6	50
4-Nitrophenol	ND		1.99	1.47		mg/kg dry	✖	74	16 - 139	5	45
N-Nitrosodiphenylamine	ND		1.99	2.06		mg/kg dry	✖	104	26 - 150	4	50
N-Nitrosodi-n-propylamine	ND		1.99	1.60		mg/kg dry	✖	80	24 - 120	3	50
Pentachlorophenol	ND		1.99	1.79		mg/kg dry	✖	90	19 - 145	1	50
Phenanthrene	ND		1.99	1.80		mg/kg dry	✖	90	21 - 122	5	50
Phenol	ND		1.99	1.45		mg/kg dry	✖	73	15 - 120	2	50
Pyrene	ND		1.99	1.83		mg/kg dry	✖	92	20 - 123	3	50
2,4,5-Trichlorophenol	ND		1.99	1.36		mg/kg dry	✖	68	27 - 120	6	50
2,4,6-Trichlorophenol	ND		1.99	1.71		mg/kg dry	✖	86	24 - 122	5	50

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Matrix Spike Dup Limits
2-Fluorophenol	63		17 - 120
Phenol-d5	62		18 - 120
2-Fluorobiphenyl	68		14 - 120
Nitrobenzene-d5	60		17 - 120
Terphenyl-d14	90		18 - 120
2,4,6-Tribromophenol	71		19 - 120

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Lab Sample ID: 12D0861-BLK1

Matrix: Soil

Analysis Batch: V005699

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D0861_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/kg wet		04/06/12 16:30	04/06/12 17:43	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8015B - Glycols by EPA Method 8015 (modified) (Continued)

Lab Sample ID: 12D0861-BLK1
Matrix: Soil
Analysis Batch: V005699

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12D0861_P

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	115		60 - 140	04/06/12 16:30	04/06/12 17:43	1.00

Lab Sample ID: 12D0861-BS1
Matrix: Soil
Analysis Batch: V005699

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12D0861_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Glycol	50.0	45.8		mg/kg wet		92	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
n-Butanol	103		70 - 130				

Lab Sample ID: 12D0861-MS1
Matrix: Soil
Analysis Batch: V005699

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 12D0861_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Glycol	ND		61.7	59.2		mg/kg dry	☼	96	55 - 132
Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits						
n-Butanol	100		58 - 130						

Lab Sample ID: 12D0861-MSD1
Matrix: Soil
Analysis Batch: V005699

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total
Prep Batch: 12D0861_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Glycol	ND		61.7	59.3		mg/kg dry	☼	96	55 - 132	0.2	36
Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits								
n-Butanol	97		58 - 130								

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Lab Sample ID: 12D1020-BLK1
Matrix: Soil
Analysis Batch: V005775

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12D1020_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0333	0.0210	mg/kg wet		04/06/12 11:00	04/09/12 15:43	1.00
PCB-1221	ND		0.0333	0.0170	mg/kg wet		04/06/12 11:00	04/09/12 15:43	1.00
PCB-1232	ND		0.0333	0.0170	mg/kg wet		04/06/12 11:00	04/09/12 15:43	1.00
PCB-1242	ND		0.0333	0.0260	mg/kg wet		04/06/12 11:00	04/09/12 15:43	1.00
PCB-1248	ND		0.0333	0.0300	mg/kg wet		04/06/12 11:00	04/09/12 15:43	1.00
PCB-1254	ND		0.0333	0.0170	mg/kg wet		04/06/12 11:00	04/09/12 15:43	1.00
PCB-1260	ND		0.0333	0.0280	mg/kg wet		04/06/12 11:00	04/09/12 15:43	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Lab Sample ID: 12D1020-BLK1
Matrix: Soil
Analysis Batch: V005775

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12D1020_P

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	72		19 - 147	04/06/12 11:00	04/09/12 15:43	1.00
Decachlorobiphenyl	88		20 - 150	04/06/12 11:00	04/09/12 15:43	1.00

Lab Sample ID: 12D1020-BS1
Matrix: Soil
Analysis Batch: V005823

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12D1020_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1260	0.167	0.119		mg/kg wet		71	52 - 150
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Tetrachloro-meta-xylene	64		19 - 147				
Decachlorobiphenyl	88		20 - 150				

Lab Sample ID: 12D1020-MS1
Matrix: Soil
Analysis Batch: V005775

Client Sample ID: TP-06-SS-040412-00
Prep Type: Total
Prep Batch: 12D1020_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1260	ND		0.202	0.129		mg/kg dry	☼	64	37 - 159
Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits						
Tetrachloro-meta-xylene	60		19 - 147						
Decachlorobiphenyl	68		20 - 150						

Lab Sample ID: 12D1020-MSD1
Matrix: Soil
Analysis Batch: V005775

Client Sample ID: TP-06-SS-040412-00
Prep Type: Total
Prep Batch: 12D1020_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1260	ND		0.203	0.155		mg/kg dry	☼	76	37 - 159	18	37
Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits								
Tetrachloro-meta-xylene	64		19 - 147								
Decachlorobiphenyl	76		20 - 150								

Lab Sample ID: 12D1295-BLK1
Matrix: Soil
Analysis Batch: V005824

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12D1295_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0333	0.0210	mg/kg wet		04/07/12 07:55	04/11/12 01:36	1.00
PCB-1221	ND		0.0333	0.0170	mg/kg wet		04/07/12 07:55	04/11/12 01:36	1.00
PCB-1232	ND		0.0333	0.0170	mg/kg wet		04/07/12 07:55	04/11/12 01:36	1.00
PCB-1242	ND		0.0333	0.0260	mg/kg wet		04/07/12 07:55	04/11/12 01:36	1.00
PCB-1248	ND		0.0333	0.0300	mg/kg wet		04/07/12 07:55	04/11/12 01:36	1.00
PCB-1254	ND		0.0333	0.0170	mg/kg wet		04/07/12 07:55	04/11/12 01:36	1.00
PCB-1260	ND		0.0333	0.0280	mg/kg wet		04/07/12 07:55	04/11/12 01:36	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Lab Sample ID: 12D1295-BLK1
Matrix: Soil
Analysis Batch: V005824

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12D1295_P

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	92		19 - 147	04/07/12 07:55	04/11/12 01:36	1.00
Decachlorobiphenyl	78		20 - 150	04/07/12 07:55	04/11/12 01:36	1.00

Lab Sample ID: 12D1295-BS1
Matrix: Soil
Analysis Batch: V005824

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12D1295_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1260	0.167	0.131		mg/kg wet		79	52 - 150
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Tetrachloro-meta-xylene	88		19 - 147				
Decachlorobiphenyl	78		20 - 150				

Lab Sample ID: 12D1295-MS1
Matrix: Soil
Analysis Batch: V005824

Client Sample ID: TP-07-SO-040412-07
Prep Type: Total
Prep Batch: 12D1295_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1260	ND		0.210	0.186		mg/kg dry	☼	89	37 - 159
Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits						
Tetrachloro-meta-xylene	64		19 - 147						
Decachlorobiphenyl	68		20 - 150						

Lab Sample ID: 12D1295-MSD1
Matrix: Soil
Analysis Batch: V005824

Client Sample ID: TP-07-SO-040412-07
Prep Type: Total
Prep Batch: 12D1295_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1260	ND		0.212	0.169		mg/kg dry	☼	80	37 - 159	9	37
Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits								
Tetrachloro-meta-xylene	74		19 - 147								
Decachlorobiphenyl	72		20 - 150								

Method: SW846 6010B - Total Metals by EPA Method 6010B

Lab Sample ID: 12D1740-BLK1
Matrix: Soil
Analysis Batch: 12D1740

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12D1740_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.1	0.778	mg/kg wet		04/11/12 11:03	04/12/12 17:37	1.00
Arsenic	ND		1.01	0.505	mg/kg wet		04/11/12 11:03	04/12/12 17:37	1.00
Barium	ND		2.02	0.606	mg/kg wet		04/11/12 11:03	04/12/12 17:37	1.00
Beryllium	ND		1.01	0.505	mg/kg wet		04/11/12 11:03	04/12/12 17:37	1.00
Cadmium	ND		1.01	0.0606	mg/kg wet		04/11/12 11:03	04/12/12 17:37	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Lab Sample ID: 12D1740-BLK1

Matrix: Soil

Analysis Batch: 12D1740

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1740_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		1.01	0.505	mg/kg wet		04/11/12 11:03	04/12/12 17:37	1.00
Cobalt	ND		3.03	0.253	mg/kg wet		04/11/12 11:03	04/12/12 17:37	1.00
Copper	ND		2.02	1.31	mg/kg wet		04/11/12 11:03	04/12/12 17:37	1.00
Lead	ND		1.01	0.505	mg/kg wet		04/11/12 11:03	04/12/12 17:37	1.00
Manganese	ND		3.03	2.53	mg/kg wet		04/11/12 11:03	04/12/12 17:37	1.00
Nickel	ND		2.02	0.253	mg/kg wet		04/11/12 11:03	04/12/12 17:37	1.00
Selenium	ND		2.02	1.01	mg/kg wet		04/11/12 11:03	04/12/12 17:37	1.00
Silver	ND		1.01	0.202	mg/kg wet		04/11/12 11:03	04/12/12 17:37	1.00
Thallium	ND		2.02	0.404	mg/kg wet		04/11/12 11:03	04/12/12 17:37	1.00
Vanadium	ND		10.1	2.25	mg/kg wet		04/11/12 11:03	04/12/12 17:37	1.00
Zinc	ND		10.1	5.05	mg/kg wet		04/11/12 11:03	04/12/12 17:37	1.00

Lab Sample ID: 12D1740-BS1

Matrix: Soil

Analysis Batch: 12D1740

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1740_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Antimony	40.4	39.0		mg/kg wet		97	80 - 120	
Arsenic	20.2	20.0		mg/kg wet		99	80 - 120	
Barium	808	815		mg/kg wet		101	80 - 120	
Beryllium	20.2	19.7		mg/kg wet		97	80 - 120	
Cadmium	20.2	19.9		mg/kg wet		99	80 - 120	
Chromium	80.8	78.2		mg/kg wet		97	80 - 120	
Cobalt	202	198		mg/kg wet		98	80 - 120	
Copper	101	95.9		mg/kg wet		95	80 - 120	
Lead	20.2	20.9		mg/kg wet		104	80 - 120	
Manganese	202	200		mg/kg wet		99	80 - 120	
Nickel	202	202		mg/kg wet		100	80 - 120	
Selenium	20.2	19.9		mg/kg wet		98	80 - 120	
Silver	20.2	19.2		mg/kg wet		95	75 - 125	
Thallium	20.2	19.9		mg/kg wet		99	80 - 120	
Vanadium	202	196		mg/kg wet		97	80 - 120	
Zinc	202	188		mg/kg wet		93	80 - 120	

Lab Sample ID: 12D1740-MS1

Matrix: Soil

Analysis Batch: 12D1740

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1740_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits	
Antimony	ND		46.2	45.0		mg/kg dry	☼	98	75 - 125	
Arsenic	26.3		23.1	45.9		mg/kg dry	☼	85	75 - 125	
Barium	68.7		923	954		mg/kg dry	☼	96	75 - 125	
Beryllium	ND		23.1	22.9		mg/kg dry	☼	99	75 - 125	
Cadmium	0.524		23.1	22.1		mg/kg dry	☼	93	75 - 125	
Chromium	10.2		92.3	97.3		mg/kg dry	☼	94	75 - 125	
Cobalt	5.69		231	240		mg/kg dry	☼	102	75 - 125	
Copper	51.3		115	145		mg/kg dry	☼	81	75 - 125	
Lead	102		23.1	104	MHA	mg/kg dry	☼	5	75 - 125	
Manganese	230		231	565	M7	mg/kg dry	☼	145	75 - 125	
Nickel	12.8		231	252		mg/kg dry	☼	104	75 - 125	

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Lab Sample ID: 12D1740-MS1

Matrix: Soil

Analysis Batch: 12D1740

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1740_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	1.37		23.1	23.6		mg/kg dry	☼	96	75 - 125
Silver	ND		23.1	19.4		mg/kg dry	☼	84	75 - 125
Thallium	0.683		23.1	23.3		mg/kg dry	☼	98	75 - 125
Vanadium	18.4		231	238		mg/kg dry	☼	95	75 - 125
Zinc	44.5		231	263		mg/kg dry	☼	95	75 - 125

Lab Sample ID: 12D1740-MSD1

Matrix: Soil

Analysis Batch: 12D1740

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1740_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	ND		45.6	45.3		mg/kg dry	☼	99	75 - 125	0.6	20
Arsenic	26.3		22.8	56.6	M7	mg/kg dry	☼	133	75 - 125	21	20
Barium	68.7		913	971		mg/kg dry	☼	99	75 - 125	2	20
Beryllium	ND		22.8	22.7		mg/kg dry	☼	99	75 - 125	1	20
Cadmium	0.524		22.8	22.0		mg/kg dry	☼	94	75 - 125	0.3	20
Chromium	10.2		91.3	97.5		mg/kg dry	☼	96	75 - 125	0.2	20
Cobalt	5.69		228	240		mg/kg dry	☼	103	75 - 125	0.2	20
Copper	51.3		114	140		mg/kg dry	☼	78	75 - 125	3	20
Lead	102		22.8	101	MHA	mg/kg dry	☼	-7	75 - 125	3	20
Manganese	230		228	475		mg/kg dry	☼	107	75 - 125	17	20
Nickel	12.8		228	251		mg/kg dry	☼	104	75 - 125	0.5	20
Selenium	1.37		22.8	25.2		mg/kg dry	☼	105	75 - 125	7	20
Silver	ND		22.8	19.2		mg/kg dry	☼	84	75 - 125	1	20
Thallium	0.683		22.8	22.6		mg/kg dry	☼	96	75 - 125	3	20
Vanadium	18.4		228	237		mg/kg dry	☼	96	75 - 125	0.4	20
Zinc	44.5		228	261		mg/kg dry	☼	95	75 - 125	0.8	20

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Lab Sample ID: 12D1188-BLK1

Matrix: Soil

Analysis Batch: 12D1188

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1188_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.099	0.025	mg/kg wet		04/11/12 10:20	04/12/12 08:20	1.0

Lab Sample ID: 12D1188-BS1

Matrix: Soil

Analysis Batch: 12D1188

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1188_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.167	0.18		mg/kg wet		105	80 - 120

Lab Sample ID: 12D1188-MS1

Matrix: Soil

Analysis Batch: 12D1188

Client Sample ID: TP-06-SS-040412-00

Prep Type: Total

Prep Batch: 12D1188_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.200	0.25		mg/kg dry	☼	123	75 - 125

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A (Continued)

Lab Sample ID: 12D1188-MSD1

Matrix: Soil

Analysis Batch: 12D1188

Client Sample ID: TP-06-SS-040412-00

Prep Type: Total

Prep Batch: 12D1188_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.197	0.22		mg/kg dry	☼	114	75 - 125	9	20

Lab Sample ID: 12D1190-BLK1

Matrix: Soil

Analysis Batch: 12D1190

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1190_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.050	mg/kg wet		04/09/12 10:55	04/09/12 14:01	1.0

Lab Sample ID: 12D1190-BS1

Matrix: Soil

Analysis Batch: 12D1190

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1190_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.164	0.18		mg/kg wet		110	80 - 120

Lab Sample ID: 12D1190-MS1

Matrix: Soil

Analysis Batch: 12D1190

Client Sample ID: TP-20-SS-040412-00

Prep Type: Total

Prep Batch: 12D1190_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.197	0.22		mg/kg dry	☼	112	75 - 125

Lab Sample ID: 12D1190-MSD1

Matrix: Soil

Analysis Batch: 12D1190

Client Sample ID: TP-20-SS-040412-00

Prep Type: Total

Prep Batch: 12D1190_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.206	0.23		mg/kg dry	☼	109	75 - 125	3	20

Method: SW846 7196A - General Chemistry Parameters

Lab Sample ID: 12D1813-BLK1

Matrix: Soil

Analysis Batch: 12D1813

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1813_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.00	1.00	mg/kg wet		04/11/12 14:15	04/12/12 10:24	1.00

Lab Sample ID: 12D1813-BS1

Matrix: Soil

Analysis Batch: 12D1813

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1813_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	40.0	39.1		mg/kg wet		98	80 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 7196A - General Chemistry Parameters (Continued)

Lab Sample ID: 12D1813-MS1

Matrix: Soil

Analysis Batch: 12D1813

Client Sample ID: TP-06-SS-040412-00

Prep Type: Total

Prep Batch: 12D1813_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	ND		48.7	45.4		mg/kg dry	☼	93	75 - 125

Lab Sample ID: 12D1813-MSD1

Matrix: Soil

Analysis Batch: 12D1813

Client Sample ID: TP-06-SS-040412-00

Prep Type: Total

Prep Batch: 12D1813_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium (VI)	ND		48.7	44.6		mg/kg dry	☼	92	75 - 125	2	20

Lab Sample ID: 12D1813-DUP1

Matrix: Soil

Analysis Batch: 12D1813

Client Sample ID: TP-06-SS-040412-00

Prep Type: Total

Prep Batch: 12D1813_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Chromium (VI)	ND		ND		mg/kg dry	☼		20

Method: SW846 9012B - General Chemistry Parameters

Lab Sample ID: 12D1595-BLK1

Matrix: Soil

Analysis Batch: 12D1595

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1595_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.00	1.00	mg/kg wet		04/11/12 13:10	04/12/12 09:43	1.00

Lab Sample ID: 12D1595-BS1

Matrix: Soil

Analysis Batch: 12D1595

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1595_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	5.00	4.53		mg/kg wet		91	80 - 120

Lab Sample ID: 12D1595-MS1

Matrix: Soil

Analysis Batch: 12D1595

Client Sample ID: TP-06-SS-040412-00

Prep Type: Total

Prep Batch: 12D1595_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	ND		6.09	6.27		mg/kg dry	☼	103	71 - 132

Lab Sample ID: 12D1595-MSD1

Matrix: Soil

Analysis Batch: 12D1595

Client Sample ID: TP-06-SS-040412-00

Prep Type: Total

Prep Batch: 12D1595_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide	ND		6.09	6.77		mg/kg dry	☼	111	71 - 132	8	19

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method: SW846 9012B - General Chemistry Parameters (Continued)

Lab Sample ID: 12D1595-DUP1

Matrix: Soil

Analysis Batch: 12D1595

Client Sample ID: TP-06-SO-040412-14

Prep Type: Total

Prep Batch: 12D1595_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Cyanide	ND		ND		mg/kg dry	✖		19

Method: SW-846 - General Chemistry Parameters

Lab Sample ID: 12D1532-DUP1

Matrix: Soil

Analysis Batch: 12D1532

Client Sample ID: Duplicate

Prep Type: Total

Prep Batch: 12D1532_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
% Dry Solids	89.3		89.0		%	—	0.3	20

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

GCMS Volatiles

Analysis Batch: V005666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C6281-BLK1	Method Blank	Total	Water	SW846 8260B	12C6281_P
12C6281-BS1	Lab Control Sample	Total	Water	SW846 8260B	12C6281_P
12C6281-BSD1	Lab Control Sample Dup	Total	Water	SW846 8260B	12C6281_P
12C6281-MS1	Matrix Spike	Total	Water	SW846 8260B	12C6281_P
12C6281-MSD1	Matrix Spike Duplicate	Total	Water	SW846 8260B	12C6281_P
NWD0424-11	Trip Blank	Total	Water	SW846 8260B	12C6281_P

Analysis Batch: V006022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0445-BLK1	Method Blank	Total	Soil	SW846 8260B	12D0445_P
12D0445-BLK2	Method Blank	Total	Soil	SW846 8260B	12D0445_P
12D0445-BS1	Lab Control Sample	Total	Soil	SW846 8260B	12D0445_P
12D0445-BSD1	Lab Control Sample Dup	Total	Soil	SW846 8260B	12D0445_P
12D0445-MS1	Matrix Spike	Total	Soil	SW846 8260B	12D0445_P
12D0445-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 8260B	12D0445_P
NWD0424-01	TP-06-SS-040412-00	Total	Soil	SW846 8260B	12D0445_P
NWD0424-02	TP-06-SO-040412-14	Total	Soil	SW846 8260B	12D0445_P
NWD0424-03	TP-07-SS-040412-00	Total	Soil	SW846 8260B	12D0445_P
NWD0424-04	TP-07-SO-040412-07	Total	Soil	SW846 8260B	12D0445_P
NWD0424-05	TP-20-SS-040412-00	Total	Soil	SW846 8260B	12D0445_P
NWD0424-06	TP-20-SO-040412-09	Total	Soil	SW846 8260B	12D0445_P
NWD0424-07	TP-21-SS-040412-00	Total	Soil	SW846 8260B	12D0445_P
NWD0424-08	TP-21-SO-040412-10	Total	Soil	SW846 8260B	12D0445_P
NWD0424-09	TP-22-SS-040412-00	Total	Soil	SW846 8260B	12D0445_P
NWD0424-10	TP-22-SO-040412-11	Total	Soil	SW846 8260B	12D0445_P

Prep Batch: 12C6281_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12C6281-BLK1	Method Blank	Total	Water	EPA 5030B	
12C6281-BS1	Lab Control Sample	Total	Water	EPA 5030B	
12C6281-BSD1	Lab Control Sample Dup	Total	Water	EPA 5030B	
12C6281-MS1	Matrix Spike	Total	Water	EPA 5030B	
12C6281-MSD1	Matrix Spike Duplicate	Total	Water	EPA 5030B	
NWD0424-11	Trip Blank	Total	Water	EPA 5030B	

Prep Batch: 12D0445_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0445-BLK1	Method Blank	Total	Soil	EPA 5035	
12D0445-BLK2	Method Blank	Total	Soil	EPA 5035	
12D0445-BS1	Lab Control Sample	Total	Soil	EPA 5035	
12D0445-BSD1	Lab Control Sample Dup	Total	Soil	EPA 5035	
12D0445-MS1	Matrix Spike	Total	Soil	EPA 5035	
12D0445-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 5035	
NWD0424-01	TP-06-SS-040412-00	Total	Soil	EPA 5035	
NWD0424-02	TP-06-SO-040412-14	Total	Soil	EPA 5035	
NWD0424-03	TP-07-SS-040412-00	Total	Soil	EPA 5035	
NWD0424-04	TP-07-SO-040412-07	Total	Soil	EPA 5035	
NWD0424-05	TP-20-SS-040412-00	Total	Soil	EPA 5035	
NWD0424-06	TP-20-SO-040412-09	Total	Soil	EPA 5035	
NWD0424-07	TP-21-SS-040412-00	Total	Soil	EPA 5035	
NWD0424-08	TP-21-SO-040412-10	Total	Soil	EPA 5035	
NWD0424-09	TP-22-SS-040412-00	Total	Soil	EPA 5035	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

GCMS Volatiles (Continued)

Prep Batch: 12D0445_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0424-10	TP-22-SO-040412-11	Total	Soil	EPA 5035	

GCMS Semivolatiles

Analysis Batch: 12D1022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1022-BLK1	Method Blank	Total	Soil	SW846 8270C	12D1022_P
12D1022-BS1	Lab Control Sample	Total	Soil	SW846 8270C	12D1022_P
12D1022-BS2	Lab Control Sample	Total	Soil	SW846 8270C	12D1022_P
12D1022-MS1	TP-06-SS-040412-00	Total	Soil	SW846 8270C	12D1022_P
12D1022-MSD1	TP-06-SS-040412-00	Total	Soil	SW846 8270C	12D1022_P
NWD0424-01	TP-06-SS-040412-00	Total	Soil	SW846 8270C	12D1022_P
NWD0424-02	TP-06-SO-040412-14	Total	Soil	SW846 8270C	12D1022_P
NWD0424-03	TP-07-SS-040412-00	Total	Soil	SW846 8270C	12D1022_P
NWD0424-04	TP-07-SO-040412-07	Total	Soil	SW846 8270C	12D1022_P
NWD0424-05	TP-20-SS-040412-00	Total	Soil	SW846 8270C	12D1022_P
NWD0424-06	TP-20-SO-040412-09	Total	Soil	SW846 8270C	12D1022_P
NWD0424-07	TP-21-SS-040412-00	Total	Soil	SW846 8270C	12D1022_P
NWD0424-08	TP-21-SO-040412-10	Total	Soil	SW846 8270C	12D1022_P
NWD0424-09	TP-22-SS-040412-00	Total	Soil	SW846 8270C	12D1022_P
NWD0424-10	TP-22-SO-040412-11	Total	Soil	SW846 8270C	12D1022_P

Prep Batch: 12D1022_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1022-BLK1	Method Blank	Total	Soil	EPA 3550C	
12D1022-BS1	Lab Control Sample	Total	Soil	EPA 3550C	
12D1022-BS2	Lab Control Sample	Total	Soil	EPA 3550C	
12D1022-MS1	TP-06-SS-040412-00	Total	Soil	EPA 3550C	
12D1022-MSD1	TP-06-SS-040412-00	Total	Soil	EPA 3550C	
NWD0424-01	TP-06-SS-040412-00	Total	Soil	EPA 3550C	
NWD0424-02	TP-06-SO-040412-14	Total	Soil	EPA 3550C	
NWD0424-03	TP-07-SS-040412-00	Total	Soil	EPA 3550C	
NWD0424-04	TP-07-SO-040412-07	Total	Soil	EPA 3550C	
NWD0424-05	TP-20-SS-040412-00	Total	Soil	EPA 3550C	
NWD0424-06	TP-20-SO-040412-09	Total	Soil	EPA 3550C	
NWD0424-07	TP-21-SS-040412-00	Total	Soil	EPA 3550C	
NWD0424-08	TP-21-SO-040412-10	Total	Soil	EPA 3550C	
NWD0424-09	TP-22-SS-040412-00	Total	Soil	EPA 3550C	
NWD0424-10	TP-22-SO-040412-11	Total	Soil	EPA 3550C	

Pesticides

Analysis Batch: V005699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0861-BLK1	Method Blank	Total	Soil	SW846 8015B	12D0861_P
12D0861-BS1	Lab Control Sample	Total	Soil	SW846 8015B	12D0861_P
12D0861-MS1	Matrix Spike	Total	Soil	SW846 8015B	12D0861_P
12D0861-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 8015B	12D0861_P
NWD0424-01	TP-06-SS-040412-00	Total	Soil	SW846 8015B	12D0861_P
NWD0424-02	TP-06-SO-040412-14	Total	Soil	SW846 8015B	12D0861_P
NWD0424-03	TP-07-SS-040412-00	Total	Soil	SW846 8015B	12D0861_P
NWD0424-04	TP-07-SO-040412-07	Total	Soil	SW846 8015B	12D0861_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Pesticides (Continued)

Analysis Batch: V005699 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0424-05	TP-20-SS-040412-00	Total	Soil	SW846 8015B	12D0861_P
NWD0424-06	TP-20-SO-040412-09	Total	Soil	SW846 8015B	12D0861_P
NWD0424-07	TP-21-SS-040412-00	Total	Soil	SW846 8015B	12D0861_P
NWD0424-08	TP-21-SO-040412-10	Total	Soil	SW846 8015B	12D0861_P
NWD0424-09	TP-22-SS-040412-00	Total	Soil	SW846 8015B	12D0861_P
NWD0424-10	TP-22-SO-040412-11	Total	Soil	SW846 8015B	12D0861_P

Analysis Batch: V005775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1020-BLK1	Method Blank	Total	Soil	SW846 8082	12D1020_P
12D1020-MS1	TP-06-SS-040412-00	Total	Soil	SW846 8082	12D1020_P
12D1020-MSD1	TP-06-SS-040412-00	Total	Soil	SW846 8082	12D1020_P
NWD0424-01	TP-06-SS-040412-00	Total	Soil	SW846 8082	12D1020_P
NWD0424-02	TP-06-SO-040412-14	Total	Soil	SW846 8082	12D1020_P

Analysis Batch: V005823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1020-BS1	Lab Control Sample	Total	Soil	SW846 8082	12D1020_P
NWD0424-03 - RE1	TP-07-SS-040412-00	Total	Soil	SW846 8082	12D1020_P
NWD0424-05 - RE1	TP-20-SS-040412-00	Total	Soil	SW846 8082	12D1020_P
NWD0424-06 - RE1	TP-20-SO-040412-09	Total	Soil	SW846 8082	12D1020_P
NWD0424-07 - RE1	TP-21-SS-040412-00	Total	Soil	SW846 8082	12D1020_P
NWD0424-08 - RE1	TP-21-SO-040412-10	Total	Soil	SW846 8082	12D1020_P
NWD0424-09 - RE1	TP-22-SS-040412-00	Total	Soil	SW846 8082	12D1020_P

Analysis Batch: V005824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1295-BLK1	Method Blank	Total	Soil	SW846 8082	12D1295_P
12D1295-BS1	Lab Control Sample	Total	Soil	SW846 8082	12D1295_P
12D1295-MS1	TP-07-SO-040412-07	Total	Soil	SW846 8082	12D1295_P
12D1295-MSD1	TP-07-SO-040412-07	Total	Soil	SW846 8082	12D1295_P
NWD0424-04	TP-07-SO-040412-07	Total	Soil	SW846 8082	12D1295_P

Analysis Batch: V005978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0424-10 - RE2	TP-22-SO-040412-11	Total	Soil	SW846 8082	12D1020_P

Prep Batch: 12D0861_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D0861-BLK1	Method Blank	Total	Soil	NO PREP-PEST	
12D0861-BS1	Lab Control Sample	Total	Soil	NO PREP-PEST	
12D0861-MS1	Matrix Spike	Total	Soil	NO PREP-PEST	
12D0861-MSD1	Matrix Spike Duplicate	Total	Soil	NO PREP-PEST	
NWD0424-01	TP-06-SS-040412-00	Total	Soil	NO PREP-PEST	
NWD0424-02	TP-06-SO-040412-14	Total	Soil	NO PREP-PEST	
NWD0424-03	TP-07-SS-040412-00	Total	Soil	NO PREP-PEST	
NWD0424-04	TP-07-SO-040412-07	Total	Soil	NO PREP-PEST	
NWD0424-05	TP-20-SS-040412-00	Total	Soil	NO PREP-PEST	
NWD0424-06	TP-20-SO-040412-09	Total	Soil	NO PREP-PEST	
NWD0424-07	TP-21-SS-040412-00	Total	Soil	NO PREP-PEST	
NWD0424-08	TP-21-SO-040412-10	Total	Soil	NO PREP-PEST	
NWD0424-09	TP-22-SS-040412-00	Total	Soil	NO PREP-PEST	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Pesticides (Continued)

Prep Batch: 12D0861_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0424-10	TP-22-SO-040412-11	Total	Soil	NO PREP-PEST	

Prep Batch: 12D1020_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1020-BLK1	Method Blank	Total	Soil	EPA 3550C/3665A	
12D1020-BS1	Lab Control Sample	Total	Soil	EPA 3550C/3665A	
12D1020-MS1	TP-06-SS-040412-00	Total	Soil	EPA 3550C/3665A	
12D1020-MSD1	TP-06-SS-040412-00	Total	Soil	EPA 3550C/3665A	
NWD0424-01	TP-06-SS-040412-00	Total	Soil	EPA 3550C/3665A	
NWD0424-02	TP-06-SO-040412-14	Total	Soil	EPA 3550C/3665A	
NWD0424-03 - RE1	TP-07-SS-040412-00	Total	Soil	EPA 3550C/3665A	
NWD0424-05 - RE1	TP-20-SS-040412-00	Total	Soil	EPA 3550C/3665A	
NWD0424-06 - RE1	TP-20-SO-040412-09	Total	Soil	EPA 3550C/3665A	
NWD0424-07 - RE1	TP-21-SS-040412-00	Total	Soil	EPA 3550C/3665A	
NWD0424-08 - RE1	TP-21-SO-040412-10	Total	Soil	EPA 3550C/3665A	
NWD0424-09 - RE1	TP-22-SS-040412-00	Total	Soil	EPA 3550C/3665A	
NWD0424-10 - RE2	TP-22-SO-040412-11	Total	Soil	EPA 3550C/3665A	

Prep Batch: 12D1295_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1295-BLK1	Method Blank	Total	Soil	EPA 3550C/3665A	
12D1295-BS1	Lab Control Sample	Total	Soil	EPA 3550C/3665A	
12D1295-MS1	TP-07-SO-040412-07	Total	Soil	EPA 3550C/3665A	
12D1295-MSD1	TP-07-SO-040412-07	Total	Soil	EPA 3550C/3665A	
NWD0424-04	TP-07-SO-040412-07	Total	Soil	EPA 3550C/3665A	

Metals

Analysis Batch: 12D1188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1188-BLK1	Method Blank	Total	Soil	SW846 7471A	12D1188_P
12D1188-BS1	Lab Control Sample	Total	Soil	SW846 7471A	12D1188_P
12D1188-MS1	TP-06-SS-040412-00	Total	Soil	SW846 7471A	12D1188_P
12D1188-MSD1	TP-06-SS-040412-00	Total	Soil	SW846 7471A	12D1188_P
NWD0424-01	TP-06-SS-040412-00	Total	Soil	SW846 7471A	12D1188_P
NWD0424-02	TP-06-SO-040412-14	Total	Soil	SW846 7471A	12D1188_P
NWD0424-03	TP-07-SS-040412-00	Total	Soil	SW846 7471A	12D1188_P
NWD0424-04	TP-07-SO-040412-07	Total	Soil	SW846 7471A	12D1188_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Metals (Continued)

Analysis Batch: 12D1190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1190-BLK1	Method Blank	Total	Soil	SW846 7471A	12D1190_P
12D1190-BS1	Lab Control Sample	Total	Soil	SW846 7471A	12D1190_P
12D1190-MS1	TP-20-SS-040412-00	Total	Soil	SW846 7471A	12D1190_P
12D1190-MSD1	TP-20-SS-040412-00	Total	Soil	SW846 7471A	12D1190_P
NWD0424-05	TP-20-SS-040412-00	Total	Soil	SW846 7471A	12D1190_P
NWD0424-06	TP-20-SO-040412-09	Total	Soil	SW846 7471A	12D1190_P
NWD0424-07	TP-21-SS-040412-00	Total	Soil	SW846 7471A	12D1190_P
NWD0424-08	TP-21-SO-040412-10	Total	Soil	SW846 7471A	12D1190_P
NWD0424-09	TP-22-SS-040412-00	Total	Soil	SW846 7471A	12D1190_P
NWD0424-10	TP-22-SO-040412-11	Total	Soil	SW846 7471A	12D1190_P

Analysis Batch: 12D1740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1740-BLK1	Method Blank	Total	Soil	SW846 6010B	12D1740_P
12D1740-BS1	Lab Control Sample	Total	Soil	SW846 6010B	12D1740_P
12D1740-MS1	Matrix Spike	Total	Soil	SW846 6010B	12D1740_P
12D1740-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 6010B	12D1740_P
NWD0424-01	TP-06-SS-040412-00	Total	Soil	SW846 6010B	12D1740_P
NWD0424-02	TP-06-SO-040412-14	Total	Soil	SW846 6010B	12D1740_P
NWD0424-03	TP-07-SS-040412-00	Total	Soil	SW846 6010B	12D1740_P
NWD0424-04	TP-07-SO-040412-07	Total	Soil	SW846 6010B	12D1740_P
NWD0424-05	TP-20-SS-040412-00	Total	Soil	SW846 6010B	12D1740_P
NWD0424-06	TP-20-SO-040412-09	Total	Soil	SW846 6010B	12D1740_P
NWD0424-07	TP-21-SS-040412-00	Total	Soil	SW846 6010B	12D1740_P
NWD0424-08	TP-21-SO-040412-10	Total	Soil	SW846 6010B	12D1740_P
NWD0424-09	TP-22-SS-040412-00	Total	Soil	SW846 6010B	12D1740_P
NWD0424-10	TP-22-SO-040412-11	Total	Soil	SW846 6010B	12D1740_P

Prep Batch: 12D1188_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1188-BLK1	Method Blank	Total	Soil	EPA 7471	
12D1188-BS1	Lab Control Sample	Total	Soil	EPA 7471	
12D1188-MS1	TP-06-SS-040412-00	Total	Soil	EPA 7471	
12D1188-MSD1	TP-06-SS-040412-00	Total	Soil	EPA 7471	
NWD0424-01	TP-06-SS-040412-00	Total	Soil	EPA 7471	
NWD0424-02	TP-06-SO-040412-14	Total	Soil	EPA 7471	
NWD0424-03	TP-07-SS-040412-00	Total	Soil	EPA 7471	
NWD0424-04	TP-07-SO-040412-07	Total	Soil	EPA 7471	

Prep Batch: 12D1190_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1190-BLK1	Method Blank	Total	Soil	EPA 7471	
12D1190-BS1	Lab Control Sample	Total	Soil	EPA 7471	
12D1190-MS1	TP-20-SS-040412-00	Total	Soil	EPA 7471	
12D1190-MSD1	TP-20-SS-040412-00	Total	Soil	EPA 7471	
NWD0424-05	TP-20-SS-040412-00	Total	Soil	EPA 7471	
NWD0424-06	TP-20-SO-040412-09	Total	Soil	EPA 7471	
NWD0424-07	TP-21-SS-040412-00	Total	Soil	EPA 7471	
NWD0424-08	TP-21-SO-040412-10	Total	Soil	EPA 7471	
NWD0424-09	TP-22-SS-040412-00	Total	Soil	EPA 7471	
NWD0424-10	TP-22-SO-040412-11	Total	Soil	EPA 7471	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Metals (Continued)

Prep Batch: 12D1740_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1740-BLK1	Method Blank	Total	Soil	EPA 3051A/6010	
12D1740-BS1	Lab Control Sample	Total	Soil	EPA 3051A/6010	
12D1740-MS1	Matrix Spike	Total	Soil	EPA 3051A/6010	
12D1740-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 3051A/6010	
NWD0424-01	TP-06-SS-040412-00	Total	Soil	EPA 3051A/6010	
NWD0424-02	TP-06-SO-040412-14	Total	Soil	EPA 3051A/6010	
NWD0424-03	TP-07-SS-040412-00	Total	Soil	EPA 3051A/6010	
NWD0424-04	TP-07-SO-040412-07	Total	Soil	EPA 3051A/6010	
NWD0424-05	TP-20-SS-040412-00	Total	Soil	EPA 3051A/6010	
NWD0424-06	TP-20-SO-040412-09	Total	Soil	EPA 3051A/6010	
NWD0424-07	TP-21-SS-040412-00	Total	Soil	EPA 3051A/6010	
NWD0424-08	TP-21-SO-040412-10	Total	Soil	EPA 3051A/6010	
NWD0424-09	TP-22-SS-040412-00	Total	Soil	EPA 3051A/6010	
NWD0424-10	TP-22-SO-040412-11	Total	Soil	EPA 3051A/6010	

WetChem

Analysis Batch: 12D1595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1595-BLK1	Method Blank	Total	Soil	SW846 9012B	12D1595_P
12D1595-BS1	Lab Control Sample	Total	Soil	SW846 9012B	12D1595_P
12D1595-DUP1	TP-06-SO-040412-14	Total	Soil	SW846 9012B	12D1595_P
12D1595-MS1	TP-06-SS-040412-00	Total	Soil	SW846 9012B	12D1595_P
12D1595-MSD1	TP-06-SS-040412-00	Total	Soil	SW846 9012B	12D1595_P
NWD0424-01	TP-06-SS-040412-00	Total	Soil	SW846 9012B	12D1595_P
NWD0424-02	TP-06-SO-040412-14	Total	Soil	SW846 9012B	12D1595_P
NWD0424-03	TP-07-SS-040412-00	Total	Soil	SW846 9012B	12D1595_P
NWD0424-04	TP-07-SO-040412-07	Total	Soil	SW846 9012B	12D1595_P
NWD0424-05	TP-20-SS-040412-00	Total	Soil	SW846 9012B	12D1595_P
NWD0424-06	TP-20-SO-040412-09	Total	Soil	SW846 9012B	12D1595_P
NWD0424-07	TP-21-SS-040412-00	Total	Soil	SW846 9012B	12D1595_P
NWD0424-08	TP-21-SO-040412-10	Total	Soil	SW846 9012B	12D1595_P
NWD0424-09	TP-22-SS-040412-00	Total	Soil	SW846 9012B	12D1595_P
NWD0424-10	TP-22-SO-040412-11	Total	Soil	SW846 9012B	12D1595_P

Analysis Batch: 12D1813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1813-BLK1	Method Blank	Total	Soil	SW846 7196A	12D1813_P
12D1813-BS1	Lab Control Sample	Total	Soil	SW846 7196A	12D1813_P
12D1813-DUP1	TP-06-SS-040412-00	Total	Soil	SW846 7196A	12D1813_P
12D1813-MS1	TP-06-SS-040412-00	Total	Soil	SW846 7196A	12D1813_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

WetChem (Continued)

Analysis Batch: 12D1813 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1813-MSD1	TP-06-SS-040412-00	Total	Soil	SW846 7196A	12D1813_P
12D1813-PS1	TP-06-SS-040412-00	Total	Soil	SW846 7196A	12D1813_P
NWD0424-01	TP-06-SS-040412-00	Total	Soil	SW846 7196A	12D1813_P
NWD0424-02	TP-06-SO-040412-14	Total	Soil	SW846 7196A	12D1813_P
NWD0424-03	TP-07-SS-040412-00	Total	Soil	SW846 7196A	12D1813_P
NWD0424-04	TP-07-SO-040412-07	Total	Soil	SW846 7196A	12D1813_P
NWD0424-05	TP-20-SS-040412-00	Total	Soil	SW846 7196A	12D1813_P
NWD0424-06	TP-20-SO-040412-09	Total	Soil	SW846 7196A	12D1813_P
NWD0424-07	TP-21-SS-040412-00	Total	Soil	SW846 7196A	12D1813_P
NWD0424-08	TP-21-SO-040412-10	Total	Soil	SW846 7196A	12D1813_P
NWD0424-09	TP-22-SS-040412-00	Total	Soil	SW846 7196A	12D1813_P
NWD0424-10	TP-22-SO-040412-11	Total	Soil	SW846 7196A	12D1813_P

Prep Batch: 12D1595_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1595-BLK1	Method Blank	Total	Soil	NO PREP	
12D1595-BS1	Lab Control Sample	Total	Soil	NO PREP	
12D1595-DUP1	TP-06-SO-040412-14	Total	Soil	NO PREP	
12D1595-MS1	TP-06-SS-040412-00	Total	Soil	NO PREP	
12D1595-MSD1	TP-06-SS-040412-00	Total	Soil	NO PREP	
NWD0424-01	TP-06-SS-040412-00	Total	Soil	NO PREP	
NWD0424-02	TP-06-SO-040412-14	Total	Soil	NO PREP	
NWD0424-03	TP-07-SS-040412-00	Total	Soil	NO PREP	
NWD0424-04	TP-07-SO-040412-07	Total	Soil	NO PREP	
NWD0424-05	TP-20-SS-040412-00	Total	Soil	NO PREP	
NWD0424-06	TP-20-SO-040412-09	Total	Soil	NO PREP	
NWD0424-07	TP-21-SS-040412-00	Total	Soil	NO PREP	
NWD0424-08	TP-21-SO-040412-10	Total	Soil	NO PREP	
NWD0424-09	TP-22-SS-040412-00	Total	Soil	NO PREP	
NWD0424-10	TP-22-SO-040412-11	Total	Soil	NO PREP	

Prep Batch: 12D1813_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1813-BLK1	Method Blank	Total	Soil	NO PREP	
12D1813-BS1	Lab Control Sample	Total	Soil	NO PREP	
12D1813-DUP1	TP-06-SS-040412-00	Total	Soil	NO PREP	
12D1813-MS1	TP-06-SS-040412-00	Total	Soil	NO PREP	
12D1813-MSD1	TP-06-SS-040412-00	Total	Soil	NO PREP	
12D1813-PS1	TP-06-SS-040412-00	Total	Soil	NO PREP	
NWD0424-01	TP-06-SS-040412-00	Total	Soil	NO PREP	
NWD0424-02	TP-06-SO-040412-14	Total	Soil	NO PREP	
NWD0424-03	TP-07-SS-040412-00	Total	Soil	NO PREP	
NWD0424-04	TP-07-SO-040412-07	Total	Soil	NO PREP	
NWD0424-05	TP-20-SS-040412-00	Total	Soil	NO PREP	
NWD0424-06	TP-20-SO-040412-09	Total	Soil	NO PREP	
NWD0424-07	TP-21-SS-040412-00	Total	Soil	NO PREP	
NWD0424-08	TP-21-SO-040412-10	Total	Soil	NO PREP	
NWD0424-09	TP-22-SS-040412-00	Total	Soil	NO PREP	
NWD0424-10	TP-22-SO-040412-11	Total	Soil	NO PREP	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Extractions

Analysis Batch: 12D1532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1532-DUP1	Duplicate	Total	Soil	SW-846	12D1532_P
NWD0424-01	TP-06-SS-040412-00	Total	Soil	SW-846	12D1532_P
NWD0424-02	TP-06-SO-040412-14	Total	Soil	SW-846	12D1532_P
NWD0424-03	TP-07-SS-040412-00	Total	Soil	SW-846	12D1532_P
NWD0424-04	TP-07-SO-040412-07	Total	Soil	SW-846	12D1532_P
NWD0424-05	TP-20-SS-040412-00	Total	Soil	SW-846	12D1532_P
NWD0424-06	TP-20-SO-040412-09	Total	Soil	SW-846	12D1532_P
NWD0424-07	TP-21-SS-040412-00	Total	Soil	SW-846	12D1532_P
NWD0424-08	TP-21-SO-040412-10	Total	Soil	SW-846	12D1532_P
NWD0424-09	TP-22-SS-040412-00	Total	Soil	SW-846	12D1532_P
NWD0424-10	TP-22-SO-040412-11	Total	Soil	SW-846	12D1532_P

Prep Batch: 12D1532_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1532-DUP1	Duplicate	Total	Soil	% Solids	
NWD0424-01	TP-06-SS-040412-00	Total	Soil	% Solids	
NWD0424-02	TP-06-SO-040412-14	Total	Soil	% Solids	
NWD0424-03	TP-07-SS-040412-00	Total	Soil	% Solids	
NWD0424-04	TP-07-SO-040412-07	Total	Soil	% Solids	
NWD0424-05	TP-20-SS-040412-00	Total	Soil	% Solids	
NWD0424-06	TP-20-SO-040412-09	Total	Soil	% Solids	
NWD0424-07	TP-21-SS-040412-00	Total	Soil	% Solids	
NWD0424-08	TP-21-SO-040412-10	Total	Soil	% Solids	
NWD0424-09	TP-22-SS-040412-00	Total	Soil	% Solids	
NWD0424-10	TP-22-SO-040412-11	Total	Soil	% Solids	

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-06-SS-040412-00

Lab Sample ID: NWD0424-01

Date Collected: 04/04/12 15:07

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.774	12D0445_P	04/04/12 15:07	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006022	04/11/12 20:17	MJH /	TAL NSH
Total	Prep	EPA 3550C		0.973	12D1022_P	04/07/12 07:05	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1022	04/08/12 15:43	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0861_P	04/06/12 16:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005699	04/06/12 20:16	AMJ	TAL NSH
Total	Prep	EPA 3550C/3665A		0.996	12D1020_P	04/06/12 11:00	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005775	04/09/12 17:18	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		1.01	12D1740_P	04/11/12 11:03	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1740	04/12/12 17:43	DEB	TAL NSH
Total	Prep	EPA 7471		0.97	12D1188_P	04/11/12 10:20	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1188	04/12/12 08:24	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D1813_P	04/11/12 14:15	CLJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1813	04/12/12 10:24	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D1595_P	04/11/12 13:10	REM	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D1595	04/12/12 09:46	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1532_P	04/09/12 11:10	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1532	04/10/12 11:34	RRS	TAL NSH

Client Sample ID: TP-06-SO-040412-14

Lab Sample ID: NWD0424-02

Date Collected: 04/04/12 15:27

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 79.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.825	12D0445_P	04/04/12 15:27	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006022	04/11/12 20:45	MJH /	TAL NSH
Total	Prep	EPA 3550C		0.991	12D1022_P	04/07/12 07:05	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1022	04/08/12 16:01	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0861_P	04/06/12 16:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005699	04/06/12 20:32	AMJ	TAL NSH
Total	Prep	EPA 3550C/3665A		0.989	12D1020_P	04/06/12 11:00	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005775	04/09/12 17:36	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.952	12D1740_P	04/11/12 11:03	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1740	04/12/12 17:46	DEB	TAL NSH
Total	Prep	EPA 7471		0.98	12D1188_P	04/11/12 10:20	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1188	04/12/12 08:30	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D1813_P	04/11/12 14:15	CLJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1813	04/12/12 10:24	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D1595_P	04/11/12 13:10	REM	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D1595	04/12/12 09:48	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1532_P	04/09/12 11:10	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1532	04/10/12 11:34	RRS	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-07-SS-040412-00

Lab Sample ID: NWD0424-03

Date Collected: 04/04/12 09:09

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.589	12D0445_P	04/04/12 09:09	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006022	04/11/12 21:13	MJH /	TAL NSH
Total	Prep	EPA 3550C		0.988	12D1022_P	04/07/12 07:05	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1022	04/08/12 16:19	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0861_P	04/06/12 16:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005699	04/06/12 20:47	AMJ	TAL NSH
Total	Prep	EPA 3550C/3665A	RE1	0.978	12D1020_P	04/06/12 11:00	JJR	TAL NSH
Total	Analysis	SW846 8082	RE1	1.00	V005823	04/10/12 14:15	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.956	12D1740_P	04/11/12 11:03	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1740	04/12/12 17:50	DEB	TAL NSH
Total	Prep	EPA 7471		0.99	12D1188_P	04/11/12 10:20	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1188	04/12/12 08:33	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D1813_P	04/11/12 14:15	CLJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1813	04/12/12 10:24	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D1595_P	04/11/12 13:10	REM	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D1595	04/12/12 09:51	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1532_P	04/09/12 11:10	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1532	04/10/12 11:34	RRS	TAL NSH

Client Sample ID: TP-07-SO-040412-07

Lab Sample ID: NWD0424-04

Date Collected: 04/04/12 10:16

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 77.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.753	12D0445_P	04/04/12 10:16	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006022	04/11/12 21:41	MJH /	TAL NSH
Total	Prep	EPA 3550C		0.985	12D1022_P	04/07/12 07:05	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1022	04/08/12 16:38	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0861_P	04/06/12 16:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005699	04/06/12 21:02	AMJ	TAL NSH
Total	Prep	EPA 3550C/3665A		0.995	12D1295_P	04/07/12 07:55	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005824	04/11/12 03:02	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.998	12D1740_P	04/11/12 11:03	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1740	04/12/12 17:53	DEB	TAL NSH
Total	Prep	EPA 7471		0.96	12D1188_P	04/11/12 10:20	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1188	04/12/12 08:35	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D1813_P	04/11/12 14:15	CLJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1813	04/12/12 10:24	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D1595_P	04/11/12 13:10	REM	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D1595	04/12/12 09:52	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1532_P	04/09/12 11:10	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1532	04/10/12 11:34	RRS	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-20-SS-040412-00

Lab Sample ID: NWD0424-05

Date Collected: 04/04/12 07:49

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.776	12D0445_P	04/04/12 07:49	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006022	04/11/12 22:09	MJH /	TAL NSH
Total	Prep	EPA 3550C		0.981	12D1022_P	04/07/12 07:05	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1022	04/08/12 16:57	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0861_P	04/06/12 16:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005699	04/06/12 21:48	AMJ	TAL NSH
Total	Prep	EPA 3550C/3665A	RE1	0.996	12D1020_P	04/06/12 11:00	JJR	TAL NSH
Total	Analysis	SW846 8082	RE1	1.00	V005823	04/10/12 14:34	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.975	12D1740_P	04/11/12 11:03	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1740	04/12/12 17:56	DEB	TAL NSH
Total	Prep	EPA 7471		0.96	12D1190_P	04/09/12 10:55	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1190	04/09/12 14:05	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D1813_P	04/11/12 14:15	CLJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1813	04/12/12 10:24	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D1595_P	04/11/12 13:10	REM	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D1595	04/12/12 09:53	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1532_P	04/09/12 11:10	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1532	04/10/12 11:34	RRS	TAL NSH

Client Sample ID: TP-20-SO-040412-09

Lab Sample ID: NWD0424-06

Date Collected: 04/04/12 08:25

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 74.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.763	12D0445_P	04/04/12 08:25	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006022	04/11/12 22:37	MJH /	TAL NSH
Total	Prep	EPA 3550C		0.980	12D1022_P	04/07/12 07:05	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1022	04/08/12 17:15	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0861_P	04/06/12 16:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005699	04/06/12 22:04	AMJ	TAL NSH
Total	Prep	EPA 3550C/3665A	RE1	0.975	12D1020_P	04/06/12 11:00	JJR	TAL NSH
Total	Analysis	SW846 8082	RE1	1.00	V005823	04/10/12 14:53	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.965	12D1740_P	04/11/12 11:03	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1740	04/12/12 17:59	DEB	TAL NSH
Total	Prep	EPA 7471		0.99	12D1190_P	04/09/12 10:55	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1190	04/09/12 14:16	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D1813_P	04/11/12 14:15	CLJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1813	04/12/12 10:24	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D1595_P	04/11/12 13:10	REM	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D1595	04/12/12 09:53	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1532_P	04/09/12 11:10	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1532	04/10/12 11:34	RRS	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-21-SS-040412-00

Lab Sample ID: NWD0424-07

Date Collected: 04/04/12 11:18

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 79.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.806	12D0445_P	04/04/12 11:18	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006022	04/11/12 23:05	MJH /	TAL NSH
Total	Prep	EPA 3550C		0.970	12D1022_P	04/07/12 07:05	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1022	04/08/12 17:34	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0861_P	04/06/12 16:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005699	04/06/12 22:19	AMJ	TAL NSH
Total	Prep	EPA 3550C/3665A	RE1	0.969	12D1020_P	04/06/12 11:00	JJR	TAL NSH
Total	Analysis	SW846 8082	RE1	1.00	V005823	04/10/12 15:12	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		1.01	12D1740_P	04/11/12 11:03	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1740	04/12/12 18:13	DEB	TAL NSH
Total	Prep	EPA 7471		0.96	12D1190_P	04/09/12 10:55	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1190	04/09/12 14:18	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D1813_P	04/11/12 14:15	CLJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1813	04/12/12 10:24	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D1595_P	04/11/12 13:10	REM	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D1595	04/12/12 09:54	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1532_P	04/09/12 11:10	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1532	04/10/12 11:34	RRS	TAL NSH

Client Sample ID: TP-21-SO-040412-10

Lab Sample ID: NWD0424-08

Date Collected: 04/04/12 12:06

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 73.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.776	12D0445_P	04/04/12 12:06	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006022	04/11/12 23:33	MJH /	TAL NSH
Total	Prep	EPA 3550C		0.972	12D1022_P	04/07/12 07:05	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1022	04/08/12 17:53	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0861_P	04/06/12 16:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005699	04/06/12 22:34	AMJ	TAL NSH
Total	Prep	EPA 3550C/3665A	RE1	0.989	12D1020_P	04/06/12 11:00	JJR	TAL NSH
Total	Analysis	SW846 8082	RE1	1.00	V005823	04/10/12 15:30	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.956	12D1740_P	04/11/12 11:03	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1740	04/12/12 18:16	DEB	TAL NSH
Total	Prep	EPA 7471		0.98	12D1190_P	04/09/12 10:55	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1190	04/09/12 14:20	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D1813_P	04/11/12 14:15	CLJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1813	04/12/12 10:24	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D1595_P	04/11/12 13:10	REM	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D1595	04/12/12 09:55	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1532_P	04/09/12 11:10	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1532	04/10/12 11:34	RRS	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: TP-22-SS-040412-00

Lab Sample ID: NWD0424-09

Date Collected: 04/04/12 13:22

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 82.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.794	12D0445_P	04/04/12 13:22	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006022	04/12/12 00:01	MJH /	TAL NSH
Total	Prep	EPA 3550C		0.977	12D1022_P	04/07/12 07:05	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1022	04/08/12 18:11	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0861_P	04/06/12 16:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005699	04/06/12 22:50	AMJ	TAL NSH
Total	Prep	EPA 3550C/3665A	RE1	0.997	12D1020_P	04/06/12 11:00	JJR	TAL NSH
Total	Analysis	SW846 8082	RE1	1.00	V005823	04/10/12 15:49	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.973	12D1740_P	04/11/12 11:03	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1740	04/12/12 18:20	DEB	TAL NSH
Total	Prep	EPA 7471		0.97	12D1190_P	04/09/12 10:55	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1190	04/09/12 14:22	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D1813_P	04/11/12 14:15	CLJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1813	04/12/12 10:24	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D1595_P	04/11/12 13:10	REM	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D1595	04/12/12 09:56	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1532_P	04/09/12 11:10	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1532	04/10/12 11:34	RRS	TAL NSH

Client Sample ID: TP-22-SO-040412-11

Lab Sample ID: NWD0424-10

Date Collected: 04/04/12 14:10

Matrix: Soil

Date Received: 04/05/12 08:00

Percent Solids: 81

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.806	12D0445_P	04/04/12 14:10	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006022	04/12/12 00:30	MJH /	TAL NSH
Total	Prep	EPA 3550C		0.978	12D1022_P	04/07/12 07:05	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1022	04/08/12 18:30	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D0861_P	04/06/12 16:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005699	04/06/12 23:05	AMJ	TAL NSH
Total	Prep	EPA 3550C/3665A	RE2	0.971	12D1020_P	04/06/12 11:00	JJR	TAL NSH
Total	Analysis	SW846 8082	RE2	1.00	V005978	04/12/12 10:57	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.971	12D1740_P	04/11/12 11:03	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1740	04/12/12 18:23	DEB	TAL NSH
Total	Prep	EPA 7471		1.0	12D1190_P	04/09/12 10:55	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1190	04/09/12 14:24	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D1813_P	04/11/12 14:15	CLJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1813	04/12/12 10:24	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D1595_P	04/11/12 13:10	REM	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D1595	04/12/12 09:56	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1532_P	04/09/12 11:10	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1532	04/10/12 11:34	RRS	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Client Sample ID: Trip Blank
Date Collected: 04/04/12 00:01
Date Received: 04/05/12 08:00

Lab Sample ID: NWD0424-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12C6281_P	04/05/12 14:42	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V005666	04/05/12 19:48	FKG	TAL NSH

Laboratory References:
TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Method Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Method	Method Description	Protocol	Laboratory
SW-846	General Chemistry Parameters		TAL NSH
SW846 8260B	Volatile Organic Compounds by EPA Method 8260B		TAL NSH
SW846 8270C	Semivolatile Organic Compounds by EPA Method 8270C		TAL NSH
SW846 8015B	Glycols by EPA Method 8015 (modified)		TAL NSH
SW846 8082	Polychlorinated Biphenyls by EPA Method 8082		TAL NSH
SW846 6010B	Total Metals by EPA Method 6010B		TAL NSH
SW846 7471A	Mercury by EPA Methods 7470A/7471A		TAL NSH
SW846 7196A	General Chemistry Parameters		TAL NSH
SW846 9012B	General Chemistry Parameters		TAL NSH

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Certification Summary

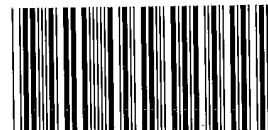
Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0424

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Nashville		ACIL		393
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska (UST)	State Program	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas DEQ	State Program	6	88-0737
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Canadian Assoc Lab Accred (CALA)	Canada		3744
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Florida	NELAC	4	E87358
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Kentucky (UST)	State Program	4	19
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Louisiana	NELAC	6	LA110014
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana (UST)	State Program	8	NA
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina DENR	State Program	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio VAP	State Program	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	USDA	Federal		S-48469
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	NELAC	3	460152
TestAmerica Nashville	Virginia	State Program	3	00323
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia DEP	State Program	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430
TestAmerica Nashville	Wyoming (UST)	A2LA	8	453.07

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

COOLER RECEIPT



Cooler Received/Opened On 4/5/2012 @ 0800

NWD0424

1. Tracking # 2802 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 1.7 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: (1) Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) AN

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # P.H.

I certify that I unloaded the cooler and answered questions 7-14 (initial) P.H.

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) P.H.

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) P.H.

I certify that I attached a label with the unique LIMS number to each container (initial) P.H.

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#

Client: Haley & Aldrich (Lenexa)
Address: 8735 Rosehill Road, Suite 340
City, State, Zip: Lenexa KS 66215-6949
Client Invoice Contact: Accounts Payable
Client Project Mgr: Mariruth Gruis
Client Telephone#: (913) 217-6907 Fax: (913) 217-6957
Sampler Name (Print): John Knightly
Sampler Signature: [Signature]

TA Account #: 532031 PO #:
Invoice to: Haley & Aldrich
Report to: Mariruth Gruis
Project Name: Leeds Facility
Facility ID: [none]
Reg District (CA):
Site Address:
City, State, Zip: Missouri

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative				Matrix				Analyze for										RUSH TAT (Pre Schedule)*								
							Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	(specify) Other	8015B Ethylene Glyco	8082 PCBs	8260B Extended list VOA	8270C Extended SVOA		Chromium, Hexavalent by EPA 7196	Cyanide Total 9012B	Flashpoint 1010 Closed Cup	Metals, TAL (23) 6010/7471 soil	PH 9040C (+T)	Solids Percent Dry Weight	AL MET WATER 6020/6010B/7470A	
1 ✓ TP-06-SS-040412-00	4/4/12	1507	6	X			1	2					3	3				6		X	X	X	X	X	X	X	X	X	X	X	X		
2 ✓ TP-06-SS-040412-14	4/4/12	1527	6	X			1	2					3	3				6		X	X	X	X	X	X	X	X	X	X	X	X		
3 ✓ TP-07-SS-040412-00	4/4/12	0909	6	X			1	2					3	3				6		X	X	X	X	X	X	X	X	X	X	X	X		
4 TP-07-SS-040412-07	4/4/12	1016	6	X			1	2					3	3				6		X	X	X	X	X	X	X	X	X	X	X	X		
5 ✓ TP-20-SS-040412-00	4/4/12	0749	6	X			1	2					3	3				6		X	X	X	X	X	X	X	X	X	X	X	X		
6 ✓ TP-20-SS-040412-09	4/4/12	0825	6	X			1	2					3	3				6		X	X	X	X	X	X	X	X	X	X	X	X		
7 ✓ TP-21-SS-040412-00	4/4/12	1118	6	X			1	2					3	3				6		X	X	X	X	X	X	X	X	X	X	X	X		
8 ✓ TP-21-SS-040412-10	4/4/12	1206	6	X			1	2					3	3				6		X	X	X	X	X	X	X	X	X	X	X	X		
9 ✓ TP-22-SS-040412-00	4/4/12	1322	6	X			1	2					3	3				6		X	X	X	X	X	X	X	X	X	X	X	X		
10 ✓ TP-22-SS-040412-11	4/4/12	1410	6	X			1	2					3	3				6		X	X	X	X	X	X	X	X	X	X	X	X		

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

* Pre-Arrangements must be made AT LEAST 48 Hours IN ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 28973

Relinquished by: <u>[Signature]</u>	Date: <u>4/4/12</u>	Time: <u>1830</u>	Received by: <u>Paul A. Niu / TAN</u>	Date: <u>4/5/12</u>	Time: <u>09:00</u>	Relinquished by:	Date:	Time:
Shipped Via:			Shipped Via:			QC Deliverables (Please Circle One) : Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)		
Received for TestAmerica by:		Date:	Time:	Temperature Upon Receipt: <u>1.70C</u>		Sample Containers Intact? Y N		Date Due of Report:
				VOCs Free of Headspace? Y N				

Page 2 of 2

[illegible]

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
<i>[Signature]</i>	<i>4/14/12</i>	<i>1830</i>	<i>Paul R. Hill/TAN</i>	<i>4/5/12</i>	<i>08:00</i>			
Shipped Via:			Shipped Via:			QC Deliverables (Please Circle One) :		Date Due of Report:
Received for TestAmerica by:	Date:	Time:	Temperature Upon Receipt:	Sample Containers Intact? Y N	Level 2 Level 3 Level 4 Site Specific		(If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)	
			<i>1.70C</i>	VOCs Free of Headspace? Y N				

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

2960 Foster Creighton Road

Nashville, TN 37204

Tel: 800-765-0980

TestAmerica Job ID: NWD0765

Client Project/Site: [none]

Client Project Description: Leeds Facility

For:

Haley & Aldrich (Lenexa)

8735 Rosehill Road, Suite 340

Lenexa, KS 66215-6949

Attn: Mariruth Gruis

Roxanne L. Connor

Authorized for release by:

4/18/2012 1:11:05 PM

Roxanne Connor

Program Manager - Conventional Accounts

roxanne.connor@testamericainc.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Sample Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
NWD0765-01	TP-15-GW-040612-20	Ground Water	04/06/12 13:26	04/07/12 08:15
NWD0765-02	TP-15-EB-040612-00	Water	04/06/12 13:00	04/07/12 08:15
NWD0765-03	TP-15-FB-040612-00	Water	04/06/12 13:32	04/07/12 08:15
NWD0765-04	Trip Blank	Water	04/06/12 00:01	04/07/12 08:15
NWD0765-05	Trip Blank	Water	04/06/12 00:01	04/07/12 08:15

Definitions/Glossary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
R2	The RPD exceeded the acceptance limit.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GCMS Semivolatiles

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
R2	The RPD exceeded the acceptance limit.

Pesticides

Qualifier	Qualifier Description
Z6	Surrogate recovery was below acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

WetChem

Qualifier	Qualifier Description
RL1	Reporting limit raised due to sample matrix effects.
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
R2	The RPD exceeded the acceptance limit.
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Client Sample ID: TP-15-GW-040612-20

Lab Sample ID: NWD0765-01

Date Collected: 04/06/12 13:26

Matrix: Ground Water

Date Received: 04/07/12 08:15

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	L	50.0	25.0	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Benzene	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Bromoform	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Chloroform	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Isopropylbenzene	0.550	J	1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
n-Propylbenzene	1.01		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Styrene	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Tetrahydrofuran	ND	L	20.0	10.0	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Toluene	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/06/12 13:26	04/11/12 21:16	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/06/12 13:26	04/11/12 21:16	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Client Sample ID: TP-15-GW-040612-20

Lab Sample ID: NWD0765-01

Date Collected: 04/06/12 13:26

Matrix: Ground Water

Date Received: 04/07/12 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	102		70 - 130	04/06/12 13:26	04/11/12 21:16	1.00
Dibromofluoromethane	110		70 - 130	04/06/12 13:26	04/11/12 21:16	1.00
Toluene-d8	96		70 - 130	04/06/12 13:26	04/11/12 21:16	1.00
4-Bromofluorobenzene	87		70 - 130	04/06/12 13:26	04/11/12 21:16	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Acenaphthylene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Acetophenone	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Anthracene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Atrazine	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Benzaldehyde	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Benzo (a) anthracene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Benzo (a) pyrene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Benzo (b) fluoranthene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Benzo (g,h,i) perylene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Benzo (k) fluoranthene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Biphenyl	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
4-Bromophenyl phenyl ether	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Butyl benzyl phthalate	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Caprolactam	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Carbazole	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
4-Chloro-3-methylphenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
4-Chloroaniline	ND	M8	9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Bis(2-chloroethoxy)methane	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Bis(2-chloroethyl)ether	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Bis(2-chloroisopropyl)ether	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
2-Chloronaphthalene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
2-Chlorophenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
4-Chlorophenyl phenyl ether	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Chrysene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Dibenz (a,h) anthracene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Dibenzofuran	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Di-n-butyl phthalate	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
3,3-Dichlorobenzidine	ND	M8	9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
2,4-Dichlorophenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Diethyl phthalate	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
2,4-Dimethylphenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Dimethyl phthalate	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
4,6-Dinitro-2-methylphenol	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
2,4-Dinitrophenol	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
2,4-Dinitrotoluene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
2,6-Dinitrotoluene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Di-n-octyl phthalate	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Bis(2-ethylhexyl)phthalate	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Fluoranthene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Fluorene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Hexachlorobenzene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Hexachlorobutadiene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Hexachlorocyclopentadiene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Hexachloroethane	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Client Sample ID: TP-15-GW-040612-20

Lab Sample ID: NWD0765-01

Date Collected: 04/06/12 13:26

Matrix: Ground Water

Date Received: 04/07/12 08:15

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Isophorone	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
2-Methylnaphthalene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
2-Methylphenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
3/4-Methylphenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Naphthalene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
4-Nitroaniline	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
2-Nitroaniline	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
3-Nitroaniline	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Nitrobenzene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
2-Nitrophenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
4-Nitrophenol	ND		23.6	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
N-Nitrosodiphenylamine	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
N-Nitrosodi-n-propylamine	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Pentachlorophenol	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Phenanthrene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Phenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
Pyrene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
2,4,6-Trichlorophenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 22:43	1.00
2,4,5-Trichlorophenol	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 22:43	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	36		10 - 120	04/09/12 06:50	04/09/12 22:43	1.00
Phenol-d5	23		10 - 120	04/09/12 06:50	04/09/12 22:43	1.00
Nitrobenzene-d5	64		27 - 120	04/09/12 06:50	04/09/12 22:43	1.00
2-Fluorobiphenyl	65		29 - 120	04/09/12 06:50	04/09/12 22:43	1.00
2,4,6-Tribromophenol	74		10 - 120	04/09/12 06:50	04/09/12 22:43	1.00
Terphenyl-d14	53		13 - 120	04/09/12 06:50	04/09/12 22:43	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		04/09/12 16:10	04/09/12 18:26	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	116		70 - 130	04/09/12 16:10	04/09/12 18:26	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		47.6	23.8	ug/L		04/09/12 08:30	04/11/12 20:33	1.00
PCB-1221	ND		47.6	23.8	ug/L		04/09/12 08:30	04/11/12 20:33	1.00
PCB-1232	ND		47.6	23.8	ug/L		04/09/12 08:30	04/11/12 20:33	1.00
PCB-1242	ND		47.6	23.8	ug/L		04/09/12 08:30	04/11/12 20:33	1.00
PCB-1248	ND		47.6	23.8	ug/L		04/09/12 08:30	04/11/12 20:33	1.00
PCB-1254	ND		47.6	23.8	ug/L		04/09/12 08:30	04/11/12 20:33	1.00
PCB-1260	ND		47.6	23.8	ug/L		04/09/12 08:30	04/11/12 20:33	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	100		17 - 142	04/09/12 08:30	04/11/12 20:33	1.00
Decachlorobiphenyl	42		10 - 149	04/09/12 08:30	04/11/12 20:33	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Client Sample ID: TP-15-GW-040612-20

Lab Sample ID: NWD0765-01

Date Collected: 04/06/12 13:26

Matrix: Ground Water

Date Received: 04/07/12 08:15

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.840	J	2.00	0.500	ug/L	—	04/13/12 09:18	04/16/12 16:58	1.00
Arsenic	8.43		2.00	0.500	ug/L	—	04/13/12 09:18	04/16/12 16:58	1.00
Barium	571		2.00	0.500	ug/L	—	04/13/12 09:18	04/16/12 16:58	1.00
Beryllium	ND		2.00	0.500	ug/L	—	04/13/12 09:18	04/16/12 16:58	1.00
Cadmium	1.65		1.00	0.400	ug/L	—	04/13/12 09:18	04/16/12 16:58	1.00
Chromium	2.68		2.00	0.500	ug/L	—	04/13/12 09:18	04/16/12 16:58	1.00
Cobalt	5.35		2.00	0.500	ug/L	—	04/13/12 09:18	04/16/12 16:58	1.00
Copper	14.2		5.00	1.00	ug/L	—	04/13/12 09:18	04/16/12 16:58	1.00
Lead	44.0		2.00	0.200	ug/L	—	04/13/12 09:18	04/16/12 16:58	1.00
Nickel	26.2		5.00	0.500	ug/L	—	04/13/12 09:18	04/16/12 16:58	1.00
Selenium	ND		2.00	0.500	ug/L	—	04/13/12 09:18	04/16/12 16:58	1.00
Silver	1.22	J	2.00	0.500	ug/L	—	04/13/12 09:18	04/16/12 16:58	1.00
Thallium	ND		2.00	0.700	ug/L	—	04/13/12 09:18	04/16/12 16:58	1.00
Vanadium	10.7		4.00	1.50	ug/L	—	04/13/12 09:18	04/16/12 16:58	1.00
Zinc	54.7		50.0	5.00	ug/L	—	04/13/12 09:18	04/16/12 16:58	1.00

Method: SW846 6020 - Total Metals by Method 6020 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	6920		50.0	10.0	ug/L	—	04/13/12 09:18	04/16/12 17:31	10.0

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L	—	04/10/12 10:40	04/10/12 15:24	1.00

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND	M2 RL1	0.0500	0.0250	mg/L	—	04/07/12 11:15	04/07/12 11:15	5.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND	M8	0.00500	0.00250	mg/L	—	04/12/12 14:15	04/17/12 07:53	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Client Sample ID: TP-15-EB-040612-00

Lab Sample ID: NWD0765-02

Date Collected: 04/06/12 13:00

Matrix: Water

Date Received: 04/07/12 08:15

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	L	50.0	25.0	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Benzene	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Bromoform	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Chloroform	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Styrene	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Tetrahydrofuran	ND	L	20.0	10.0	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Toluene	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/06/12 13:00	04/11/12 21:45	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/06/12 13:00	04/11/12 21:45	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Client Sample ID: TP-15-EB-040612-00

Lab Sample ID: NWD0765-02

Date Collected: 04/06/12 13:00

Matrix: Water

Date Received: 04/07/12 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	105		70 - 130	04/06/12 13:00	04/11/12 21:45	1.00
Dibromofluoromethane	114		70 - 130	04/06/12 13:00	04/11/12 21:45	1.00
Toluene-d8	98		70 - 130	04/06/12 13:00	04/11/12 21:45	1.00
4-Bromofluorobenzene	86		70 - 130	04/06/12 13:00	04/11/12 21:45	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Acenaphthylene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Acetophenone	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Anthracene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Atrazine	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Benzaldehyde	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Benzo (a) anthracene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Benzo (a) pyrene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Benzo (b) fluoranthene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Benzo (g,h,i) perylene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Benzo (k) fluoranthene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Biphenyl	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
4-Bromophenyl phenyl ether	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Butyl benzyl phthalate	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Caprolactam	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Carbazole	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
4-Chloro-3-methylphenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
4-Chloroaniline	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Bis(2-chloroethoxy)methane	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Bis(2-chloroethyl)ether	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Bis(2-chloroisopropyl)ether	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
2-Chloronaphthalene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
2-Chlorophenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
4-Chlorophenyl phenyl ether	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Chrysene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Dibenz (a,h) anthracene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Dibenzofuran	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Di-n-butyl phthalate	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
3,3-Dichlorobenzidine	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
2,4-Dichlorophenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Diethyl phthalate	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
2,4-Dimethylphenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Dimethyl phthalate	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
4,6-Dinitro-2-methylphenol	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
2,4-Dinitrophenol	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
2,4-Dinitrotoluene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
2,6-Dinitrotoluene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Di-n-octyl phthalate	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Bis(2-ethylhexyl)phthalate	6.05	J	9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Fluoranthene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Fluorene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Hexachlorobenzene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Hexachlorobutadiene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Hexachlorocyclopentadiene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Hexachloroethane	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Client Sample ID: TP-15-EB-040612-00

Lab Sample ID: NWD0765-02

Date Collected: 04/06/12 13:00

Matrix: Water

Date Received: 04/07/12 08:15

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Isophorone	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
2-Methylnaphthalene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
2-Methylphenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
3/4-Methylphenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Naphthalene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
4-Nitroaniline	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
2-Nitroaniline	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
3-Nitroaniline	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Nitrobenzene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
2-Nitrophenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
4-Nitrophenol	ND		23.6	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
N-Nitrosodiphenylamine	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
N-Nitrosodi-n-propylamine	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Pentachlorophenol	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Phenanthrene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Phenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
Pyrene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
2,4,6-Trichlorophenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:02	1.00
2,4,5-Trichlorophenol	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 23:02	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	44		10 - 120	04/09/12 06:50	04/09/12 23:02	1.00
Phenol-d5	27		10 - 120	04/09/12 06:50	04/09/12 23:02	1.00
Nitrobenzene-d5	75		27 - 120	04/09/12 06:50	04/09/12 23:02	1.00
2-Fluorobiphenyl	72		29 - 120	04/09/12 06:50	04/09/12 23:02	1.00
2,4,6-Tribromophenol	83		10 - 120	04/09/12 06:50	04/09/12 23:02	1.00
Terphenyl-d14	98		13 - 120	04/09/12 06:50	04/09/12 23:02	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		04/09/12 16:10	04/09/12 18:41	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	118		70 - 130	04/09/12 16:10	04/09/12 18:41	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		47.2	23.6	ug/L		04/09/12 08:30	04/11/12 20:54	1.00
PCB-1221	ND		47.2	23.6	ug/L		04/09/12 08:30	04/11/12 20:54	1.00
PCB-1232	ND		47.2	23.6	ug/L		04/09/12 08:30	04/11/12 20:54	1.00
PCB-1242	ND		47.2	23.6	ug/L		04/09/12 08:30	04/11/12 20:54	1.00
PCB-1248	ND		47.2	23.6	ug/L		04/09/12 08:30	04/11/12 20:54	1.00
PCB-1254	ND		47.2	23.6	ug/L		04/09/12 08:30	04/11/12 20:54	1.00
PCB-1260	ND		47.2	23.6	ug/L		04/09/12 08:30	04/11/12 20:54	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	105		17 - 142	04/09/12 08:30	04/11/12 20:54	1.00
Decachlorobiphenyl	93		10 - 149	04/09/12 08:30	04/11/12 20:54	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Client Sample ID: TP-15-EB-040612-00

Lab Sample ID: NWD0765-02

Date Collected: 04/06/12 13:00

Matrix: Water

Date Received: 04/07/12 08:15

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:09	1.00
Arsenic	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:09	1.00
Barium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:09	1.00
Beryllium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:09	1.00
Cadmium	ND		1.00	0.400	ug/L		04/13/12 09:18	04/16/12 17:09	1.00
Chromium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:09	1.00
Cobalt	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:09	1.00
Copper	ND		5.00	1.00	ug/L		04/13/12 09:18	04/16/12 17:09	1.00
Lead	ND		2.00	0.200	ug/L		04/13/12 09:18	04/16/12 17:09	1.00
Manganese	2.67	J	5.00	1.00	ug/L		04/13/12 09:18	04/16/12 17:09	1.00
Nickel	ND		5.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:09	1.00
Selenium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:09	1.00
Silver	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:09	1.00
Thallium	ND		2.00	0.700	ug/L		04/13/12 09:18	04/16/12 17:09	1.00
Vanadium	ND		4.00	1.50	ug/L		04/13/12 09:18	04/16/12 17:09	1.00
Zinc	ND		50.0	5.00	ug/L		04/13/12 09:18	04/16/12 17:09	1.00

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		04/10/12 10:40	04/10/12 15:31	1.00

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		0.0100	0.00500	mg/L		04/07/12 11:20	04/07/12 11:20	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	0.0512		0.00500	0.00250	mg/L		04/12/12 14:15	04/17/12 07:55	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Client Sample ID: TP-15-FB-040612-00

Lab Sample ID: NWD0765-03

Date Collected: 04/06/12 13:32

Matrix: Water

Date Received: 04/07/12 08:15

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	L	50.0	25.0	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Benzene	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Bromoform	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Chloroform	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Styrene	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Tetrahydrofuran	ND	L	20.0	10.0	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Toluene	0.700	J	1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/06/12 13:32	04/11/12 22:13	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/06/12 13:32	04/11/12 22:13	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Client Sample ID: TP-15-FB-040612-00

Lab Sample ID: NWD0765-03

Date Collected: 04/06/12 13:32

Matrix: Water

Date Received: 04/07/12 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	103		70 - 130	04/06/12 13:32	04/11/12 22:13	1.00
Dibromofluoromethane	113		70 - 130	04/06/12 13:32	04/11/12 22:13	1.00
Toluene-d8	97		70 - 130	04/06/12 13:32	04/11/12 22:13	1.00
4-Bromofluorobenzene	86		70 - 130	04/06/12 13:32	04/11/12 22:13	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Acenaphthylene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Acetophenone	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Anthracene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Atrazine	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Benzaldehyde	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Benzo (a) anthracene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Benzo (a) pyrene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Benzo (b) fluoranthene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Benzo (g,h,i) perylene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Benzo (k) fluoranthene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Biphenyl	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
4-Bromophenyl phenyl ether	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Butyl benzyl phthalate	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Caprolactam	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Carbazole	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
4-Chloro-3-methylphenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
4-Chloroaniline	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Bis(2-chloroethoxy)methane	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Bis(2-chloroethyl)ether	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Bis(2-chloroisopropyl)ether	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
2-Chloronaphthalene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
2-Chlorophenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
4-Chlorophenyl phenyl ether	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Chrysene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Dibenz (a,h) anthracene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Dibenzofuran	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Di-n-butyl phthalate	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
3,3-Dichlorobenzidine	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
2,4-Dichlorophenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Diethyl phthalate	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
2,4-Dimethylphenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Dimethyl phthalate	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
4,6-Dinitro-2-methylphenol	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
2,4-Dinitrophenol	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
2,4-Dinitrotoluene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
2,6-Dinitrotoluene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Di-n-octyl phthalate	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Bis(2-ethylhexyl)phthalate	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Fluoranthene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Fluorene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Hexachlorobenzene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Hexachlorobutadiene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Hexachlorocyclopentadiene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Hexachloroethane	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Client Sample ID: TP-15-FB-040612-00

Lab Sample ID: NWD0765-03

Date Collected: 04/06/12 13:32

Matrix: Water

Date Received: 04/07/12 08:15

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Isophorone	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
2-Methylnaphthalene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
2-Methylphenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
3/4-Methylphenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Naphthalene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
4-Nitroaniline	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
2-Nitroaniline	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
3-Nitroaniline	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Nitrobenzene	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
2-Nitrophenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
4-Nitrophenol	ND		23.6	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
N-Nitrosodiphenylamine	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
N-Nitrosodi-n-propylamine	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Pentachlorophenol	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Phenanthrene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Phenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
Pyrene	ND		1.89	0.943	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
2,4,6-Trichlorophenol	ND		9.43	4.72	ug/L		04/09/12 06:50	04/09/12 23:19	1.00
2,4,5-Trichlorophenol	ND		23.6	12.3	ug/L		04/09/12 06:50	04/09/12 23:19	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	41		10 - 120	04/09/12 06:50	04/09/12 23:19	1.00
Phenol-d5	26		10 - 120	04/09/12 06:50	04/09/12 23:19	1.00
Nitrobenzene-d5	70		27 - 120	04/09/12 06:50	04/09/12 23:19	1.00
2-Fluorobiphenyl	65		29 - 120	04/09/12 06:50	04/09/12 23:19	1.00
2,4,6-Tribromophenol	74		10 - 120	04/09/12 06:50	04/09/12 23:19	1.00
Terphenyl-d14	96		13 - 120	04/09/12 06:50	04/09/12 23:19	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		04/09/12 16:10	04/09/12 18:56	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	72		70 - 130	04/09/12 16:10	04/09/12 18:56	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		47.2	23.6	ug/L		04/09/12 08:30	04/11/12 21:16	1.00
PCB-1221	ND		47.2	23.6	ug/L		04/09/12 08:30	04/11/12 21:16	1.00
PCB-1232	ND		47.2	23.6	ug/L		04/09/12 08:30	04/11/12 21:16	1.00
PCB-1242	ND		47.2	23.6	ug/L		04/09/12 08:30	04/11/12 21:16	1.00
PCB-1248	ND		47.2	23.6	ug/L		04/09/12 08:30	04/11/12 21:16	1.00
PCB-1254	ND		47.2	23.6	ug/L		04/09/12 08:30	04/11/12 21:16	1.00
PCB-1260	ND		47.2	23.6	ug/L		04/09/12 08:30	04/11/12 21:16	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	99		17 - 142	04/09/12 08:30	04/11/12 21:16	1.00
Decachlorobiphenyl	86		10 - 149	04/09/12 08:30	04/11/12 21:16	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Client Sample ID: TP-15-FB-040612-00

Lab Sample ID: NWD0765-03

Date Collected: 04/06/12 13:32

Matrix: Water

Date Received: 04/07/12 08:15

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:13	1.00
Arsenic	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:13	1.00
Barium	0.930	J	2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:13	1.00
Beryllium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:13	1.00
Cadmium	ND		1.00	0.400	ug/L		04/13/12 09:18	04/16/12 17:13	1.00
Chromium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:13	1.00
Cobalt	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:13	1.00
Copper	ND		5.00	1.00	ug/L		04/13/12 09:18	04/16/12 17:13	1.00
Lead	ND		2.00	0.200	ug/L		04/13/12 09:18	04/16/12 17:13	1.00
Manganese	4.20	J	5.00	1.00	ug/L		04/13/12 09:18	04/16/12 17:13	1.00
Nickel	ND		5.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:13	1.00
Selenium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:13	1.00
Silver	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:13	1.00
Thallium	ND		2.00	0.700	ug/L		04/13/12 09:18	04/16/12 17:13	1.00
Vanadium	ND		4.00	1.50	ug/L		04/13/12 09:18	04/16/12 17:13	1.00
Zinc	ND		50.0	5.00	ug/L		04/13/12 09:18	04/16/12 17:13	1.00

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		04/10/12 10:40	04/10/12 15:33	1.00

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		0.0100	0.00500	mg/L		04/07/12 11:25	04/07/12 11:25	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		0.00500	0.00250	mg/L		04/12/12 14:15	04/17/12 07:58	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Client Sample ID: Trip Blank

Lab Sample ID: NWD0765-04

Date Collected: 04/06/12 00:01

Matrix: Water

Date Received: 04/07/12 08:15

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	L	50.0	25.0	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Benzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Bromoform	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Chloroform	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Styrene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Tetrahydrofuran	ND	L	20.0	10.0	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Toluene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/06/12 00:01	04/11/12 16:36	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 16:36	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Client Sample ID: Trip Blank

Lab Sample ID: NWD0765-04

Date Collected: 04/06/12 00:01

Matrix: Water

Date Received: 04/07/12 08:15

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4	100		70 - 130	04/06/12 00:01	04/11/12 16:36	1.00
Dibromofluoromethane	107		70 - 130	04/06/12 00:01	04/11/12 16:36	1.00
Toluene-d8	98		70 - 130	04/06/12 00:01	04/11/12 16:36	1.00
4-Bromofluorobenzene	84		70 - 130	04/06/12 00:01	04/11/12 16:36	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Client Sample ID: Trip Blank

Lab Sample ID: NWD0765-05

Date Collected: 04/06/12 00:01

Matrix: Water

Date Received: 04/07/12 08:15

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	L	50.0	25.0	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Benzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Bromoform	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Chloroform	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Styrene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Tetrahydrofuran	ND	L	20.0	10.0	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Toluene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/06/12 00:01	04/11/12 17:04	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/11/12 17:04	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Client Sample ID: Trip Blank

Lab Sample ID: NWD0765-05

Date Collected: 04/06/12 00:01

Matrix: Water

Date Received: 04/07/12 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	100		70 - 130	04/06/12 00:01	04/11/12 17:04	1.00
Dibromofluoromethane	112		70 - 130	04/06/12 00:01	04/11/12 17:04	1.00
Toluene-d8	97		70 - 130	04/06/12 00:01	04/11/12 17:04	1.00
4-Bromofluorobenzene	84		70 - 130	04/06/12 00:01	04/11/12 17:04	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 12D1405-BLK1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1405_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Benzene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Bromoform	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Chloroform	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Styrene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Toluene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1405-BLK1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1405_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, total	ND		3.00	1.50	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	102		70 - 130				04/07/12 11:42	04/11/12 15:11	1.00
Dibromofluoromethane	110		70 - 130				04/07/12 11:42	04/11/12 15:11	1.00
Toluene-d8	99		70 - 130				04/07/12 11:42	04/11/12 15:11	1.00
4-Bromofluorobenzene	84		70 - 130				04/07/12 11:42	04/11/12 15:11	1.00

Lab Sample ID: 12D1405-BS1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1405_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	296		ug/L		118	54 - 145
Benzene	50.0	49.7		ug/L		99	80 - 121
Bromochloromethane	50.0	58.6		ug/L		117	78 - 129
Bromodichloromethane	50.0	47.1		ug/L		94	75 - 129
Bromoform	50.0	41.0		ug/L		82	46 - 145
Bromomethane	50.0	47.9		ug/L		96	41 - 150
2-Butanone	250	260		ug/L		104	62 - 133
Carbon disulfide	50.0	47.5		ug/L		95	77 - 126
Carbon Tetrachloride	50.0	51.6		ug/L		103	64 - 147
Chlorobenzene	50.0	49.0		ug/L		98	80 - 120
Chlorodibromomethane	50.0	50.2		ug/L		100	69 - 133
Chloroethane	50.0	46.7		ug/L		93	72 - 120
Chloroform	50.0	59.7		ug/L		119	73 - 129
Chloromethane	50.0	45.5		ug/L		91	12 - 150
Cyclohexane	50.0	45.8		ug/L		92	73 - 122
1,2-Dibromo-3-chloropropane	50.0	38.1		ug/L		76	54 - 125
1,2-Dibromoethane (EDB)	50.0	50.5		ug/L		101	80 - 129
1,2-Dichlorobenzene	50.0	47.3		ug/L		95	80 - 121
1,3-Dichlorobenzene	50.0	46.0		ug/L		92	80 - 122
1,4-Dichlorobenzene	50.0	46.7		ug/L		93	80 - 120
Dichlorodifluoromethane	50.0	50.9		ug/L		102	37 - 127
1,2-Dichloroethane	50.0	47.5		ug/L		95	77 - 121
1,1-Dichloroethane	50.0	52.8		ug/L		106	78 - 125
1,1-Dichloroethene	50.0	55.7		ug/L		111	79 - 124
trans-1,2-Dichloroethene	50.0	51.5		ug/L		103	79 - 126
cis-1,2-Dichloroethene	50.0	48.3		ug/L		97	76 - 125
1,2-Dichloropropane	50.0	45.8		ug/L		92	75 - 120
trans-1,3-Dichloropropene	50.0	38.0		ug/L		76	63 - 134
cis-1,3-Dichloropropene	50.0	40.8		ug/L		82	74 - 140
Ethylbenzene	50.0	46.1		ug/L		92	80 - 130
2-Hexanone	250	228		ug/L		91	60 - 142
Isopropylbenzene	50.0	48.5		ug/L		97	80 - 141
Methyl Acetate	50.0	34.8		ug/L		70	64 - 150
Methylcyclohexane	50.0	42.8		ug/L		86	71 - 129
Methyl tert-Butyl Ether	50.0	46.7		ug/L		93	72 - 133

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1405-BS1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1405_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	50.0	60.2		ug/L		120	79 - 123
4-Methyl-2-pentanone	250	228		ug/L		91	60 - 137
n-Propylbenzene	50.0	43.4		ug/L		87	75 - 129
Styrene	50.0	46.0		ug/L		92	80 - 127
1,1,2,2-Tetrachloroethane	50.0	42.3		ug/L		85	69 - 131
Tetrachloroethene	50.0	51.0		ug/L		102	80 - 126
Tetrahydrofuran	500	697	L1	ug/L		139	51 - 124
Toluene	50.0	47.9		ug/L		96	80 - 126
1,2,4-Trichlorobenzene	50.0	44.8		ug/L		90	63 - 133
1,1,1-Trichloroethane	50.0	51.7		ug/L		103	78 - 135
1,1,2-Trichloroethane	50.0	49.9		ug/L		100	80 - 124
Trichloroethene	50.0	53.8		ug/L		108	80 - 123
Trichlorofluoromethane	50.0	49.9		ug/L		100	65 - 124
Vinyl chloride	50.0	51.7		ug/L		103	68 - 120
Xylenes, total	150	134		ug/L		90	80 - 132
1,1,2-Trifluorotrichloroethane	50.0	49.4		ug/L		99	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	94		70 - 130
Dibromofluoromethane	115		70 - 130
Toluene-d8	98		70 - 130
4-Bromofluorobenzene	84		70 - 130

Lab Sample ID: 12D1405-BSD1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1405_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Acetone	250	434	L1 R2	ug/L		174	54 - 145	38	21
Benzene	50.0	50.8		ug/L		102	80 - 121	2	17
Bromochloromethane	50.0	59.6		ug/L		119	78 - 129	2	17
Bromodichloromethane	50.0	47.6		ug/L		95	75 - 129	1	18
Bromoform	50.0	41.0		ug/L		82	46 - 145	0.1	16
Bromomethane	50.0	52.7		ug/L		105	41 - 150	10	50
2-Butanone	250	284		ug/L		114	62 - 133	9	19
Carbon disulfide	50.0	49.7		ug/L		99	77 - 126	5	21
Carbon Tetrachloride	50.0	53.2		ug/L		106	64 - 147	3	19
Chlorobenzene	50.0	49.4		ug/L		99	80 - 120	1	14
Chlorodibromomethane	50.0	50.6		ug/L		101	69 - 133	0.6	15
Chloroethane	50.0	46.2		ug/L		92	72 - 120	1	20
Chloroform	50.0	57.9		ug/L		116	73 - 129	3	18
Chloromethane	50.0	42.5		ug/L		85	12 - 150	7	31
Cyclohexane	50.0	46.6		ug/L		93	73 - 122	2	16
1,2-Dibromo-3-chloropropane	50.0	39.7		ug/L		79	54 - 125	4	24
1,2-Dibromoethane (EDB)	50.0	50.8		ug/L		102	80 - 129	0.6	15
1,2-Dichlorobenzene	50.0	48.7		ug/L		97	80 - 121	3	15
1,3-Dichlorobenzene	50.0	47.8		ug/L		96	80 - 122	4	15
1,4-Dichlorobenzene	50.0	48.9		ug/L		98	80 - 120	5	15
Dichlorodifluoromethane	50.0	45.4		ug/L		91	37 - 127	11	18

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1405-BSD1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1405_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane	50.0	48.0		ug/L		96	77 - 121	1	17
1,1-Dichloroethane	50.0	53.1		ug/L		106	78 - 125	0.6	17
1,1-Dichloroethene	50.0	56.4		ug/L		113	79 - 124	1	17
trans-1,2-Dichloroethene	50.0	52.7		ug/L		105	79 - 126	2	16
cis-1,2-Dichloroethene	50.0	50.7		ug/L		101	76 - 125	5	17
1,2-Dichloropropane	50.0	46.4		ug/L		93	75 - 120	1	17
trans-1,3-Dichloropropene	50.0	42.7		ug/L		85	63 - 134	11	14
cis-1,3-Dichloropropene	50.0	46.2		ug/L		92	74 - 140	12	15
Ethylbenzene	50.0	46.9		ug/L		94	80 - 130	2	15
2-Hexanone	250	244		ug/L		98	60 - 142	7	15
Isopropylbenzene	50.0	49.4		ug/L		99	80 - 141	2	16
Methyl Acetate	50.0	37.2		ug/L		74	64 - 150	7	31
Methylcyclohexane	50.0	44.4		ug/L		89	71 - 129	4	19
Methyl tert-Butyl Ether	50.0	48.1		ug/L		96	72 - 133	3	16
Methylene Chloride	50.0	58.6		ug/L		117	79 - 123	3	17
4-Methyl-2-pentanone	250	236		ug/L		94	60 - 137	3	17
n-Propylbenzene	50.0	43.2		ug/L		86	75 - 129	0.5	17
Styrene	50.0	46.8		ug/L		94	80 - 127	2	24
1,1,2,2-Tetrachloroethane	50.0	38.0		ug/L		76	69 - 131	11	20
Tetrachloroethene	50.0	54.1		ug/L		108	80 - 126	6	16
Tetrahydrofuran	500	682	L1	ug/L		136	51 - 124	2	18
Toluene	50.0	48.7		ug/L		97	80 - 126	2	15
1,2,4-Trichlorobenzene	50.0	46.6		ug/L		93	63 - 133	4	19
1,1,1-Trichloroethane	50.0	52.2		ug/L		104	78 - 135	1	17
1,1,2-Trichloroethane	50.0	51.0		ug/L		102	80 - 124	2	15
Trichloroethene	50.0	59.4		ug/L		119	80 - 123	10	17
Trichlorofluoromethane	50.0	44.5		ug/L		89	65 - 124	11	18
Vinyl chloride	50.0	49.9		ug/L		100	68 - 120	4	17
Xylenes, total	150	137		ug/L		91	80 - 132	2	15
1,1,2-Trifluorotrichloroethane	50.0	52.0		ug/L		104	77 - 129	5	18

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
1,2-Dichloroethane-d4	92		70 - 130
Dibromofluoromethane	116		70 - 130
Toluene-d8	97		70 - 130
4-Bromofluorobenzene	82		70 - 130

Lab Sample ID: 12D1405-MS1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D1405_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND	L	250	294		ug/L		117	45 - 141
Benzene	ND		50.0	50.0		ug/L		100	75 - 133
Bromochloromethane	ND		50.0	59.1		ug/L		118	67 - 139
Bromodichloromethane	ND		50.0	49.2		ug/L		98	70 - 140
Bromoform	ND		50.0	42.0		ug/L		84	42 - 147
Bromomethane	ND		50.0	43.5		ug/L		87	16 - 163
2-Butanone	ND		250	253		ug/L		101	50 - 138

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1405-MS1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D1405_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Carbon disulfide	ND		50.0	40.8		ug/L		82	48 - 152
Carbon Tetrachloride	ND		50.0	57.6		ug/L		115	62 - 164
Chlorobenzene	ND		50.0	49.7		ug/L		99	80 - 129
Chlorodibromomethane	ND		50.0	51.0		ug/L		102	66 - 140
Chloroethane	ND		50.0	46.6		ug/L		93	58 - 137
Chloroform	ND		50.0	57.5		ug/L		115	66 - 138
Chloromethane	ND		50.0	38.4		ug/L		77	10 - 169
Cyclohexane	ND		50.0	44.5		ug/L		89	58 - 144
1,2-Dibromo-3-chloropropane	ND		50.0	40.5		ug/L		81	52 - 126
1,2-Dibromoethane (EDB)	ND		50.0	50.8		ug/L		102	75 - 137
1,2-Dichlorobenzene	ND		50.0	47.8		ug/L		96	79 - 128
1,3-Dichlorobenzene	ND		50.0	47.2		ug/L		94	77 - 131
1,4-Dichlorobenzene	ND		50.0	48.0		ug/L		96	78 - 126
Dichlorodifluoromethane	ND		50.0	38.0		ug/L		76	40 - 127
1,2-Dichloroethane	ND		50.0	49.8		ug/L		100	64 - 136
1,1-Dichloroethane	ND		50.0	53.9		ug/L		108	71 - 139
1,1-Dichloroethene	ND		50.0	57.1		ug/L		114	70 - 142
trans-1,2-Dichloroethene	ND		50.0	51.0		ug/L		102	66 - 143
cis-1,2-Dichloroethene	ND		50.0	52.6		ug/L		105	68 - 138
1,2-Dichloropropane	ND		50.0	46.0		ug/L		92	67 - 131
trans-1,3-Dichloropropene	ND		50.0	43.4		ug/L		87	59 - 135
cis-1,3-Dichloropropene	ND		50.0	46.9		ug/L		94	71 - 141
Ethylbenzene	ND		50.0	47.6		ug/L		95	79 - 139
2-Hexanone	ND		250	230		ug/L		92	50 - 150
Isopropylbenzene	0.550	J	50.0	51.4		ug/L		102	80 - 153
Methyl Acetate	ND		50.0	33.3		ug/L		67	30 - 165
Methylcyclohexane	ND		50.0	43.2		ug/L		86	59 - 151
Methyl tert-Butyl Ether	ND		50.0	47.1		ug/L		94	66 - 141
Methylene Chloride	ND		50.0	56.9		ug/L		114	64 - 139
4-Methyl-2-pentanone	ND		250	235		ug/L		94	50 - 147
n-Propylbenzene	1.01		50.0	45.4		ug/L		89	69 - 142
Styrene	ND		50.0	47.0		ug/L		94	61 - 148
1,1,1,2-Tetrachloroethane	ND		50.0	41.8		ug/L		84	56 - 143
Tetrachloroethene	ND		50.0	54.0		ug/L		108	72 - 145
Tetrahydrofuran	ND	L	500	617		ug/L		123	34 - 133
Toluene	ND		50.0	48.0		ug/L		96	75 - 136
1,2,4-Trichlorobenzene	ND		50.0	46.7		ug/L		93	60 - 136
1,1,1-Trichloroethane	ND		50.0	55.8		ug/L		112	76 - 149
1,1,2-Trichloroethane	ND		50.0	51.4		ug/L		103	74 - 134
Trichloroethene	ND		50.0	55.7		ug/L		111	73 - 144
Trichlorofluoromethane	ND		50.0	43.9		ug/L		88	58 - 139
Vinyl chloride	ND		50.0	48.1		ug/L		96	56 - 129
Xylenes, total	ND		150	138		ug/L		92	74 - 141
1,1,2-Trifluorotrichloroethane	ND		50.0	55.5		ug/L		111	72 - 148

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	100		70 - 130
Dibromofluoromethane	118		70 - 130
Toluene-d8	96		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1405-MS1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D1405_P

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
4-Bromofluorobenzene	82		70 - 130

Lab Sample ID: 12D1405-MSD1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D1405_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND	L	250	291		ug/L		116	45 - 141	0.9	21
Benzene	ND		50.0	50.6		ug/L		101	75 - 133	1	17
Bromochloromethane	ND		50.0	59.1		ug/L		118	67 - 139	0.02	17
Bromodichloromethane	ND		50.0	48.3		ug/L		97	70 - 140	2	18
Bromoform	ND		50.0	42.2		ug/L		84	42 - 147	0.4	16
Bromomethane	ND		50.0	47.3		ug/L		95	16 - 163	8	50
2-Butanone	ND		250	259		ug/L		103	50 - 138	2	19
Carbon disulfide	ND		50.0	41.0		ug/L		82	48 - 152	0.6	21
Carbon Tetrachloride	ND		50.0	57.9		ug/L		116	62 - 164	0.4	19
Chlorobenzene	ND		50.0	50.3		ug/L		101	80 - 129	1	14
Chlorodibromomethane	ND		50.0	52.3		ug/L		105	66 - 140	3	15
Chloroethane	ND		50.0	46.7		ug/L		93	58 - 137	0.2	20
Chloroform	ND		50.0	57.1		ug/L		114	66 - 138	0.7	18
Chloromethane	ND		50.0	38.5		ug/L		77	10 - 169	0.3	31
Cyclohexane	ND		50.0	46.4		ug/L		93	58 - 144	4	16
1,2-Dibromo-3-chloropropane	ND		50.0	43.0		ug/L		86	52 - 126	6	24
1,2-Dibromoethane (EDB)	ND		50.0	50.8		ug/L		102	75 - 137	0.02	15
1,2-Dichlorobenzene	ND		50.0	49.6		ug/L		99	79 - 128	4	15
1,3-Dichlorobenzene	ND		50.0	48.7		ug/L		97	77 - 131	3	15
1,4-Dichlorobenzene	ND		50.0	49.7		ug/L		99	78 - 126	3	15
Dichlorodifluoromethane	ND		50.0	38.3		ug/L		77	40 - 127	0.8	18
1,2-Dichloroethane	ND		50.0	47.8		ug/L		96	64 - 136	4	17
1,1-Dichloroethane	ND		50.0	53.9		ug/L		108	71 - 139	0.1	17
1,1-Dichloroethene	ND		50.0	57.4		ug/L		115	70 - 142	0.6	17
trans-1,2-Dichloroethene	ND		50.0	51.4		ug/L		103	66 - 143	0.8	16
cis-1,2-Dichloroethene	ND		50.0	52.3		ug/L		105	68 - 138	0.6	17
1,2-Dichloropropane	ND		50.0	46.6		ug/L		93	67 - 131	1	17
trans-1,3-Dichloropropene	ND		50.0	44.2		ug/L		88	59 - 135	2	14
cis-1,3-Dichloropropene	ND		50.0	47.8		ug/L		96	71 - 141	2	15
Ethylbenzene	ND		50.0	48.9		ug/L		98	79 - 139	3	15
2-Hexanone	ND		250	239		ug/L		96	50 - 150	4	15
Isopropylbenzene	0.550	J	50.0	53.5		ug/L		106	80 - 153	4	16
Methyl Acetate	ND		50.0	32.8		ug/L		66	30 - 165	1	31
Methylcyclohexane	ND		50.0	45.3		ug/L		91	59 - 151	5	19
Methyl tert-Butyl Ether	ND		50.0	48.4		ug/L		97	66 - 141	3	16
Methylene Chloride	ND		50.0	58.2		ug/L		116	64 - 139	2	17
4-Methyl-2-pentanone	ND		250	240		ug/L		96	50 - 147	2	17
n-Propylbenzene	1.01		50.0	47.2		ug/L		92	69 - 142	4	17
Styrene	ND		50.0	48.0		ug/L		96	61 - 148	2	24
1,1,1,2-Tetrachloroethane	ND		50.0	41.8		ug/L		84	56 - 143	0.05	20
Tetrachloroethene	ND		50.0	56.3		ug/L		113	72 - 145	4	16
Tetrahydrofuran	ND	L	500	622		ug/L		124	34 - 133	0.8	18

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1405-MSD1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D1405_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	ND		50.0	49.3		ug/L		99	75 - 136	3	15
1,2,4-Trichlorobenzene	ND		50.0	51.3		ug/L		103	60 - 136	9	19
1,1,1-Trichloroethane	ND		50.0	56.0		ug/L		112	76 - 149	0.3	17
1,1,2-Trichloroethane	ND		50.0	52.2		ug/L		104	74 - 134	2	15
Trichloroethene	ND		50.0	56.2		ug/L		112	73 - 144	0.9	17
Trichlorofluoromethane	ND		50.0	48.6		ug/L		97	58 - 139	10	18
Vinyl chloride	ND		50.0	48.3		ug/L		97	56 - 129	0.5	17
Xylenes, total	ND		150	142		ug/L		95	74 - 141	3	15
1,1,2-Trifluorotrichloroethane	ND		50.0	57.2		ug/L		114	72 - 148	3	18

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits
1,2-Dichloroethane-d4	93		70 - 130
Dibromofluoromethane	118		70 - 130
Toluene-d8	97		70 - 130
4-Bromofluorobenzene	83		70 - 130

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Lab Sample ID: 12D1459-BLK1

Matrix: Water

Analysis Batch: 12D1459

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1459_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.00	1.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Acenaphthylene	ND		2.00	1.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Acetophenone	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Anthracene	ND		2.00	1.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Atrazine	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Benzaldehyde	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Benzo (a) anthracene	ND		2.00	1.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Benzo (a) pyrene	ND		2.00	1.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Benzo (b) fluoranthene	ND		2.00	1.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Benzo (g,h,i) perylene	ND		2.00	1.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Benzo (k) fluoranthene	ND		2.00	1.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Biphenyl	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
4-Bromophenyl phenyl ether	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Butyl benzyl phthalate	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Caprolactam	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Carbazole	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
4-Chloro-3-methylphenol	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
4-Chloroaniline	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Bis(2-chloroethoxy)methane	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Bis(2-chloroethyl)ether	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Bis(2-chloroisopropyl)ether	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
2-Chloronaphthalene	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
2-Chlorophenol	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
4-Chlorophenyl phenyl ether	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Chrysene	ND		2.00	1.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Dibenz (a,h) anthracene	ND		2.00	1.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1459-BLK1

Matrix: Water

Analysis Batch: 12D1459

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1459_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Di-n-butyl phthalate	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
3,3-Dichlorobenzidine	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
2,4-Dichlorophenol	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Diethyl phthalate	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
2,4-Dimethylphenol	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Dimethyl phthalate	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
4,6-Dinitro-2-methylphenol	ND		25.0	13.0	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
2,4-Dinitrophenol	ND		25.0	13.0	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
2,4-Dinitrotoluene	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
2,6-Dinitrotoluene	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Di-n-octyl phthalate	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Bis(2-ethylhexyl)phthalate	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Fluoranthene	ND		2.00	1.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Fluorene	ND		2.00	1.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Hexachlorobenzene	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Hexachlorobutadiene	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Hexachlorocyclopentadiene	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Hexachloroethane	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Indeno (1,2,3-cd) pyrene	ND		2.00	1.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Isophorone	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
2-Methylnaphthalene	ND		2.00	1.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
2-Methylphenol	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
3/4-Methylphenol	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Naphthalene	ND		2.00	1.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
4-Nitroaniline	ND		25.0	13.0	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
2-Nitroaniline	ND		25.0	13.0	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
3-Nitroaniline	ND		25.0	13.0	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Nitrobenzene	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
2-Nitrophenol	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
4-Nitrophenol	ND		25.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
N-Nitrosodiphenylamine	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
N-Nitrosodi-n-propylamine	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Pentachlorophenol	ND		25.0	13.0	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Phenanthrene	ND		2.00	1.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Phenol	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
Pyrene	ND		2.00	1.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
2,4,6-Trichlorophenol	ND		10.0	5.00	ug/L		04/09/12 06:50	04/09/12 21:29	1.00
2,4,5-Trichlorophenol	ND		25.0	13.0	ug/L		04/09/12 06:50	04/09/12 21:29	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	44		10 - 120	04/09/12 06:50	04/09/12 21:29	1.00
Phenol-d5	28		10 - 120	04/09/12 06:50	04/09/12 21:29	1.00
Nitrobenzene-d5	68		27 - 120	04/09/12 06:50	04/09/12 21:29	1.00
2-Fluorobiphenyl	65		29 - 120	04/09/12 06:50	04/09/12 21:29	1.00
2,4,6-Tribromophenol	74		10 - 120	04/09/12 06:50	04/09/12 21:29	1.00
Terphenyl-d14	97		13 - 120	04/09/12 06:50	04/09/12 21:29	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1459-BS1

Matrix: Water

Analysis Batch: 12D1459

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1459_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	50.0	43.3		ug/L		87	46 - 120
Acenaphthylene	50.0	42.8		ug/L		86	48 - 120
Acetophenone	50.0	48.3		ug/L		97	36 - 120
Anthracene	50.0	53.8		ug/L		108	58 - 130
Benzo (a) anthracene	50.0	55.1		ug/L		110	57 - 120
Benzo (a) pyrene	50.0	52.1		ug/L		104	57 - 124
Benzo (b) fluoranthene	50.0	46.4		ug/L		93	51 - 125
Benzo (g,h,i) perylene	50.0	50.6		ug/L		101	51 - 123
Benzo (k) fluoranthene	50.0	53.0		ug/L		106	51 - 120
4-Bromophenyl phenyl ether	50.0	53.2		ug/L		106	47 - 127
Butyl benzyl phthalate	50.0	52.3		ug/L		105	51 - 146
Carbazole	50.0	53.6		ug/L		107	54 - 123
4-Chloro-3-methylphenol	50.0	49.8		ug/L		100	44 - 120
4-Chloroaniline	50.0	51.1		ug/L		102	44 - 120
Bis(2-chloroethoxy)methane	50.0	46.2		ug/L		92	44 - 120
Bis(2-chloroethyl)ether	50.0	43.3		ug/L		87	47 - 120
Bis(2-chloroisopropyl)ether	50.0	42.7		ug/L		85	44 - 120
2-Chloronaphthalene	50.0	32.5		ug/L		65	39 - 120
2-Chlorophenol	50.0	45.8		ug/L		92	40 - 120
4-Chlorophenyl phenyl ether	50.0	46.9		ug/L		94	50 - 120
Chrysene	50.0	52.6		ug/L		105	55 - 120
Dibenz (a,h) anthracene	50.0	50.1		ug/L		100	50 - 125
Dibenzofuran	50.0	48.2		ug/L		96	50 - 120
Di-n-butyl phthalate	50.0	50.5		ug/L		101	54 - 140
3,3-Dichlorobenzidine	50.0	57.6		ug/L		115	46 - 129
2,4-Dichlorophenol	50.0	49.9		ug/L		100	38 - 120
Diethyl phthalate	50.0	52.2		ug/L		104	54 - 128
2,4-Dimethylphenol	50.0	47.0		ug/L		94	21 - 126
Dimethyl phthalate	50.0	49.8		ug/L		100	53 - 127
4,6-Dinitro-2-methylphenol	50.0	62.2		ug/L		124	19 - 150
2,4-Dinitrophenol	50.0	61.0		ug/L		122	20 - 150
2,4-Dinitrotoluene	50.0	43.0		ug/L		86	46 - 132
2,6-Dinitrotoluene	50.0	44.4		ug/L		89	54 - 128
Di-n-octyl phthalate	50.0	46.2		ug/L		92	50 - 142
Bis(2-ethylhexyl)phthalate	50.0	50.0		ug/L		100	47 - 138
Fluoranthene	50.0	56.9		ug/L		114	56 - 120
Fluorene	50.0	51.0		ug/L		102	52 - 120
Hexachlorobenzene	50.0	58.0		ug/L		116	48 - 131
Hexachlorobutadiene	50.0	42.2		ug/L		84	28 - 120
Hexachlorocyclopentadiene	50.0	20.6		ug/L		41	17 - 120
Hexachloroethane	50.0	33.1		ug/L		66	30 - 120
Indeno (1,2,3-cd) pyrene	50.0	50.4		ug/L		101	54 - 125
Isophorone	50.0	38.3		ug/L		77	47 - 120
2-Methylnaphthalene	50.0	38.3		ug/L		77	31 - 120
2-Methylphenol	50.0	31.7		ug/L		63	38 - 120
3/4-Methylphenol	50.0	28.5		ug/L		57	33 - 120
Naphthalene	50.0	41.3		ug/L		83	37 - 120
4-Nitroaniline	50.0	56.8		ug/L		114	55 - 123
2-Nitroaniline	50.0	54.5		ug/L		109	46 - 131

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1459-BS1

Matrix: Water

Analysis Batch: 12D1459

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1459_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
3-Nitroaniline	50.0	54.8		ug/L		110	54 - 121
Nitrobenzene	50.0	34.7		ug/L		69	36 - 120
2-Nitrophenol	50.0	51.1		ug/L		102	32 - 120
4-Nitrophenol	50.0	20.9	J	ug/L		42	10 - 120
N-Nitrosodiphenylamine	50.0	60.5		ug/L		121	58 - 149
N-Nitrosodi-n-propylamine	50.0	47.6		ug/L		95	51 - 120
Pentachlorophenol	50.0	57.7		ug/L		115	21 - 150
Phenanthrene	50.0	53.4		ug/L		107	56 - 120
Phenol	50.0	18.4		ug/L		37	14 - 120
Pyrene	50.0	52.4		ug/L		105	53 - 129
2,4,6-Trichlorophenol	50.0	55.9		ug/L		112	39 - 135
2,4,5-Trichlorophenol	50.0	44.5		ug/L		89	40 - 129

Surrogate	%Recovery	LCS Qualifier	Limits
2-Fluorophenol	46		10 - 120
Phenol-d5	28		10 - 120
Nitrobenzene-d5	76		27 - 120
2-Fluorobiphenyl	71		29 - 120
2,4,6-Tribromophenol	78		10 - 120
Terphenyl-d14	103		13 - 120

Lab Sample ID: 12D1459-BS2

Matrix: Water

Analysis Batch: 12D1459

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1459_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetophenone	50.0	41.3		ug/L		83	36 - 120
Atrazine	50.0	46.7		ug/L		93	24 - 133
Benzaldehyde	50.0	40.4		ug/L		81	34 - 120
Biphenyl	50.0	34.0		ug/L		68	10 - 146
Caprolactam	50.0	10.1		ug/L		20	10 - 120
4-Chloro-3-methylphenol	50.0	39.8		ug/L		80	44 - 120
2-Chlorophenol	50.0	37.0		ug/L		74	40 - 120
2,4-Dichlorophenol	50.0	40.2		ug/L		80	38 - 120
2,4-Dimethylphenol	50.0	36.5		ug/L		73	21 - 126
4,6-Dinitro-2-methylphenol	50.0	45.3		ug/L		91	19 - 150
2,4-Dinitrophenol	50.0	40.6		ug/L		81	20 - 150
2-Methylphenol	50.0	25.8		ug/L		52	38 - 120
2-Nitrophenol	50.0	43.1		ug/L		86	32 - 120
4-Nitrophenol	50.0	15.6	J	ug/L		31	10 - 120
Pentachlorophenol	50.0	36.9		ug/L		74	21 - 150
Phenol	50.0	13.4		ug/L		27	14 - 120
2,4,6-Trichlorophenol	50.0	44.3		ug/L		89	39 - 135
2,4,5-Trichlorophenol	50.0	36.6		ug/L		73	40 - 129

Surrogate	%Recovery	LCS Qualifier	Limits
2-Fluorophenol	39		10 - 120
Phenol-d5	25		10 - 120
Nitrobenzene-d5	68		27 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1459-BS2

Matrix: Water

Analysis Batch: 12D1459

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1459_P

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	71		29 - 120
2,4,6-Tribromophenol	77		10 - 120
Terphenyl-d14	97		13 - 120

Lab Sample ID: 12D1459-MS1

Matrix: Water

Analysis Batch: 12D1459

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D1459_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Acenaphthene	ND		47.2	25.3		ug/L		54	46 - 120
Acenaphthylene	ND		47.2	24.7		ug/L		52	48 - 120
Acetophenone	ND		47.2	25.3		ug/L		54	10 - 200
Anthracene	ND		47.2	30.3		ug/L		64	56 - 130
Benzo (a) anthracene	ND		47.2	30.1		ug/L		64	57 - 122
Benzo (a) pyrene	ND		47.2	29.4		ug/L		62	46 - 138
Benzo (b) fluoranthene	ND		47.2	26.6		ug/L		56	45 - 138
Benzo (g,h,i) perylene	ND		47.2	29.0		ug/L		61	48 - 137
Benzo (k) fluoranthene	ND		47.2	30.3		ug/L		64	44 - 134
4-Bromophenyl phenyl ether	ND		47.2	31.7		ug/L		67	47 - 127
Butyl benzyl phthalate	ND		47.2	27.2		ug/L		58	51 - 146
Carbazole	ND		47.2	31.8		ug/L		67	53 - 123
4-Chloro-3-methylphenol	ND		47.2	28.8		ug/L		61	38 - 120
4-Chloroaniline	ND	M8	47.2	9.38	M8 J	ug/L		20	35 - 120
Bis(2-chloroethoxy)methane	ND		47.2	24.6		ug/L		52	41 - 120
Bis(2-chloroethyl)ether	ND		47.2	23.1		ug/L		49	42 - 120
Bis(2-chloroisopropyl)ether	ND		47.2	22.4		ug/L		48	44 - 120
2-Chloronaphthalene	ND		47.2	18.3		ug/L		39	39 - 120
2-Chlorophenol	ND		47.2	24.1		ug/L		51	40 - 120
4-Chlorophenyl phenyl ether	ND		47.2	31.9		ug/L		68	50 - 120
Chrysene	ND		47.2	29.1		ug/L		62	54 - 123
Dibenz (a,h) anthracene	ND		47.2	28.9		ug/L		61	50 - 136
Dibenzofuran	ND		47.2	26.9		ug/L		57	50 - 120
Di-n-butyl phthalate	ND		47.2	28.3		ug/L		60	54 - 140
3,3-Dichlorobenzidine	ND	M8	47.2	ND	M8	ug/L			10 - 130
2,4-Dichlorophenol	ND		47.2	28.6		ug/L		61	38 - 120
Diethyl phthalate	ND		47.2	33.5		ug/L		71	53 - 128
2,4-Dimethylphenol	ND		47.2	27.8		ug/L		59	11 - 130
Dimethyl phthalate	ND		47.2	28.4		ug/L		60	53 - 127
4,6-Dinitro-2-methylphenol	ND		47.2	32.5		ug/L		69	10 - 157
2,4-Dinitrophenol	ND		47.2	32.0		ug/L		68	10 - 176
2,4-Dinitrotoluene	ND		47.2	26.3		ug/L		56	46 - 134
2,6-Dinitrotoluene	ND		47.2	26.7		ug/L		57	54 - 128
Di-n-octyl phthalate	ND		47.2	23.9		ug/L		51	50 - 142
Bis(2-ethylhexyl)phthalate	ND		47.2	24.9		ug/L		53	44 - 138
Fluoranthene	ND		47.2	32.5		ug/L		69	56 - 120
Fluorene	ND		47.2	33.3		ug/L		71	52 - 120
Hexachlorobenzene	ND		47.2	33.3		ug/L		71	48 - 131
Hexachlorobutadiene	ND		47.2	20.2		ug/L		43	24 - 120
Hexachlorocyclopentadiene	ND		47.2	10.6		ug/L		22	10 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1459-MS1

Matrix: Water

Analysis Batch: 12D1459

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D1459_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Hexachloroethane	ND		47.2	16.0		ug/L		34	26 - 120
Indeno (1,2,3-cd) pyrene	ND		47.2	28.8		ug/L		61	50 - 136
Isophorone	ND		47.2	20.6		ug/L		44	42 - 120
2-Methylnaphthalene	ND		47.2	21.2		ug/L		45	31 - 120
2-Methylphenol	ND		47.2	18.5		ug/L		39	36 - 120
3/4-Methylphenol	ND		47.2	16.5		ug/L		35	32 - 120
Naphthalene	ND		47.2	21.8		ug/L		46	32 - 120
4-Nitroaniline	ND		47.2	35.6		ug/L		75	47 - 124
2-Nitroaniline	ND		47.2	33.3		ug/L		71	46 - 131
3-Nitroaniline	ND		47.2	29.8		ug/L		63	38 - 121
Nitrobenzene	ND		47.2	17.7		ug/L		38	36 - 120
2-Nitrophenol	ND		47.2	26.0		ug/L		55	32 - 120
4-Nitrophenol	ND		47.2	15.5	J	ug/L		33	10 - 120
N-Nitrosodiphenylamine	ND		47.2	34.8		ug/L		74	45 - 149
N-Nitrosodi-n-propylamine	ND		47.2	25.0		ug/L		53	50 - 121
Pentachlorophenol	ND		47.2	32.8		ug/L		70	21 - 159
Phenanthrene	ND		47.2	31.3		ug/L		66	53 - 120
Phenol	ND		47.2	10.3		ug/L		22	10 - 120
Pyrene	ND		47.2	29.2		ug/L		62	50 - 129
2,4,6-Trichlorophenol	ND		47.2	30.9		ug/L		66	39 - 135
2,4,5-Trichlorophenol	ND		47.2	25.2		ug/L		54	40 - 129

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
2-Fluorophenol	24		10 - 120
Phenol-d5	17		10 - 120
Nitrobenzene-d5	40		27 - 120
2-Fluorobiphenyl	42		29 - 120
2,4,6-Tribromophenol	52		10 - 120
Terphenyl-d14	42		13 - 120

Lab Sample ID: 12D1459-MSD1

Matrix: Water

Analysis Batch: 12D1459

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D1459_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		47.2	34.4		ug/L		73	46 - 120	30	31
Acenaphthylene	ND		47.2	32.7		ug/L		69	48 - 120	28	31
Acetophenone	ND		47.2	35.8		ug/L		76	10 - 200	34	50
Anthracene	ND		47.2	37.8		ug/L		80	56 - 130	22	28
Benzo (a) anthracene	ND		47.2	38.4		ug/L		81	57 - 122	24	27
Benzo (a) pyrene	ND		47.2	36.4		ug/L		77	46 - 138	21	27
Benzo (b) fluoranthene	ND		47.2	32.9		ug/L		70	45 - 138	21	39
Benzo (g,h,i) perylene	ND		47.2	36.8		ug/L		78	48 - 137	24	27
Benzo (k) fluoranthene	ND		47.2	36.2		ug/L		77	44 - 134	18	32
4-Bromophenyl phenyl ether	ND		47.2	39.9		ug/L		85	47 - 127	23	29
Butyl benzyl phthalate	ND		47.2	35.7		ug/L		76	51 - 146	27	31
Carbazole	ND		47.2	38.8		ug/L		82	53 - 123	20	29
4-Chloro-3-methylphenol	ND		47.2	38.4	R2	ug/L		81	38 - 120	28	22
4-Chloroaniline	ND	M8	47.2	24.1	R2	ug/L		51	35 - 120	88	26

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1459-MSD1

Matrix: Water

Analysis Batch: 12D1459

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D1459_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bis(2-chloroethoxy)methane	ND		47.2	33.5		ug/L		71	41 - 120	31	31
Bis(2-chloroethyl)ether	ND		47.2	31.5		ug/L		67	42 - 120	31	38
Bis(2-chloroisopropyl)ether	ND		47.2	30.5		ug/L		65	44 - 120	31	36
2-Chloronaphthalene	ND		47.2	25.4		ug/L		54	39 - 120	33	36
2-Chlorophenol	ND		47.2	34.3		ug/L		73	40 - 120	35	46
4-Chlorophenyl phenyl ether	ND		47.2	36.4		ug/L		77	50 - 120	13	29
Chrysene	ND		47.2	36.9		ug/L		78	54 - 123	24	27
Dibenz (a,h) anthracene	ND		47.2	37.0		ug/L		78	50 - 136	25	28
Dibenzofuran	ND		47.2	36.2		ug/L		77	50 - 120	29	29
Di-n-butyl phthalate	ND		47.2	35.3		ug/L		75	54 - 140	22	27
3,3-Dichlorobenzidine	ND	M8	47.2	11.4		ug/L		24	10 - 130		30
2,4-Dichlorophenol	ND		47.2	38.8		ug/L		82	38 - 120	30	30
Diethyl phthalate	ND		47.2	40.4		ug/L		86	53 - 128	19	28
2,4-Dimethylphenol	ND		47.2	37.7		ug/L		80	11 - 130	30	48
Dimethyl phthalate	ND		47.2	37.8	R2	ug/L		80	53 - 127	29	27
4,6-Dinitro-2-methylphenol	ND		47.2	38.8		ug/L		82	10 - 157	18	34
2,4-Dinitrophenol	ND		47.2	45.4	R2	ug/L		96	10 - 176	35	31
2,4-Dinitrotoluene	ND		47.2	33.5		ug/L		71	46 - 134	24	26
2,6-Dinitrotoluene	ND		47.2	32.9		ug/L		70	54 - 128	21	29
Di-n-octyl phthalate	ND		47.2	29.7		ug/L		63	50 - 142	22	28
Bis(2-ethylhexyl)phthalate	ND		47.2	32.8		ug/L		70	44 - 138	27	28
Fluoranthene	ND		47.2	41.1		ug/L		87	56 - 120	23	28
Fluorene	ND		47.2	38.2		ug/L		81	52 - 120	14	28
Hexachlorobenzene	ND		47.2	42.3		ug/L		90	48 - 131	24	28
Hexachlorobutadiene	ND		47.2	29.4		ug/L		62	24 - 120	37	43
Hexachlorocyclopentadiene	ND		47.2	15.8		ug/L		34	10 - 120	39	43
Hexachloroethane	ND		47.2	22.9		ug/L		48	26 - 120	36	45
Indeno (1,2,3-cd) pyrene	ND		47.2	36.2		ug/L		77	50 - 136	23	27
Isophorone	ND		47.2	28.1		ug/L		60	42 - 120	31	31
2-Methylnaphthalene	ND		47.2	28.4		ug/L		60	31 - 120	29	35
2-Methylphenol	ND		47.2	25.5		ug/L		54	36 - 120	32	32
3/4-Methylphenol	ND		47.2	22.7		ug/L		48	32 - 120	31	34
Naphthalene	ND		47.2	30.1		ug/L		64	32 - 120	32	37
4-Nitroaniline	ND		47.2	45.3		ug/L		96	47 - 124	24	26
2-Nitroaniline	ND		47.2	44.5	R2	ug/L		94	46 - 131	29	24
3-Nitroaniline	ND		47.2	42.9	R2	ug/L		91	38 - 121	36	26
Nitrobenzene	ND		47.2	25.8	R2	ug/L		55	36 - 120	37	28
2-Nitrophenol	ND		47.2	35.3		ug/L		75	32 - 120	30	31
4-Nitrophenol	ND		47.2	18.2	J	ug/L		39	10 - 120	16	38
N-Nitrosodiphenylamine	ND		47.2	39.3		ug/L		83	45 - 149	12	26
N-Nitrosodi-n-propylamine	ND		47.2	35.1		ug/L		74	50 - 121	33	37
Pentachlorophenol	ND		47.2	42.3		ug/L		90	21 - 159	25	31
Phenanthrene	ND		47.2	38.1		ug/L		81	53 - 120	20	26
Phenol	ND		47.2	14.2		ug/L		30	10 - 120	32	42
Pyrene	ND		47.2	35.7		ug/L		76	50 - 129	20	29
2,4,6-Trichlorophenol	ND		47.2	41.8		ug/L		89	39 - 135	30	40
2,4,5-Trichlorophenol	ND		47.2	33.7		ug/L		71	40 - 129	29	34

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1459-MSD1

Matrix: Water

Analysis Batch: 12D1459

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D1459_P

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits
2-Fluorophenol	37		10 - 120
Phenol-d5	24		10 - 120
Nitrobenzene-d5	59		27 - 120
2-Fluorobiphenyl	57		29 - 120
2,4,6-Tribromophenol	57		10 - 120
Terphenyl-d14	55		13 - 120

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Lab Sample ID: 12D1117-BLK1

Matrix: Water

Analysis Batch: V005811

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1117_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		04/09/12 16:10	04/09/12 17:09	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Butanol	68	Z6	70 - 130				04/09/12 16:10	04/09/12 17:09	1.00

Lab Sample ID: 12D1117-BS1

Matrix: Water

Analysis Batch: V005811

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1117_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Glycol	50.0	45.8		mg/L		92	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
n-Butanol	81		70 - 130				

Lab Sample ID: 12D1117-MS1

Matrix: Water

Analysis Batch: V005811

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D1117_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Glycol	ND		50.0	42.6		mg/L		85	41 - 139
Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits						
n-Butanol	91		70 - 130						

Lab Sample ID: 12D1117-MSD1

Matrix: Water

Analysis Batch: V005811

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D1117_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylene Glycol	ND		50.0	47.7		mg/L		95	41 - 139	11	36
Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits								
n-Butanol	112		70 - 130								

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Lab Sample ID: 12D1467-BLK1

Matrix: Water

Analysis Batch: V005920

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1467_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.500	0.250	ug/L		04/09/08 15:46	04/11/12 19:07	1.00
PCB-1221	ND		0.500	0.250	ug/L		04/09/08 15:46	04/11/12 19:07	1.00
PCB-1232	ND		0.500	0.250	ug/L		04/09/08 15:46	04/11/12 19:07	1.00
PCB-1242	ND		0.500	0.250	ug/L		04/09/08 15:46	04/11/12 19:07	1.00
PCB-1248	0.320	J	0.500	0.250	ug/L		04/09/08 15:46	04/11/12 19:07	1.00
PCB-1254	ND		0.500	0.250	ug/L		04/09/08 15:46	04/11/12 19:07	1.00
PCB-1260	ND		0.500	0.250	ug/L		04/09/08 15:46	04/11/12 19:07	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	94		17 - 142	04/09/08 15:46	04/11/12 19:07	1.00
Decachlorobiphenyl	85		10 - 149	04/09/08 15:46	04/11/12 19:07	1.00

Lab Sample ID: 12D1467-BS1

Matrix: Water

Analysis Batch: V005920

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1467_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1260	5.00	4.82		ug/L		96	36 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-meta-xylene	100		17 - 142
Decachlorobiphenyl	68		10 - 149

Lab Sample ID: 12D1467-MS1

Matrix: Water

Analysis Batch: V005920

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D1467_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1260	ND		476	266		ug/L		56	36 - 144

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
Tetrachloro-meta-xylene	95		17 - 142
Decachlorobiphenyl	33		10 - 149

Lab Sample ID: 12D1467-MSD1

Matrix: Water

Analysis Batch: V005920

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D1467_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
PCB-1260	ND		472	287		ug/L		61	36 - 144	8	50

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits
Tetrachloro-meta-xylene	96		17 - 142
Decachlorobiphenyl	38		10 - 149

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method: SW846 6020 - Total Metals by Method 6020

Lab Sample ID: 12D2513-BLK1

Matrix: Water

Analysis Batch: 12D2513

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D2513_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Arsenic	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Barium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Beryllium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Cadmium	ND		1.00	0.400	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Chromium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Cobalt	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Copper	ND		5.00	1.00	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Lead	ND		2.00	0.200	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Manganese	ND		5.00	1.00	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Nickel	ND		5.00	0.500	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Selenium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Silver	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Thallium	ND		2.00	0.700	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Vanadium	ND		4.00	1.50	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Zinc	ND		50.0	5.00	ug/L		04/13/12 09:18	04/16/12 15:45	1.00

Lab Sample ID: 12D2513-BS1

Matrix: Water

Analysis Batch: 12D2513

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D2513_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	100	97.3		ug/L		97	80 - 120
Arsenic	100	97.8		ug/L		98	80 - 120
Barium	100	103		ug/L		103	80 - 120
Beryllium	100	95.4		ug/L		95	80 - 120
Cadmium	100	94.4		ug/L		94	80 - 120
Chromium	100	97.5		ug/L		98	80 - 120
Cobalt	100	94.9		ug/L		95	80 - 120
Copper	100	106		ug/L		106	80 - 120
Lead	100	93.6		ug/L		94	80 - 120
Manganese	100	95.9		ug/L		96	80 - 120
Nickel	100	97.6		ug/L		98	80 - 120
Selenium	100	94.2		ug/L		94	80 - 120
Silver	100	90.1		ug/L		90	80 - 120
Thallium	100	91.8		ug/L		92	80 - 120
Vanadium	100	99.2		ug/L		99	80 - 120
Zinc	100	97.9		ug/L		98	80 - 120

Lab Sample ID: 12D2513-BSD1

Matrix: Water

Analysis Batch: 12D2513

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D2513_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	100	98.4		ug/L		98	80 - 120	1	20
Arsenic	100	97.0		ug/L		97	80 - 120	0.9	20
Barium	100	104		ug/L		104	80 - 120	0.8	20
Beryllium	100	95.8		ug/L		96	80 - 120	0.4	20
Cadmium	100	96.4		ug/L		96	80 - 120	2	20
Chromium	100	96.8		ug/L		97	80 - 120	0.7	20

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method: SW846 6020 - Total Metals by Method 6020 (Continued)

Lab Sample ID: 12D2513-BSD1

Matrix: Water

Analysis Batch: 12D2513

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D2513_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cobalt	100	94.2		ug/L		94	80 - 120	0.8	20
Copper	100	103		ug/L		103	80 - 120	4	20
Lead	100	95.1		ug/L		95	80 - 120	2	20
Manganese	100	94.9		ug/L		95	80 - 120	1	20
Nickel	100	96.6		ug/L		97	80 - 120	1	20
Selenium	100	95.1		ug/L		95	80 - 120	1	20
Silver	100	91.8		ug/L		92	80 - 120	2	20
Thallium	100	94.2		ug/L		94	80 - 120	3	20
Vanadium	100	97.9		ug/L		98	80 - 120	1	20
Zinc	100	98.5		ug/L		98	80 - 120	0.6	20

Lab Sample ID: 12D2513-MS1

Matrix: Water

Analysis Batch: 12D2513

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D2513_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	0.840	J	100	108		ug/L		107	75 - 125		
Arsenic	8.43		100	108		ug/L		100	75 - 125		
Barium	571		100	684		ug/L		112	75 - 125		
Beryllium	ND		100	104		ug/L		104	75 - 125		
Cadmium	1.65		100	102		ug/L		100	75 - 125		
Chromium	2.68		100	98.1		ug/L		95	75 - 125		
Cobalt	5.35		100	95.3		ug/L		90	75 - 125		
Copper	14.2		100	105		ug/L		91	75 - 125		
Lead	44.0		100	145		ug/L		101	75 - 125		
Manganese	6040		100	6170	MHA	ug/L		129	75 - 125		
Nickel	26.2		100	116		ug/L		90	75 - 125		
Selenium	ND		100	97.9		ug/L		98	75 - 125		
Silver	1.22	J	100	32.7	M2	ug/L		31	75 - 125		
Thallium	ND		100	97.6		ug/L		98	75 - 125		
Vanadium	10.7		100	111		ug/L		100	75 - 125		
Zinc	54.7		100	147		ug/L		92	75 - 125		

Lab Sample ID: 12D2513-MSD1

Matrix: Water

Analysis Batch: 12D2513

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D2513_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	0.840	J	100	109		ug/L		108	75 - 125	0.8	20
Arsenic	8.43		100	107		ug/L		99	75 - 125	1	20
Barium	571		100	677		ug/L		106	75 - 125	1	20
Beryllium	ND		100	106		ug/L		106	75 - 125	2	20
Cadmium	1.65		100	102		ug/L		100	75 - 125	0.5	20
Chromium	2.68		100	97.0		ug/L		94	75 - 125	1	20
Cobalt	5.35		100	94.9		ug/L		90	75 - 125	0.4	20
Copper	14.2		100	105		ug/L		91	75 - 125	0.1	20
Lead	44.0		100	144		ug/L		100	75 - 125	1	20
Manganese	6040		100	6140		ug/L		106	75 - 125	0.4	20
Nickel	26.2		100	116		ug/L		90	75 - 125	0.09	20
Selenium	ND		100	98.9		ug/L		99	75 - 125	1	20

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method: SW846 6020 - Total Metals by Method 6020 (Continued)

Lab Sample ID: 12D2513-MSD1

Matrix: Water

Analysis Batch: 12D2513

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D2513_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	1.22	J	100	32.9	M2	ug/L		32	75 - 125	0.5	20
Thallium	ND		100	97.2		ug/L		97	75 - 125	0.4	20
Vanadium	10.7		100	110		ug/L		99	75 - 125	1	20
Zinc	54.7		100	165		ug/L		110	75 - 125	12	20

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Lab Sample ID: 12D1523-BLK1

Matrix: Water

Analysis Batch: 12D1523

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1523_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		04/10/12 10:40	04/10/12 14:33	1.00

Lab Sample ID: 12D1523-BS1

Matrix: Water

Analysis Batch: 12D1523

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1523_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00100	0.000930		mg/L		93	80 - 120

Lab Sample ID: 12D1523-BSD1

Matrix: Water

Analysis Batch: 12D1523

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1523_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.00100	0.000964		mg/L		96	80 - 120	4	20

Lab Sample ID: 12D1523-MS1

Matrix: Water

Analysis Batch: 12D1523

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D1523_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00100	0.000411	M8	mg/L		41	75 - 125

Lab Sample ID: 12D1523-MSD1

Matrix: Water

Analysis Batch: 12D1523

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D1523_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00100	0.000377	M8	mg/L		38	75 - 125	9	20

Method: SW846 7196A - General Chemistry Parameters

Lab Sample ID: 12D1392-BLK1

Matrix: Water

Analysis Batch: 12D1392

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1392_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		0.0100	0.00500	mg/L		04/07/12 10:59	04/07/12 10:59	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method: SW846 7196A - General Chemistry Parameters (Continued)

Lab Sample ID: 12D1392-BS1

Matrix: Water

Analysis Batch: 12D1392

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1392_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	0.100	0.0978		mg/L		98	85 - 115

Lab Sample ID: 12D1392-MS1

Matrix: Water

Analysis Batch: 12D1392

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D1392_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	ND	M2 RL1	0.500	0.382	M2	mg/L		76	85 - 115

Lab Sample ID: 12D1392-MSD1

Matrix: Water

Analysis Batch: 12D1392

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D1392_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium (VI)	ND	M2 RL1	0.500	0.358	M2	mg/L		72	85 - 115	6	10

Lab Sample ID: 12D1392-DUP1

Matrix: Water

Analysis Batch: 12D1392

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D1392_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium (VI)	ND	M2 RL1	ND	RL1	mg/L					10

Method: SW846 9012B - General Chemistry Parameters

Lab Sample ID: 12D2078-BLK1

Matrix: Water

Analysis Batch: 12D2078

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D2078_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		0.00500	0.00250	mg/L		04/12/12 14:15	04/17/12 07:50	1.00

Lab Sample ID: 12D2078-BS1

Matrix: Water

Analysis Batch: 12D2078

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D2078_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	0.200	0.191		mg/L		95	90 - 110

Lab Sample ID: 12D2078-MS1

Matrix: Water

Analysis Batch: 12D2078

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D2078_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	ND	M8	0.100	0.00652	M8	mg/L		7	70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method: SW846 9012B - General Chemistry Parameters (Continued)

Lab Sample ID: 12D2078-MSD1

Matrix: Water

Analysis Batch: 12D2078

Client Sample ID: TP-15-GW-040612-20

Prep Type: Total

Prep Batch: 12D2078_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Cyanide	ND	M8	0.100	0.0234	M8 R2	mg/L		23	70 - 130	113	20

Lab Sample ID: 12D2078-DUP1

Matrix: Water

Analysis Batch: 12D2078

Client Sample ID: TP-15-EB-040612-00

Prep Type: Total

Prep Batch: 12D2078_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	Limit
Cyanide	0.0512		0.0100	R2	mg/L		134	20

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

GCMS Volatiles

Analysis Batch: V006008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1405-BLK1	Method Blank	Total	Water	SW846 8260B	12D1405_P
12D1405-BS1	Lab Control Sample	Total	Water	SW846 8260B	12D1405_P
12D1405-BSD1	Lab Control Sample Dup	Total	Water	SW846 8260B	12D1405_P
12D1405-MS1	TP-15-GW-040612-20	Total	Water	SW846 8260B	12D1405_P
12D1405-MSD1	TP-15-GW-040612-20	Total	Water	SW846 8260B	12D1405_P
NWD0765-01	TP-15-GW-040612-20	Total	Ground Water	SW846 8260B	12D1405_P
NWD0765-02	TP-15-EB-040612-00	Total	Water	SW846 8260B	12D1405_P
NWD0765-03	TP-15-FB-040612-00	Total	Water	SW846 8260B	12D1405_P
NWD0765-04	Trip Blank	Total	Water	SW846 8260B	12D1405_P
NWD0765-05	Trip Blank	Total	Water	SW846 8260B	12D1405_P

Prep Batch: 12D1405_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1405-BLK1	Method Blank	Total	Water	EPA 5030B	
12D1405-BS1	Lab Control Sample	Total	Water	EPA 5030B	
12D1405-BSD1	Lab Control Sample Dup	Total	Water	EPA 5030B	
12D1405-MS1	TP-15-GW-040612-20	Total	Water	EPA 5030B	
12D1405-MSD1	TP-15-GW-040612-20	Total	Water	EPA 5030B	
NWD0765-01	TP-15-GW-040612-20	Total	Ground Water	EPA 5030B	
NWD0765-02	TP-15-EB-040612-00	Total	Water	EPA 5030B	
NWD0765-03	TP-15-FB-040612-00	Total	Water	EPA 5030B	
NWD0765-04	Trip Blank	Total	Water	EPA 5030B	
NWD0765-05	Trip Blank	Total	Water	EPA 5030B	

GCMS Semivolatiles

Analysis Batch: 12D1459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1459-BLK1	Method Blank	Total	Water	SW846 8270C	12D1459_P
12D1459-BS1	Lab Control Sample	Total	Water	SW846 8270C	12D1459_P
12D1459-BS2	Lab Control Sample	Total	Water	SW846 8270C	12D1459_P
12D1459-MS1	TP-15-GW-040612-20	Total	Water	SW846 8270C	12D1459_P
12D1459-MSD1	TP-15-GW-040612-20	Total	Water	SW846 8270C	12D1459_P
NWD0765-01	TP-15-GW-040612-20	Total	Ground Water	SW846 8270C	12D1459_P
NWD0765-02	TP-15-EB-040612-00	Total	Water	SW846 8270C	12D1459_P
NWD0765-03	TP-15-FB-040612-00	Total	Water	SW846 8270C	12D1459_P

Prep Batch: 12D1459_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1459-BLK1	Method Blank	Total	Water	EPA 3510C	
12D1459-BS1	Lab Control Sample	Total	Water	EPA 3510C	
12D1459-BS2	Lab Control Sample	Total	Water	EPA 3510C	
12D1459-MS1	TP-15-GW-040612-20	Total	Water	EPA 3510C	
12D1459-MSD1	TP-15-GW-040612-20	Total	Water	EPA 3510C	
NWD0765-01	TP-15-GW-040612-20	Total	Ground Water	EPA 3510C	
NWD0765-02	TP-15-EB-040612-00	Total	Water	EPA 3510C	
NWD0765-03	TP-15-FB-040612-00	Total	Water	EPA 3510C	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Pesticides

Analysis Batch: V005811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1117-BLK1	Method Blank	Total	Water	SW846 8015B	12D1117_P
12D1117-BS1	Lab Control Sample	Total	Water	SW846 8015B	12D1117_P
12D1117-MS1	TP-15-GW-040612-20	Total	Water	SW846 8015B	12D1117_P
12D1117-MSD1	TP-15-GW-040612-20	Total	Water	SW846 8015B	12D1117_P
NWD0765-01	TP-15-GW-040612-20	Total	Ground Water	SW846 8015B	12D1117_P
NWD0765-02	TP-15-EB-040612-00	Total	Water	SW846 8015B	12D1117_P
NWD0765-03	TP-15-FB-040612-00	Total	Water	SW846 8015B	12D1117_P

Analysis Batch: V005920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1467-BLK1	Method Blank	Total	Water	SW846 8082	12D1467_P
12D1467-BS1	Lab Control Sample	Total	Water	SW846 8082	12D1467_P
12D1467-MS1	TP-15-GW-040612-20	Total	Water	SW846 8082	12D1467_P
12D1467-MSD1	TP-15-GW-040612-20	Total	Water	SW846 8082	12D1467_P
NWD0765-01	TP-15-GW-040612-20	Total	Ground Water	SW846 8082	12D1467_P
NWD0765-02	TP-15-EB-040612-00	Total	Water	SW846 8082	12D1467_P
NWD0765-03	TP-15-FB-040612-00	Total	Water	SW846 8082	12D1467_P

Prep Batch: 12D1117_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1117-BLK1	Method Blank	Total	Water	NO PREP-PEST	
12D1117-BS1	Lab Control Sample	Total	Water	NO PREP-PEST	
12D1117-MS1	TP-15-GW-040612-20	Total	Water	NO PREP-PEST	
12D1117-MSD1	TP-15-GW-040612-20	Total	Water	NO PREP-PEST	
NWD0765-01	TP-15-GW-040612-20	Total	Ground Water	NO PREP-PEST	
NWD0765-02	TP-15-EB-040612-00	Total	Water	NO PREP-PEST	
NWD0765-03	TP-15-FB-040612-00	Total	Water	NO PREP-PEST	

Prep Batch: 12D1467_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1467-BLK1	Method Blank	Total	Water	EPA 3510C/3665A	
12D1467-BS1	Lab Control Sample	Total	Water	EPA 3510C/3665A	
12D1467-MS1	TP-15-GW-040612-20	Total	Water	EPA 3510C/3665A	
12D1467-MSD1	TP-15-GW-040612-20	Total	Water	EPA 3510C/3665A	
NWD0765-01	TP-15-GW-040612-20	Total	Ground Water	EPA 3510C/3665A	
NWD0765-02	TP-15-EB-040612-00	Total	Water	EPA 3510C/3665A	
NWD0765-03	TP-15-FB-040612-00	Total	Water	EPA 3510C/3665A	

Metals

Analysis Batch: 12D1523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1523-BLK1	Method Blank	Total	Water	SW846 7470A	12D1523_P
12D1523-BS1	Lab Control Sample	Total	Water	SW846 7470A	12D1523_P
12D1523-BSD1	Lab Control Sample Dup	Total	Water	SW846 7470A	12D1523_P
12D1523-MS1	TP-15-GW-040612-20	Total	Water	SW846 7470A	12D1523_P
12D1523-MSD1	TP-15-GW-040612-20	Total	Water	SW846 7470A	12D1523_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Metals (Continued)

Analysis Batch: 12D1523 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0765-01	TP-15-GW-040612-20	Total	Ground Water	SW846 7470A	12D1523_P
NWD0765-02	TP-15-EB-040612-00	Total	Water	SW846 7470A	12D1523_P
NWD0765-03	TP-15-FB-040612-00	Total	Water	SW846 7470A	12D1523_P

Analysis Batch: 12D2513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2513-BLK1	Method Blank	Total	Water	SW846 6020	12D2513_P
12D2513-BS1	Lab Control Sample	Total	Water	SW846 6020	12D2513_P
12D2513-BSD1	Lab Control Sample Dup	Total	Water	SW846 6020	12D2513_P
12D2513-MS1	TP-15-GW-040612-20	Total	Water	SW846 6020	12D2513_P
12D2513-MSD1	TP-15-GW-040612-20	Total	Water	SW846 6020	12D2513_P
NWD0765-01	TP-15-GW-040612-20	Total	Ground Water	SW846 6020	12D2513_P
NWD0765-01 - RE1	TP-15-GW-040612-20	Total	Ground Water	SW846 6020	12D2513_P
NWD0765-02	TP-15-EB-040612-00	Total	Water	SW846 6020	12D2513_P
NWD0765-03	TP-15-FB-040612-00	Total	Water	SW846 6020	12D2513_P

Prep Batch: 12D1523_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1523-BLK1	Method Blank	Total	Water	EPA 7470	
12D1523-BS1	Lab Control Sample	Total	Water	EPA 7470	
12D1523-BSD1	Lab Control Sample Dup	Total	Water	EPA 7470	
12D1523-MS1	TP-15-GW-040612-20	Total	Water	EPA 7470	
12D1523-MSD1	TP-15-GW-040612-20	Total	Water	EPA 7470	
NWD0765-01	TP-15-GW-040612-20	Total	Ground Water	EPA 7470	
NWD0765-02	TP-15-EB-040612-00	Total	Water	EPA 7470	
NWD0765-03	TP-15-FB-040612-00	Total	Water	EPA 7470	

Prep Batch: 12D2513_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2513-BLK1	Method Blank	Total	Water	EPA 3010A / 6020	
12D2513-BS1	Lab Control Sample	Total	Water	EPA 3010A / 6020	
12D2513-BSD1	Lab Control Sample Dup	Total	Water	EPA 3010A / 6020	
12D2513-MS1	TP-15-GW-040612-20	Total	Water	EPA 3010A / 6020	
12D2513-MSD1	TP-15-GW-040612-20	Total	Water	EPA 3010A / 6020	
NWD0765-01	TP-15-GW-040612-20	Total	Ground Water	EPA 3010A / 6020	
NWD0765-01 - RE1	TP-15-GW-040612-20	Total	Ground Water	EPA 3010A / 6020	
NWD0765-02	TP-15-EB-040612-00	Total	Water	EPA 3010A / 6020	
NWD0765-03	TP-15-FB-040612-00	Total	Water	EPA 3010A / 6020	

WetChem

Analysis Batch: 12D1392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1392-BLK1	Method Blank	Total	Water	SW846 7196A	12D1392_P
12D1392-BS1	Lab Control Sample	Total	Water	SW846 7196A	12D1392_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

WetChem (Continued)

Analysis Batch: 12D1392 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1392-DUP1	TP-15-GW-040612-20	Total	Water	SW846 7196A	12D1392_P
12D1392-MS1	TP-15-GW-040612-20	Total	Water	SW846 7196A	12D1392_P
12D1392-MSD1	TP-15-GW-040612-20	Total	Water	SW846 7196A	12D1392_P
NWD0765-01	TP-15-GW-040612-20	Total	Ground Water	SW846 7196A	12D1392_P
NWD0765-02	TP-15-EB-040612-00	Total	Water	SW846 7196A	12D1392_P
NWD0765-03	TP-15-FB-040612-00	Total	Water	SW846 7196A	12D1392_P

Analysis Batch: 12D2078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2078-BLK1	Method Blank	Total	Water	SW846 9012B	12D2078_P
12D2078-BS1	Lab Control Sample	Total	Water	SW846 9012B	12D2078_P
12D2078-DUP1	TP-15-EB-040612-00	Total	Water	SW846 9012B	12D2078_P
12D2078-MS1	TP-15-GW-040612-20	Total	Water	SW846 9012B	12D2078_P
12D2078-MSD1	TP-15-GW-040612-20	Total	Water	SW846 9012B	12D2078_P
NWD0765-01	TP-15-GW-040612-20	Total	Ground Water	SW846 9012B	12D2078_P
NWD0765-02	TP-15-EB-040612-00	Total	Water	SW846 9012B	12D2078_P
NWD0765-03	TP-15-FB-040612-00	Total	Water	SW846 9012B	12D2078_P

Prep Batch: 12D1392_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1392-BLK1	Method Blank	Total	Water	NO PREP	
12D1392-BS1	Lab Control Sample	Total	Water	NO PREP	
12D1392-DUP1	TP-15-GW-040612-20	Total	Water	NO PREP	
12D1392-MS1	TP-15-GW-040612-20	Total	Water	NO PREP	
12D1392-MSD1	TP-15-GW-040612-20	Total	Water	NO PREP	
NWD0765-01	TP-15-GW-040612-20	Total	Ground Water	NO PREP	
NWD0765-02	TP-15-EB-040612-00	Total	Water	NO PREP	
NWD0765-03	TP-15-FB-040612-00	Total	Water	NO PREP	

Prep Batch: 12D2078_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2078-BLK1	Method Blank	Total	Water	NO PREP	
12D2078-BS1	Lab Control Sample	Total	Water	NO PREP	
12D2078-DUP1	TP-15-EB-040612-00	Total	Water	NO PREP	
12D2078-MS1	TP-15-GW-040612-20	Total	Water	NO PREP	
12D2078-MSD1	TP-15-GW-040612-20	Total	Water	NO PREP	
NWD0765-01	TP-15-GW-040612-20	Total	Ground Water	NO PREP	
NWD0765-02	TP-15-EB-040612-00	Total	Water	NO PREP	
NWD0765-03	TP-15-FB-040612-00	Total	Water	NO PREP	

Analysis Batch: 12D2513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0765-01	TP-15-GW-040612-20	Total	Ground Water	SW846 6020	

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Client Sample ID: TP-15-GW-040612-20

Date Collected: 04/06/12 13:26

Date Received: 04/07/12 08:15

Lab Sample ID: NWD0765-01

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12D1405_P	04/06/12 13:26	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006008	04/11/12 21:16	FKG	TAL NSH
Total	Prep	EPA 3510C		0.943	12D1459_P	04/09/12 06:50	MWT	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1459	04/09/12 22:43	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1117_P	04/09/12 16:10	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005811	04/09/12 18:26	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A		95.2	12D1467_P	04/09/12 08:30	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005920	04/11/12 20:33	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12D2513_P	04/13/12 09:18	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	12D2513	04/16/12 16:58	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12D1523_P	04/10/12 10:40	ALJ	TAL NSH
Total	Analysis	SW846 7470A		1.00	12D1523	04/10/12 15:24	ALJ	TAL NSH
Total	Prep	EPA 3010A / 6020	RE1	1.00	12D2513_P	04/13/12 09:18	MET	TAL NSH
Total	Analysis	SW846 6020	RE1	10.0	12D2513	04/16/12 17:31	MET	TAL NSH
Total	Analysis	SW846 7196A		5.00	12D1392	04/07/12 11:15	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D1392_P	04/07/12 11:15	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D2078_P	04/12/12 14:15	SNG	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D2078	04/17/12 07:53	MLM	TAL NSH
Total	Analysis	SW846 6020		1.00	12D2513	04/16/12 17:02		TAL NSH

Client Sample ID: TP-15-EB-040612-00

Date Collected: 04/06/12 13:00

Date Received: 04/07/12 08:15

Lab Sample ID: NWD0765-02

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12D1405_P	04/06/12 13:00	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006008	04/11/12 21:45	FKG	TAL NSH
Total	Prep	EPA 3510C		0.943	12D1459_P	04/09/12 06:50	MWT	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1459	04/09/12 23:02	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1117_P	04/09/12 16:10	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005811	04/09/12 18:41	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A		94.3	12D1467_P	04/09/12 08:30	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005920	04/11/12 20:54	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12D2513_P	04/13/12 09:18	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	12D2513	04/16/12 17:09	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12D1523_P	04/10/12 10:40	ALJ	TAL NSH
Total	Analysis	SW846 7470A		1.00	12D1523	04/10/12 15:31	ALJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1392	04/07/12 11:20	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D1392_P	04/07/12 11:20	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D2078_P	04/12/12 14:15	SNG	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D2078	04/17/12 07:55	MLM	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Client Sample ID: TP-15-FB-040612-00

Lab Sample ID: NWD0765-03

Date Collected: 04/06/12 13:32

Matrix: Water

Date Received: 04/07/12 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12D1405_P	04/06/12 13:32	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006008	04/11/12 22:13	FKG	TAL NSH
Total	Prep	EPA 3510C		0.943	12D1459_P	04/09/12 06:50	MWT	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1459	04/09/12 23:19	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1117_P	04/09/12 16:10	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005811	04/09/12 18:56	AMJ	TAL NSH
Total	Prep	EPA 3510C/3665A		94.3	12D1467_P	04/09/12 08:30	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005920	04/11/12 21:16	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12D2513_P	04/13/12 09:18	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	12D2513	04/16/12 17:13	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12D1523_P	04/10/12 10:40	ALJ	TAL NSH
Total	Analysis	SW846 7470A		1.00	12D1523	04/10/12 15:33	ALJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1392	04/07/12 11:25	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D1392_P	04/07/12 11:25	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D2078_P	04/12/12 14:15	SNG	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D2078	04/17/12 07:58	MLM	TAL NSH

Client Sample ID: Trip Blank

Lab Sample ID: NWD0765-04

Date Collected: 04/06/12 00:01

Matrix: Water

Date Received: 04/07/12 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12D1405_P	04/06/12 00:01	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006008	04/11/12 16:36	FKG	TAL NSH

Client Sample ID: Trip Blank

Lab Sample ID: NWD0765-05

Date Collected: 04/06/12 00:01

Matrix: Water

Date Received: 04/07/12 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12D1405_P	04/06/12 00:01	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006008	04/11/12 17:04	FKG	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Method Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Method	Method Description	Protocol	Laboratory
SW846 8260B	Volatile Organic Compounds by EPA Method 8260B		TAL NSH
SW846 8270C	Semivolatile Organic Compounds by EPA Method 8270C		TAL NSH
SW846 8015B	Glycols by EPA Method 8015 (modified)		TAL NSH
SW846 8082	Polychlorinated Biphenyls by EPA Method 8082		TAL NSH
SW846 6020	Total Metals by Method 6020		TAL NSH
SW846 7470A	Mercury by EPA Methods 7470A/7471A		TAL NSH
SW846 7196A	General Chemistry Parameters		TAL NSH
SW846 9012B	General Chemistry Parameters		TAL NSH

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

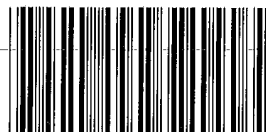
Certification Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0765

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Nashville		ACIL		393
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska (UST)	State Program	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas DEQ	State Program	6	88-0737
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Canadian Assoc Lab Accred (CALA)	Canada		3744
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Florida	NELAC	4	E87358
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Kentucky (UST)	State Program	4	19
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Louisiana	NELAC	6	LA110014
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana (UST)	State Program	8	NA
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina DENR	State Program	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio VAP	State Program	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	USDA	Federal		S-48469
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	NELAC	3	460152
TestAmerica Nashville	Virginia	State Program	3	00323
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia DEP	State Program	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430
TestAmerica Nashville	Wyoming (UST)	A2LA	8	453.07

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.



NWD0765

Cooler Received/Opened On 4/7/2012 @ 0815

1. Tracking # 0804 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 0.9 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: (1) Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) W

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) P.H.

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) P.H.

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) P.H.

I certify that I attached a label with the unique LIMS number to each container (initial) P.H.

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#

Cooler Received/Opened On 4/7/2012 @ 0815

1. Tracking # 2916 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 97310166

2. Temperature of rep. sample or temp blank when opened: 2.0 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: one from +

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA DA 4-7-12

I certify that I opened the cooler and answered questions 1-6 (initial) DA

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 2

I certify that I unloaded the cooler and answered questions 7-14 (initial) P.H.

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) P.H.

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) P.H.

I certify that I attached a label with the unique LIMS number to each container (initial) P.H.

21. Were there Non-Conformance issues at login? YES. NO Was a PIPE generated? YES. NO..#

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

2960 Foster Creighton Road

Nashville, TN 37204

Tel: 800-765-0980

TestAmerica Job ID: NWD0861

Client Project/Site: [none]

Client Project Description: Leeds Facility

For:

Haley & Aldrich (Lenexa)

8735 Rosehill Road, Suite 340

Lenexa, KS 66215-6949

Attn: Mariruth Gruis

Roxanne L. Connor

Authorized for release by:

4/23/2012 11:39:03 AM

Roxanne Connor

Program Manager - Conventional Accounts

roxanne.connor@testamericainc.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Sample Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
NWD0861-01	TP-02-SS-040512-00	Soil	04/05/12 08:15	04/07/12 08:15
NWD0861-02	TP-04-SS-040512-00	Soil	04/05/12 12:25	04/07/12 08:15
NWD0861-03	TP-08-SS-040612-00	Soil	04/06/12 09:22	04/07/12 08:15
NWD0861-04	TP-08-S0-040612-04	Soil	04/06/12 10:14	04/07/12 08:15
NWD0861-05	TP-14-SS-040612-00	Soil	04/06/12 14:40	04/07/12 08:15
NWD0861-06	TP-14-S0-040612-06	Soil	04/06/12 15:23	04/07/12 08:15
NWD0861-07	TP-15-SS-040612-00	Soil	04/06/12 11:17	04/07/12 08:15
NWD0861-08	TP-15-S0-040612-05	Soil	04/06/12 13:30	04/07/12 08:15
NWD0861-09	Trip Blank	Water	04/06/12 00:01	04/07/12 08:15

Definitions/Glossary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
R2	The RPD exceeded the acceptance limit.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.

GCMS Semivolatiles

Qualifier	Qualifier Description
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
R2	The RPD exceeded the acceptance limit.
L2	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.

Pesticides

Qualifier	Qualifier Description
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-02-SS-040512-00

Lab Sample ID: NWD0861-01

Date Collected: 04/05/12 08:15

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 80

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0492	0.0246	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Benzene	ND		0.00197	0.00108	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Bromochloromethane	ND		0.00197	0.00118	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Bromodichloromethane	ND		0.00197	0.000985	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Bromoform	ND		0.00197	0.000985	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Bromomethane	ND		0.00197	0.00118	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
2-Butanone	ND		0.0492	0.0246	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Carbon disulfide	ND		0.00492	0.00355	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Carbon Tetrachloride	ND		0.00197	0.000985	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Chlorobenzene	ND		0.00197	0.00108	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Chlorodibromomethane	ND		0.00197	0.000985	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Chloroethane	ND		0.00492	0.00246	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Chloroform	ND		0.00197	0.00128	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Chloromethane	ND		0.00197	0.00108	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Cyclohexane	ND		0.00985	0.00492	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
1,2-Dibromo-3-chloropropane	ND		0.00492	0.00246	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
1,2-Dibromoethane (EDB)	ND		0.00197	0.000985	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
1,2-Dichlorobenzene	ND		0.00197	0.000985	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
1,3-Dichlorobenzene	ND		0.00197	0.00118	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
1,4-Dichlorobenzene	ND		0.00197	0.00108	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Dichlorodifluoromethane	ND		0.00197	0.00138	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
1,2-Dichloroethane	ND		0.00197	0.00108	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
1,1-Dichloroethane	ND		0.00197	0.00128	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
1,1-Dichloroethene	ND		0.00197	0.00118	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
trans-1,2-Dichloroethene	ND		0.00197	0.00128	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
cis-1,2-Dichloroethene	ND		0.00197	0.00108	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
1,2-Dichloropropane	ND		0.00197	0.000985	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
trans-1,3-Dichloropropene	ND		0.00197	0.000985	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
cis-1,3-Dichloropropene	ND		0.00197	0.000985	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Ethylbenzene	ND		0.00197	0.00108	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
2-Hexanone	ND		0.0492	0.0246	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Isopropylbenzene	ND		0.00197	0.00108	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Methyl Acetate	ND		0.00985	0.00492	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Methylcyclohexane	ND		0.00985	0.00492	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Methyl tert-Butyl Ether	ND		0.00197	0.000985	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Methylene Chloride	ND		0.00985	0.00492	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
4-Methyl-2-pentanone	ND		0.0492	0.0246	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
n-Propylbenzene	ND		0.00197	0.00108	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Styrene	ND		0.00197	0.00108	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
1,1,2,2-Tetrachloroethane	ND		0.00197	0.000985	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Tetrachloroethene	ND		0.00197	0.00128	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Tetrahydrofuran	ND		0.0197	0.00985	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Toluene	ND		0.00197	0.00108	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
1,2,4-Trichlorobenzene	ND		0.00197	0.00118	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
1,1,1-Trichloroethane	ND		0.00197	0.000985	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
1,1,2-Trichloroethane	ND		0.00492	0.00246	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Trichloroethene	ND		0.00197	0.000985	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Trichlorofluoromethane	ND		0.00197	0.000985	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Vinyl chloride	ND		0.00197	0.000985	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
Xylenes, total	ND		0.00492	0.00246	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00197	0.00108	mg/kg dry	☼	04/05/12 08:15	04/13/12 19:20	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-02-SS-040512-00

Lab Sample ID: NWD0861-01

Date Collected: 04/05/12 08:15

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 80

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	101		70 - 130	04/05/12 08:15	04/13/12 19:20	1.00
Dibromofluoromethane	97		70 - 130	04/05/12 08:15	04/13/12 19:20	1.00
Toluene-d8	103		70 - 130	04/05/12 08:15	04/13/12 19:20	1.00
4-Bromofluorobenzene	100		70 - 130	04/05/12 08:15	04/13/12 19:20	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0821	0.0416	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Acenaphthylene	ND		0.0821	0.0416	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Acetophenone	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Anthracene	ND		0.0821	0.0416	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Atrazine	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Benzaldehyde	ND		2.05	1.02	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Benzo (a) anthracene	ND		0.0821	0.0416	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Benzo (b) fluoranthene	ND		0.0821	0.0416	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Benzo (a) pyrene	ND		0.0821	0.0416	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Benzo (g,h,i) perylene	ND		0.0821	0.0416	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Benzo (k) fluoranthene	ND		0.0821	0.0416	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Biphenyl	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
4-Bromophenyl phenyl ether	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Butyl benzyl phthalate	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
4-Chloro-3-methylphenol	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
4-Chloroaniline	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Caprolactam	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Carbazole	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
2-Chloronaphthalene	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Bis(2-chloroethoxy)methane	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Bis(2-chloroethyl)ether	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Bis(2-chloroisopropyl)ether	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
2-Chlorophenol	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
4-Chlorophenyl phenyl ether	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Chrysene	ND		0.0821	0.0416	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Dibenz (a,h) anthracene	ND		0.0821	0.0416	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Dibenzofuran	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Di-n-butyl phthalate	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
3,3-Dichlorobenzidine	ND		0.817	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
2,4-Dichlorophenol	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Diethyl phthalate	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
2,4-Dimethylphenol	ND		0.408	0.235	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Dimethyl phthalate	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
4,6-Dinitro-2-methylphenol	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
2,4-Dinitrophenol	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
2,6-Dinitrotoluene	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
2,4-Dinitrotoluene	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Di-n-octyl phthalate	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Bis(2-ethylhexyl)phthalate	ND L		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Fluoranthene	ND		0.0821	0.0416	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Fluorene	ND		0.0821	0.0416	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Hexachlorobenzene	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Hexachlorobutadiene	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Hexachlorocyclopentadiene	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Hexachloroethane	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-02-SS-040512-00

Lab Sample ID: NWD0861-01

Date Collected: 04/05/12 08:15

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 80

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		0.0821	0.0416	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Isophorone	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
2-Methylnaphthalene	ND		0.0821	0.0416	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
2-Methylphenol	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Naphthalene	ND		0.0821	0.0416	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
2-Nitroaniline	ND		1.02	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
3-Nitroaniline	ND		1.02	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
4-Nitroaniline	ND		1.02	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Nitrobenzene	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
2-Nitrophenol	ND		0.408	0.240	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
4-Nitrophenol	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
N-Nitrosodiphenylamine	ND		0.408	0.224	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
N-Nitrosodi-n-propylamine	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Pentachlorophenol	ND		1.02	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Phenanthrene	ND		0.0821	0.0416	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Phenol	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
Pyrene	ND		0.0821	0.0416	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
2,4,5-Trichlorophenol	ND		1.02	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00
2,4,6-Trichlorophenol	ND		0.408	0.205	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:15	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	75		17 - 120	04/14/12 11:00	04/15/12 18:15	1.00
Phenol-d5	76		18 - 120	04/14/12 11:00	04/15/12 18:15	1.00
2-Fluorobiphenyl	84		14 - 120	04/14/12 11:00	04/15/12 18:15	1.00
Nitrobenzene-d5	76		17 - 120	04/14/12 11:00	04/15/12 18:15	1.00
Terphenyl-d14	103		18 - 120	04/14/12 11:00	04/15/12 18:15	1.00
2,4,6-Tribromophenol	79		19 - 120	04/14/12 11:00	04/15/12 18:15	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		15.0	7.51	mg/kg dry	☼	04/09/12 14:30	04/09/12 20:59	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	98		60 - 140	04/09/12 14:30	04/09/12 20:59	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0406	0.0256	mg/kg dry	☼	04/11/12 13:31	04/13/12 05:37	1.00
PCB-1221	ND		0.0406	0.0207	mg/kg dry	☼	04/11/12 13:31	04/13/12 05:37	1.00
PCB-1232	ND		0.0406	0.0207	mg/kg dry	☼	04/11/12 13:31	04/13/12 05:37	1.00
PCB-1242	ND		0.0406	0.0317	mg/kg dry	☼	04/11/12 13:31	04/13/12 05:37	1.00
PCB-1248	ND		0.0406	0.0366	mg/kg dry	☼	04/11/12 13:31	04/13/12 05:37	1.00
PCB-1254	ND		0.0406	0.0207	mg/kg dry	☼	04/11/12 13:31	04/13/12 05:37	1.00
PCB-1260	ND		0.0406	0.0342	mg/kg dry	☼	04/11/12 13:31	04/13/12 05:37	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	92		19 - 147	04/11/12 13:31	04/13/12 05:37	1.00
Decachlorobiphenyl	84		20 - 150	04/11/12 13:31	04/13/12 05:37	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.3	0.946	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:30	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-02-SS-040512-00

Lab Sample ID: NWD0861-01

Date Collected: 04/05/12 08:15

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 80

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.40		1.23	0.614	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:30	1.00
Barium	223		2.46	0.737	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:30	1.00
Beryllium	0.762	J	1.23	0.614	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:30	1.00
Cadmium	ND		1.23	0.0737	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:30	1.00
Chromium	16.3		1.23	0.614	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:30	1.00
Cobalt	11.1		3.69	0.307	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:30	1.00
Copper	15.7		2.46	1.60	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:30	1.00
Lead	13.8		1.23	0.614	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:30	1.00
Manganese	484		3.69	3.07	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:30	1.00
Nickel	23.5		2.46	0.307	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:30	1.00
Selenium	1.33	J	2.46	1.23	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:30	1.00
Silver	ND		1.23	0.246	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:30	1.00
Thallium	ND		2.46	0.491	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:30	1.00
Vanadium	35.3		12.3	2.74	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:30	1.00
Zinc	57.1		12.3	6.14	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:30	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.050	J	0.12	0.030	mg/kg dry	☼	04/10/12 07:40	04/12/12 11:59	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.50	1.25	mg/kg dry	☼	04/13/12 09:00	04/14/12 09:30	1.00

Method: SW846 9012B - General Chemistry Parameters - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.50	1.25	mg/kg dry	☼	04/17/12 12:22	04/19/12 06:43	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	80.0		0.500	0.500	%	—	04/11/12 13:05	04/12/12 12:36	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-04-SS-040512-00

Lab Sample ID: NWD0861-02

Date Collected: 04/05/12 12:25

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 83

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0461	0.0230	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Benzene	ND		0.00184	0.00101	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Bromochloromethane	ND		0.00184	0.00111	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Bromodichloromethane	ND		0.00184	0.000921	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Bromoform	ND		0.00184	0.000921	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Bromomethane	ND		0.00184	0.00111	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
2-Butanone	ND		0.0461	0.0230	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Carbon disulfide	0.00379	J	0.00461	0.00332	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Carbon Tetrachloride	ND		0.00184	0.000921	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Chlorobenzene	ND		0.00184	0.00101	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Chlorodibromomethane	ND		0.00184	0.000921	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Chloroethane	ND		0.00461	0.00230	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Chloroform	ND		0.00184	0.00120	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Chloromethane	ND		0.00184	0.00101	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Cyclohexane	ND		0.00921	0.00461	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
1,2-Dibromo-3-chloropropane	ND		0.00461	0.00230	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
1,2-Dibromoethane (EDB)	ND		0.00184	0.000921	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
1,2-Dichlorobenzene	ND		0.00184	0.000921	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
1,3-Dichlorobenzene	ND		0.00184	0.00111	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
1,4-Dichlorobenzene	ND		0.00184	0.00101	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Dichlorodifluoromethane	ND		0.00184	0.00129	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
1,2-Dichloroethane	ND		0.00184	0.00101	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
1,1-Dichloroethane	ND		0.00184	0.00120	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
1,1-Dichloroethene	ND		0.00184	0.00111	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
trans-1,2-Dichloroethene	ND		0.00184	0.00120	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
cis-1,2-Dichloroethene	ND		0.00184	0.00101	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
1,2-Dichloropropane	ND		0.00184	0.000921	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
trans-1,3-Dichloropropene	ND		0.00184	0.000921	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
cis-1,3-Dichloropropene	ND		0.00184	0.000921	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Ethylbenzene	ND		0.00184	0.00101	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
2-Hexanone	ND		0.0461	0.0230	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Isopropylbenzene	ND		0.00184	0.00101	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Methyl Acetate	ND		0.00921	0.00461	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Methylcyclohexane	ND		0.00921	0.00461	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Methyl tert-Butyl Ether	ND		0.00184	0.000921	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Methylene Chloride	ND		0.00921	0.00461	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
4-Methyl-2-pentanone	ND		0.0461	0.0230	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
n-Propylbenzene	ND		0.00184	0.00101	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Styrene	ND		0.00184	0.00101	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
1,1,2,2-Tetrachloroethane	ND		0.00184	0.000921	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Tetrachloroethene	ND		0.00184	0.00120	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Tetrahydrofuran	ND		0.0184	0.00921	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Toluene	ND		0.00184	0.00101	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
1,2,4-Trichlorobenzene	ND		0.00184	0.00111	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
1,1,1-Trichloroethane	ND		0.00184	0.000921	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
1,1,2-Trichloroethane	ND		0.00461	0.00230	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Trichloroethene	ND		0.00184	0.000921	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Trichlorofluoromethane	ND		0.00184	0.000921	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Vinyl chloride	ND		0.00184	0.000921	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
Xylenes, total	ND		0.00461	0.00230	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00184	0.00101	mg/kg dry	☼	04/05/12 12:25	04/13/12 19:47	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-04-SS-040512-00

Lab Sample ID: NWD0861-02

Date Collected: 04/05/12 12:25

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 83

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	107		70 - 130	04/05/12 12:25	04/13/12 19:47	1.00
Dibromofluoromethane	101		70 - 130	04/05/12 12:25	04/13/12 19:47	1.00
Toluene-d8	106		70 - 130	04/05/12 12:25	04/13/12 19:47	1.00
4-Bromofluorobenzene	100		70 - 130	04/05/12 12:25	04/13/12 19:47	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0799	0.0406	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Acenaphthylene	ND		0.0799	0.0406	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Acetophenone	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Anthracene	ND		0.0799	0.0406	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Atrazine	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Benzaldehyde	ND		1.99	0.996	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Benzo (a) anthracene	ND		0.0799	0.0406	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Benzo (b) fluoranthene	ND		0.0799	0.0406	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Benzo (a) pyrene	ND		0.0799	0.0406	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Benzo (g,h,i) perylene	ND		0.0799	0.0406	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Benzo (k) fluoranthene	ND		0.0799	0.0406	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Biphenyl	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
4-Bromophenyl phenyl ether	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Butyl benzyl phthalate	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
4-Chloro-3-methylphenol	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
4-Chloroaniline	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Caprolactam	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Carbazole	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
2-Chloronaphthalene	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Bis(2-chloroethoxy)methane	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Bis(2-chloroethyl)ether	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Bis(2-chloroisopropyl)ether	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
2-Chlorophenol	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
4-Chlorophenyl phenyl ether	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Chrysene	ND		0.0799	0.0406	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Dibenz (a,h) anthracene	ND		0.0799	0.0406	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Dibenzofuran	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Di-n-butyl phthalate	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
3,3-Dichlorobenzidine	ND		0.796	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
2,4-Dichlorophenol	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Diethyl phthalate	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
2,4-Dimethylphenol	ND		0.397	0.229	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Dimethyl phthalate	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
4,6-Dinitro-2-methylphenol	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
2,4-Dinitrophenol	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
2,6-Dinitrotoluene	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
2,4-Dinitrotoluene	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Di-n-octyl phthalate	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Bis(2-ethylhexyl)phthalate	ND L		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Fluoranthene	ND		0.0799	0.0406	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Fluorene	ND		0.0799	0.0406	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Hexachlorobenzene	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Hexachlorobutadiene	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Hexachlorocyclopentadiene	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Hexachloroethane	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-04-SS-040512-00

Lab Sample ID: NWD0861-02

Date Collected: 04/05/12 12:25

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 83

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		0.0799	0.0406	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Isophorone	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
2-Methylnaphthalene	ND		0.0799	0.0406	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
2-Methylphenol	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Naphthalene	ND		0.0799	0.0406	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
2-Nitroaniline	ND		0.994	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
3-Nitroaniline	ND		0.994	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
4-Nitroaniline	ND		0.994	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Nitrobenzene	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
2-Nitrophenol	ND		0.397	0.234	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
4-Nitrophenol	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
N-Nitrosodiphenylamine	ND		0.397	0.218	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
N-Nitrosodi-n-propylamine	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Pentachlorophenol	ND		0.994	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Phenanthrene	ND		0.0799	0.0406	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Phenol	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
Pyrene	ND		0.0799	0.0406	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
2,4,5-Trichlorophenol	ND		0.994	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00
2,4,6-Trichlorophenol	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:34	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	60		17 - 120	04/14/12 11:00	04/15/12 18:34	1.00
Phenol-d5	62		18 - 120	04/14/12 11:00	04/15/12 18:34	1.00
2-Fluorobiphenyl	68		14 - 120	04/14/12 11:00	04/15/12 18:34	1.00
Nitrobenzene-d5	64		17 - 120	04/14/12 11:00	04/15/12 18:34	1.00
Terphenyl-d14	81		18 - 120	04/14/12 11:00	04/15/12 18:34	1.00
2,4,6-Tribromophenol	67		19 - 120	04/14/12 11:00	04/15/12 18:34	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		14.1	7.05	mg/kg dry	☼	04/09/12 14:30	04/09/12 21:14	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	77		60 - 140	04/09/12 14:30	04/09/12 21:14	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0396	0.0250	mg/kg dry	☼	04/11/12 13:31	04/13/12 05:59	1.00
PCB-1221	ND		0.0396	0.0202	mg/kg dry	☼	04/11/12 13:31	04/13/12 05:59	1.00
PCB-1232	ND		0.0396	0.0202	mg/kg dry	☼	04/11/12 13:31	04/13/12 05:59	1.00
PCB-1242	ND		0.0396	0.0309	mg/kg dry	☼	04/11/12 13:31	04/13/12 05:59	1.00
PCB-1248	ND		0.0396	0.0357	mg/kg dry	☼	04/11/12 13:31	04/13/12 05:59	1.00
PCB-1254	ND		0.0396	0.0202	mg/kg dry	☼	04/11/12 13:31	04/13/12 05:59	1.00
PCB-1260	ND		0.0396	0.0333	mg/kg dry	☼	04/11/12 13:31	04/13/12 05:59	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	88		19 - 147	04/11/12 13:31	04/13/12 05:59	1.00
Decachlorobiphenyl	82		20 - 150	04/11/12 13:31	04/13/12 05:59	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.0	0.924	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:44	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-04-SS-040512-00

Lab Sample ID: NWD0861-02

Date Collected: 04/05/12 12:25

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 83

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.37		1.20	0.600	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:44	1.00
Barium	210		2.40	0.720	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:44	1.00
Beryllium	0.864	J	1.20	0.600	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:44	1.00
Cadmium	ND		1.20	0.0720	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:44	1.00
Chromium	15.3		1.20	0.600	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:44	1.00
Cobalt	10.2		3.60	0.300	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:44	1.00
Copper	16.6		2.40	1.56	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:44	1.00
Lead	13.3		1.20	0.600	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:44	1.00
Manganese	424		3.60	3.00	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:44	1.00
Nickel	23.2		2.40	0.300	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:44	1.00
Selenium	1.34	J	2.40	1.20	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:44	1.00
Silver	ND		1.20	0.240	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:44	1.00
Thallium	ND		2.40	0.480	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:44	1.00
Vanadium	25.2		12.0	2.68	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:44	1.00
Zinc	51.4		12.0	6.00	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:44	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038	J	0.12	0.029	mg/kg dry	☼	04/10/12 07:40	04/12/12 12:01	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.41	1.20	mg/kg dry	☼	04/13/12 09:00	04/14/12 09:30	1.00

Method: SW846 9012B - General Chemistry Parameters - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.41	1.20	mg/kg dry	☼	04/17/12 12:22	04/19/12 06:45	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	83.0		0.500	0.500	%	—	04/11/12 13:05	04/12/12 12:36	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-08-SS-040612-00

Lab Sample ID: NWD0861-03

Date Collected: 04/06/12 09:22

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 84.1

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0455	0.0228	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Benzene	ND		0.00182	0.00100	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Bromochloromethane	ND		0.00182	0.00109	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Bromodichloromethane	ND		0.00182	0.000911	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Bromoform	ND		0.00182	0.000911	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Bromomethane	ND		0.00182	0.00109	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
2-Butanone	ND		0.0455	0.0228	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Carbon disulfide	ND		0.00455	0.00328	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Carbon Tetrachloride	ND		0.00182	0.000911	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Chlorobenzene	ND		0.00182	0.00100	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Chlorodibromomethane	ND		0.00182	0.000911	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Chloroethane	ND		0.00455	0.00228	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Chloroform	ND		0.00182	0.00118	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Chloromethane	ND		0.00182	0.00100	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Cyclohexane	ND		0.00911	0.00455	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
1,2-Dibromo-3-chloropropane	ND		0.00455	0.00228	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
1,2-Dibromoethane (EDB)	ND		0.00182	0.000911	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
1,2-Dichlorobenzene	ND		0.00182	0.000911	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
1,3-Dichlorobenzene	ND		0.00182	0.00109	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
1,4-Dichlorobenzene	ND		0.00182	0.00100	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Dichlorodifluoromethane	ND		0.00182	0.00128	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
1,2-Dichloroethane	ND		0.00182	0.00100	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
1,1-Dichloroethane	ND		0.00182	0.00118	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
1,1-Dichloroethene	ND		0.00182	0.00109	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
trans-1,2-Dichloroethene	ND		0.00182	0.00118	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
cis-1,2-Dichloroethene	ND		0.00182	0.00100	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
1,2-Dichloropropane	ND		0.00182	0.000911	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
trans-1,3-Dichloropropene	ND		0.00182	0.000911	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
cis-1,3-Dichloropropene	ND		0.00182	0.000911	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Ethylbenzene	ND		0.00182	0.00100	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
2-Hexanone	ND		0.0455	0.0228	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Isopropylbenzene	ND		0.00182	0.00100	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Methyl Acetate	ND		0.00911	0.00455	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Methylcyclohexane	ND		0.00911	0.00455	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Methyl tert-Butyl Ether	ND		0.00182	0.000911	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Methylene Chloride	ND		0.00911	0.00455	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
4-Methyl-2-pentanone	ND		0.0455	0.0228	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
n-Propylbenzene	ND		0.00182	0.00100	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Styrene	ND		0.00182	0.00100	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
1,1,2,2-Tetrachloroethane	ND		0.00182	0.000911	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Tetrachloroethene	ND		0.00182	0.00118	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Tetrahydrofuran	ND		0.0182	0.00911	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Toluene	ND		0.00182	0.00100	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
1,2,4-Trichlorobenzene	ND		0.00182	0.00109	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
1,1,1-Trichloroethane	ND		0.00182	0.000911	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
1,1,2-Trichloroethane	ND		0.00455	0.00228	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Trichloroethene	ND		0.00182	0.000911	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Trichlorofluoromethane	ND		0.00182	0.000911	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Vinyl chloride	ND		0.00182	0.000911	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
Xylenes, total	ND		0.00455	0.00228	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00182	0.00100	mg/kg dry	☼	04/06/12 09:22	04/13/12 20:15	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-08-SS-040612-00

Lab Sample ID: NWD0861-03

Date Collected: 04/06/12 09:22

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 84.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	101		70 - 130	04/06/12 09:22	04/13/12 20:15	1.00
Dibromofluoromethane	99		70 - 130	04/06/12 09:22	04/13/12 20:15	1.00
Toluene-d8	104		70 - 130	04/06/12 09:22	04/13/12 20:15	1.00
4-Bromofluorobenzene	100		70 - 130	04/06/12 09:22	04/13/12 20:15	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0772	0.0392	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Acenaphthylene	ND		0.0772	0.0392	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Acetophenone	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Anthracene	ND		0.0772	0.0392	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Atrazine	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Benzaldehyde	ND		1.93	0.963	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Benzo (a) anthracene	0.152		0.0772	0.0392	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Benzo (b) fluoranthene	0.169		0.0772	0.0392	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Benzo (a) pyrene	0.188		0.0772	0.0392	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Benzo (g,h,i) perylene	0.135		0.0772	0.0392	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Benzo (k) fluoranthene	0.168		0.0772	0.0392	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Biphenyl	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
4-Bromophenyl phenyl ether	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Butyl benzyl phthalate	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
4-Chloro-3-methylphenol	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
4-Chloroaniline	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Caprolactam	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Carbazole	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
2-Chloronaphthalene	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Bis(2-chloroethoxy)methane	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Bis(2-chloroethyl)ether	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Bis(2-chloroisopropyl)ether	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
2-Chlorophenol	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
4-Chlorophenyl phenyl ether	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Chrysene	0.158		0.0772	0.0392	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Dibenz (a,h) anthracene	0.0569	J	0.0772	0.0392	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Dibenzofuran	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Di-n-butyl phthalate	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
3,3-Dichlorobenzidine	ND		0.769	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
2,4-Dichlorophenol	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Diethyl phthalate	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
2,4-Dimethylphenol	ND		0.384	0.221	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Dimethyl phthalate	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
4,6-Dinitro-2-methylphenol	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
2,4-Dinitrophenol	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
2,6-Dinitrotoluene	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
2,4-Dinitrotoluene	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Di-n-octyl phthalate	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Bis(2-ethylhexyl)phthalate	0.199	J L	0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Fluoranthene	0.234		0.0772	0.0392	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Fluorene	ND		0.0772	0.0392	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Hexachlorobenzene	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Hexachlorobutadiene	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Hexachlorocyclopentadiene	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Hexachloroethane	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-08-SS-040612-00

Lab Sample ID: NWD0861-03

Date Collected: 04/06/12 09:22

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 84.1

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	0.118		0.0772	0.0392	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Isophorone	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
2-Methylnaphthalene	ND		0.0772	0.0392	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
2-Methylphenol	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Naphthalene	ND		0.0772	0.0392	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
2-Nitroaniline	ND		0.960	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
3-Nitroaniline	ND		0.960	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
4-Nitroaniline	ND		0.960	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Nitrobenzene	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
2-Nitrophenol	ND		0.384	0.226	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
4-Nitrophenol	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
N-Nitrosodiphenylamine	ND		0.384	0.211	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
N-Nitrosodi-n-propylamine	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Pentachlorophenol	ND		0.960	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Phenanthrene	ND		0.0772	0.0392	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Phenol	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
Pyrene	0.202		0.0772	0.0392	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
2,4,5-Trichlorophenol	ND		0.960	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00
2,4,6-Trichlorophenol	ND		0.384	0.193	mg/kg dry	☼	04/14/12 11:00	04/15/12 18:52	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	72		17 - 120	04/14/12 11:00	04/15/12 18:52	1.00
Phenol-d5	71		18 - 120	04/14/12 11:00	04/15/12 18:52	1.00
2-Fluorobiphenyl	80		14 - 120	04/14/12 11:00	04/15/12 18:52	1.00
Nitrobenzene-d5	71		17 - 120	04/14/12 11:00	04/15/12 18:52	1.00
Terphenyl-d14	96		18 - 120	04/14/12 11:00	04/15/12 18:52	1.00
2,4,6-Tribromophenol	77		19 - 120	04/14/12 11:00	04/15/12 18:52	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		13.8	6.90	mg/kg dry	☼	04/09/12 14:30	04/09/12 21:30	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	69	ZX	60 - 140	04/09/12 14:30	04/09/12 21:30	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0394	0.0249	mg/kg dry	☼	04/11/12 13:31	04/13/12 06:20	1.00
PCB-1221	ND		0.0394	0.0201	mg/kg dry	☼	04/11/12 13:31	04/13/12 06:20	1.00
PCB-1232	ND		0.0394	0.0201	mg/kg dry	☼	04/11/12 13:31	04/13/12 06:20	1.00
PCB-1242	ND		0.0394	0.0308	mg/kg dry	☼	04/11/12 13:31	04/13/12 06:20	1.00
PCB-1248	ND		0.0394	0.0355	mg/kg dry	☼	04/11/12 13:31	04/13/12 06:20	1.00
PCB-1254	0.0785		0.0394	0.0201	mg/kg dry	☼	04/11/12 13:31	04/13/12 06:20	1.00
PCB-1260	ND		0.0394	0.0331	mg/kg dry	☼	04/11/12 13:31	04/13/12 06:20	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	84		19 - 147	04/11/12 13:31	04/13/12 06:20	1.00
Decachlorobiphenyl	80		20 - 150	04/11/12 13:31	04/13/12 06:20	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.7	0.903	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:47	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-08-SS-040612-00

Lab Sample ID: NWD0861-03

Date Collected: 04/06/12 09:22

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 84.1

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.02		1.17	0.587	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:47	1.00
Barium	215		2.35	0.704	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:47	1.00
Beryllium	0.680	J	1.17	0.587	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:47	1.00
Cadmium	ND		1.17	0.0704	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:47	1.00
Chromium	14.5		1.17	0.587	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:47	1.00
Cobalt	8.92		3.52	0.293	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:47	1.00
Copper	15.7		2.35	1.53	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:47	1.00
Lead	20.0		1.17	0.587	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:47	1.00
Manganese	253		3.52	2.93	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:47	1.00
Nickel	16.3		2.35	0.293	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:47	1.00
Selenium	1.43	J	2.35	1.17	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:47	1.00
Silver	ND		1.17	0.235	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:47	1.00
Thallium	ND		2.35	0.469	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:47	1.00
Vanadium	25.2		11.7	2.62	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:47	1.00
Zinc	59.0		11.7	5.87	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:47	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.029	mg/kg dry	☼	04/10/12 07:40	04/12/12 12:03	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.38	1.19	mg/kg dry	☼	04/13/12 09:00	04/14/12 09:30	1.00

Method: SW846 9012B - General Chemistry Parameters - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.38	1.19	mg/kg dry	☼	04/17/12 12:22	04/19/12 06:48	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	84.1		0.500	0.500	%	—	04/11/12 13:05	04/12/12 12:36	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-08-S0-040612-04

Lab Sample ID: NWD0861-04

Date Collected: 04/06/12 10:14

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 80.2

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0252	J	0.0487	0.0244	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Benzene	0.00121	J	0.00195	0.00107	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Bromochloromethane	ND		0.00195	0.00117	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Bromodichloromethane	ND		0.00195	0.000974	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Bromoform	ND		0.00195	0.000974	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Bromomethane	ND		0.00195	0.00117	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
2-Butanone	ND		0.0487	0.0244	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Carbon disulfide	0.00482	J	0.00487	0.00351	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Carbon Tetrachloride	ND		0.00195	0.000974	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Chlorobenzene	ND		0.00195	0.00107	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Chlorodibromomethane	ND		0.00195	0.000974	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Chloroethane	ND		0.00487	0.00244	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Chloroform	ND		0.00195	0.00127	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Chloromethane	ND		0.00195	0.00107	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Cyclohexane	ND		0.00974	0.00487	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
1,2-Dibromo-3-chloropropane	ND		0.00487	0.00244	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
1,2-Dibromoethane (EDB)	ND		0.00195	0.000974	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
1,2-Dichlorobenzene	ND		0.00195	0.000974	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
1,3-Dichlorobenzene	ND		0.00195	0.00117	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
1,4-Dichlorobenzene	ND		0.00195	0.00107	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Dichlorodifluoromethane	ND		0.00195	0.00136	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
1,2-Dichloroethane	ND		0.00195	0.00107	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
1,1-Dichloroethane	ND		0.00195	0.00127	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
1,1-Dichloroethene	ND		0.00195	0.00117	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
trans-1,2-Dichloroethene	ND		0.00195	0.00127	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
cis-1,2-Dichloroethene	ND		0.00195	0.00107	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
1,2-Dichloropropane	ND		0.00195	0.000974	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
trans-1,3-Dichloropropene	ND		0.00195	0.000974	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
cis-1,3-Dichloropropene	ND		0.00195	0.000974	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Ethylbenzene	0.0195		0.00195	0.00107	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
2-Hexanone	ND		0.0487	0.0244	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Isopropylbenzene	0.0379		0.00195	0.00107	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Methyl Acetate	ND		0.00974	0.00487	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Methylcyclohexane	0.0227		0.00974	0.00487	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Methyl tert-Butyl Ether	ND		0.00195	0.000974	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Methylene Chloride	ND		0.00974	0.00487	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
4-Methyl-2-pentanone	ND		0.0487	0.0244	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
n-Propylbenzene	0.0952		0.00195	0.00107	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Styrene	ND		0.00195	0.00107	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
1,1,2,2-Tetrachloroethane	ND		0.00195	0.000974	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Tetrachloroethene	ND		0.00195	0.00127	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Tetrahydrofuran	ND		0.0195	0.00974	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Toluene	ND		0.00195	0.00107	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
1,2,4-Trichlorobenzene	ND		0.00195	0.00117	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
1,1,1-Trichloroethane	ND		0.00195	0.000974	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
1,1,2-Trichloroethane	ND		0.00487	0.00244	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Trichloroethene	ND		0.00195	0.000974	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Trichlorofluoromethane	ND		0.00195	0.000974	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Vinyl chloride	ND		0.00195	0.000974	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
Xylenes, total	0.0199		0.00487	0.00244	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00195	0.00107	mg/kg dry	☼	04/06/12 10:14	04/13/12 20:43	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-08-S0-040612-04

Lab Sample ID: NWD0861-04

Date Collected: 04/06/12 10:14

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 80.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	101		70 - 130	04/06/12 10:14	04/13/12 20:43	1.00
Dibromofluoromethane	96		70 - 130	04/06/12 10:14	04/13/12 20:43	1.00
Toluene-d8	101		70 - 130	04/06/12 10:14	04/13/12 20:43	1.00
4-Bromofluorobenzene	120		70 - 130	04/06/12 10:14	04/13/12 20:43	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0832	0.0422	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Acenaphthylene	ND		0.0832	0.0422	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Acetophenone	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Anthracene	ND		0.0832	0.0422	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Atrazine	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Benzaldehyde	ND		2.07	1.04	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Benzo (a) anthracene	ND		0.0832	0.0422	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Benzo (b) fluoranthene	ND		0.0832	0.0422	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Benzo (a) pyrene	ND		0.0832	0.0422	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Benzo (g,h,i) perylene	ND		0.0832	0.0422	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Benzo (k) fluoranthene	ND		0.0832	0.0422	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Biphenyl	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
4-Bromophenyl phenyl ether	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Butyl benzyl phthalate	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
4-Chloro-3-methylphenol	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
4-Chloroaniline	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Caprolactam	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Carbazole	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
2-Chloronaphthalene	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Bis(2-chloroethoxy)methane	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Bis(2-chloroethyl)ether	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Bis(2-chloroisopropyl)ether	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
2-Chlorophenol	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
4-Chlorophenyl phenyl ether	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Chrysene	ND		0.0832	0.0422	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Dibenz (a,h) anthracene	ND		0.0832	0.0422	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Dibenzofuran	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Di-n-butyl phthalate	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
3,3-Dichlorobenzidine	ND		0.828	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
2,4-Dichlorophenol	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Diethyl phthalate	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
2,4-Dimethylphenol	ND		0.414	0.238	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Dimethyl phthalate	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
4,6-Dinitro-2-methylphenol	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
2,4-Dinitrophenol	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
2,6-Dinitrotoluene	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
2,4-Dinitrotoluene	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Di-n-octyl phthalate	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Fluoranthene	ND		0.0832	0.0422	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Fluorene	ND		0.0832	0.0422	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Hexachlorobenzene	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Hexachlorobutadiene	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Hexachlorocyclopentadiene	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Hexachloroethane	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Indeno (1,2,3-cd) pyrene	ND		0.0832	0.0422	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-08-S0-040612-04

Lab Sample ID: NWD0861-04

Date Collected: 04/06/12 10:14

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 80.2

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
2-Methylnaphthalene	ND		0.0832	0.0422	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
2-Methylphenol	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Naphthalene	ND		0.0832	0.0422	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
2-Nitroaniline	ND		1.03	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
3-Nitroaniline	ND		1.03	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
4-Nitroaniline	ND		1.03	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Nitrobenzene	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
2-Nitrophenol	ND		0.414	0.243	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
4-Nitrophenol	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
N-Nitrosodiphenylamine	ND		0.414	0.227	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
N-Nitrosodi-n-propylamine	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Pentachlorophenol	ND		1.03	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Phenanthrene	ND		0.0832	0.0422	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Phenol	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
Pyrene	ND		0.0832	0.0422	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
2,4,5-Trichlorophenol	ND		1.03	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00
2,4,6-Trichlorophenol	ND		0.414	0.207	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:11	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	60		17 - 120	04/14/12 11:00	04/15/12 19:11	1.00
Phenol-d5	62		18 - 120	04/14/12 11:00	04/15/12 19:11	1.00
2-Fluorobiphenyl	66		14 - 120	04/14/12 11:00	04/15/12 19:11	1.00
Nitrobenzene-d5	61		17 - 120	04/14/12 11:00	04/15/12 19:11	1.00
Terphenyl-d14	82		18 - 120	04/14/12 11:00	04/15/12 19:11	1.00
2,4,6-Tribromophenol	64		19 - 120	04/14/12 11:00	04/15/12 19:11	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl)phthalate	ND		0.410	0.205	mg/kg dry	☼	04/16/12 16:00	04/17/12 15:59	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		14.9	7.47	mg/kg dry	☼	04/09/12 14:30	04/09/12 21:45	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	59	ZX	60 - 140	04/09/12 14:30	04/09/12 21:45	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0406	0.0256	mg/kg dry	☼	04/11/12 13:31	04/13/12 06:42	1.00
PCB-1221	ND		0.0406	0.0207	mg/kg dry	☼	04/11/12 13:31	04/13/12 06:42	1.00
PCB-1232	ND		0.0406	0.0207	mg/kg dry	☼	04/11/12 13:31	04/13/12 06:42	1.00
PCB-1242	ND		0.0406	0.0317	mg/kg dry	☼	04/11/12 13:31	04/13/12 06:42	1.00
PCB-1248	ND		0.0406	0.0366	mg/kg dry	☼	04/11/12 13:31	04/13/12 06:42	1.00
PCB-1254	0.0382	J	0.0406	0.0207	mg/kg dry	☼	04/11/12 13:31	04/13/12 06:42	1.00
PCB-1260	ND		0.0406	0.0342	mg/kg dry	☼	04/11/12 13:31	04/13/12 06:42	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	90		19 - 147	04/11/12 13:31	04/13/12 06:42	1.00
Decachlorobiphenyl	88		20 - 150	04/11/12 13:31	04/13/12 06:42	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-08-S0-040612-04

Lab Sample ID: NWD0861-04

Date Collected: 04/06/12 10:14

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 80.2

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.0	0.921	mg/kg dry	☆	04/12/12 11:13	04/16/12 17:50	1.00
Arsenic	7.75		1.20	0.598	mg/kg dry	☆	04/12/12 11:13	04/16/12 17:50	1.00
Barium	174		2.39	0.718	mg/kg dry	☆	04/12/12 11:13	04/16/12 17:50	1.00
Beryllium	0.790	J	1.20	0.598	mg/kg dry	☆	04/12/12 11:13	04/16/12 17:50	1.00
Cadmium	ND		1.20	0.0718	mg/kg dry	☆	04/12/12 11:13	04/16/12 17:50	1.00
Chromium	15.2		1.20	0.598	mg/kg dry	☆	04/12/12 11:13	04/16/12 17:50	1.00
Cobalt	8.81		3.59	0.299	mg/kg dry	☆	04/12/12 11:13	04/16/12 17:50	1.00
Copper	16.7		2.39	1.56	mg/kg dry	☆	04/12/12 11:13	04/16/12 17:50	1.00
Lead	22.9		1.20	0.598	mg/kg dry	☆	04/12/12 11:13	04/16/12 17:50	1.00
Manganese	547		3.59	2.99	mg/kg dry	☆	04/12/12 11:13	04/16/12 17:50	1.00
Nickel	19.2		2.39	0.299	mg/kg dry	☆	04/12/12 11:13	04/16/12 17:50	1.00
Selenium	1.24	J	2.39	1.20	mg/kg dry	☆	04/12/12 11:13	04/16/12 17:50	1.00
Silver	ND		1.20	0.239	mg/kg dry	☆	04/12/12 11:13	04/16/12 17:50	1.00
Thallium	ND		2.39	0.479	mg/kg dry	☆	04/12/12 11:13	04/16/12 17:50	1.00
Vanadium	23.8		12.0	2.67	mg/kg dry	☆	04/12/12 11:13	04/16/12 17:50	1.00
Zinc	61.5		12.0	5.98	mg/kg dry	☆	04/12/12 11:13	04/16/12 17:50	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038	J	0.12	0.031	mg/kg dry	☆	04/10/12 07:40	04/12/12 12:05	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.49	1.25	mg/kg dry	☆	04/13/12 09:00	04/14/12 09:30	1.00

Method: SW846 9012B - General Chemistry Parameters - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.49	1.25	mg/kg dry	☆	04/17/12 12:22	04/19/12 06:46	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	80.2		0.500	0.500	%	—	04/11/12 13:05	04/12/12 12:36	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-14-SS-040612-00

Lab Sample ID: NWD0861-05

Date Collected: 04/06/12 14:40

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 87.7

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0660		0.0507	0.0254	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Benzene	0.00685		0.00203	0.00112	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Bromochloromethane	ND		0.00203	0.00122	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Bromodichloromethane	ND		0.00203	0.00101	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Bromoform	ND		0.00203	0.00101	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Bromomethane	ND		0.00203	0.00122	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
2-Butanone	ND		0.0507	0.0254	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Carbon disulfide	ND		0.00507	0.00365	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Carbon Tetrachloride	ND		0.00203	0.00101	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Chlorobenzene	ND		0.00203	0.00112	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Chlorodibromomethane	ND		0.00203	0.00101	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Chloroethane	ND		0.00507	0.00254	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Chloroform	ND		0.00203	0.00132	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Chloromethane	ND		0.00203	0.00112	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Cyclohexane	ND		0.0101	0.00507	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
1,2-Dibromo-3-chloropropane	ND		0.00507	0.00254	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
1,2-Dibromoethane (EDB)	ND		0.00203	0.00101	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
1,2-Dichlorobenzene	ND		0.00203	0.00101	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
1,3-Dichlorobenzene	ND		0.00203	0.00122	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
1,4-Dichlorobenzene	ND		0.00203	0.00112	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Dichlorodifluoromethane	ND		0.00203	0.00142	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
1,2-Dichloroethane	ND		0.00203	0.00112	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
1,1-Dichloroethane	ND		0.00203	0.00132	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
1,1-Dichloroethene	ND		0.00203	0.00122	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
trans-1,2-Dichloroethene	ND		0.00203	0.00132	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
cis-1,2-Dichloroethene	ND		0.00203	0.00112	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
1,2-Dichloropropane	ND		0.00203	0.00101	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
trans-1,3-Dichloropropene	ND		0.00203	0.00101	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
cis-1,3-Dichloropropene	ND		0.00203	0.00101	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Ethylbenzene	ND		0.00203	0.00112	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
2-Hexanone	ND		0.0507	0.0254	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Isopropylbenzene	ND		0.00203	0.00112	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Methyl Acetate	ND		0.0101	0.00507	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Methylcyclohexane	ND		0.0101	0.00507	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Methyl tert-Butyl Ether	ND		0.00203	0.00101	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Methylene Chloride	ND		0.0101	0.00507	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
4-Methyl-2-pentanone	ND		0.0507	0.0254	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
n-Propylbenzene	ND		0.00203	0.00112	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Styrene	ND		0.00203	0.00112	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
1,1,2,2-Tetrachloroethane	ND		0.00203	0.00101	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Tetrachloroethene	ND		0.00203	0.00132	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Tetrahydrofuran	ND		0.0203	0.0101	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Toluene	0.00200	J	0.00203	0.00112	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
1,2,4-Trichlorobenzene	ND		0.00203	0.00122	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
1,1,1-Trichloroethane	ND		0.00203	0.00101	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
1,1,2-Trichloroethane	ND		0.00507	0.00254	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Trichloroethene	ND		0.00203	0.00101	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Trichlorofluoromethane	ND		0.00203	0.00101	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Vinyl chloride	ND		0.00203	0.00101	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
Xylenes, total	ND		0.00507	0.00254	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00203	0.00112	mg/kg dry	☼	04/06/12 14:40	04/13/12 21:11	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-14-SS-040612-00

Lab Sample ID: NWD0861-05

Date Collected: 04/06/12 14:40

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 87.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	110		70 - 130	04/06/12 14:40	04/13/12 21:11	1.00
Dibromofluoromethane	103		70 - 130	04/06/12 14:40	04/13/12 21:11	1.00
Toluene-d8	106		70 - 130	04/06/12 14:40	04/13/12 21:11	1.00
4-Bromofluorobenzene	117		70 - 130	04/06/12 14:40	04/13/12 21:11	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.126		0.0763	0.0387	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Acenaphthylene	ND		0.0763	0.0387	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Acetophenone	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Anthracene	0.392		0.0763	0.0387	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Atrazine	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Benzaldehyde	ND		1.90	0.951	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Benzo (a) anthracene	1.40		0.0763	0.0387	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Benzo (b) fluoranthene	1.58		0.0763	0.0387	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Benzo (a) pyrene	1.48		0.0763	0.0387	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Benzo (g,h,i) perylene	0.971		0.0763	0.0387	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Benzo (k) fluoranthene	1.01		0.0763	0.0387	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Biphenyl	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
4-Bromophenyl phenyl ether	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Butyl benzyl phthalate	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
4-Chloro-3-methylphenol	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
4-Chloroaniline	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Caprolactam	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Carbazole	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
2-Chloronaphthalene	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Bis(2-chloroethoxy)methane	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Bis(2-chloroethyl)ether	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Bis(2-chloroisopropyl)ether	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
2-Chlorophenol	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
4-Chlorophenyl phenyl ether	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Chrysene	1.47		0.0763	0.0387	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Dibenz (a,h) anthracene	0.444		0.0763	0.0387	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Dibenzofuran	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Di-n-butyl phthalate	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
3,3-Dichlorobenzidine	ND		0.760	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
2,4-Dichlorophenol	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Diethyl phthalate	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
2,4-Dimethylphenol	ND		0.379	0.219	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Dimethyl phthalate	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
4,6-Dinitro-2-methylphenol	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
2,4-Dinitrophenol	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
2,6-Dinitrotoluene	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
2,4-Dinitrotoluene	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Di-n-octyl phthalate	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Fluorene	0.108		0.0763	0.0387	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Hexachlorobenzene	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Hexachlorobutadiene	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Hexachlorocyclopentadiene	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Hexachloroethane	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Indeno (1,2,3-cd) pyrene	0.887		0.0763	0.0387	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Isophorone	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-14-SS-040612-00

Lab Sample ID: NWD0861-05

Date Collected: 04/06/12 14:40

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 87.7

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		0.0763	0.0387	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
2-Methylphenol	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Naphthalene	ND		0.0763	0.0387	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
2-Nitroaniline	ND		0.949	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
3-Nitroaniline	ND		0.949	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
4-Nitroaniline	ND		0.949	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Nitrobenzene	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
2-Nitrophenol	ND		0.379	0.223	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
4-Nitrophenol	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
N-Nitrosodiphenylamine	ND		0.379	0.208	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
N-Nitrosodi-n-propylamine	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Pentachlorophenol	ND		0.949	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Phenanthrene	1.02		0.0763	0.0387	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Phenol	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
Pyrene	1.91		0.0763	0.0387	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
2,4,5-Trichlorophenol	ND		0.949	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00
2,4,6-Trichlorophenol	ND		0.379	0.190	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:29	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	62		17 - 120	04/14/12 11:00	04/15/12 19:29	1.00
Phenol-d5	66		18 - 120	04/14/12 11:00	04/15/12 19:29	1.00
2-Fluorobiphenyl	67		14 - 120	04/14/12 11:00	04/15/12 19:29	1.00
Nitrobenzene-d5	65		17 - 120	04/14/12 11:00	04/15/12 19:29	1.00
Terphenyl-d14	84		18 - 120	04/14/12 11:00	04/15/12 19:29	1.00
2,4,6-Tribromophenol	65		19 - 120	04/14/12 11:00	04/15/12 19:29	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl)phthalate	ND		0.377	0.189	mg/kg dry	☼	04/16/12 16:00	04/17/12 16:17	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	4.49		0.152	0.0769	mg/kg dry	☼	04/16/12 16:00	04/18/12 11:23	2.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		12.8	6.40	mg/kg dry	☼	04/09/12 14:30	04/09/12 22:00	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	44	ZX	60 - 140	04/09/12 14:30	04/09/12 22:00	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0378	0.0238	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:03	1.00
PCB-1221	ND		0.0378	0.0193	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:03	1.00
PCB-1232	ND		0.0378	0.0193	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:03	1.00
PCB-1242	ND		0.0378	0.0295	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:03	1.00
PCB-1248	ND		0.0378	0.0340	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:03	1.00
PCB-1254	ND		0.0378	0.0193	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:03	1.00
PCB-1260	ND		0.0378	0.0318	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:03	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	90		19 - 147	04/11/12 13:31	04/13/12 07:03	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-14-SS-040612-00

Lab Sample ID: NWD0861-05

Date Collected: 04/06/12 14:40

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 87.7

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Decachlorobiphenyl	84		20 - 150	04/11/12 13:31	04/13/12 07:03	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	14.7		10.9	0.838	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:53	1.00
Arsenic	5.98		1.09	0.544	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:53	1.00
Barium	379		2.18	0.653	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:53	1.00
Beryllium	0.696	J	1.09	0.544	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:53	1.00
Cadmium	2.83		1.09	0.0653	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:53	1.00
Chromium	21.1		1.09	0.544	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:53	1.00
Cobalt	8.53		3.26	0.272	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:53	1.00
Copper	23.7		2.18	1.41	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:53	1.00
Lead	505		1.09	0.544	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:53	1.00
Manganese	370		3.26	2.72	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:53	1.00
Nickel	24.4		2.18	0.272	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:53	1.00
Selenium	1.09	J	2.18	1.09	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:53	1.00
Silver	ND		1.09	0.218	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:53	1.00
Thallium	ND		2.18	0.435	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:53	1.00
Vanadium	23.3		10.9	2.43	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:53	1.00
Zinc	178		10.9	5.44	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:53	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	J	0.11	0.029	mg/kg dry	☼	04/10/12 07:40	04/12/12 12:42	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.28	1.14	mg/kg dry	☼	04/13/12 09:00	04/14/12 09:30	1.00

Method: SW846 9012B - General Chemistry Parameters - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.28	1.14	mg/kg dry	☼	04/17/12 12:22	04/19/12 06:47	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	87.7		0.500	0.500	%	—	04/11/12 13:05	04/12/12 12:36	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-14-S0-040612-06

Lab Sample ID: NWD0861-06

Date Collected: 04/06/12 15:23

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 78.8

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0461	J	0.0554	0.0277	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Benzene	0.00778		0.00221	0.00122	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Bromochloromethane	ND		0.00221	0.00133	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Bromodichloromethane	ND		0.00221	0.00111	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Bromoform	ND		0.00221	0.00111	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Bromomethane	ND		0.00221	0.00133	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
2-Butanone	ND		0.0554	0.0277	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Carbon disulfide	ND		0.00554	0.00399	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Carbon Tetrachloride	ND		0.00221	0.00111	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Chlorobenzene	ND		0.00221	0.00122	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Chlorodibromomethane	ND		0.00221	0.00111	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Chloroethane	ND		0.00554	0.00277	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Chloroform	ND		0.00221	0.00144	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Chloromethane	ND		0.00221	0.00122	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Cyclohexane	0.00960	J	0.0111	0.00554	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
1,2-Dibromo-3-chloropropane	ND		0.00554	0.00277	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
1,2-Dibromoethane (EDB)	ND		0.00221	0.00111	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
1,2-Dichlorobenzene	ND		0.00221	0.00111	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
1,3-Dichlorobenzene	ND		0.00221	0.00133	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
1,4-Dichlorobenzene	ND		0.00221	0.00122	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Dichlorodifluoromethane	ND		0.00221	0.00155	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
1,2-Dichloroethane	ND		0.00221	0.00122	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
1,1-Dichloroethane	ND		0.00221	0.00144	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
1,1-Dichloroethene	ND		0.00221	0.00133	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
trans-1,2-Dichloroethene	ND		0.00221	0.00144	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
cis-1,2-Dichloroethene	ND		0.00221	0.00122	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
1,2-Dichloropropane	ND		0.00221	0.00111	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
trans-1,3-Dichloropropene	ND		0.00221	0.00111	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
cis-1,3-Dichloropropene	ND		0.00221	0.00111	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Ethylbenzene	0.00186	J	0.00221	0.00122	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
2-Hexanone	ND		0.0554	0.0277	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Isopropylbenzene	0.0179		0.00221	0.00122	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Methyl Acetate	ND		0.0111	0.00554	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Methylcyclohexane	0.0522		0.0111	0.00554	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Methyl tert-Butyl Ether	ND		0.00221	0.00111	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Methylene Chloride	ND		0.0111	0.00554	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
4-Methyl-2-pentanone	ND		0.0554	0.0277	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
n-Propylbenzene	0.0426		0.00221	0.00122	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Styrene	ND		0.00221	0.00122	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
1,1,2,2-Tetrachloroethane	ND		0.00221	0.00111	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Tetrachloroethene	ND		0.00221	0.00144	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Tetrahydrofuran	ND		0.0221	0.0111	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Toluene	0.00473		0.00221	0.00122	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
1,2,4-Trichlorobenzene	ND		0.00221	0.00133	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
1,1,1-Trichloroethane	ND		0.00221	0.00111	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
1,1,2-Trichloroethane	ND		0.00554	0.00277	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Trichloroethene	ND		0.00221	0.00111	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Trichlorofluoromethane	ND		0.00221	0.00111	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Vinyl chloride	ND		0.00221	0.00111	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
Xylenes, total	0.00359	J	0.00554	0.00277	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00221	0.00122	mg/kg dry	☼	04/06/12 15:23	04/13/12 21:39	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-14-S0-040612-06

Lab Sample ID: NWD0861-06

Date Collected: 04/06/12 15:23

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 78.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	105		70 - 130	04/06/12 15:23	04/13/12 21:39	1.00
Dibromofluoromethane	101		70 - 130	04/06/12 15:23	04/13/12 21:39	1.00
Toluene-d8	106		70 - 130	04/06/12 15:23	04/13/12 21:39	1.00
4-Bromofluorobenzene	125		70 - 130	04/06/12 15:23	04/13/12 21:39	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.207		0.0839	0.0426	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Acenaphthylene	ND		0.0839	0.0426	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Acetophenone	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Anthracene	0.186		0.0839	0.0426	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Atrazine	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Benzaldehyde	ND		2.09	1.05	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Benzo (a) anthracene	0.310		0.0839	0.0426	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Benzo (b) fluoranthene	0.332		0.0839	0.0426	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Benzo (a) pyrene	0.306		0.0839	0.0426	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Benzo (g,h,i) perylene	0.200		0.0839	0.0426	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Benzo (k) fluoranthene	0.242		0.0839	0.0426	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Biphenyl	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
4-Bromophenyl phenyl ether	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Butyl benzyl phthalate	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
4-Chloro-3-methylphenol	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
4-Chloroaniline	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Caprolactam	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Carbazole	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
2-Chloronaphthalene	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Bis(2-chloroethoxy)methane	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Bis(2-chloroethyl)ether	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Bis(2-chloroisopropyl)ether	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
2-Chlorophenol	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
4-Chlorophenyl phenyl ether	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Chrysene	0.434		0.0839	0.0426	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Dibenz (a,h) anthracene	0.105		0.0839	0.0426	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Dibenzofuran	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Di-n-butyl phthalate	0.220	J	0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
3,3-Dichlorobenzidine	ND		0.835	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
2,4-Dichlorophenol	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Diethyl phthalate	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
2,4-Dimethylphenol	ND		0.417	0.240	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Dimethyl phthalate	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
4,6-Dinitro-2-methylphenol	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
2,4-Dinitrophenol	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
2,6-Dinitrotoluene	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
2,4-Dinitrotoluene	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Di-n-octyl phthalate	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Fluoranthene	0.696		0.0839	0.0426	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Fluorene	0.194		0.0839	0.0426	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Hexachlorobenzene	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Hexachlorobutadiene	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Hexachlorocyclopentadiene	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Hexachloroethane	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Indeno (1,2,3-cd) pyrene	0.182		0.0839	0.0426	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-14-S0-040612-06

Lab Sample ID: NWD0861-06

Date Collected: 04/06/12 15:23

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 78.8

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
2-Methylnaphthalene	0.0751	J	0.0839	0.0426	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
2-Methylphenol	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Naphthalene	0.113		0.0839	0.0426	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
2-Nitroaniline	ND		1.04	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
3-Nitroaniline	ND		1.04	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
4-Nitroaniline	ND		1.04	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Nitrobenzene	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
2-Nitrophenol	ND		0.417	0.245	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
4-Nitrophenol	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
N-Nitrosodiphenylamine	ND		0.417	0.229	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
N-Nitrosodi-n-propylamine	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Pentachlorophenol	ND		1.04	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Phenanthrene	0.905		0.0839	0.0426	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Phenol	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
Pyrene	0.549		0.0839	0.0426	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
2,4,5-Trichlorophenol	ND		1.04	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00
2,4,6-Trichlorophenol	ND		0.417	0.209	mg/kg dry	☼	04/14/12 11:00	04/15/12 19:48	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	47		17 - 120	04/14/12 11:00	04/15/12 19:48	1.00
Phenol-d5	50		18 - 120	04/14/12 11:00	04/15/12 19:48	1.00
2-Fluorobiphenyl	57		14 - 120	04/14/12 11:00	04/15/12 19:48	1.00
Nitrobenzene-d5	55		17 - 120	04/14/12 11:00	04/15/12 19:48	1.00
Terphenyl-d14	75		18 - 120	04/14/12 11:00	04/15/12 19:48	1.00
2,4,6-Tribromophenol	58		19 - 120	04/14/12 11:00	04/15/12 19:48	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl)phthalate	1.35		0.418	0.210	mg/kg dry	☼	04/16/12 16:00	04/17/12 16:35	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		15.4	7.69	mg/kg dry	☼	04/09/12 14:30	04/09/12 22:16	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	56	ZX	60 - 140	04/09/12 14:30	04/09/12 22:16	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0415	0.0262	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:25	1.00
PCB-1221	ND		0.0415	0.0212	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:25	1.00
PCB-1232	ND		0.0415	0.0212	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:25	1.00
PCB-1242	ND		0.0415	0.0324	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:25	1.00
PCB-1248	ND		0.0415	0.0374	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:25	1.00
PCB-1254	ND		0.0415	0.0212	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:25	1.00
PCB-1260	ND		0.0415	0.0349	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:25	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	72		19 - 147	04/11/12 13:31	04/13/12 07:25	1.00
Decachlorobiphenyl	116		20 - 150	04/11/12 13:31	04/13/12 07:25	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-14-S0-040612-06

Lab Sample ID: NWD0861-06

Date Collected: 04/06/12 15:23

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 78.8

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.94	J	12.1	0.930	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:56	1.00
Arsenic	6.98		1.21	0.604	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:56	1.00
Barium	320		2.42	0.725	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:56	1.00
Beryllium	0.701	J	1.21	0.604	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:56	1.00
Cadmium	6.60		1.21	0.0725	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:56	1.00
Chromium	82.0		1.21	0.604	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:56	1.00
Cobalt	10.8		3.62	0.302	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:56	1.00
Copper	28.9		2.42	1.57	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:56	1.00
Lead	499		1.21	0.604	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:56	1.00
Manganese	622		3.62	3.02	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:56	1.00
Nickel	23.0		2.42	0.302	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:56	1.00
Selenium	2.51		2.42	1.21	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:56	1.00
Silver	ND		1.21	0.242	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:56	1.00
Thallium	ND		2.42	0.483	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:56	1.00
Vanadium	24.2		12.1	2.69	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:56	1.00
Zinc	263		12.1	6.04	mg/kg dry	☼	04/12/12 11:13	04/16/12 17:56	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.030	mg/kg dry	☼	04/10/12 07:40	04/12/12 12:44	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.54	1.27	mg/kg dry	☼	04/13/12 09:00	04/14/12 09:30	1.00

Method: SW846 9012B - General Chemistry Parameters - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.54	1.27	mg/kg dry	☼	04/17/12 12:22	04/19/12 06:45	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	78.8		0.500	0.500	%	—	04/11/12 13:05	04/12/12 12:36	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-15-SS-040612-00

Lab Sample ID: NWD0861-07

Date Collected: 04/06/12 11:17

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 83.7

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0583		0.0496	0.0248	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Benzene	0.00178	J	0.00198	0.00109	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Bromochloromethane	ND		0.00198	0.00119	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Bromodichloromethane	ND		0.00198	0.000992	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Bromoform	ND		0.00198	0.000992	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Bromomethane	ND		0.00198	0.00119	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
2-Butanone	ND		0.0496	0.0248	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Carbon disulfide	ND		0.00496	0.00357	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Carbon Tetrachloride	ND		0.00198	0.000992	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Chlorobenzene	ND		0.00198	0.00109	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Chlorodibromomethane	ND		0.00198	0.000992	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Chloroethane	ND		0.00496	0.00248	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Chloroform	ND		0.00198	0.00129	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Chloromethane	ND		0.00198	0.00109	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Cyclohexane	ND		0.00992	0.00496	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
1,2-Dibromo-3-chloropropane	ND		0.00496	0.00248	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
1,2-Dibromoethane (EDB)	ND		0.00198	0.000992	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
1,2-Dichlorobenzene	ND		0.00198	0.000992	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
1,3-Dichlorobenzene	ND		0.00198	0.00119	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
1,4-Dichlorobenzene	ND		0.00198	0.00109	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Dichlorodifluoromethane	ND		0.00198	0.00139	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
1,2-Dichloroethane	ND		0.00198	0.00109	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
1,1-Dichloroethane	ND		0.00198	0.00129	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
1,1-Dichloroethene	ND		0.00198	0.00119	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
trans-1,2-Dichloroethene	ND		0.00198	0.00129	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
cis-1,2-Dichloroethene	ND		0.00198	0.00109	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
1,2-Dichloropropane	ND		0.00198	0.000992	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
trans-1,3-Dichloropropene	ND		0.00198	0.000992	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
cis-1,3-Dichloropropene	ND		0.00198	0.000992	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Ethylbenzene	ND		0.00198	0.00109	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
2-Hexanone	ND		0.0496	0.0248	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Isopropylbenzene	ND		0.00198	0.00109	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Methyl Acetate	ND		0.00992	0.00496	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Methylcyclohexane	ND		0.00992	0.00496	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Methyl tert-Butyl Ether	ND		0.00198	0.000992	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Methylene Chloride	ND		0.00992	0.00496	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
4-Methyl-2-pentanone	ND		0.0496	0.0248	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
n-Propylbenzene	ND		0.00198	0.00109	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Styrene	ND		0.00198	0.00109	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
1,1,2,2-Tetrachloroethane	ND		0.00198	0.000992	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Tetrachloroethene	ND		0.00198	0.00129	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Tetrahydrofuran	ND		0.0198	0.00992	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Toluene	0.00109	J	0.00198	0.00109	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
1,2,4-Trichlorobenzene	ND		0.00198	0.00119	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
1,1,1-Trichloroethane	ND		0.00198	0.000992	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
1,1,2-Trichloroethane	ND		0.00496	0.00248	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Trichloroethene	ND		0.00198	0.000992	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Trichlorofluoromethane	ND		0.00198	0.000992	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Vinyl chloride	ND		0.00198	0.000992	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
Xylenes, total	ND		0.00496	0.00248	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00198	0.00109	mg/kg dry	☼	04/06/12 11:17	04/13/12 22:07	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-15-SS-040612-00

Lab Sample ID: NWD0861-07

Date Collected: 04/06/12 11:17

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 83.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	105		70 - 130	04/06/12 11:17	04/13/12 22:07	1.00
Dibromofluoromethane	98		70 - 130	04/06/12 11:17	04/13/12 22:07	1.00
Toluene-d8	105		70 - 130	04/06/12 11:17	04/13/12 22:07	1.00
4-Bromofluorobenzene	107		70 - 130	04/06/12 11:17	04/13/12 22:07	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0799	0.0405	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Acenaphthylene	ND		0.0799	0.0405	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Acetophenone	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Anthracene	0.0560	J	0.0799	0.0405	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Atrazine	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Benzaldehyde	ND		1.99	0.996	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Benzo (a) anthracene	0.268		0.0799	0.0405	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Benzo (b) fluoranthene	0.312		0.0799	0.0405	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Benzo (a) pyrene	0.280		0.0799	0.0405	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Benzo (g,h,i) perylene	0.196		0.0799	0.0405	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Benzo (k) fluoranthene	0.180		0.0799	0.0405	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Biphenyl	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
4-Bromophenyl phenyl ether	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Butyl benzyl phthalate	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
4-Chloro-3-methylphenol	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
4-Chloroaniline	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Caprolactam	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Carbazole	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
2-Chloronaphthalene	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Bis(2-chloroethoxy)methane	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Bis(2-chloroethyl)ether	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Bis(2-chloroisopropyl)ether	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
2-Chlorophenol	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
4-Chlorophenyl phenyl ether	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Chrysene	0.281		0.0799	0.0405	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Dibenz (a,h) anthracene	0.0898		0.0799	0.0405	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Dibenzofuran	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Di-n-butyl phthalate	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
3,3-Dichlorobenzidine	ND		0.795	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
2,4-Dichlorophenol	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Diethyl phthalate	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
2,4-Dimethylphenol	ND		0.397	0.229	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Dimethyl phthalate	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
4,6-Dinitro-2-methylphenol	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
2,4-Dinitrophenol	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
2,6-Dinitrotoluene	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
2,4-Dinitrotoluene	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Di-n-octyl phthalate	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Bis(2-ethylhexyl)phthalate	ND	L	0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Fluoranthene	0.500		0.0799	0.0405	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Fluorene	ND		0.0799	0.0405	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Hexachlorobenzene	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Hexachlorobutadiene	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Hexachlorocyclopentadiene	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Hexachloroethane	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-15-SS-040612-00

Lab Sample ID: NWD0861-07

Date Collected: 04/06/12 11:17

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 83.7

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	0.174		0.0799	0.0405	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Isophorone	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
2-Methylnaphthalene	ND		0.0799	0.0405	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
2-Methylphenol	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Naphthalene	ND		0.0799	0.0405	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
2-Nitroaniline	ND		0.993	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
3-Nitroaniline	ND		0.993	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
4-Nitroaniline	ND		0.993	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Nitrobenzene	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
2-Nitrophenol	ND		0.397	0.234	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
4-Nitrophenol	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
N-Nitrosodiphenylamine	ND		0.397	0.218	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
N-Nitrosodi-n-propylamine	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Pentachlorophenol	ND		0.993	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Phenanthrene	0.206		0.0799	0.0405	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Phenol	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
Pyrene	0.412		0.0799	0.0405	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
2,4,5-Trichlorophenol	ND		0.993	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00
2,4,6-Trichlorophenol	ND		0.397	0.199	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:06	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	69		17 - 120	04/14/12 11:00	04/15/12 20:06	1.00
Phenol-d5	75		18 - 120	04/14/12 11:00	04/15/12 20:06	1.00
2-Fluorobiphenyl	80		14 - 120	04/14/12 11:00	04/15/12 20:06	1.00
Nitrobenzene-d5	75		17 - 120	04/14/12 11:00	04/15/12 20:06	1.00
Terphenyl-d14	105		18 - 120	04/14/12 11:00	04/15/12 20:06	1.00
2,4,6-Tribromophenol	85		19 - 120	04/14/12 11:00	04/15/12 20:06	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		13.9	6.95	mg/kg dry	☼	04/09/12 14:30	04/09/12 22:31	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	56	ZX	60 - 140	04/09/12 14:30	04/09/12 22:31	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0394	0.0248	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:47	1.00
PCB-1221	ND		0.0394	0.0201	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:47	1.00
PCB-1232	ND		0.0394	0.0201	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:47	1.00
PCB-1242	ND		0.0394	0.0307	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:47	1.00
PCB-1248	ND		0.0394	0.0355	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:47	1.00
PCB-1254	ND		0.0394	0.0201	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:47	1.00
PCB-1260	ND		0.0394	0.0331	mg/kg dry	☼	04/11/12 13:31	04/13/12 07:47	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	86		19 - 147	04/11/12 13:31	04/13/12 07:47	1.00
Decachlorobiphenyl	86		20 - 150	04/11/12 13:31	04/13/12 07:47	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	1.76	J	11.4	0.881	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:00	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-15-SS-040612-00

Lab Sample ID: NWD0861-07

Date Collected: 04/06/12 11:17

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 83.7

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.63		1.14	0.572	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:00	1.00
Barium	275		2.29	0.687	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:00	1.00
Beryllium	0.755	J	1.14	0.572	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:00	1.00
Cadmium	0.366	J	1.14	0.0687	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:00	1.00
Chromium	16.1		1.14	0.572	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:00	1.00
Cobalt	10.7		3.43	0.286	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:00	1.00
Copper	14.3		2.29	1.49	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:00	1.00
Lead	80.4		1.14	0.572	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:00	1.00
Manganese	862		3.43	2.86	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:00	1.00
Nickel	19.9		2.29	0.286	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:00	1.00
Selenium	ND		2.29	1.14	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:00	1.00
Silver	ND		1.14	0.229	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:00	1.00
Thallium	ND		2.29	0.458	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:00	1.00
Vanadium	23.9		11.4	2.55	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:00	1.00
Zinc	81.6		11.4	5.72	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:00	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046	J	0.11	0.029	mg/kg dry	☼	04/10/12 07:40	04/12/12 12:46	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.39	1.19	mg/kg dry	☼	04/13/12 09:00	04/14/12 09:30	1.00

Method: SW846 9012B - General Chemistry Parameters - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.39	1.19	mg/kg dry	☼	04/17/12 12:22	04/19/12 06:48	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	83.7		0.500	0.500	%	—	04/11/12 13:05	04/12/12 12:36	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-15-S0-040612-05

Lab Sample ID: NWD0861-08

Date Collected: 04/06/12 13:30

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 77.2

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0445	J	0.0693	0.0347	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Benzene	0.00526		0.00277	0.00153	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Bromochloromethane	ND		0.00277	0.00166	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Bromodichloromethane	ND		0.00277	0.00139	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Bromoform	ND		0.00277	0.00139	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Bromomethane	ND		0.00277	0.00166	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
2-Butanone	ND		0.0693	0.0347	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Carbon disulfide	0.0169	M8	0.00693	0.00499	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Carbon Tetrachloride	ND		0.00277	0.00139	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Chlorobenzene	ND		0.00277	0.00153	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Chlorodibromomethane	ND		0.00277	0.00139	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Chloroethane	ND		0.00693	0.00347	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Chloroform	ND		0.00277	0.00180	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Chloromethane	ND		0.00277	0.00153	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Cyclohexane	0.0125	J	0.0139	0.00693	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
1,2-Dibromo-3-chloropropane	ND		0.00693	0.00347	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
1,2-Dibromoethane (EDB)	ND		0.00277	0.00139	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
1,2-Dichlorobenzene	ND		0.00277	0.00139	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
1,3-Dichlorobenzene	ND		0.00277	0.00166	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
1,4-Dichlorobenzene	ND		0.00277	0.00153	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Dichlorodifluoromethane	ND		0.00277	0.00194	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
1,2-Dichloroethane	ND		0.00277	0.00153	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
1,1-Dichloroethane	ND		0.00277	0.00180	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
1,1-Dichloroethene	ND		0.00277	0.00166	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
trans-1,2-Dichloroethene	ND		0.00277	0.00180	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
cis-1,2-Dichloroethene	ND		0.00277	0.00153	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
1,2-Dichloropropane	ND		0.00277	0.00139	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
trans-1,3-Dichloropropene	ND		0.00277	0.00139	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
cis-1,3-Dichloropropene	ND		0.00277	0.00139	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Ethylbenzene	ND		0.00277	0.00153	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
2-Hexanone	ND		0.0693	0.0347	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Isopropylbenzene	0.0159		0.00277	0.00153	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Methyl Acetate	ND		0.0139	0.00693	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Methylcyclohexane	0.0493	M8	0.0139	0.00693	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Methyl tert-Butyl Ether	ND		0.00277	0.00139	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Methylene Chloride	ND		0.0139	0.00693	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
4-Methyl-2-pentanone	ND		0.0693	0.0347	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
n-Propylbenzene	ND		0.00277	0.00153	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Styrene	ND		0.00277	0.00153	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
1,1,2,2-Tetrachloroethane	ND		0.00277	0.00139	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Tetrachloroethene	ND		0.00277	0.00180	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Tetrahydrofuran	ND		0.0277	0.0139	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Toluene	0.00349		0.00277	0.00153	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
1,2,4-Trichlorobenzene	ND		0.00277	0.00166	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
1,1,1-Trichloroethane	ND		0.00277	0.00139	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
1,1,2-Trichloroethane	ND		0.00693	0.00347	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Trichloroethene	ND		0.00277	0.00139	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Trichlorofluoromethane	ND		0.00277	0.00139	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Vinyl chloride	ND		0.00277	0.00139	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
Xylenes, total	0.00528	J	0.00693	0.00347	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00277	0.00153	mg/kg dry	☼	04/06/12 13:30	04/13/12 22:35	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-15-S0-040612-05

Lab Sample ID: NWD0861-08

Date Collected: 04/06/12 13:30

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 77.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	104		70 - 130	04/06/12 13:30	04/13/12 22:35	1.00
Dibromofluoromethane	102		70 - 130	04/06/12 13:30	04/13/12 22:35	1.00
Toluene-d8	103		70 - 130	04/06/12 13:30	04/13/12 22:35	1.00
4-Bromofluorobenzene	132	ZX	70 - 130	04/06/12 13:30	04/13/12 22:35	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.732		0.0859	0.0436	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Acenaphthylene	ND		0.0859	0.0436	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Acetophenone	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Anthracene	1.06		0.0859	0.0436	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Atrazine	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Benzaldehyde	ND		2.14	1.07	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Benzo (a) anthracene	1.63	M8	0.0859	0.0436	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Benzo (b) fluoranthene	1.28		0.0859	0.0436	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Benzo (a) pyrene	1.33		0.0859	0.0436	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Benzo (g,h,i) perylene	0.717		0.0859	0.0436	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Benzo (k) fluoranthene	1.05		0.0859	0.0436	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Biphenyl	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
4-Bromophenyl phenyl ether	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Butyl benzyl phthalate	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
4-Chloro-3-methylphenol	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
4-Chloroaniline	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Caprolactam	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Carbazole	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
2-Chloronaphthalene	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Bis(2-chloroethoxy)methane	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Bis(2-chloroethyl)ether	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Bis(2-chloroisopropyl)ether	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
2-Chlorophenol	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
4-Chlorophenyl phenyl ether	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Chrysene	1.52	M8	0.0859	0.0436	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Dibenz (a,h) anthracene	0.346		0.0859	0.0436	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Dibenzofuran	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Di-n-butyl phthalate	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
3,3-Dichlorobenzidine	ND		0.855	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
2,4-Dichlorophenol	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Diethyl phthalate	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
2,4-Dimethylphenol	ND		0.427	0.246	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Dimethyl phthalate	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
4,6-Dinitro-2-methylphenol	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
2,4-Dinitrophenol	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
2,6-Dinitrotoluene	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
2,4-Dinitrotoluene	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Di-n-octyl phthalate	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Fluorene	0.727		0.0859	0.0436	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Hexachlorobenzene	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Hexachlorobutadiene	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Hexachlorocyclopentadiene	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Hexachloroethane	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Indeno (1,2,3-cd) pyrene	0.686		0.0859	0.0436	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Isophorone	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-15-S0-040612-05

Lab Sample ID: NWD0861-08

Date Collected: 04/06/12 13:30

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 77.2

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	0.0581	J	0.0859	0.0436	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
2-Methylphenol	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Naphthalene	0.101		0.0859	0.0436	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
2-Nitroaniline	ND		1.07	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
3-Nitroaniline	ND		1.07	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
4-Nitroaniline	ND		1.07	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Nitrobenzene	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
2-Nitrophenol	ND		0.427	0.251	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
4-Nitrophenol	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
N-Nitrosodiphenylamine	ND		0.427	0.235	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
N-Nitrosodi-n-propylamine	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Pentachlorophenol	ND		1.07	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Phenanthrene	4.08	M8	0.0859	0.0436	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Phenol	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
Pyrene	4.01	M8	0.0859	0.0436	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
2,4,5-Trichlorophenol	ND		1.07	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00
2,4,6-Trichlorophenol	ND		0.427	0.214	mg/kg dry	☼	04/14/12 11:00	04/15/12 20:25	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	66		17 - 120	04/14/12 11:00	04/15/12 20:25	1.00
Phenol-d5	67		18 - 120	04/14/12 11:00	04/15/12 20:25	1.00
2-Fluorobiphenyl	70		14 - 120	04/14/12 11:00	04/15/12 20:25	1.00
Nitrobenzene-d5	64		17 - 120	04/14/12 11:00	04/15/12 20:25	1.00
Terphenyl-d14	99		18 - 120	04/14/12 11:00	04/15/12 20:25	1.00
2,4,6-Tribromophenol	79		19 - 120	04/14/12 11:00	04/15/12 20:25	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl)phthalate	1.96		0.854	0.428	mg/kg dry	☼	04/14/12 11:00	04/16/12 11:20	2.00
Fluoranthene	4.83	M8	0.172	0.0872	mg/kg dry	☼	04/14/12 11:00	04/16/12 11:20	2.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		15.9	7.95	mg/kg dry	☼	04/09/12 14:30	04/09/12 22:46	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	82		60 - 140	04/09/12 14:30	04/09/12 22:46	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0429	0.0270	mg/kg dry	☼	04/11/12 13:31	04/13/12 08:08	1.00
PCB-1221	ND		0.0429	0.0219	mg/kg dry	☼	04/11/12 13:31	04/13/12 08:08	1.00
PCB-1232	ND		0.0429	0.0219	mg/kg dry	☼	04/11/12 13:31	04/13/12 08:08	1.00
PCB-1242	ND		0.0429	0.0335	mg/kg dry	☼	04/11/12 13:31	04/13/12 08:08	1.00
PCB-1248	ND		0.0429	0.0386	mg/kg dry	☼	04/11/12 13:31	04/13/12 08:08	1.00
PCB-1254	0.363		0.0429	0.0219	mg/kg dry	☼	04/11/12 13:31	04/13/12 08:08	1.00
PCB-1260	ND		0.0429	0.0360	mg/kg dry	☼	04/11/12 13:31	04/13/12 08:08	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	66		19 - 147	04/11/12 13:31	04/13/12 08:08	1.00
Decachlorobiphenyl	446	ZX	20 - 150	04/11/12 13:31	04/13/12 08:08	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-15-S0-040612-05

Lab Sample ID: NWD0861-08

Date Collected: 04/06/12 13:30

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 77.2

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	20.2		12.9	0.995	mg/kg dry	☆	04/12/12 11:13	04/16/12 18:03	1.00
Arsenic	11.3		1.29	0.646	mg/kg dry	☆	04/12/12 11:13	04/16/12 18:03	1.00
Barium	878		2.58	0.775	mg/kg dry	☆	04/12/12 11:13	04/16/12 18:03	1.00
Beryllium	0.646	J	1.29	0.646	mg/kg dry	☆	04/12/12 11:13	04/16/12 18:03	1.00
Cadmium	5.56		1.29	0.0775	mg/kg dry	☆	04/12/12 11:13	04/16/12 18:03	1.00
Chromium	49.5		1.29	0.646	mg/kg dry	☆	04/12/12 11:13	04/16/12 18:03	1.00
Cobalt	12.6		3.88	0.323	mg/kg dry	☆	04/12/12 11:13	04/16/12 18:03	1.00
Copper	38.8		2.58	1.68	mg/kg dry	☆	04/12/12 11:13	04/16/12 18:03	1.00
Lead	564	MHA	1.29	0.646	mg/kg dry	☆	04/12/12 11:13	04/16/12 18:03	1.00
Manganese	1170	M8	3.88	3.23	mg/kg dry	☆	04/12/12 11:13	04/16/12 18:03	1.00
Nickel	36.4		2.58	0.323	mg/kg dry	☆	04/12/12 11:13	04/16/12 18:03	1.00
Selenium	2.25	J	2.58	1.29	mg/kg dry	☆	04/12/12 11:13	04/16/12 18:03	1.00
Silver	0.284	J	1.29	0.258	mg/kg dry	☆	04/12/12 11:13	04/16/12 18:03	1.00
Thallium	ND		2.58	0.517	mg/kg dry	☆	04/12/12 11:13	04/16/12 18:03	1.00
Vanadium	30.0		12.9	2.88	mg/kg dry	☆	04/12/12 11:13	04/16/12 18:03	1.00
Zinc	319		12.9	6.46	mg/kg dry	☆	04/12/12 11:13	04/16/12 18:03	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.15		0.12	0.031	mg/kg dry	☆	04/10/12 07:40	04/12/12 12:48	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.59	1.30	mg/kg dry	☆	04/13/12 09:00	04/14/12 09:30	1.00

Method: SW846 9012B - General Chemistry Parameters - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.59	1.30	mg/kg dry	☆	04/17/12 12:22	04/19/12 06:49	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	77.2		0.500	0.500	%	—	04/11/12 13:05	04/12/12 12:36	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: Trip Blank

Lab Sample ID: NWD0861-09

Date Collected: 04/06/12 00:01

Matrix: Water

Date Received: 04/07/12 08:15

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	L	50.0	25.0	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Benzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Bromoform	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Chloroform	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Styrene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Tetrahydrofuran	ND	L	20.0	10.0	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Toluene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/06/12 00:01	04/12/12 17:59	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/06/12 00:01	04/12/12 17:59	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: Trip Blank

Lab Sample ID: NWD0861-09

Date Collected: 04/06/12 00:01

Matrix: Water

Date Received: 04/07/12 08:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	102		70 - 130	04/06/12 00:01	04/12/12 17:59	1.00
Dibromofluoromethane	111		70 - 130	04/06/12 00:01	04/12/12 17:59	1.00
Toluene-d8	99		70 - 130	04/06/12 00:01	04/12/12 17:59	1.00
4-Bromofluorobenzene	85		70 - 130	04/06/12 00:01	04/12/12 17:59	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 12D1446-BLK1

Matrix: Soil

Analysis Batch: V006231

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1446_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0500	0.0250	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Benzene	ND		0.00200	0.00110	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Bromochloromethane	ND		0.00200	0.00120	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Bromodichloromethane	ND		0.00200	0.00100	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Bromoform	ND		0.00200	0.00100	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Bromomethane	ND		0.00200	0.00120	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
2-Butanone	ND		0.0500	0.0250	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Carbon disulfide	ND		0.00500	0.00360	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Carbon Tetrachloride	ND		0.00200	0.00100	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Chlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Chlorodibromomethane	ND		0.00200	0.00100	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Chloroethane	ND		0.00500	0.00250	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Chloroform	ND		0.00200	0.00130	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Chloromethane	ND		0.00200	0.00110	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Cyclohexane	ND		0.0100	0.00500	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
1,2-Dibromo-3-chloropropane	ND		0.00500	0.00250	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
1,2-Dibromoethane (EDB)	ND		0.00200	0.00100	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
1,2-Dichlorobenzene	ND		0.00200	0.00100	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
1,3-Dichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
1,4-Dichlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Dichlorodifluoromethane	ND		0.00200	0.00140	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
1,2-Dichloroethane	ND		0.00200	0.00110	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
1,1-Dichloroethane	ND		0.00200	0.00130	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
1,1-Dichloroethene	ND		0.00200	0.00120	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
trans-1,2-Dichloroethene	ND		0.00200	0.00130	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
cis-1,2-Dichloroethene	ND		0.00200	0.00110	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
1,2-Dichloropropane	ND		0.00200	0.00100	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
trans-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
cis-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Ethylbenzene	ND		0.00200	0.00110	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
2-Hexanone	ND		0.0500	0.0250	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Isopropylbenzene	ND		0.00200	0.00110	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Methyl Acetate	ND		0.0100	0.00500	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Methylcyclohexane	ND		0.0100	0.00500	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Methyl tert-Butyl Ether	ND		0.00200	0.00100	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Methylene Chloride	ND		0.0100	0.00500	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
4-Methyl-2-pentanone	ND		0.0500	0.0250	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
n-Propylbenzene	ND		0.00200	0.00110	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Styrene	ND		0.00200	0.00110	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
1,1,2,2-Tetrachloroethane	ND		0.00200	0.00100	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Tetrachloroethene	ND		0.00200	0.00130	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Tetrahydrofuran	ND		0.0200	0.0100	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Toluene	ND		0.00200	0.00110	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
1,2,4-Trichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
1,1,1-Trichloroethane	ND		0.00200	0.00100	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
1,1,2-Trichloroethane	ND		0.00500	0.00250	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Trichloroethene	ND		0.00200	0.00100	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Trichlorofluoromethane	ND		0.00200	0.00100	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Vinyl chloride	ND		0.00200	0.00100	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1446-BLK1

Matrix: Soil

Analysis Batch: V006231

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1446_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, total	ND		0.00500	0.00250	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00200	0.00110	mg/kg wet		04/13/12 13:52	04/13/12 16:33	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	99		70 - 130				04/13/12 13:52	04/13/12 16:33	1.00
Dibromofluoromethane	98		70 - 130				04/13/12 13:52	04/13/12 16:33	1.00
Toluene-d8	103		70 - 130				04/13/12 13:52	04/13/12 16:33	1.00
4-Bromofluorobenzene	97		70 - 130				04/13/12 13:52	04/13/12 16:33	1.00

Lab Sample ID: 12D1446-BLK2

Matrix: Soil

Analysis Batch: V006231

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1446_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2.50	1.25	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Benzene	ND		0.100	0.0550	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Bromochloromethane	ND		0.100	0.0600	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Bromodichloromethane	ND		0.100	0.0500	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Bromoform	ND		0.100	0.0500	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Bromomethane	ND		0.100	0.0600	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
2-Butanone	1.45	J	2.50	1.25	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Carbon disulfide	ND		0.250	0.180	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Carbon Tetrachloride	ND		0.100	0.0500	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Chlorobenzene	ND		0.100	0.0550	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Chlorodibromomethane	ND		0.100	0.0500	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Chloroethane	ND		0.250	0.125	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Chloroform	ND		0.100	0.0650	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Chloromethane	ND		0.100	0.0550	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Cyclohexane	ND		0.500	0.250	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
1,2-Dibromo-3-chloropropane	ND		0.250	0.125	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
1,2-Dibromoethane (EDB)	ND		0.100	0.0500	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
1,2-Dichlorobenzene	ND		0.100	0.0500	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
1,3-Dichlorobenzene	ND		0.100	0.0600	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
1,4-Dichlorobenzene	ND		0.100	0.0550	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Dichlorodifluoromethane	ND		0.100	0.0700	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
1,2-Dichloroethane	ND		0.100	0.0550	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
1,1-Dichloroethane	ND		0.100	0.0650	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
1,1-Dichloroethene	ND		0.100	0.0600	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
trans-1,2-Dichloroethene	ND		0.100	0.0650	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
cis-1,2-Dichloroethene	ND		0.100	0.0550	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
1,2-Dichloropropane	ND		0.100	0.0500	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
trans-1,3-Dichloropropene	ND		0.100	0.0500	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
cis-1,3-Dichloropropene	ND		0.100	0.0500	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Ethylbenzene	ND		0.100	0.0550	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
2-Hexanone	ND		2.50	1.25	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Isopropylbenzene	ND		0.100	0.0550	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Methyl Acetate	0.774		0.500	0.250	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Methylcyclohexane	ND		0.500	0.250	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Methyl tert-Butyl Ether	ND		0.100	0.0500	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1446-BLK2

Matrix: Soil

Analysis Batch: V006231

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1446_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		0.500	0.250	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
4-Methyl-2-pentanone	ND		2.50	1.25	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
n-Propylbenzene	ND		0.100	0.0550	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Styrene	ND		0.100	0.0550	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
1,1,2,2-Tetrachloroethane	ND		0.100	0.0500	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Tetrachloroethene	ND		0.100	0.0650	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Tetrahydrofuran	ND		1.00	0.500	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Toluene	ND		0.100	0.0550	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
1,2,4-Trichlorobenzene	ND		0.100	0.0600	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
1,1,1-Trichloroethane	ND		0.100	0.0500	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
1,1,2-Trichloroethane	ND		0.250	0.125	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Trichloroethene	ND		0.100	0.0500	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Trichlorofluoromethane	ND		0.100	0.0500	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Vinyl chloride	ND		0.100	0.0500	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
Xylenes, total	ND		0.250	0.125	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0
1,1,2-Trifluorotrchloroethane	ND		0.100	0.0550	mg/kg wet		04/13/12 13:52	04/13/12 17:01	50.0

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	93		70 - 130	04/13/12 13:52	04/13/12 17:01	50.0
Dibromofluoromethane	94		70 - 130	04/13/12 13:52	04/13/12 17:01	50.0
Toluene-d8	104		70 - 130	04/13/12 13:52	04/13/12 17:01	50.0
4-Bromofluorobenzene	99		70 - 130	04/13/12 13:52	04/13/12 17:01	50.0

Lab Sample ID: 12D1446-BS1

Matrix: Soil

Analysis Batch: V006231

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1446_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	219		ug/kg		88	51 - 149
Benzene	50.0	48.8		ug/kg		98	75 - 127
Bromochloromethane	50.0	50.0		ug/kg		100	70 - 132
Bromodichloromethane	50.0	47.6		ug/kg		95	68 - 135
Bromoform	50.0	52.8		ug/kg		106	36 - 150
Bromomethane	50.0	53.4		ug/kg		107	43 - 142
2-Butanone	250	221		ug/kg		89	61 - 132
Carbon disulfide	50.0	46.9		ug/kg		94	74 - 135
Carbon Tetrachloride	50.0	49.6		ug/kg		99	70 - 141
Chlorobenzene	50.0	54.5		ug/kg		109	84 - 125
Chlorodibromomethane	50.0	55.8		ug/kg		112	66 - 134
Chloroethane	50.0	49.5		ug/kg		99	53 - 144
Chloroform	50.0	50.0		ug/kg		100	76 - 130
Chloromethane	50.0	35.3		ug/kg		71	23 - 150
Cyclohexane	50.0	47.0		ug/kg		94	70 - 133
1,2-Dibromo-3-chloropropane	50.0	49.7		ug/kg		99	49 - 142
1,2-Dibromoethane (EDB)	50.0	53.3		ug/kg		107	80 - 135
1,2-Dichlorobenzene	50.0	54.2		ug/kg		108	80 - 134
1,3-Dichlorobenzene	50.0	54.7		ug/kg		109	79 - 137
1,4-Dichlorobenzene	50.0	54.5		ug/kg		109	77 - 139
Dichlorodifluoromethane	50.0	38.1		ug/kg		76	12 - 144

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1446-BS1

Matrix: Soil

Analysis Batch: V006231

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1446_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	50.0	47.1		ug/kg		94	65 - 134
1,1-Dichloroethane	50.0	49.0		ug/kg		98	75 - 124
1,1-Dichloroethene	50.0	45.3		ug/kg		91	75 - 131
trans-1,2-Dichloroethene	50.0	47.6		ug/kg		95	76 - 128
cis-1,2-Dichloroethene	50.0	48.2		ug/kg		96	75 - 125
1,2-Dichloropropane	50.0	44.8		ug/kg		90	69 - 120
trans-1,3-Dichloropropene	50.0	49.7		ug/kg		99	62 - 139
cis-1,3-Dichloropropene	50.0	51.9		ug/kg		104	73 - 148
Ethylbenzene	50.0	55.5		ug/kg		111	80 - 134
2-Hexanone	250	247		ug/kg		99	57 - 148
Isopropylbenzene	50.0	60.5		ug/kg		121	80 - 150
Methyl Acetate	50.0	28.9		ug/kg		58	11 - 170
Methylcyclohexane	50.0	48.8		ug/kg		98	69 - 140
Methyl tert-Butyl Ether	50.0	47.5		ug/kg		95	70 - 136
Methylene Chloride	50.0	46.0		ug/kg		92	68 - 144
4-Methyl-2-pentanone	250	242		ug/kg		97	59 - 138
n-Propylbenzene	50.0	58.2		ug/kg		116	75 - 137
Styrene	50.0	55.6		ug/kg		111	82 - 137
1,1,2,2-Tetrachloroethane	50.0	57.4		ug/kg		115	66 - 134
Tetrachloroethene	50.0	54.4		ug/kg		109	78 - 140
Tetrahydrofuran	500	426		ug/kg		85	53 - 134
Toluene	50.0	54.4		ug/kg		109	80 - 132
1,2,4-Trichlorobenzene	50.0	52.0		ug/kg		104	62 - 150
1,1,1-Trichloroethane	50.0	50.3		ug/kg		101	72 - 140
1,1,2-Trichloroethane	50.0	54.6		ug/kg		109	78 - 128
Trichloroethene	50.0	47.2		ug/kg		94	77 - 127
Trichlorofluoromethane	50.0	47.5		ug/kg		95	50 - 140
Vinyl chloride	50.0	48.7		ug/kg		97	47 - 136
Xylenes, total	150	164		ug/kg		109	80 - 137
1,1,2-Trifluorotrichloroethane	50.0	52.7		ug/kg		105	67 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	96		70 - 130
Dibromofluoromethane	96		70 - 130
Toluene-d8	103		70 - 130
4-Bromofluorobenzene	98		70 - 130

Lab Sample ID: 12D1446-BSD1

Matrix: Soil

Analysis Batch: V006231

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1446_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Acetone	250	210		ug/kg		84	51 - 149	4	50
Benzene	50.0	48.8		ug/kg		98	75 - 127	0.06	50
Bromochloromethane	50.0	49.6		ug/kg		99	70 - 132	0.8	50
Bromodichloromethane	50.0	47.1		ug/kg		94	68 - 135	0.9	50
Bromoform	50.0	52.0		ug/kg		104	36 - 150	2	50
Bromomethane	50.0	50.8		ug/kg		102	43 - 142	5	50
2-Butanone	250	217		ug/kg		87	61 - 132	2	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1446-BSD1

Matrix: Soil

Analysis Batch: V006231

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1446_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon disulfide	50.0	45.7		ug/kg		91	74 - 135	3	50
Carbon Tetrachloride	50.0	49.4		ug/kg		99	70 - 141	0.3	50
Chlorobenzene	50.0	52.8		ug/kg		106	84 - 125	3	50
Chlorodibromomethane	50.0	54.6		ug/kg		109	66 - 134	2	50
Chloroethane	50.0	48.3		ug/kg		97	53 - 144	2	50
Chloroform	50.0	49.7		ug/kg		99	76 - 130	0.7	49
Chloromethane	50.0	34.0		ug/kg		68	23 - 150	4	50
Cyclohexane	50.0	45.3		ug/kg		91	70 - 133	4	50
1,2-Dibromo-3-chloropropane	50.0	49.5		ug/kg		99	49 - 142	0.4	50
1,2-Dibromoethane (EDB)	50.0	51.7		ug/kg		103	80 - 135	3	50
1,2-Dichlorobenzene	50.0	51.8		ug/kg		104	80 - 134	5	50
1,3-Dichlorobenzene	50.0	51.6		ug/kg		103	79 - 137	6	50
1,4-Dichlorobenzene	50.0	51.2		ug/kg		102	77 - 139	6	50
Dichlorodifluoromethane	50.0	35.5		ug/kg		71	12 - 144	7	50
1,2-Dichloroethane	50.0	46.2		ug/kg		92	65 - 134	2	50
1,1-Dichloroethane	50.0	50.2		ug/kg		100	75 - 124	2	50
1,1-Dichloroethene	50.0	47.1		ug/kg		94	75 - 131	4	50
trans-1,2-Dichloroethene	50.0	47.2		ug/kg		94	76 - 128	0.8	50
cis-1,2-Dichloroethene	50.0	48.0		ug/kg		96	75 - 125	0.4	50
1,2-Dichloropropane	50.0	44.1		ug/kg		88	69 - 120	2	50
trans-1,3-Dichloropropene	50.0	50.3		ug/kg		101	62 - 139	1	50
cis-1,3-Dichloropropene	50.0	52.4		ug/kg		105	73 - 148	0.9	50
Ethylbenzene	50.0	54.0		ug/kg		108	80 - 134	3	50
2-Hexanone	250	244		ug/kg		98	57 - 148	1	50
Isopropylbenzene	50.0	58.3		ug/kg		117	80 - 150	4	50
Methyl Acetate	50.0	27.5		ug/kg		55	11 - 170	5	50
Methylcyclohexane	50.0	47.8		ug/kg		96	69 - 140	2	50
Methyl tert-Butyl Ether	50.0	47.6		ug/kg		95	70 - 136	0.2	50
Methylene Chloride	50.0	46.0		ug/kg		92	68 - 144	0.04	50
4-Methyl-2-pentanone	250	235		ug/kg		94	59 - 138	3	50
n-Propylbenzene	50.0	55.2		ug/kg		110	75 - 137	5	50
Styrene	50.0	55.1		ug/kg		110	82 - 137	0.8	50
1,1,1,2-Tetrachloroethane	50.0	55.7		ug/kg		111	66 - 134	3	50
Tetrachloroethene	50.0	51.4		ug/kg		103	78 - 140	6	50
Tetrahydrofuran	500	418		ug/kg		84	53 - 134	2	50
Toluene	50.0	52.1		ug/kg		104	80 - 132	4	50
1,2,4-Trichlorobenzene	50.0	46.7		ug/kg		93	62 - 150	11	50
1,1,1-Trichloroethane	50.0	49.8		ug/kg		100	72 - 140	0.9	50
1,1,2-Trichloroethane	50.0	53.3		ug/kg		107	78 - 128	2	50
Trichloroethene	50.0	47.4		ug/kg		95	77 - 127	0.4	50
Trichlorofluoromethane	50.0	46.4		ug/kg		93	50 - 140	2	50
Vinyl chloride	50.0	47.4		ug/kg		95	47 - 136	3	50
Xylenes, total	150	158		ug/kg		105	80 - 137	4	50
1,1,2-Trifluorotrichloroethane	50.0	50.1		ug/kg		100	67 - 136	5	50

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
1,2-Dichloroethane-d4	98		70 - 130
Dibromofluoromethane	98		70 - 130
Toluene-d8	101		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1446-BSD1

Matrix: Soil

Analysis Batch: V006231

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1446_P

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
4-Bromofluorobenzene	98		70 - 130

Lab Sample ID: 12D1446-MS1

Matrix: Soil

Analysis Batch: V006231

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D1446_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Acetone	0.0445	J	0.252	0.212		mg/kg dry	☼	66	19 - 175
Benzene	0.00526		0.0504	0.0469		mg/kg dry	☼	83	31 - 143
Bromochloromethane	ND		0.0504	0.0467		mg/kg dry	☼	93	31 - 141
Bromodichloromethane	ND		0.0504	0.0438		mg/kg dry	☼	87	19 - 148
Bromoform	ND		0.0504	0.0453		mg/kg dry	☼	90	10 - 165
Bromomethane	ND		0.0504	0.0458		mg/kg dry	☼	91	10 - 164
2-Butanone	ND		0.252	0.212		mg/kg dry	☼	84	18 - 153
Carbon disulfide	0.0169	M8	0.0504	0.0410		mg/kg dry	☼	48	32 - 144
Carbon Tetrachloride	ND		0.0504	0.0461		mg/kg dry	☼	91	31 - 149
Chlorobenzene	ND		0.0504	0.0476		mg/kg dry	☼	94	25 - 152
Chlorodibromomethane	ND		0.0504	0.0503		mg/kg dry	☼	100	14 - 146
Chloroethane	ND		0.0504	0.0455		mg/kg dry	☼	90	10 - 151
Chloroform	ND		0.0504	0.0472		mg/kg dry	☼	94	34 - 160
Chloromethane	ND		0.0504	0.0292		mg/kg dry	☼	58	10 - 156
Cyclohexane	0.0125	J	0.0504	0.0445		mg/kg dry	☼	64	32 - 158
1,2-Dibromo-3-chloropropane	ND		0.0504	0.0375		mg/kg dry	☼	74	10 - 147
1,2-Dibromoethane (EDB)	ND		0.0504	0.0488		mg/kg dry	☼	97	18 - 156
1,2-Dichlorobenzene	ND		0.0504	0.0412		mg/kg dry	☼	82	10 - 160
1,3-Dichlorobenzene	ND		0.0504	0.0428		mg/kg dry	☼	85	10 - 162
1,4-Dichlorobenzene	ND		0.0504	0.0414		mg/kg dry	☼	82	11 - 159
Dichlorodifluoromethane	ND		0.0504	0.0295		mg/kg dry	☼	58	10 - 143
1,2-Dichloroethane	ND		0.0504	0.0435		mg/kg dry	☼	86	28 - 138
1,1-Dichloroethane	ND		0.0504	0.0467		mg/kg dry	☼	93	42 - 136
1,1-Dichloroethene	ND		0.0504	0.0445		mg/kg dry	☼	88	41 - 143
trans-1,2-Dichloroethene	ND		0.0504	0.0435		mg/kg dry	☼	86	39 - 140
cis-1,2-Dichloroethene	ND		0.0504	0.0442		mg/kg dry	☼	88	36 - 139
1,2-Dichloropropane	ND		0.0504	0.0421		mg/kg dry	☼	83	20 - 146
trans-1,3-Dichloropropene	ND		0.0504	0.0432		mg/kg dry	☼	86	10 - 157
cis-1,3-Dichloropropene	ND		0.0504	0.0473		mg/kg dry	☼	94	15 - 166
Ethylbenzene	ND		0.0504	0.0495		mg/kg dry	☼	98	23 - 161
2-Hexanone	ND		0.252	0.211		mg/kg dry	☼	84	10 - 169
Isopropylbenzene	0.0159		0.0504	0.0601		mg/kg dry	☼	88	23 - 181
Methyl Acetate	ND		0.0504	0.0306		mg/kg dry	☼	61	10 - 200
Methylcyclohexane	0.0493	M8	0.0504	0.0508	M8	mg/kg dry	☼	3	29 - 167
Methyl tert-Butyl Ether	ND		0.0504	0.0464		mg/kg dry	☼	92	28 - 141
Methylene Chloride	ND		0.0504	0.0414		mg/kg dry	☼	82	24 - 182
4-Methyl-2-pentanone	ND		0.252	0.228		mg/kg dry	☼	91	10 - 168
n-Propylbenzene	ND		0.0504	0.0499		mg/kg dry	☼	99	19 - 162
Styrene	ND		0.0504	0.0457		mg/kg dry	☼	91	10 - 165
1,1,2,2-Tetrachloroethane	ND		0.0504	0.0524		mg/kg dry	☼	104	10 - 162
Tetrachloroethene	ND		0.0504	0.0513		mg/kg dry	☼	102	33 - 161
Tetrahydrofuran	ND		0.504	0.395		mg/kg dry	☼	78	23 - 149

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1446-MS1

Matrix: Soil

Analysis Batch: V006231

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D1446_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Toluene	0.00349		0.0504	0.0504		mg/kg dry	☼	93	30 - 155
1,2,4-Trichlorobenzene	ND		0.0504	0.0311		mg/kg dry	☼	62	10 - 167
1,1,1-Trichloroethane	ND		0.0504	0.0469		mg/kg dry	☼	93	35 - 149
1,1,2-Trichloroethane	ND		0.0504	0.0508		mg/kg dry	☼	101	19 - 157
Trichloroethene	ND		0.0504	0.0443		mg/kg dry	☼	88	27 - 153
Trichlorofluoromethane	ND		0.0504	0.0455		mg/kg dry	☼	90	25 - 137
Vinyl chloride	ND		0.0504	0.0411		mg/kg dry	☼	81	20 - 141
Xylenes, total	0.00528	J	0.151	0.144		mg/kg dry	☼	92	25 - 162
1,1,2-Trifluorotrichloroethane	ND		0.0504	0.0504		mg/kg dry	☼	100	42 - 147
Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits						
1,2-Dichloroethane-d4	100		70 - 130						
Dibromofluoromethane	97		70 - 130						
Toluene-d8	104		70 - 130						
4-Bromofluorobenzene	104		70 - 130						

Lab Sample ID: 12D1446-MSD1

Matrix: Soil

Analysis Batch: V006231

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D1446_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Acetone	0.0445	J	0.316	0.413	R2	mg/kg dry	☼	116	19 - 175	64	50
Benzene	0.00526		0.0632	0.0461		mg/kg dry	☼	65	31 - 143	2	50
Bromochloromethane	ND		0.0632	0.0313		mg/kg dry	☼	49	31 - 141	40	50
Bromodichloromethane	ND		0.0632	0.0341		mg/kg dry	☼	54	19 - 148	25	50
Bromoform	ND		0.0632	0.0187	R2	mg/kg dry	☼	30	10 - 165	83	50
Bromomethane	ND		0.0632	0.0467		mg/kg dry	☼	74	10 - 164	2	50
2-Butanone	ND		0.316	0.275		mg/kg dry	☼	87	18 - 153	26	50
Carbon disulfide	0.0169	M8	0.0632	0.0365	M8	mg/kg dry	☼	31	32 - 144	12	50
Carbon Tetrachloride	ND		0.0632	0.0485		mg/kg dry	☼	77	31 - 149	5	50
Chlorobenzene	ND		0.0632	0.0268	R2	mg/kg dry	☼	42	25 - 152	56	50
Chlorodibromomethane	ND		0.0632	0.0284	R2	mg/kg dry	☼	45	14 - 146	56	50
Chloroethane	ND		0.0632	0.0515		mg/kg dry	☼	81	10 - 151	12	50
Chloroform	ND		0.0632	0.0430		mg/kg dry	☼	68	34 - 160	9	49
Chloromethane	ND		0.0632	0.0333		mg/kg dry	☼	53	10 - 156	13	50
Cyclohexane	0.0125	J	0.0632	0.0720		mg/kg dry	☼	94	32 - 158	47	50
1,2-Dibromo-3-chloropropane	ND		0.0632	0.0184	R2	mg/kg dry	☼	29	10 - 147	68	50
1,2-Dibromoethane (EDB)	ND		0.0632	0.0230	R2	mg/kg dry	☼	36	18 - 156	72	50
1,2-Dichlorobenzene	ND		0.0632	0.0150	R2	mg/kg dry	☼	24	10 - 160	93	50
1,3-Dichlorobenzene	ND		0.0632	0.0152	R2	mg/kg dry	☼	24	10 - 162	95	50
1,4-Dichlorobenzene	ND		0.0632	0.0137	R2	mg/kg dry	☼	22	11 - 159	100	50
Dichlorodifluoromethane	ND		0.0632	0.0354		mg/kg dry	☼	56	10 - 143	18	50
1,2-Dichloroethane	ND		0.0632	0.0330		mg/kg dry	☼	52	28 - 138	28	50
1,1-Dichloroethane	ND		0.0632	0.0465		mg/kg dry	☼	74	42 - 136	0.4	50
1,1-Dichloroethene	ND		0.0632	0.0489		mg/kg dry	☼	77	41 - 143	10	50
trans-1,2-Dichloroethene	ND		0.0632	0.0340		mg/kg dry	☼	54	39 - 140	25	50
cis-1,2-Dichloroethene	ND		0.0632	0.0352		mg/kg dry	☼	56	36 - 139	23	50
1,2-Dichloropropane	ND		0.0632	0.00192	M8 R2 J	mg/kg dry	☼	3	20 - 146	183	50
trans-1,3-Dichloropropene	ND		0.0632	0.0156	R2	mg/kg dry	☼	25	10 - 157	94	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1446-MSD1

Matrix: Soil

Analysis Batch: V006231

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D1446_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	ND		0.0632	0.0244	R2	mg/kg dry	✱	39	15 - 166	64	50
Ethylbenzene	ND		0.0632	0.0331		mg/kg dry	✱	52	23 - 161	40	50
2-Hexanone	ND		0.316	0.189		mg/kg dry	✱	60	10 - 169	11	50
Isopropylbenzene	0.0159		0.0632	0.0631		mg/kg dry	✱	75	23 - 181	5	50
Methyl Acetate	ND		0.0632	0.0553	R2	mg/kg dry	✱	88	10 - 200	58	50
Methylcyclohexane	0.0493	M8	0.0632	0.141	R2	mg/kg dry	✱	145	29 - 167	94	50
Methyl tert-Butyl Ether	ND		0.0632	0.0472		mg/kg dry	✱	75	28 - 141	2	50
Methylene Chloride	ND		0.0632	0.0352		mg/kg dry	✱	56	24 - 182	16	50
4-Methyl-2-pentanone	ND		0.316	0.228		mg/kg dry	✱	72	10 - 168	0.03	50
n-Propylbenzene	ND		0.0632	0.0357		mg/kg dry	✱	57	19 - 162	33	50
Styrene	ND		0.0632	0.0194	R2	mg/kg dry	✱	31	10 - 165	81	50
1,1,2,2-Tetrachloroethane	ND		0.0632	0.0268	R2	mg/kg dry	✱	42	10 - 162	65	50
Tetrachloroethene	ND		0.0632	0.0382		mg/kg dry	✱	60	33 - 161	29	50
Tetrahydrofuran	ND		0.632	0.546		mg/kg dry	✱	86	23 - 149	32	50
Toluene	0.00349		0.0632	0.0390		mg/kg dry	✱	56	30 - 155	25	50
1,2,4-Trichlorobenzene	ND		0.0632	0.0106	R2	mg/kg dry	✱	17	10 - 167	98	50
1,1,1-Trichloroethane	ND		0.0632	0.0492		mg/kg dry	✱	78	35 - 149	5	50
1,1,2-Trichloroethane	ND		0.0632	0.0374		mg/kg dry	✱	59	19 - 157	30	50
Trichloroethene	ND		0.0632	0.0353		mg/kg dry	✱	56	27 - 153	23	50
Trichlorofluoromethane	ND		0.0632	0.0558		mg/kg dry	✱	88	25 - 137	20	50
Vinyl chloride	ND		0.0632	0.0477		mg/kg dry	✱	75	20 - 141	15	50
Xylenes, total	0.00528	J	0.190	0.0938		mg/kg dry	✱	47	25 - 162	43	50
1,1,2-Trifluorotrichloroethane	ND		0.0632	0.0552		mg/kg dry	✱	87	42 - 147	9	50

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits
1,2-Dichloroethane-d4	110		70 - 130
Dibromofluoromethane	100		70 - 130
Toluene-d8	109		70 - 130
4-Bromofluorobenzene	146	ZX	70 - 130

Lab Sample ID: 12D1565-BLK1

Matrix: Water

Analysis Batch: V006136

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1565_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Benzene	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Bromoform	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Chloroform	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1565-BLK1

Matrix: Water

Analysis Batch: V006136

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1565_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		5.00	2.50	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Styrene	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Toluene	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/09/12 09:50	04/12/12 16:35	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/09/12 09:50	04/12/12 16:35	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	101		70 - 130	04/09/12 09:50	04/12/12 16:35	1.00
Dibromofluoromethane	112		70 - 130	04/09/12 09:50	04/12/12 16:35	1.00
Toluene-d8	97		70 - 130	04/09/12 09:50	04/12/12 16:35	1.00
4-Bromofluorobenzene	87		70 - 130	04/09/12 09:50	04/12/12 16:35	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1565-BS1

Matrix: Water

Analysis Batch: V006136

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1565_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	387	L1	ug/L		155	54 - 145
Benzene	50.0	50.2		ug/L		100	80 - 121
Bromochloromethane	50.0	57.9		ug/L		116	78 - 129
Bromodichloromethane	50.0	46.9		ug/L		94	75 - 129
Bromoform	50.0	41.2		ug/L		82	46 - 145
Bromomethane	50.0	50.9		ug/L		102	41 - 150
2-Butanone	250	278		ug/L		111	62 - 133
Carbon disulfide	50.0	50.0		ug/L		100	77 - 126
Carbon Tetrachloride	50.0	54.2		ug/L		108	64 - 147
Chlorobenzene	50.0	48.4		ug/L		97	80 - 120
Chlorodibromomethane	50.0	49.5		ug/L		99	69 - 133
Chloroethane	50.0	47.2		ug/L		94	72 - 120
Chloroform	50.0	57.2		ug/L		114	73 - 129
Chloromethane	50.0	44.0		ug/L		88	12 - 150
Cyclohexane	50.0	47.4		ug/L		95	73 - 122
1,2-Dibromo-3-chloropropane	50.0	37.9		ug/L		76	54 - 125
1,2-Dibromoethane (EDB)	50.0	49.9		ug/L		100	80 - 129
1,2-Dichlorobenzene	50.0	49.0		ug/L		98	80 - 121
1,3-Dichlorobenzene	50.0	47.0		ug/L		94	80 - 122
1,4-Dichlorobenzene	50.0	48.0		ug/L		96	80 - 120
Dichlorodifluoromethane	50.0	45.7		ug/L		91	37 - 127
1,2-Dichloroethane	50.0	47.8		ug/L		96	77 - 121
1,1-Dichloroethane	50.0	53.3		ug/L		107	78 - 125
1,1-Dichloroethene	50.0	57.0		ug/L		114	79 - 124
trans-1,2-Dichloroethene	50.0	52.7		ug/L		105	79 - 126
cis-1,2-Dichloroethene	50.0	49.6		ug/L		99	76 - 125
1,2-Dichloropropane	50.0	46.3		ug/L		93	75 - 120
trans-1,3-Dichloropropene	50.0	39.2		ug/L		78	63 - 134
cis-1,3-Dichloropropene	50.0	42.7		ug/L		85	74 - 140
Ethylbenzene	50.0	46.2		ug/L		92	80 - 130
2-Hexanone	250	230		ug/L		92	60 - 142
Isopropylbenzene	50.0	48.8		ug/L		98	80 - 141
Methyl Acetate	50.0	36.1		ug/L		72	64 - 150
Methylcyclohexane	50.0	44.7		ug/L		89	71 - 129
Methyl tert-Butyl Ether	50.0	47.7		ug/L		95	72 - 133
Methylene Chloride	50.0	60.0		ug/L		120	79 - 123
4-Methyl-2-pentanone	250	227		ug/L		91	60 - 137
n-Propylbenzene	50.0	44.2		ug/L		88	75 - 129
Styrene	50.0	45.8		ug/L		92	80 - 127
1,1,2,2-Tetrachloroethane	50.0	35.1		ug/L		70	69 - 131
Tetrachloroethene	50.0	52.8		ug/L		106	80 - 126
Tetrahydrofuran	500	650	L1	ug/L		130	51 - 124
Toluene	50.0	48.2		ug/L		96	80 - 126
1,2,4-Trichlorobenzene	50.0	46.8		ug/L		94	63 - 133
1,1,1-Trichloroethane	50.0	52.5		ug/L		105	78 - 135
1,1,2-Trichloroethane	50.0	49.8		ug/L		100	80 - 124
Trichloroethene	50.0	61.3		ug/L		123	80 - 123
Trichlorofluoromethane	50.0	43.5		ug/L		87	65 - 124
Vinyl chloride	50.0	51.6		ug/L		103	68 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1565-BS1

Matrix: Water

Analysis Batch: V006136

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1565_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Xylenes, total	150	135		ug/L		90	80 - 132
1,1,2-Trifluorotrichloroethane	50.0	51.7		ug/L		103	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	94		70 - 130
Dibromofluoromethane	116		70 - 130
Toluene-d8	97		70 - 130
4-Bromofluorobenzene	85		70 - 130

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Lab Sample ID: 12D2846-BLK1

Matrix: Soil

Analysis Batch: 12D2846

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D2846_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0670	0.0340	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Acenaphthylene	ND		0.0670	0.0340	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Acetophenone	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Anthracene	ND		0.0670	0.0340	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Atrazine	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Benzaldehyde	ND		1.67	0.835	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Benzo (a) anthracene	ND		0.0670	0.0340	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Benzo (b) fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Benzo (a) pyrene	ND		0.0670	0.0340	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Benzo (g,h,i) perylene	ND		0.0670	0.0340	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Benzo (k) fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Biphenyl	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
4-Bromophenyl phenyl ether	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Butyl benzyl phthalate	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
4-Chloro-3-methylphenol	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
4-Chloroaniline	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Caprolactam	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Carbazole	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
2-Chloronaphthalene	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Bis(2-chloroethoxy)methane	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Bis(2-chloroethyl)ether	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Bis(2-chloroisopropyl)ether	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
2-Chlorophenol	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
4-Chlorophenyl phenyl ether	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Chrysene	ND		0.0670	0.0340	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Dibenz (a,h) anthracene	ND		0.0670	0.0340	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Dibenzofuran	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Di-n-butyl phthalate	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
3,3-Dichlorobenzidine	ND		0.667	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
2,4-Dichlorophenol	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Diethyl phthalate	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
2,4-Dimethylphenol	ND		0.333	0.192	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Dimethyl phthalate	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D2846-BLK1

Matrix: Soil

Analysis Batch: 12D2846

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D2846_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
2,4-Dinitrophenol	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
2,6-Dinitrotoluene	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
2,4-Dinitrotoluene	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Di-n-octyl phthalate	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Bis(2-ethylhexyl)phthalate	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Fluorene	ND		0.0670	0.0340	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Hexachlorobenzene	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Hexachlorobutadiene	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Hexachlorocyclopentadiene	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Hexachloroethane	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Indeno (1,2,3-cd) pyrene	ND		0.0670	0.0340	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Isophorone	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
2-Methylnaphthalene	ND		0.0670	0.0340	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
2-Methylphenol	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Naphthalene	ND		0.0670	0.0340	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
2-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
3-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
4-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Nitrobenzene	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
2-Nitrophenol	ND		0.333	0.196	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
4-Nitrophenol	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
N-Nitrosodiphenylamine	ND		0.333	0.183	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
N-Nitrosodi-n-propylamine	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Pentachlorophenol	ND		0.833	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Phenanthrene	ND		0.0670	0.0340	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Phenol	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
Pyrene	ND		0.0670	0.0340	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
2,4,5-Trichlorophenol	ND		0.833	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00
2,4,6-Trichlorophenol	ND		0.333	0.167	mg/kg wet		04/14/12 11:00	04/15/12 17:01	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	69		17 - 120	04/14/12 11:00	04/15/12 17:01	1.00
Phenol-d5	69		18 - 120	04/14/12 11:00	04/15/12 17:01	1.00
2-Fluorobiphenyl	75		14 - 120	04/14/12 11:00	04/15/12 17:01	1.00
Nitrobenzene-d5	68		17 - 120	04/14/12 11:00	04/15/12 17:01	1.00
Terphenyl-d14	91		18 - 120	04/14/12 11:00	04/15/12 17:01	1.00
2,4,6-Tribromophenol	76		19 - 120	04/14/12 11:00	04/15/12 17:01	1.00

Lab Sample ID: 12D2846-BS1

Matrix: Soil

Analysis Batch: 12D2846

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D2846_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	1.67	1.59		mg/kg wet		96	36 - 120
Acenaphthylene	1.67	1.59		mg/kg wet		95	38 - 120
Acetophenone	1.67	1.33		mg/kg wet		80	30 - 120
Anthracene	1.67	1.74		mg/kg wet		104	46 - 124

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D2846-BS1

Matrix: Soil

Analysis Batch: 12D2846

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D2846_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo (a) anthracene	1.67	1.71		mg/kg wet		102	45 - 120
Benzo (b) fluoranthene	1.67	1.67		mg/kg wet		100	42 - 120
Benzo (a) pyrene	1.67	1.71		mg/kg wet		102	45 - 120
Benzo (g,h,i) perylene	1.67	1.61		mg/kg wet		97	38 - 120
Benzo (k) fluoranthene	1.67	1.57		mg/kg wet		94	42 - 120
4-Bromophenyl phenyl ether	1.67	1.79		mg/kg wet		107	40 - 120
Butyl benzyl phthalate	1.67	1.72		mg/kg wet		103	43 - 133
4-Chloro-3-methylphenol	1.67	1.63		mg/kg wet		98	38 - 120
4-Chloroaniline	1.67	1.62		mg/kg wet		97	35 - 120
Carbazole	1.67	1.70		mg/kg wet		102	44 - 120
2-Chloronaphthalene	1.67	1.31		mg/kg wet		78	34 - 120
Bis(2-chloroethoxy)methane	1.67	1.53		mg/kg wet		92	32 - 120
Bis(2-chloroethyl)ether	1.67	1.39		mg/kg wet		84	31 - 120
Bis(2-chloroisopropyl)ether	1.67	1.49		mg/kg wet		89	32 - 120
2-Chlorophenol	1.67	1.52		mg/kg wet		91	32 - 120
4-Chlorophenyl phenyl ether	1.67	1.66		mg/kg wet		100	42 - 120
Chrysene	1.67	1.66		mg/kg wet		100	43 - 120
Dibenz (a,h) anthracene	1.67	1.62		mg/kg wet		97	32 - 128
Dibenzofuran	1.67	1.65		mg/kg wet		99	41 - 120
Di-n-butyl phthalate	1.67	1.67		mg/kg wet		100	46 - 127
3,3-Dichlorobenzidine	1.67	1.67		mg/kg wet		100	39 - 120
2,4-Dichlorophenol	1.67	1.66		mg/kg wet		99	32 - 120
Diethyl phthalate	1.67	1.66		mg/kg wet		99	41 - 122
2,4-Dimethylphenol	1.67	1.55		mg/kg wet		93	32 - 120
Dimethyl phthalate	1.67	1.61		mg/kg wet		97	55 - 120
4,6-Dinitro-2-methylphenol	1.67	1.80		mg/kg wet		108	27 - 134
2,4-Dinitrophenol	1.67	1.70		mg/kg wet		102	23 - 142
2,6-Dinitrotoluene	1.67	1.39		mg/kg wet		83	43 - 120
2,4-Dinitrotoluene	1.67	1.38		mg/kg wet		83	43 - 120
Di-n-octyl phthalate	1.67	1.60		mg/kg wet		96	40 - 130
Bis(2-ethylhexyl)phthalate	1.67	4.52	L	mg/kg wet		271	43 - 120
Fluoranthene	1.67	1.76		mg/kg wet		106	46 - 120
Fluorene	1.67	1.70		mg/kg wet		102	42 - 120
Hexachlorobenzene	1.67	1.94		mg/kg wet		116	44 - 120
Hexachlorobutadiene	1.67	1.88		mg/kg wet		113	31 - 120
Hexachlorocyclopentadiene	1.67	1.01		mg/kg wet		61	24 - 120
Hexachloroethane	1.67	1.46		mg/kg wet		87	33 - 120
Indeno (1,2,3-cd) pyrene	1.67	1.60		mg/kg wet		96	41 - 121
Isophorone	1.67	1.29		mg/kg wet		77	33 - 120
2-Methylnaphthalene	1.67	1.57		mg/kg wet		94	28 - 120
2-Methylphenol	1.67	1.17		mg/kg wet		70	36 - 120
Naphthalene	1.67	1.69		mg/kg wet		101	32 - 120
2-Nitroaniline	1.67	1.66		mg/kg wet		100	40 - 120
3-Nitroaniline	1.67	1.68		mg/kg wet		101	42 - 120
4-Nitroaniline	1.67	1.66		mg/kg wet		100	43 - 120
Nitrobenzene	1.67	1.12		mg/kg wet		67	26 - 120
2-Nitrophenol	1.67	1.65		mg/kg wet		99	29 - 120
4-Nitrophenol	1.67	1.54		mg/kg wet		92	32 - 136
N-Nitrosodiphenylamine	1.67	1.95		mg/kg wet		117	52 - 140
N-Nitrosodi-n-propylamine	1.67	1.49		mg/kg wet		89	35 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D2846-BS1

Matrix: Soil

Analysis Batch: 12D2846

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D2846_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pentachlorophenol	1.67	1.74		mg/kg wet		105	44 - 134
Phenanthrene	1.67	1.71		mg/kg wet		102	45 - 120
Phenol	1.67	1.36		mg/kg wet		82	30 - 120
Pyrene	1.67	1.68		mg/kg wet		101	43 - 120
2,4,5-Trichlorophenol	1.67	1.36		mg/kg wet		82	39 - 120
2,4,6-Trichlorophenol	1.67	1.73		mg/kg wet		104	39 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	69		17 - 120
Phenol-d5	68		18 - 120
2-Fluorobiphenyl	76		14 - 120
Nitrobenzene-d5	73		17 - 120
Terphenyl-d14	100		18 - 120
2,4,6-Tribromophenol	77		19 - 120

Lab Sample ID: 12D2846-BS2

Matrix: Soil

Analysis Batch: 12D2846

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D2846_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetophenone	1.67	1.28		mg/kg wet		76	30 - 120
Atrazine	1.67	1.43		mg/kg wet		86	41 - 120
Benzaldehyde	1.67	1.28	J	mg/kg wet		77	10 - 150
Biphenyl	1.67	1.23		mg/kg wet		74	15 - 120
4-Chloro-3-methylphenol	1.67	1.29		mg/kg wet		78	38 - 120
Caprolactam	1.67	1.15		mg/kg wet		69	18 - 138
2-Chlorophenol	1.67	1.18		mg/kg wet		71	32 - 120
2,4-Dichlorophenol	1.67	1.25		mg/kg wet		75	32 - 120
2,4-Dimethylphenol	1.67	1.22		mg/kg wet		73	32 - 120
4,6-Dinitro-2-methylphenol	1.67	1.36		mg/kg wet		82	27 - 134
2,4-Dinitrophenol	1.67	1.33		mg/kg wet		80	23 - 142
2-Methylphenol	1.67	0.963		mg/kg wet		58	36 - 120
2-Nitrophenol	1.67	1.21		mg/kg wet		73	29 - 120
4-Nitrophenol	1.67	1.31		mg/kg wet		79	32 - 136
Pentachlorophenol	1.67	1.19		mg/kg wet		72	44 - 134
Phenol	1.67	1.08		mg/kg wet		65	30 - 120
2,4,5-Trichlorophenol	1.67	1.10		mg/kg wet		66	39 - 120
2,4,6-Trichlorophenol	1.67	1.40		mg/kg wet		84	39 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	65		17 - 120
Phenol-d5	66		18 - 120
2-Fluorobiphenyl	66		14 - 120
Nitrobenzene-d5	63		17 - 120
Terphenyl-d14	89		18 - 120
2,4,6-Tribromophenol	69		19 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D2846-MS1

Matrix: Soil

Analysis Batch: 12D2846

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D2846_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Acenaphthene	0.732		2.15	1.73		mg/kg dry	☼	46	19 - 120
Acenaphthylene	ND		2.15	1.75		mg/kg dry	☼	81	25 - 120
Acetophenone	ND		2.15	1.49		mg/kg dry	☼	69	10 - 200
Anthracene	1.06		2.15	1.84		mg/kg dry	☼	37	28 - 125
Benzo (a) anthracene	1.63	M8	2.15	1.92	M8	mg/kg dry	☼	13	23 - 120
Benzo (b) fluoranthene	1.28		2.15	1.67		mg/kg dry	☼	18	12 - 133
Benzo (a) pyrene	1.33		2.15	1.86		mg/kg dry	☼	25	15 - 128
Benzo (g,h,i) perylene	0.717		2.15	1.77		mg/kg dry	☼	49	22 - 120
Benzo (k) fluoranthene	1.05		2.15	1.95		mg/kg dry	☼	42	28 - 120
4-Bromophenyl phenyl ether	ND		2.15	2.00		mg/kg dry	☼	93	31 - 120
Butyl benzyl phthalate	ND		2.15	1.90		mg/kg dry	☼	88	24 - 133
4-Chloro-3-methylphenol	ND		2.15	1.71		mg/kg dry	☼	79	21 - 120
4-Chloroaniline	ND		2.15	1.76		mg/kg dry	☼	82	26 - 120
Carbazole	ND		2.15	1.86		mg/kg dry	☼	87	25 - 123
2-Chloronaphthalene	ND		2.15	1.44		mg/kg dry	☼	67	24 - 120
Bis(2-chloroethoxy)methane	ND		2.15	1.69		mg/kg dry	☼	78	24 - 120
Bis(2-chloroethyl)ether	ND		2.15	1.59		mg/kg dry	☼	74	22 - 120
Bis(2-chloroisopropyl)ether	ND		2.15	1.60		mg/kg dry	☼	74	20 - 120
2-Chlorophenol	ND		2.15	1.67		mg/kg dry	☼	77	25 - 120
4-Chlorophenyl phenyl ether	ND		2.15	1.84		mg/kg dry	☼	85	26 - 120
Chrysene	1.52	M8	2.15	1.83	M8	mg/kg dry	☼	14	20 - 120
Dibenz (a,h) anthracene	0.346		2.15	1.77		mg/kg dry	☼	66	12 - 128
Dibenzofuran	ND		2.15	1.80		mg/kg dry	☼	84	21 - 120
Di-n-butyl phthalate	ND		2.15	1.79		mg/kg dry	☼	83	29 - 126
3,3-Dichlorobenzidine	ND		2.15	1.67		mg/kg dry	☼	78	10 - 120
2,4-Dichlorophenol	ND		2.15	1.80		mg/kg dry	☼	83	17 - 120
Diethyl phthalate	ND		2.15	1.76		mg/kg dry	☼	82	29 - 122
2,4-Dimethylphenol	ND		2.15	1.51		mg/kg dry	☼	70	17 - 120
Dimethyl phthalate	ND		2.15	1.78		mg/kg dry	☼	82	30 - 120
4,6-Dinitro-2-methylphenol	ND		2.15	1.85		mg/kg dry	☼	86	10 - 134
2,4-Dinitrophenol	ND		2.15	1.59		mg/kg dry	☼	74	10 - 150
2,6-Dinitrotoluene	ND		2.15	1.50		mg/kg dry	☼	70	24 - 120
2,4-Dinitrotoluene	ND		2.15	1.47		mg/kg dry	☼	68	24 - 121
Di-n-octyl phthalate	ND		2.15	1.70		mg/kg dry	☼	79	27 - 130
Bis(2-ethylhexyl)phthalate	1.81		2.15	1.84	M8	mg/kg dry	☼	2	26 - 120
Fluoranthene	4.78		2.15	1.89	M8	mg/kg dry	☼	-134	10 - 143
Fluorene	0.727		2.15	1.85		mg/kg dry	☼	52	20 - 120
Hexachlorobenzene	ND		2.15	2.13		mg/kg dry	☼	99	25 - 120
Hexachlorobutadiene	ND		2.15	2.13		mg/kg dry	☼	99	10 - 120
Hexachlorocyclopentadiene	ND		2.15	1.09		mg/kg dry	☼	51	10 - 120
Hexachloroethane	ND		2.15	1.58		mg/kg dry	☼	74	10 - 120
Indeno (1,2,3-cd) pyrene	0.686		2.15	1.78		mg/kg dry	☼	51	22 - 121
Isophorone	ND		2.15	1.42		mg/kg dry	☼	66	24 - 120
2-Methylnaphthalene	0.0581	J	2.15	1.70		mg/kg dry	☼	76	13 - 120
2-Methylphenol	ND		2.15	1.32		mg/kg dry	☼	61	23 - 120
Naphthalene	0.101		2.15	1.87		mg/kg dry	☼	82	10 - 120
2-Nitroaniline	ND		2.15	1.83		mg/kg dry	☼	85	31 - 120
3-Nitroaniline	ND		2.15	1.84		mg/kg dry	☼	85	31 - 120
4-Nitroaniline	ND		2.15	1.75		mg/kg dry	☼	81	28 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D2846-MS1

Matrix: Soil

Analysis Batch: 12D2846

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D2846_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Nitrobenzene	ND		2.15	1.28		mg/kg dry	☼	59	19 - 120
2-Nitrophenol	ND		2.15	1.84		mg/kg dry	☼	85	23 - 120
4-Nitrophenol	ND		2.15	1.59		mg/kg dry	☼	74	16 - 139
N-Nitrosodiphenylamine	ND		2.15	2.21		mg/kg dry	☼	102	26 - 150
N-Nitrosodi-n-propylamine	ND		2.15	1.67		mg/kg dry	☼	78	24 - 120
Pentachlorophenol	ND		2.15	1.89		mg/kg dry	☼	88	19 - 145
Phenanthrene	4.08	M8	2.15	1.91	M8	mg/kg dry	☼	-101	21 - 122
Phenol	ND		2.15	1.56		mg/kg dry	☼	73	15 - 120
Pyrene	4.01	M8	2.15	1.90	M8	mg/kg dry	☼	-98	20 - 123
2,4,5-Trichlorophenol	ND		2.15	1.52		mg/kg dry	☼	71	27 - 120
2,4,6-Trichlorophenol	ND		2.15	1.88		mg/kg dry	☼	87	24 - 122

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
2-Fluorophenol	60		17 - 120
Phenol-d5	59		18 - 120
2-Fluorobiphenyl	65		14 - 120
Nitrobenzene-d5	62		17 - 120
Terphenyl-d14	84		18 - 120
2,4,6-Tribromophenol	64		19 - 120

Lab Sample ID: 12D2846-MSD1

Matrix: Soil

Analysis Batch: 12D2846

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D2846_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Acenaphthene	0.732		2.13	1.92		mg/kg dry	☼	56	19 - 120	10	50
Acenaphthylene	ND		2.13	1.90		mg/kg dry	☼	89	25 - 120	8	50
Acetophenone	ND		2.13	1.54		mg/kg dry	☼	72	10 - 200	3	50
Anthracene	1.06		2.13	1.97		mg/kg dry	☼	43	28 - 125	7	49
Benzo (a) anthracene	1.63	M8	2.13	2.07	M8	mg/kg dry	☼	21	23 - 120	8	50
Benzo (b) fluoranthene	1.28		2.13	2.02		mg/kg dry	☼	35	12 - 133	19	50
Benzo (a) pyrene	1.33		2.13	1.99		mg/kg dry	☼	31	15 - 128	6	50
Benzo (g,h,i) perylene	0.717		2.13	1.78		mg/kg dry	☼	50	22 - 120	1	50
Benzo (k) fluoranthene	1.05		2.13	1.77		mg/kg dry	☼	34	28 - 120	10	45
4-Bromophenyl phenyl ether	ND		2.13	2.19		mg/kg dry	☼	103	31 - 120	9	37
Butyl benzyl phthalate	ND		2.13	1.96		mg/kg dry	☼	92	24 - 133	3	50
4-Chloro-3-methylphenol	ND		2.13	1.94		mg/kg dry	☼	91	21 - 120	13	49
4-Chloroaniline	ND		2.13	1.96		mg/kg dry	☼	92	26 - 120	11	50
Carbazole	ND		2.13	1.96		mg/kg dry	☼	92	25 - 123	5	46
2-Chloronaphthalene	ND		2.13	1.56		mg/kg dry	☼	73	24 - 120	8	50
Bis(2-chloroethoxy)methane	ND		2.13	1.82		mg/kg dry	☼	85	24 - 120	7	50
Bis(2-chloroethyl)ether	ND		2.13	1.67		mg/kg dry	☼	79	22 - 120	5	50
Bis(2-chloroisopropyl)ether	ND		2.13	1.78		mg/kg dry	☼	83	20 - 120	10	50
2-Chlorophenol	ND		2.13	1.83		mg/kg dry	☼	86	25 - 120	9	50
4-Chlorophenyl phenyl ether	ND		2.13	2.02		mg/kg dry	☼	95	26 - 120	9	50
Chrysene	1.52	M8	2.13	1.97		mg/kg dry	☼	21	20 - 120	7	49
Dibenz (a,h) anthracene	0.346		2.13	1.83		mg/kg dry	☼	70	12 - 128	4	50
Dibenzofuran	ND		2.13	1.99		mg/kg dry	☼	94	21 - 120	10	50
Di-n-butyl phthalate	ND		2.13	1.93		mg/kg dry	☼	91	29 - 126	7	49

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D2846-MSD1

Matrix: Soil

Analysis Batch: 12D2846

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D2846_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
3,3-Dichlorobenzidine	ND		2.13	1.90		mg/kg dry	☼	89	10 - 120	13	50
2,4-Dichlorophenol	ND		2.13	1.94		mg/kg dry	☼	91	17 - 120	8	50
Diethyl phthalate	ND		2.13	1.93		mg/kg dry	☼	91	29 - 122	9	45
2,4-Dimethylphenol	ND		2.13	1.77		mg/kg dry	☼	83	17 - 120	16	50
Dimethyl phthalate	ND		2.13	1.93		mg/kg dry	☼	91	30 - 120	8	46
4,6-Dinitro-2-methylphenol	ND		2.13	2.08		mg/kg dry	☼	98	10 - 134	12	50
2,4-Dinitrophenol	ND		2.13	1.94		mg/kg dry	☼	91	10 - 150	20	50
2,6-Dinitrotoluene	ND		2.13	1.61		mg/kg dry	☼	76	24 - 120	7	50
2,4-Dinitrotoluene	ND		2.13	1.66		mg/kg dry	☼	78	24 - 121	12	50
Di-n-octyl phthalate	ND		2.13	1.82		mg/kg dry	☼	85	27 - 130	6	50
Bis(2-ethylhexyl)phthalate	1.81		2.13	4.26	R2	mg/kg dry	☼	115	26 - 120	79	50
Fluoranthene	4.78		2.13	2.04	M8	mg/kg dry	☼	-129	10 - 143	8	50
Fluorene	0.727		2.13	2.02		mg/kg dry	☼	61	20 - 120	8	50
Hexachlorobenzene	ND		2.13	2.28		mg/kg dry	☼	107	25 - 120	7	50
Hexachlorobutadiene	ND		2.13	2.32		mg/kg dry	☼	109	10 - 120	8	50
Hexachlorocyclopentadiene	ND		2.13	1.22		mg/kg dry	☼	57	10 - 120	11	50
Hexachloroethane	ND		2.13	1.79		mg/kg dry	☼	84	10 - 120	12	50
Indeno (1,2,3-cd) pyrene	0.686		2.13	1.83		mg/kg dry	☼	54	22 - 121	2	50
Isophorone	ND		2.13	1.49		mg/kg dry	☼	70	24 - 120	5	50
2-Methylnaphthalene	0.0581	J	2.13	1.89		mg/kg dry	☼	86	13 - 120	11	50
2-Methylphenol	ND		2.13	1.44		mg/kg dry	☼	68	23 - 120	9	50
Naphthalene	0.101		2.13	2.02		mg/kg dry	☼	90	10 - 120	8	50
2-Nitroaniline	ND		2.13	1.98		mg/kg dry	☼	93	31 - 120	8	50
3-Nitroaniline	ND		2.13	1.97		mg/kg dry	☼	93	31 - 120	7	49
4-Nitroaniline	ND		2.13	1.94		mg/kg dry	☼	91	28 - 120	11	49
Nitrobenzene	ND		2.13	1.36		mg/kg dry	☼	64	19 - 120	6	50
2-Nitrophenol	ND		2.13	1.99		mg/kg dry	☼	93	23 - 120	8	50
4-Nitrophenol	ND		2.13	1.77		mg/kg dry	☼	83	16 - 139	11	45
N-Nitrosodiphenylamine	ND		2.13	2.28		mg/kg dry	☼	107	26 - 150	3	50
N-Nitrosodi-n-propylamine	ND		2.13	1.74		mg/kg dry	☼	82	24 - 120	4	50
Pentachlorophenol	ND		2.13	2.12		mg/kg dry	☼	100	19 - 145	11	50
Phenanthrene	4.08	M8	2.13	2.03	M8	mg/kg dry	☼	-96	21 - 122	6	50
Phenol	ND		2.13	1.61		mg/kg dry	☼	76	15 - 120	3	50
Pyrene	4.01	M8	2.13	2.01	M8	mg/kg dry	☼	-94	20 - 123	6	50
2,4,5-Trichlorophenol	ND		2.13	1.67		mg/kg dry	☼	78	27 - 120	9	50
2,4,6-Trichlorophenol	ND		2.13	2.07		mg/kg dry	☼	97	24 - 122	9	50

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Matrix Spike Dup Limits
2-Fluorophenol	65		17 - 120
Phenol-d5	64		18 - 120
2-Fluorobiphenyl	72		14 - 120
Nitrobenzene-d5	67		17 - 120
Terphenyl-d14	91		18 - 120
2,4,6-Tribromophenol	70		19 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D3223-BLK1

Matrix: Soil

Analysis Batch: 12D3223

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D3223_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Acenaphthylene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Acetophenone	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Anthracene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Atrazine	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Benzaldehyde	ND		1.67	0.835	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Benzo (a) anthracene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Benzo (b) fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Benzo (a) pyrene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Benzo (g,h,i) perylene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Benzo (k) fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Biphenyl	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
4-Bromophenyl phenyl ether	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Butyl benzyl phthalate	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
4-Chloro-3-methylphenol	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
4-Chloroaniline	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Caprolactam	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Carbazole	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2-Chloronaphthalene	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Bis(2-chloroethoxy)methane	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Bis(2-chloroethyl)ether	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Bis(2-chloroisopropyl)ether	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2-Chlorophenol	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
4-Chlorophenyl phenyl ether	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Chrysene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Dibenz (a,h) anthracene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Dibenzofuran	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Di-n-butyl phthalate	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
3,3-Dichlorobenzidine	ND		0.667	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2,4-Dichlorophenol	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Diethyl phthalate	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2,4-Dimethylphenol	ND		0.333	0.192	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Dimethyl phthalate	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
4,6-Dinitro-2-methylphenol	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2,4-Dinitrophenol	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2,6-Dinitrotoluene	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2,4-Dinitrotoluene	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Di-n-octyl phthalate	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Bis(2-ethylhexyl)phthalate	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Fluorene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Hexachlorobenzene	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Hexachlorobutadiene	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Hexachlorocyclopentadiene	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Hexachloroethane	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Indeno (1,2,3-cd) pyrene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Isophorone	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2-Methylnaphthalene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2-Methylphenol	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D3223-BLK1

Matrix: Soil

Analysis Batch: 12D3223

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D3223_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
3-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
4-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Nitrobenzene	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2-Nitrophenol	ND		0.333	0.196	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
4-Nitrophenol	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
N-Nitrosodiphenylamine	ND		0.333	0.183	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
N-Nitrosodi-n-propylamine	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Pentachlorophenol	ND		0.833	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Phenanthrene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Phenol	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Pyrene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2,4,5-Trichlorophenol	ND		0.833	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2,4,6-Trichlorophenol	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	54		17 - 120	04/16/12 16:00	04/17/12 12:57	1.00
Phenol-d5	53		18 - 120	04/16/12 16:00	04/17/12 12:57	1.00
2-Fluorobiphenyl	60		14 - 120	04/16/12 16:00	04/17/12 12:57	1.00
Nitrobenzene-d5	55		17 - 120	04/16/12 16:00	04/17/12 12:57	1.00
Terphenyl-d14	80		18 - 120	04/16/12 16:00	04/17/12 12:57	1.00
2,4,6-Tribromophenol	59		19 - 120	04/16/12 16:00	04/17/12 12:57	1.00

Lab Sample ID: 12D3223-BS1

Matrix: Soil

Analysis Batch: 12D3223

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D3223_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Acenaphthene	1.67	1.35		mg/kg wet		81	36 - 120
Acenaphthylene	1.67	1.35		mg/kg wet		81	38 - 120
Acetophenone	1.67	1.10		mg/kg wet		66	30 - 120
Anthracene	1.67	1.49		mg/kg wet		89	46 - 124
Benzo (a) anthracene	1.67	1.49		mg/kg wet		90	45 - 120
Benzo (b) fluoranthene	1.67	1.30		mg/kg wet		78	42 - 120
Benzo (a) pyrene	1.67	1.46		mg/kg wet		87	45 - 120
Benzo (g,h,i) perylene	1.67	1.37		mg/kg wet		82	38 - 120
Benzo (k) fluoranthene	1.67	1.55		mg/kg wet		93	42 - 120
4-Bromophenyl phenyl ether	1.67	1.62		mg/kg wet		97	40 - 120
Butyl benzyl phthalate	1.67	1.54		mg/kg wet		93	43 - 133
4-Chloro-3-methylphenol	1.67	1.39		mg/kg wet		83	38 - 120
4-Chloroaniline	1.67	1.37		mg/kg wet		82	35 - 120
Carbazole	1.67	1.41		mg/kg wet		85	44 - 120
2-Chloronaphthalene	1.67	1.09		mg/kg wet		65	34 - 120
Bis(2-chloroethoxy)methane	1.67	1.30		mg/kg wet		78	32 - 120
Bis(2-chloroethyl)ether	1.67	1.17		mg/kg wet		70	31 - 120
Bis(2-chloroisopropyl)ether	1.67	1.34		mg/kg wet		80	32 - 120
2-Chlorophenol	1.67	1.27		mg/kg wet		76	32 - 120
4-Chlorophenyl phenyl ether	1.67	1.50		mg/kg wet		90	42 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D3223-BS1

Matrix: Soil

Analysis Batch: 12D3223

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D3223_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chrysene	1.67	1.43		mg/kg wet		86	43 - 120
Dibenz (a,h) anthracene	1.67	1.39		mg/kg wet		83	32 - 128
Dibenzofuran	1.67	1.42		mg/kg wet		85	41 - 120
Di-n-butyl phthalate	1.67	1.49		mg/kg wet		90	46 - 127
3,3-Dichlorobenzidine	1.67	1.46		mg/kg wet		87	39 - 120
2,4-Dichlorophenol	1.67	1.38		mg/kg wet		83	32 - 120
Diethyl phthalate	1.67	1.44		mg/kg wet		86	41 - 122
2,4-Dimethylphenol	1.67	1.31		mg/kg wet		79	32 - 120
Dimethyl phthalate	1.67	1.39		mg/kg wet		83	55 - 120
4,6-Dinitro-2-methylphenol	1.67	1.46		mg/kg wet		88	27 - 134
2,4-Dinitrophenol	1.67	1.33		mg/kg wet		80	23 - 142
2,6-Dinitrotoluene	1.67	1.19		mg/kg wet		71	43 - 120
2,4-Dinitrotoluene	1.67	1.18		mg/kg wet		71	43 - 120
Di-n-octyl phthalate	1.67	1.47		mg/kg wet		88	40 - 130
Bis(2-ethylhexyl)phthalate	1.67	1.56		mg/kg wet		93	43 - 120
Fluoranthene	1.67	1.47		mg/kg wet		88	46 - 120
Fluorene	1.67	1.46		mg/kg wet		88	42 - 120
Hexachlorobenzene	1.67	1.69		mg/kg wet		101	44 - 120
Hexachlorobutadiene	1.67	1.59		mg/kg wet		95	31 - 120
Hexachlorocyclopentadiene	1.67	0.858		mg/kg wet		51	24 - 120
Hexachloroethane	1.67	1.26		mg/kg wet		76	33 - 120
Indeno (1,2,3-cd) pyrene	1.67	1.36		mg/kg wet		82	41 - 121
Isophorone	1.67	1.09		mg/kg wet		65	33 - 120
2-Methylnaphthalene	1.67	1.34		mg/kg wet		80	28 - 120
2-Methylphenol	1.67	1.04		mg/kg wet		63	36 - 120
Naphthalene	1.67	1.37		mg/kg wet		82	32 - 120
2-Nitroaniline	1.67	1.41		mg/kg wet		85	40 - 120
3-Nitroaniline	1.67	1.41		mg/kg wet		84	42 - 120
4-Nitroaniline	1.67	1.40		mg/kg wet		84	43 - 120
Nitrobenzene	1.67	0.916		mg/kg wet		55	26 - 120
2-Nitrophenol	1.67	1.38		mg/kg wet		83	29 - 120
4-Nitrophenol	1.67	1.21		mg/kg wet		73	32 - 136
N-Nitrosodiphenylamine	1.67	1.71		mg/kg wet		103	52 - 140
N-Nitrosodi-n-propylamine	1.67	1.29		mg/kg wet		77	35 - 120
Pentachlorophenol	1.67	1.55		mg/kg wet		93	44 - 134
Phenanthrene	1.67	1.48		mg/kg wet		89	45 - 120
Phenol	1.67	1.12		mg/kg wet		67	30 - 120
Pyrene	1.67	1.50		mg/kg wet		90	43 - 120
2,4,5-Trichlorophenol	1.67	1.20		mg/kg wet		72	39 - 120
2,4,6-Trichlorophenol	1.67	1.50		mg/kg wet		90	39 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	55		17 - 120
Phenol-d5	56		18 - 120
2-Fluorobiphenyl	65		14 - 120
Nitrobenzene-d5	58		17 - 120
Terphenyl-d14	87		18 - 120
2,4,6-Tribromophenol	62		19 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D3223-BS2

Matrix: Soil

Analysis Batch: 12D3223

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D3223_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetophenone	1.67	1.13		mg/kg wet		68	30 - 120
Atrazine	1.67	1.24		mg/kg wet		75	41 - 120
Benzaldehyde	1.67	ND	L2	mg/kg wet			10 - 150
Biphenyl	1.67	1.14		mg/kg wet		68	15 - 120
4-Chloro-3-methylphenol	1.67	1.14		mg/kg wet		68	38 - 120
Caprolactam	1.67	1.04		mg/kg wet		63	18 - 138
2-Chlorophenol	1.67	0.987		mg/kg wet		59	32 - 120
2,4-Dichlorophenol	1.67	1.15		mg/kg wet		69	32 - 120
2,4-Dimethylphenol	1.67	1.07		mg/kg wet		64	32 - 120
4,6-Dinitro-2-methylphenol	1.67	1.19		mg/kg wet		71	27 - 134
2,4-Dinitrophenol	1.67	1.09		mg/kg wet		65	23 - 142
2-Methylphenol	1.67	0.846		mg/kg wet		51	36 - 120
2-Nitrophenol	1.67	1.06		mg/kg wet		64	29 - 120
4-Nitrophenol	1.67	1.09		mg/kg wet		66	32 - 136
Pentachlorophenol	1.67	1.04		mg/kg wet		63	44 - 134
Phenol	1.67	0.939		mg/kg wet		56	30 - 120
2,4,5-Trichlorophenol	1.67	1.01		mg/kg wet		60	39 - 120
2,4,6-Trichlorophenol	1.67	1.21		mg/kg wet		73	39 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	52		17 - 120
Phenol-d5	54		18 - 120
2-Fluorobiphenyl	61		14 - 120
Nitrobenzene-d5	53		17 - 120
Terphenyl-d14	86		18 - 120
2,4,6-Tribromophenol	65		19 - 120

Lab Sample ID: 12D3223-MS1

Matrix: Soil

Analysis Batch: 12D3223

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D3223_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	0.665		2.16	2.25		mg/kg dry	✱	74	19 - 120
Acenaphthylene	ND		2.16	1.45		mg/kg dry	✱	67	25 - 120
Acetophenone	ND		2.16	1.18		mg/kg dry	✱	55	10 - 200
Anthracene	0.295		2.16	3.63	M7	mg/kg dry	✱	155	28 - 125
Benzo (a) anthracene	0.627		2.16	6.02	M7	mg/kg dry	✱	250	23 - 120
Benzo (b) fluoranthene	0.790		2.16	5.30	M7	mg/kg dry	✱	209	12 - 133
Benzo (a) pyrene	0.682		2.16	5.34	M7	mg/kg dry	✱	216	15 - 128
Benzo (g,h,i) perylene	0.412		2.16	3.24	M7	mg/kg dry	✱	131	22 - 120
Benzo (k) fluoranthene	0.413		2.16	3.58	M7	mg/kg dry	✱	147	28 - 120
4-Bromophenyl phenyl ether	ND		2.16	1.66		mg/kg dry	✱	77	31 - 120
Butyl benzyl phthalate	ND		2.16	1.65		mg/kg dry	✱	76	24 - 133
4-Chloro-3-methylphenol	ND		2.16	1.49		mg/kg dry	✱	69	21 - 120
4-Chloroaniline	ND		2.16	1.28		mg/kg dry	✱	60	26 - 120
Carbazole	ND		2.16	1.81		mg/kg dry	✱	84	25 - 123
2-Chloronaphthalene	ND		2.16	1.16		mg/kg dry	✱	54	24 - 120
Bis(2-chloroethoxy)methane	ND		2.16	1.39		mg/kg dry	✱	65	24 - 120
Bis(2-chloroethyl)ether	ND		2.16	1.33		mg/kg dry	✱	62	22 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D3223-MS1

Matrix: Soil

Analysis Batch: 12D3223

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D3223_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Bis(2-chloroisopropyl)ether	ND		2.16	1.46		mg/kg dry	☼	68	20 - 120
2-Chlorophenol	ND		2.16	1.42		mg/kg dry	☼	66	25 - 120
4-Chlorophenyl phenyl ether	ND		2.16	1.49		mg/kg dry	☼	69	26 - 120
Chrysene	0.649		2.16	5.29	M7	mg/kg dry	☼	215	20 - 120
Dibenz (a,h) anthracene	ND		2.16	2.31		mg/kg dry	☼	107	12 - 128
Dibenzofuran	0.329		2.16	1.73		mg/kg dry	☼	65	21 - 120
Di-n-butyl phthalate	ND		2.16	1.46		mg/kg dry	☼	68	29 - 126
3,3-Dichlorobenzidine	ND		2.16	0.947		mg/kg dry	☼	44	10 - 120
2,4-Dichlorophenol	ND		2.16	1.58		mg/kg dry	☼	73	17 - 120
Diethyl phthalate	ND		2.16	1.36		mg/kg dry	☼	63	29 - 122
2,4-Dimethylphenol	ND		2.16	1.47		mg/kg dry	☼	68	17 - 120
Dimethyl phthalate	ND		2.16	1.32		mg/kg dry	☼	61	30 - 120
4,6-Dinitro-2-methylphenol	ND		2.16	0.867		mg/kg dry	☼	40	10 - 134
2,4-Dinitrophenol	ND		2.16	0.561		mg/kg dry	☼	26	10 - 150
2,6-Dinitrotoluene	ND		2.16	1.19		mg/kg dry	☼	55	24 - 120
2,4-Dinitrotoluene	ND		2.16	1.16		mg/kg dry	☼	54	24 - 121
Di-n-octyl phthalate	ND		2.16	1.52		mg/kg dry	☼	71	27 - 130
Bis(2-ethylhexyl)phthalate	ND		2.16	1.79		mg/kg dry	☼	83	26 - 120
Fluoranthene	1.21		2.16	9.65	M7	mg/kg dry	☼	392	10 - 143
Fluorene	0.690		2.16	2.43		mg/kg dry	☼	81	20 - 120
Hexachlorobenzene	ND		2.16	1.70		mg/kg dry	☼	79	25 - 120
Hexachlorobutadiene	ND		2.16	1.89		mg/kg dry	☼	88	10 - 120
Hexachlorocyclopentadiene	ND		2.16	0.401	J	mg/kg dry	☼	19	10 - 120
Hexachloroethane	ND		2.16	1.39		mg/kg dry	☼	65	10 - 120
Indeno (1,2,3-cd) pyrene	0.387		2.16	3.23	M7	mg/kg dry	☼	132	22 - 121
Isophorone	ND		2.16	1.11		mg/kg dry	☼	51	24 - 120
2-Methylnaphthalene	0.194		2.16	1.69		mg/kg dry	☼	69	13 - 120
2-Methylphenol	ND		2.16	1.12		mg/kg dry	☼	52	23 - 120
Naphthalene	0.223		2.16	1.70		mg/kg dry	☼	68	10 - 120
2-Nitroaniline	ND		2.16	1.43		mg/kg dry	☼	66	31 - 120
3-Nitroaniline	ND		2.16	1.28		mg/kg dry	☼	59	31 - 120
4-Nitroaniline	ND		2.16	1.35		mg/kg dry	☼	62	28 - 120
Nitrobenzene	ND		2.16	1.14		mg/kg dry	☼	53	19 - 120
2-Nitrophenol	ND		2.16	1.54		mg/kg dry	☼	72	23 - 120
4-Nitrophenol	ND		2.16	1.12		mg/kg dry	☼	52	16 - 139
N-Nitrosodiphenylamine	ND		2.16	1.79		mg/kg dry	☼	83	26 - 150
N-Nitrosodi-n-propylamine	ND		2.16	1.42		mg/kg dry	☼	66	24 - 120
Pentachlorophenol	ND		2.16	1.34		mg/kg dry	☼	62	19 - 145
Phenanthrene	1.30		2.16	7.55	M7	mg/kg dry	☼	290	21 - 122
Phenol	ND		2.16	1.30		mg/kg dry	☼	60	15 - 120
Pyrene	1.12		2.16	8.88	M7	mg/kg dry	☼	360	20 - 123
2,4,5-Trichlorophenol	ND		2.16	1.19		mg/kg dry	☼	55	27 - 120
2,4,6-Trichlorophenol	ND		2.16	1.53		mg/kg dry	☼	71	24 - 122

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
2-Fluorophenol	48		17 - 120
Phenol-d5	52		18 - 120
2-Fluorobiphenyl	58		14 - 120
Nitrobenzene-d5	54		17 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D3223-MS1

Matrix: Soil

Analysis Batch: 12D3223

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D3223_P

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
Terphenyl-d14	79		18 - 120
2,4,6-Tribromophenol	57		19 - 120

Lab Sample ID: 12D3223-MSD1

Matrix: Soil

Analysis Batch: 12D3223

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D3223_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	0.665		2.15	1.92		mg/kg dry	☼	58	19 - 120	16	50
Acenaphthylene	ND		2.15	1.32		mg/kg dry	☼	61	25 - 120	9	50
Acetophenone	ND		2.15	1.05		mg/kg dry	☼	49	10 - 200	12	50
Anthracene	0.295		2.15	1.82	R2	mg/kg dry	☼	71	28 - 125	66	49
Benzo (a) anthracene	0.627		2.15	2.50	R2	mg/kg dry	☼	87	23 - 120	83	50
Benzo (b) fluoranthene	0.790		2.15	2.59	R2	mg/kg dry	☼	84	12 - 133	69	50
Benzo (a) pyrene	0.682		2.15	2.56	R2	mg/kg dry	☼	87	15 - 128	71	50
Benzo (g,h,i) perylene	0.412		2.15	1.89	R2	mg/kg dry	☼	69	22 - 120	53	50
Benzo (k) fluoranthene	0.413		2.15	2.11	R2	mg/kg dry	☼	79	28 - 120	52	45
4-Bromophenyl phenyl ether	ND		2.15	1.51		mg/kg dry	☼	70	31 - 120	9	37
Butyl benzyl phthalate	ND		2.15	1.48		mg/kg dry	☼	69	24 - 133	10	50
4-Chloro-3-methylphenol	ND		2.15	1.33		mg/kg dry	☼	62	21 - 120	11	49
4-Chloroaniline	ND		2.15	1.22		mg/kg dry	☼	57	26 - 120	5	50
Carbazole	ND		2.15	1.43		mg/kg dry	☼	67	25 - 123	23	46
2-Chloronaphthalene	ND		2.15	1.10		mg/kg dry	☼	51	24 - 120	5	50
Bis(2-chloroethoxy)methane	ND		2.15	1.27		mg/kg dry	☼	59	24 - 120	9	50
Bis(2-chloroethyl)ether	ND		2.15	1.15		mg/kg dry	☼	54	22 - 120	14	50
Bis(2-chloroisopropyl)ether	ND		2.15	1.26		mg/kg dry	☼	59	20 - 120	14	50
2-Chlorophenol	ND		2.15	1.25		mg/kg dry	☼	58	25 - 120	13	50
4-Chlorophenyl phenyl ether	ND		2.15	1.42		mg/kg dry	☼	66	26 - 120	5	50
Chrysene	0.649		2.15	2.52	R2	mg/kg dry	☼	87	20 - 120	71	49
Dibenz (a,h) anthracene	ND		2.15	1.56		mg/kg dry	☼	72	12 - 128	39	50
Dibenzofuran	0.329		2.15	1.54		mg/kg dry	☼	56	21 - 120	11	50
Di-n-butyl phthalate	ND		2.15	1.37		mg/kg dry	☼	64	29 - 126	7	49
3,3-Dichlorobenzidine	ND		2.15	0.772	J	mg/kg dry	☼	36	10 - 120	20	50
2,4-Dichlorophenol	ND		2.15	1.41		mg/kg dry	☼	66	17 - 120	11	50
Diethyl phthalate	ND		2.15	1.30		mg/kg dry	☼	60	29 - 122	5	45
2,4-Dimethylphenol	ND		2.15	1.33		mg/kg dry	☼	62	17 - 120	10	50
Dimethyl phthalate	ND		2.15	1.26		mg/kg dry	☼	59	30 - 120	5	46
4,6-Dinitro-2-methylphenol	ND		2.15	0.250	J R	mg/kg dry	☼	12	10 - 134	111	50
2,4-Dinitrophenol	ND		2.15	0.247	J R	mg/kg dry	☼	12	10 - 150	78	50
2,6-Dinitrotoluene	ND		2.15	1.06		mg/kg dry	☼	50	24 - 120	11	50
2,4-Dinitrotoluene	ND		2.15	1.04		mg/kg dry	☼	48	24 - 121	11	50
Di-n-octyl phthalate	ND		2.15	1.55		mg/kg dry	☼	72	27 - 130	2	50
Bis(2-ethylhexyl)phthalate	ND		2.15	1.61		mg/kg dry	☼	75	26 - 120	10	50
Fluoranthene	1.21		2.15	3.37	R2	mg/kg dry	☼	101	10 - 143	96	50
Fluorene	0.690		2.15	1.92		mg/kg dry	☼	57	20 - 120	23	50
Hexachlorobenzene	ND		2.15	1.62		mg/kg dry	☼	75	25 - 120	5	50
Hexachlorobutadiene	ND		2.15	1.66		mg/kg dry	☼	77	10 - 120	13	50
Hexachlorocyclopentadiene	ND		2.15	0.307	J	mg/kg dry	☼	14	10 - 120	26	50
Hexachloroethane	ND		2.15	1.17		mg/kg dry	☼	54	10 - 120	18	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D3223-MSD1

Matrix: Soil

Analysis Batch: 12D3223

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D3223_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Indeno (1,2,3-cd) pyrene	0.387		2.15	1.85	R2	mg/kg dry	✱	68	22 - 121	54	50
Isophorone	ND		2.15	0.994		mg/kg dry	✱	46	24 - 120	11	50
2-Methylnaphthalene	0.194		2.15	1.48		mg/kg dry	✱	60	13 - 120	14	50
2-Methylphenol	ND		2.15	0.983		mg/kg dry	✱	46	23 - 120	13	50
Naphthalene	0.223		2.15	1.55		mg/kg dry	✱	62	10 - 120	9	50
2-Nitroaniline	ND		2.15	1.41		mg/kg dry	✱	66	31 - 120	0.9	50
3-Nitroaniline	ND		2.15	1.30		mg/kg dry	✱	60	31 - 120	2	49
4-Nitroaniline	ND		2.15	1.38		mg/kg dry	✱	64	28 - 120	2	49
Nitrobenzene	ND		2.15	1.04		mg/kg dry	✱	49	19 - 120	9	50
2-Nitrophenol	ND		2.15	1.31		mg/kg dry	✱	61	23 - 120	16	50
4-Nitrophenol	ND		2.15	1.09		mg/kg dry	✱	51	16 - 139	3	45
N-Nitrosodiphenylamine	ND		2.15	1.68		mg/kg dry	✱	78	26 - 150	6	50
N-Nitrosodi-n-propylamine	ND		2.15	1.32		mg/kg dry	✱	62	24 - 120	7	50
Pentachlorophenol	ND		2.15	1.35		mg/kg dry	✱	63	19 - 145	1	50
Phenanthrene	1.30		2.15	3.19	R2	mg/kg dry	✱	88	21 - 122	81	50
Phenol	ND		2.15	1.12		mg/kg dry	✱	52	15 - 120	15	50
Pyrene	1.12		2.15	3.36	R2	mg/kg dry	✱	104	20 - 123	90	50
2,4,5-Trichlorophenol	ND		2.15	1.11		mg/kg dry	✱	52	27 - 120	7	50
2,4,6-Trichlorophenol	ND		2.15	1.43		mg/kg dry	✱	67	24 - 122	7	50

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Matrix Spike Dup Limits
2-Fluorophenol	44		17 - 120
Phenol-d5	44		18 - 120
2-Fluorobiphenyl	50		14 - 120
Nitrobenzene-d5	50		17 - 120
Terphenyl-d14	69		18 - 120
2,4,6-Tribromophenol	53		19 - 120

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Lab Sample ID: 12D1560-BLK1

Matrix: Soil

Analysis Batch: V005811

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1560_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/kg wet		04/09/12 14:30	04/09/12 19:58	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Butanol	115		60 - 140				04/09/12 14:30	04/09/12 19:58	1.00

Lab Sample ID: 12D1560-BS1

Matrix: Soil

Analysis Batch: V005811

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1560_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Glycol	50.0	43.8		mg/kg wet		88	70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8015B - Glycols by EPA Method 8015 (modified) (Continued)

Lab Sample ID: 12D1560-BS1
Matrix: Soil
Analysis Batch: V005811

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12D1560_P

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
n-Butanol	100		70 - 130

Lab Sample ID: 12D1560-MS1
Matrix: Soil
Analysis Batch: V005811

Client Sample ID: TP-15-S0-040612-05
Prep Type: Total
Prep Batch: 12D1560_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Ethylene Glycol	ND		64.8	64.1		mg/kg dry	☼	99	55 - 132
Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits						
n-Butanol	96		58 - 130						

Lab Sample ID: 12D1560-MSD1
Matrix: Soil
Analysis Batch: V005811

Client Sample ID: TP-15-S0-040612-05
Prep Type: Total
Prep Batch: 12D1560_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Ethylene Glycol	ND		64.8	61.6		mg/kg dry	☼	95	55 - 132	4	36
Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits								
n-Butanol	87		58 - 130								

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Lab Sample ID: 12D1441-BLK1
Matrix: Soil
Analysis Batch: V005978

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12D1441_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0333	0.0210	mg/kg wet		04/11/12 13:31	04/13/12 04:11	1.00
PCB-1221	ND		0.0333	0.0170	mg/kg wet		04/11/12 13:31	04/13/12 04:11	1.00
PCB-1232	ND		0.0333	0.0170	mg/kg wet		04/11/12 13:31	04/13/12 04:11	1.00
PCB-1242	ND		0.0333	0.0260	mg/kg wet		04/11/12 13:31	04/13/12 04:11	1.00
PCB-1248	ND		0.0333	0.0300	mg/kg wet		04/11/12 13:31	04/13/12 04:11	1.00
PCB-1254	ND		0.0333	0.0170	mg/kg wet		04/11/12 13:31	04/13/12 04:11	1.00
PCB-1260	ND		0.0333	0.0280	mg/kg wet		04/11/12 13:31	04/13/12 04:11	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac			
Tetrachloro-meta-xylene	96		19 - 147	04/11/12 13:31	04/13/12 04:11	1.00			
Decachlorobiphenyl	90		20 - 150	04/11/12 13:31	04/13/12 04:11	1.00			

Lab Sample ID: 12D1441-BS1
Matrix: Soil
Analysis Batch: V005978

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12D1441_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1260	0.167	0.159		mg/kg wet		96	52 - 150

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Lab Sample ID: 12D1441-BS1

Matrix: Soil

Analysis Batch: V005978

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1441_P

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-meta-xylene	102		19 - 147
Decachlorobiphenyl	98		20 - 150

Lab Sample ID: 12D1441-MS1

Matrix: Soil

Analysis Batch: V005978

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D1441_P

	Sample	Sample	Spike	Matrix Spike	Matrix Spike			%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
PCB-1260	ND		0.214	0.250		mg/kg dry	☼	117	37 - 159	
Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits							
Tetrachloro-meta-xylene	78		19 - 147							
Decachlorobiphenyl	112		20 - 150							

Lab Sample ID: 12D1441-MSD1

Matrix: Soil

Analysis Batch: V005978

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D1441_P

	Sample	Sample	Spike	Matrix Spike Dup	Matrix Spike Dup				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		Limit
PCB-1260	ND		0.215	0.318		mg/kg dry	☼	148	37 - 159	24	37

Method: SW846 6010B - Total Metals by EPA Method 6010B

Lab Sample ID: 12D1752-BLK1

Matrix: Soil

Analysis Batch: 12D1752

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1752_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.1	0.778	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Arsenic	ND		1.01	0.505	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Barium	ND		2.02	0.606	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Beryllium	ND		1.01	0.505	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Cadmium	ND		1.01	0.0606	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Chromium	ND		1.01	0.505	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Cobalt	ND		3.03	0.253	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Copper	ND		2.02	1.31	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Lead	ND		1.01	0.505	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Manganese	ND		3.03	2.53	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Nickel	ND		2.02	0.253	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Selenium	ND		2.02	1.01	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Silver	ND		1.01	0.202	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Thallium	ND		2.02	0.404	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Vanadium	ND		10.1	2.25	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Zinc	ND		10.1	5.05	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Lab Sample ID: 12D1752-BS1

Matrix: Soil

Analysis Batch: 12D1752

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1752_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	40.4	40.5		mg/kg wet		100	80 - 120
Arsenic	20.2	18.5		mg/kg wet		91	80 - 120
Barium	808	765		mg/kg wet		95	80 - 120
Beryllium	20.2	20.2		mg/kg wet		100	80 - 120
Cadmium	20.2	20.6		mg/kg wet		102	80 - 120
Chromium	80.8	79.4		mg/kg wet		98	80 - 120
Cobalt	202	209		mg/kg wet		103	80 - 120
Copper	101	104		mg/kg wet		103	80 - 120
Lead	20.2	20.7		mg/kg wet		103	80 - 120
Manganese	202	206		mg/kg wet		102	80 - 120
Nickel	202	206		mg/kg wet		102	80 - 120
Selenium	20.2	17.9		mg/kg wet		88	80 - 120
Silver	20.2	19.5		mg/kg wet		97	75 - 125
Thallium	20.2	17.2		mg/kg wet		85	80 - 120
Vanadium	202	204		mg/kg wet		101	80 - 120
Zinc	202	201		mg/kg wet		99	80 - 120

Lab Sample ID: 12D1752-MS1

Matrix: Soil

Analysis Batch: 12D1752

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D1752_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	20.2		50.5	64.2		mg/kg dry	☼	87	75 - 125
Arsenic	11.3		25.2	32.6		mg/kg dry	☼	84	75 - 125
Barium	878		1010	1910		mg/kg dry	☼	103	75 - 125
Beryllium	0.646	J	25.2	24.5		mg/kg dry	☼	95	75 - 125
Cadmium	5.56		25.2	29.1		mg/kg dry	☼	93	75 - 125
Chromium	49.5		101	170		mg/kg dry	☼	120	75 - 125
Cobalt	12.6		252	269		mg/kg dry	☼	101	75 - 125
Copper	38.8		126	153		mg/kg dry	☼	91	75 - 125
Lead	564	MHA	25.2	692	MHA	mg/kg dry	☼	509	75 - 125
Manganese	1170	M8	252	862	M8	mg/kg dry	☼	-123	75 - 125
Nickel	36.4		252	282		mg/kg dry	☼	97	75 - 125
Selenium	2.25	J	25.2	24.5		mg/kg dry	☼	88	75 - 125
Silver	0.284	J	25.2	24.9		mg/kg dry	☼	97	75 - 125
Thallium	ND		25.2	18.9		mg/kg dry	☼	75	75 - 125
Vanadium	30.0		252	272		mg/kg dry	☼	96	75 - 125
Zinc	319		252	619		mg/kg dry	☼	119	75 - 125

Lab Sample ID: 12D1752-MS2

Matrix: Soil

Analysis Batch: 12D1752

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1752_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		49.6	46.6		mg/kg dry	☼	94	75 - 125
Arsenic	7.47		24.8	28.1		mg/kg dry	☼	83	75 - 125
Barium	144		992	1030		mg/kg dry	☼	89	75 - 125
Beryllium	0.925		24.8	24.6		mg/kg dry	☼	95	75 - 125
Cadmium	0.400		24.8	23.3		mg/kg dry	☼	92	75 - 125
Chromium	16.5		99.2	112		mg/kg dry	☼	97	75 - 125

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Lab Sample ID: 12D1752-MS2

Matrix: Soil

Analysis Batch: 12D1752

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1752_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Cobalt	9.95		248	271		mg/kg dry	☼	105	75 - 125
Copper	18.9		124	137		mg/kg dry	☼	95	75 - 125
Lead	16.5		24.8	35.7		mg/kg dry	☼	77	75 - 125
Manganese	836		248	1030		mg/kg dry	☼	79	75 - 125
Nickel	27.9		248	289		mg/kg dry	☼	105	75 - 125
Selenium	1.50		24.8	22.5		mg/kg dry	☼	85	75 - 125
Silver	ND		24.8	23.1		mg/kg dry	☼	93	75 - 125
Thallium	ND		24.8	21.2		mg/kg dry	☼	85	75 - 125
Vanadium	23.0		248	263		mg/kg dry	☼	97	75 - 125
Zinc	69.0		248	303		mg/kg dry	☼	94	75 - 125

Lab Sample ID: 12D1752-MSD1

Matrix: Soil

Analysis Batch: 12D1752

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D1752_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Antimony	20.2		52.0	62.3		mg/kg dry	☼	81	75 - 125	3	20
Arsenic	11.3		26.0	32.0		mg/kg dry	☼	80	75 - 125	2	20
Barium	878		1040	3050	M7 R3	mg/kg dry	☼	208	75 - 125	46	20
Beryllium	0.646	J	26.0	25.5		mg/kg dry	☼	95	75 - 125	4	20
Cadmium	5.56		26.0	28.7		mg/kg dry	☼	89	75 - 125	1	20
Chromium	49.5		104	140		mg/kg dry	☼	87	75 - 125	20	20
Cobalt	12.6		260	276		mg/kg dry	☼	101	75 - 125	3	20
Copper	38.8		130	165		mg/kg dry	☼	97	75 - 125	7	20
Lead	564	MHA	26.0	477	MHA R3	mg/kg dry	☼	-334	75 - 125	37	20
Manganese	1170	M8	260	906	M8	mg/kg dry	☼	-102	75 - 125	5	20
Nickel	36.4		260	292		mg/kg dry	☼	98	75 - 125	3	20
Selenium	2.25	J	26.0	26.0		mg/kg dry	☼	91	75 - 125	6	20
Silver	0.284	J	26.0	25.5		mg/kg dry	☼	97	75 - 125	2	20
Thallium	ND		26.0	20.6		mg/kg dry	☼	79	75 - 125	9	20
Vanadium	30.0		260	275		mg/kg dry	☼	94	75 - 125	1	20
Zinc	319		260	552		mg/kg dry	☼	89	75 - 125	11	20

Lab Sample ID: 12D1752-MSD2

Matrix: Soil

Analysis Batch: 12D1752

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1752_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Antimony	ND		48.8	44.5		mg/kg dry	☼	91	75 - 125	5	20
Arsenic	7.47		24.4	29.3		mg/kg dry	☼	90	75 - 125	4	20
Barium	144		976	1010		mg/kg dry	☼	88	75 - 125	2	20
Beryllium	0.925		24.4	23.5		mg/kg dry	☼	92	75 - 125	5	20
Cadmium	0.400		24.4	22.5		mg/kg dry	☼	91	75 - 125	3	20
Chromium	16.5		97.6	108		mg/kg dry	☼	94	75 - 125	4	20
Cobalt	9.95		244	262		mg/kg dry	☼	103	75 - 125	3	20
Copper	18.9		122	132		mg/kg dry	☼	92	75 - 125	4	20
Lead	16.5		24.4	41.3		mg/kg dry	☼	102	75 - 125	15	20
Manganese	836		244	1050		mg/kg dry	☼	87	75 - 125	1	20
Nickel	27.9		244	282		mg/kg dry	☼	104	75 - 125	3	20
Selenium	1.50		24.4	21.5		mg/kg dry	☼	82	75 - 125	4	20

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Lab Sample ID: 12D1752-MSD2

Matrix: Soil

Analysis Batch: 12D1752

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1752_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	ND		24.4	22.3		mg/kg dry	✱	92	75 - 125	3	20
Thallium	ND		24.4	19.6		mg/kg dry	✱	81	75 - 125	7	20
Vanadium	23.0		244	257		mg/kg dry	✱	96	75 - 125	2	20
Zinc	69.0		244	294		mg/kg dry	✱	92	75 - 125	3	20

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Lab Sample ID: 12D1690-BLK1

Matrix: Soil

Analysis Batch: 12D1690

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1690_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.025	mg/kg wet		04/11/12 14:00	04/12/12 11:25	1.0

Lab Sample ID: 12D1690-BS1

Matrix: Soil

Analysis Batch: 12D1690

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1690_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.166	0.17		mg/kg wet		103	80 - 120

Lab Sample ID: 12D1690-MS1

Matrix: Soil

Analysis Batch: 12D1690

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D1690_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.15		0.217	0.39		mg/kg dry	✱	111	75 - 125

Lab Sample ID: 12D1690-MSD1

Matrix: Soil

Analysis Batch: 12D1690

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D1690_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.15		0.212	0.40		mg/kg dry	✱	118	75 - 125	2	20

Method: SW846 7196A - General Chemistry Parameters

Lab Sample ID: 12D2486-BLK1

Matrix: Soil

Analysis Batch: 12D2486

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D2486_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.00	1.00	mg/kg wet		04/13/12 09:00	04/14/12 09:30	1.00

Lab Sample ID: 12D2486-BS1

Matrix: Soil

Analysis Batch: 12D2486

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D2486_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	40.0	37.2		mg/kg wet		93	80 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 7196A - General Chemistry Parameters (Continued)

Lab Sample ID: 12D2486-MS1

Matrix: Soil

Analysis Batch: 12D2486

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D2486_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	ND		51.8	47.8		mg/kg dry	☼	92	75 - 125

Lab Sample ID: 12D2486-MSD1

Matrix: Soil

Analysis Batch: 12D2486

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D2486_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium (VI)	ND		51.8	47.3		mg/kg dry	☼	91	75 - 125	1	20

Lab Sample ID: 12D2486-DUP1

Matrix: Soil

Analysis Batch: 12D2486

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D2486_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Chromium (VI)	ND		ND		mg/kg dry	☼		20

Method: SW846 9012B - General Chemistry Parameters

Lab Sample ID: 12D2858-BLK1

Matrix: Soil

Analysis Batch: 12D2858

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D2858_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.00	1.00	mg/kg wet		04/14/12 09:04	04/19/12 06:43	1.00

Lab Sample ID: 12D2858-BS1

Matrix: Soil

Analysis Batch: 12D2858

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D2858_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	5.00	5.30		mg/kg wet		106	80 - 120

Lab Sample ID: 12D2858-MS1

Matrix: Soil

Analysis Batch: 12D2858

Client Sample ID: TP-02-SS-040512-00

Prep Type: Total

Prep Batch: 12D2858_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	ND		6.25	6.97		mg/kg dry	☼	112	71 - 132

Lab Sample ID: 12D2858-MSD1

Matrix: Soil

Analysis Batch: 12D2858

Client Sample ID: TP-02-SS-040512-00

Prep Type: Total

Prep Batch: 12D2858_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide	ND		6.25	6.77		mg/kg dry	☼	108	71 - 132	3	19

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method: SW846 9012B - General Chemistry Parameters (Continued)

Lab Sample ID: 12D2858-DUP1

Matrix: Soil

Analysis Batch: 12D2858

Client Sample ID: TP-04-SS-040512-00

Prep Type: Total

Prep Batch: 12D2858_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	Limit
Cyanide	ND		ND		mg/kg dry	✖		19

Method: SW-846 - General Chemistry Parameters

Lab Sample ID: 12D1951-DUP1

Matrix: Soil

Analysis Batch: 12D1951

Client Sample ID: TP-15-S0-040612-05

Prep Type: Total

Prep Batch: 12D1951_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	Limit
% Dry Solids	77.2		78.5		%		2	20

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

GCMS Volatiles

Analysis Batch: V006136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1565-BLK1	Method Blank	Total	Water	SW846 8260B	12D1565_P
12D1565-BS1	Lab Control Sample	Total	Water	SW846 8260B	12D1565_P
NWD0861-09	Trip Blank	Total	Water	SW846 8260B	12D1565_P

Analysis Batch: V006231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1446-BLK1	Method Blank	Total	Soil	SW846 8260B	12D1446_P
12D1446-BLK2	Method Blank	Total	Soil	SW846 8260B	12D1446_P
12D1446-BS1	Lab Control Sample	Total	Soil	SW846 8260B	12D1446_P
12D1446-BSD1	Lab Control Sample Dup	Total	Soil	SW846 8260B	12D1446_P
12D1446-MS1	TP-15-S0-040612-05	Total	Soil	SW846 8260B	12D1446_P
12D1446-MSD1	TP-15-S0-040612-05	Total	Soil	SW846 8260B	12D1446_P
NWD0861-01	TP-02-SS-040512-00	Total	Soil	SW846 8260B	12D1446_P
NWD0861-02	TP-04-SS-040512-00	Total	Soil	SW846 8260B	12D1446_P
NWD0861-03	TP-08-SS-040612-00	Total	Soil	SW846 8260B	12D1446_P
NWD0861-04	TP-08-S0-040612-04	Total	Soil	SW846 8260B	12D1446_P
NWD0861-05	TP-14-SS-040612-00	Total	Soil	SW846 8260B	12D1446_P
NWD0861-06	TP-14-S0-040612-06	Total	Soil	SW846 8260B	12D1446_P
NWD0861-07	TP-15-SS-040612-00	Total	Soil	SW846 8260B	12D1446_P
NWD0861-08	TP-15-S0-040612-05	Total	Soil	SW846 8260B	12D1446_P

Prep Batch: 12D1446_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1446-BLK1	Method Blank	Total	Soil	EPA 5035	
12D1446-BLK2	Method Blank	Total	Soil	EPA 5035	
12D1446-BS1	Lab Control Sample	Total	Soil	EPA 5035	
12D1446-BSD1	Lab Control Sample Dup	Total	Soil	EPA 5035	
12D1446-MS1	TP-15-S0-040612-05	Total	Soil	EPA 5035	
12D1446-MSD1	TP-15-S0-040612-05	Total	Soil	EPA 5035	
NWD0861-01	TP-02-SS-040512-00	Total	Soil	EPA 5035	
NWD0861-02	TP-04-SS-040512-00	Total	Soil	EPA 5035	
NWD0861-03	TP-08-SS-040612-00	Total	Soil	EPA 5035	
NWD0861-04	TP-08-S0-040612-04	Total	Soil	EPA 5035	
NWD0861-05	TP-14-SS-040612-00	Total	Soil	EPA 5035	
NWD0861-06	TP-14-S0-040612-06	Total	Soil	EPA 5035	
NWD0861-07	TP-15-SS-040612-00	Total	Soil	EPA 5035	
NWD0861-08	TP-15-S0-040612-05	Total	Soil	EPA 5035	

Prep Batch: 12D1565_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1565-BLK1	Method Blank	Total	Water	EPA 5030B	
12D1565-BS1	Lab Control Sample	Total	Water	EPA 5030B	
NWD0861-09	Trip Blank	Total	Water	EPA 5030B	

GCMS Semivolatiles

Analysis Batch: 12D2846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2846-BLK1	Method Blank	Total	Soil	SW846 8270C	12D2846_P
12D2846-BS1	Lab Control Sample	Total	Soil	SW846 8270C	12D2846_P
12D2846-BS2	Lab Control Sample	Total	Soil	SW846 8270C	12D2846_P
12D2846-MS1	TP-15-S0-040612-05	Total	Soil	SW846 8270C	12D2846_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

GCMS Semivolatiles (Continued)

Analysis Batch: 12D2846 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2846-MSD1	TP-15-S0-040612-05	Total	Soil	SW846 8270C	12D2846_P
NWD0861-01 - RE1	TP-02-SS-040512-00	Total	Soil	SW846 8270C	12D2846_P
NWD0861-02 - RE1	TP-04-SS-040512-00	Total	Soil	SW846 8270C	12D2846_P
NWD0861-03 - RE1	TP-08-SS-040612-00	Total	Soil	SW846 8270C	12D2846_P
NWD0861-04 - RE1	TP-08-S0-040612-04	Total	Soil	SW846 8270C	12D2846_P
NWD0861-05 - RE1	TP-14-SS-040612-00	Total	Soil	SW846 8270C	12D2846_P
NWD0861-06 - RE1	TP-14-S0-040612-06	Total	Soil	SW846 8270C	12D2846_P
NWD0861-07 - RE1	TP-15-SS-040612-00	Total	Soil	SW846 8270C	12D2846_P
NWD0861-08 - RE1	TP-15-S0-040612-05	Total	Soil	SW846 8270C	12D2846_P
NWD0861-08 - RE2	TP-15-S0-040612-05	Total	Soil	SW846 8270C	12D2846_P

Analysis Batch: 12D3223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D3223-BLK1	Method Blank	Total	Soil	SW846 8270C	12D3223_P
12D3223-BS1	Lab Control Sample	Total	Soil	SW846 8270C	12D3223_P
12D3223-BS2	Lab Control Sample	Total	Soil	SW846 8270C	12D3223_P
12D3223-MS1	TP-15-S0-040612-05	Total	Soil	SW846 8270C	12D3223_P
12D3223-MSD1	TP-15-S0-040612-05	Total	Soil	SW846 8270C	12D3223_P
NWD0861-04 - RE2	TP-08-S0-040612-04	Total	Soil	SW846 8270C	12D3223_P
NWD0861-05 - RE2	TP-14-SS-040612-00	Total	Soil	SW846 8270C	12D3223_P
NWD0861-05 - RE3	TP-14-SS-040612-00	Total	Soil	SW846 8270C	12D3223_P
NWD0861-06 - RE2	TP-14-S0-040612-06	Total	Soil	SW846 8270C	12D3223_P

Prep Batch: 12D2846_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2846-BLK1	Method Blank	Total	Soil	EPA 3550B	
12D2846-BS1	Lab Control Sample	Total	Soil	EPA 3550B	
12D2846-BS2	Lab Control Sample	Total	Soil	EPA 3550B	
12D2846-MS1	TP-15-S0-040612-05	Total	Soil	EPA 3550B	
12D2846-MSD1	TP-15-S0-040612-05	Total	Soil	EPA 3550B	
NWD0861-01 - RE1	TP-02-SS-040512-00	Total	Soil	EPA 3550B	
NWD0861-02 - RE1	TP-04-SS-040512-00	Total	Soil	EPA 3550B	
NWD0861-03 - RE1	TP-08-SS-040612-00	Total	Soil	EPA 3550B	
NWD0861-04 - RE1	TP-08-S0-040612-04	Total	Soil	EPA 3550B	
NWD0861-05 - RE1	TP-14-SS-040612-00	Total	Soil	EPA 3550B	
NWD0861-06 - RE1	TP-14-S0-040612-06	Total	Soil	EPA 3550B	
NWD0861-07 - RE1	TP-15-SS-040612-00	Total	Soil	EPA 3550B	
NWD0861-08 - RE1	TP-15-S0-040612-05	Total	Soil	EPA 3550B	
NWD0861-08 - RE2	TP-15-S0-040612-05	Total	Soil	EPA 3550B	

Prep Batch: 12D3223_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D3223-BLK1	Method Blank	Total	Soil	EPA 3550B	
12D3223-BS1	Lab Control Sample	Total	Soil	EPA 3550B	
12D3223-BS2	Lab Control Sample	Total	Soil	EPA 3550B	
12D3223-MS1	TP-15-S0-040612-05	Total	Soil	EPA 3550B	
12D3223-MSD1	TP-15-S0-040612-05	Total	Soil	EPA 3550B	
NWD0861-04 - RE2	TP-08-S0-040612-04	Total	Soil	EPA 3550B	
NWD0861-05 - RE2	TP-14-SS-040612-00	Total	Soil	EPA 3550B	
NWD0861-05 - RE3	TP-14-SS-040612-00	Total	Soil	EPA 3550B	
NWD0861-06 - RE2	TP-14-S0-040612-06	Total	Soil	EPA 3550B	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Pesticides

Analysis Batch: V005811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1560-BLK1	Method Blank	Total	Soil	SW846 8015B	12D1560_P
12D1560-BS1	Lab Control Sample	Total	Soil	SW846 8015B	12D1560_P
12D1560-MS1	TP-15-S0-040612-05	Total	Soil	SW846 8015B	12D1560_P
12D1560-MSD1	TP-15-S0-040612-05	Total	Soil	SW846 8015B	12D1560_P
NWD0861-01	TP-02-SS-040512-00	Total	Soil	SW846 8015B	12D1560_P
NWD0861-02	TP-04-SS-040512-00	Total	Soil	SW846 8015B	12D1560_P
NWD0861-03	TP-08-SS-040612-00	Total	Soil	SW846 8015B	12D1560_P
NWD0861-04	TP-08-S0-040612-04	Total	Soil	SW846 8015B	12D1560_P
NWD0861-05	TP-14-SS-040612-00	Total	Soil	SW846 8015B	12D1560_P
NWD0861-06	TP-14-S0-040612-06	Total	Soil	SW846 8015B	12D1560_P
NWD0861-07	TP-15-SS-040612-00	Total	Soil	SW846 8015B	12D1560_P
NWD0861-08	TP-15-S0-040612-05	Total	Soil	SW846 8015B	12D1560_P

Analysis Batch: V005978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1441-BLK1	Method Blank	Total	Soil	SW846 8082	12D1441_P
12D1441-BS1	Lab Control Sample	Total	Soil	SW846 8082	12D1441_P
12D1441-MS1	TP-15-S0-040612-05	Total	Soil	SW846 8082	12D1441_P
12D1441-MSD1	TP-15-S0-040612-05	Total	Soil	SW846 8082	12D1441_P
NWD0861-01	TP-02-SS-040512-00	Total	Soil	SW846 8082	12D1441_P
NWD0861-02	TP-04-SS-040512-00	Total	Soil	SW846 8082	12D1441_P
NWD0861-03	TP-08-SS-040612-00	Total	Soil	SW846 8082	12D1441_P
NWD0861-04	TP-08-S0-040612-04	Total	Soil	SW846 8082	12D1441_P
NWD0861-05	TP-14-SS-040612-00	Total	Soil	SW846 8082	12D1441_P
NWD0861-06	TP-14-S0-040612-06	Total	Soil	SW846 8082	12D1441_P
NWD0861-07	TP-15-SS-040612-00	Total	Soil	SW846 8082	12D1441_P
NWD0861-08	TP-15-S0-040612-05	Total	Soil	SW846 8082	12D1441_P

Prep Batch: 12D1441_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1441-BLK1	Method Blank	Total	Soil	EPA 3550B/3665A	12D1441_P
12D1441-BS1	Lab Control Sample	Total	Soil	EPA 3550B/3665A	
12D1441-MS1	TP-15-S0-040612-05	Total	Soil	EPA 3550B/3665A	12D1441_P
12D1441-MSD1	TP-15-S0-040612-05	Total	Soil	EPA 3550B/3665A	
NWD0861-01	TP-02-SS-040512-00	Total	Soil	EPA 3550B/3665A	12D1441_P
NWD0861-02	TP-04-SS-040512-00	Total	Soil	EPA 3550B/3665A	
NWD0861-03	TP-08-SS-040612-00	Total	Soil	EPA 3550B/3665A	12D1441_P
NWD0861-04	TP-08-S0-040612-04	Total	Soil	EPA 3550B/3665A	
NWD0861-05	TP-14-SS-040612-00	Total	Soil	EPA 3550B/3665A	12D1441_P
NWD0861-06	TP-14-S0-040612-06	Total	Soil	EPA 3550B/3665A	
NWD0861-07	TP-15-SS-040612-00	Total	Soil	EPA 3550B/3665A	12D1441_P
NWD0861-08	TP-15-S0-040612-05	Total	Soil	EPA 3550B/3665A	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Pesticides (Continued)

Prep Batch: 12D1560_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1560-BLK1	Method Blank	Total	Soil	NO PREP-PEST	
12D1560-BS1	Lab Control Sample	Total	Soil	NO PREP-PEST	
12D1560-MS1	TP-15-S0-040612-05	Total	Soil	NO PREP-PEST	
12D1560-MSD1	TP-15-S0-040612-05	Total	Soil	NO PREP-PEST	
NWD0861-01	TP-02-SS-040512-00	Total	Soil	NO PREP-PEST	
NWD0861-02	TP-04-SS-040512-00	Total	Soil	NO PREP-PEST	
NWD0861-03	TP-08-SS-040612-00	Total	Soil	NO PREP-PEST	
NWD0861-04	TP-08-S0-040612-04	Total	Soil	NO PREP-PEST	
NWD0861-05	TP-14-SS-040612-00	Total	Soil	NO PREP-PEST	
NWD0861-06	TP-14-S0-040612-06	Total	Soil	NO PREP-PEST	
NWD0861-07	TP-15-SS-040612-00	Total	Soil	NO PREP-PEST	
NWD0861-08	TP-15-S0-040612-05	Total	Soil	NO PREP-PEST	

Metals

Analysis Batch: 12D1690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1690-BLK1	Method Blank	Total	Soil	SW846 7471A	12D1690_P
12D1690-BS1	Lab Control Sample	Total	Soil	SW846 7471A	12D1690_P
12D1690-MS1	TP-15-S0-040612-05	Total	Soil	SW846 7471A	12D1690_P
12D1690-MSD1	TP-15-S0-040612-05	Total	Soil	SW846 7471A	12D1690_P
NWD0861-01	TP-02-SS-040512-00	Total	Soil	SW846 7471A	12D1690_P
NWD0861-02	TP-04-SS-040512-00	Total	Soil	SW846 7471A	12D1690_P
NWD0861-03	TP-08-SS-040612-00	Total	Soil	SW846 7471A	12D1690_P
NWD0861-04	TP-08-S0-040612-04	Total	Soil	SW846 7471A	12D1690_P
NWD0861-05	TP-14-SS-040612-00	Total	Soil	SW846 7471A	12D1690_P
NWD0861-06	TP-14-S0-040612-06	Total	Soil	SW846 7471A	12D1690_P
NWD0861-07	TP-15-SS-040612-00	Total	Soil	SW846 7471A	12D1690_P
NWD0861-08	TP-15-S0-040612-05	Total	Soil	SW846 7471A	12D1690_P

Analysis Batch: 12D1752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1752-BLK1	Method Blank	Total	Soil	SW846 6010B	12D1752_P
12D1752-BS1	Lab Control Sample	Total	Soil	SW846 6010B	12D1752_P
12D1752-MS1	TP-15-S0-040612-05	Total	Soil	SW846 6010B	12D1752_P
12D1752-MS2	Matrix Spike	Total	Soil	SW846 6010B	12D1752_P
12D1752-MSD1	TP-15-S0-040612-05	Total	Soil	SW846 6010B	12D1752_P
12D1752-MSD2	Matrix Spike Duplicate	Total	Soil	SW846 6010B	12D1752_P
NWD0861-01	TP-02-SS-040512-00	Total	Soil	SW846 6010B	12D1752_P
NWD0861-02	TP-04-SS-040512-00	Total	Soil	SW846 6010B	12D1752_P
NWD0861-03	TP-08-SS-040612-00	Total	Soil	SW846 6010B	12D1752_P
NWD0861-04	TP-08-S0-040612-04	Total	Soil	SW846 6010B	12D1752_P
NWD0861-05	TP-14-SS-040612-00	Total	Soil	SW846 6010B	12D1752_P
NWD0861-06	TP-14-S0-040612-06	Total	Soil	SW846 6010B	12D1752_P
NWD0861-07	TP-15-SS-040612-00	Total	Soil	SW846 6010B	12D1752_P
NWD0861-08	TP-15-S0-040612-05	Total	Soil	SW846 6010B	12D1752_P

Prep Batch: 12D1690_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1690-BLK1	Method Blank	Total	Soil	EPA 7471	
12D1690-BS1	Lab Control Sample	Total	Soil	EPA 7471	
12D1690-MS1	TP-15-S0-040612-05	Total	Soil	EPA 7471	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Metals (Continued)

Prep Batch: 12D1690_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1690-MSD1	TP-15-S0-040612-05	Total	Soil	EPA 7471	
NWD0861-01	TP-02-SS-040512-00	Total	Soil	EPA 7471	
NWD0861-02	TP-04-SS-040512-00	Total	Soil	EPA 7471	
NWD0861-03	TP-08-SS-040612-00	Total	Soil	EPA 7471	
NWD0861-04	TP-08-S0-040612-04	Total	Soil	EPA 7471	
NWD0861-05	TP-14-SS-040612-00	Total	Soil	EPA 7471	
NWD0861-06	TP-14-S0-040612-06	Total	Soil	EPA 7471	
NWD0861-07	TP-15-SS-040612-00	Total	Soil	EPA 7471	
NWD0861-08	TP-15-S0-040612-05	Total	Soil	EPA 7471	

Prep Batch: 12D1752_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1752-BLK1	Method Blank	Total	Soil	EPA 3051A/6010	
12D1752-BS1	Lab Control Sample	Total	Soil	EPA 3051A/6010	
12D1752-MS1	TP-15-S0-040612-05	Total	Soil	EPA 3051A/6010	
12D1752-MS2	Matrix Spike	Total	Soil	EPA 3051A/6010	
12D1752-MSD1	TP-15-S0-040612-05	Total	Soil	EPA 3051A/6010	
12D1752-MSD2	Matrix Spike Duplicate	Total	Soil	EPA 3051A/6010	
NWD0861-01	TP-02-SS-040512-00	Total	Soil	EPA 3051A/6010	
NWD0861-02	TP-04-SS-040512-00	Total	Soil	EPA 3051A/6010	
NWD0861-03	TP-08-SS-040612-00	Total	Soil	EPA 3051A/6010	
NWD0861-04	TP-08-S0-040612-04	Total	Soil	EPA 3051A/6010	
NWD0861-05	TP-14-SS-040612-00	Total	Soil	EPA 3051A/6010	
NWD0861-06	TP-14-S0-040612-06	Total	Soil	EPA 3051A/6010	
NWD0861-07	TP-15-SS-040612-00	Total	Soil	EPA 3051A/6010	
NWD0861-08	TP-15-S0-040612-05	Total	Soil	EPA 3051A/6010	

WetChem

Analysis Batch: 12D2486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2486-BLK1	Method Blank	Total	Soil	SW846 7196A	12D2486_P
12D2486-BS1	Lab Control Sample	Total	Soil	SW846 7196A	12D2486_P
12D2486-DUP1	TP-15-S0-040612-05	Total	Soil	SW846 7196A	12D2486_P
12D2486-MS1	TP-15-S0-040612-05	Total	Soil	SW846 7196A	12D2486_P
12D2486-MSD1	TP-15-S0-040612-05	Total	Soil	SW846 7196A	12D2486_P
12D2486-PS1	TP-15-S0-040612-05	Total	Soil	SW846 7196A	12D2486_P
NWD0861-01	TP-02-SS-040512-00	Total	Soil	SW846 7196A	12D2486_P
NWD0861-02	TP-04-SS-040512-00	Total	Soil	SW846 7196A	12D2486_P
NWD0861-03	TP-08-SS-040612-00	Total	Soil	SW846 7196A	12D2486_P
NWD0861-04	TP-08-S0-040612-04	Total	Soil	SW846 7196A	12D2486_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

WetChem (Continued)

Analysis Batch: 12D2486 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0861-05	TP-14-SS-040612-00	Total	Soil	SW846 7196A	12D2486_P
NWD0861-06	TP-14-S0-040612-06	Total	Soil	SW846 7196A	12D2486_P
NWD0861-07	TP-15-SS-040612-00	Total	Soil	SW846 7196A	12D2486_P
NWD0861-08	TP-15-S0-040612-05	Total	Soil	SW846 7196A	12D2486_P

Analysis Batch: 12D2858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2858-BLK1	Method Blank	Total	Soil	SW846 9012B	12D2858_P
12D2858-BS1	Lab Control Sample	Total	Soil	SW846 9012B	12D2858_P
12D2858-DUP1	TP-04-SS-040512-00	Total	Soil	SW846 9012B	12D2858_P
12D2858-MS1	TP-02-SS-040512-00	Total	Soil	SW846 9012B	12D2858_P
12D2858-MSD1	TP-02-SS-040512-00	Total	Soil	SW846 9012B	12D2858_P
NWD0861-01 - RE1	TP-02-SS-040512-00	Total	Soil	SW846 9012B	12D2858_P
NWD0861-02 - RE1	TP-04-SS-040512-00	Total	Soil	SW846 9012B	12D2858_P
NWD0861-03 - RE1	TP-08-SS-040612-00	Total	Soil	SW846 9012B	12D2858_P
NWD0861-04 - RE1	TP-08-S0-040612-04	Total	Soil	SW846 9012B	12D2858_P
NWD0861-05 - RE1	TP-14-SS-040612-00	Total	Soil	SW846 9012B	12D2858_P
NWD0861-06 - RE1	TP-14-S0-040612-06	Total	Soil	SW846 9012B	12D2858_P
NWD0861-07 - RE1	TP-15-SS-040612-00	Total	Soil	SW846 9012B	12D2858_P
NWD0861-08 - RE1	TP-15-S0-040612-05	Total	Soil	SW846 9012B	12D2858_P

Prep Batch: 12D2486_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2486-BLK1	Method Blank	Total	Soil	NO PREP	
12D2486-BS1	Lab Control Sample	Total	Soil	NO PREP	
12D2486-DUP1	TP-15-S0-040612-05	Total	Soil	NO PREP	
12D2486-MS1	TP-15-S0-040612-05	Total	Soil	NO PREP	
12D2486-MSD1	TP-15-S0-040612-05	Total	Soil	NO PREP	
12D2486-PS1	TP-15-S0-040612-05	Total	Soil	NO PREP	
NWD0861-01	TP-02-SS-040512-00	Total	Soil	NO PREP	
NWD0861-02	TP-04-SS-040512-00	Total	Soil	NO PREP	
NWD0861-03	TP-08-SS-040612-00	Total	Soil	NO PREP	
NWD0861-04	TP-08-S0-040612-04	Total	Soil	NO PREP	
NWD0861-05	TP-14-SS-040612-00	Total	Soil	NO PREP	
NWD0861-06	TP-14-S0-040612-06	Total	Soil	NO PREP	
NWD0861-07	TP-15-SS-040612-00	Total	Soil	NO PREP	
NWD0861-08	TP-15-S0-040612-05	Total	Soil	NO PREP	

Prep Batch: 12D2858_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2858-BLK1	Method Blank	Total	Soil	NO PREP	
12D2858-BS1	Lab Control Sample	Total	Soil	NO PREP	
12D2858-DUP1	TP-04-SS-040512-00	Total	Soil	NO PREP	
12D2858-MS1	TP-02-SS-040512-00	Total	Soil	NO PREP	
12D2858-MSD1	TP-02-SS-040512-00	Total	Soil	NO PREP	
NWD0861-01 - RE1	TP-02-SS-040512-00	Total	Soil	NO PREP	
NWD0861-02 - RE1	TP-04-SS-040512-00	Total	Soil	NO PREP	
NWD0861-03 - RE1	TP-08-SS-040612-00	Total	Soil	NO PREP	
NWD0861-04 - RE1	TP-08-S0-040612-04	Total	Soil	NO PREP	
NWD0861-05 - RE1	TP-14-SS-040612-00	Total	Soil	NO PREP	
NWD0861-06 - RE1	TP-14-S0-040612-06	Total	Soil	NO PREP	
NWD0861-07 - RE1	TP-15-SS-040612-00	Total	Soil	NO PREP	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

WetChem (Continued)

Prep Batch: 12D2858_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0861-08 - RE1	TP-15-S0-040612-05	Total	Soil	NO PREP	

Extractions

Analysis Batch: 12D1951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1951-DUP1	TP-15-S0-040612-05	Total	Soil	SW-846	12D1951_P
NWD0861-01	TP-02-SS-040512-00	Total	Soil	SW-846	12D1951_P
NWD0861-02	TP-04-SS-040512-00	Total	Soil	SW-846	12D1951_P
NWD0861-03	TP-08-SS-040612-00	Total	Soil	SW-846	12D1951_P
NWD0861-04	TP-08-S0-040612-04	Total	Soil	SW-846	12D1951_P
NWD0861-05	TP-14-SS-040612-00	Total	Soil	SW-846	12D1951_P
NWD0861-06	TP-14-S0-040612-06	Total	Soil	SW-846	12D1951_P
NWD0861-07	TP-15-SS-040612-00	Total	Soil	SW-846	12D1951_P
NWD0861-08	TP-15-S0-040612-05	Total	Soil	SW-846	12D1951_P

Prep Batch: 12D1951_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1951-DUP1	TP-15-S0-040612-05	Total	Soil	% Solids	
NWD0861-01	TP-02-SS-040512-00	Total	Soil	% Solids	
NWD0861-02	TP-04-SS-040512-00	Total	Soil	% Solids	
NWD0861-03	TP-08-SS-040612-00	Total	Soil	% Solids	
NWD0861-04	TP-08-S0-040612-04	Total	Soil	% Solids	
NWD0861-05	TP-14-SS-040612-00	Total	Soil	% Solids	
NWD0861-06	TP-14-S0-040612-06	Total	Soil	% Solids	
NWD0861-07	TP-15-SS-040612-00	Total	Soil	% Solids	
NWD0861-08	TP-15-S0-040612-05	Total	Soil	% Solids	

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-02-SS-040512-00

Lab Sample ID: NWD0861-01

Date Collected: 04/05/12 08:15

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 80

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.787	12D1446_P	04/05/12 08:15	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006231	04/13/12 19:20	MJH /	TAL NSH
Total	Prep	EPA 3550B	RE1	0.979	12D2846_P	04/14/12 11:00	MWT	TAL NSH
Total	Analysis	SW846 8270C	RE1	1.00	12D2846	04/15/12 18:15	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1560_P	04/09/12 14:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005811	04/09/12 20:59	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.976	12D1441_P	04/11/12 13:31	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005978	04/13/12 05:37	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.982	12D1752_P	04/12/12 11:13	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1752	04/16/12 17:30	LTB	TAL NSH
Total	Prep	EPA 7471		0.96	12D1690_P	04/10/12 07:40	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1690	04/12/12 11:59	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D2486_P	04/13/12 09:00	AMB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D2486	04/14/12 09:30	CLJ	TAL NSH
Total	Prep	NO PREP	RE1	1.00	12D2858_P	04/17/12 12:22	MLM	TAL NSH
Total	Analysis	SW846 9012B	RE1	1.00	12D2858	04/19/12 06:43	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1951_P	04/11/12 13:05	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1951	04/12/12 12:36	RRS	TAL NSH

Client Sample ID: TP-04-SS-040512-00

Lab Sample ID: NWD0861-02

Date Collected: 04/05/12 12:25

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 83

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.765	12D1446_P	04/05/12 12:25	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006231	04/13/12 19:47	MJH /	TAL NSH
Total	Prep	EPA 3550B	RE1	0.990	12D2846_P	04/14/12 11:00	MWT	TAL NSH
Total	Analysis	SW846 8270C	RE1	1.00	12D2846	04/15/12 18:34	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1560_P	04/09/12 14:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005811	04/09/12 21:14	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.986	12D1441_P	04/11/12 13:31	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005978	04/13/12 05:59	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.996	12D1752_P	04/12/12 11:13	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1752	04/16/12 17:44	LTB	TAL NSH
Total	Prep	EPA 7471		0.97	12D1690_P	04/10/12 07:40	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1690	04/12/12 12:01	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D2486_P	04/13/12 09:00	AMB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D2486	04/14/12 09:30	CLJ	TAL NSH
Total	Prep	NO PREP	RE1	1.00	12D2858_P	04/17/12 12:22	MLM	TAL NSH
Total	Analysis	SW846 9012B	RE1	1.00	12D2858	04/19/12 06:45	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1951_P	04/11/12 13:05	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1951	04/12/12 12:36	RRS	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-08-SS-040612-00

Lab Sample ID: NWD0861-03

Date Collected: 04/06/12 09:22

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.766	12D1446_P	04/06/12 09:22	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006231	04/13/12 20:15	MJH /	TAL NSH
Total	Prep	EPA 3550B	RE1	0.969	12D2846_P	04/14/12 11:00	MWT	TAL NSH
Total	Analysis	SW846 8270C	RE1	1.00	12D2846	04/15/12 18:52	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1560_P	04/09/12 14:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005811	04/09/12 21:30	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.995	12D1441_P	04/11/12 13:31	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005978	04/13/12 06:20	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.986	12D1752_P	04/12/12 11:13	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1752	04/16/12 17:47	LTB	TAL NSH
Total	Prep	EPA 7471		0.97	12D1690_P	04/10/12 07:40	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1690	04/12/12 12:03	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D2486_P	04/13/12 09:00	AMB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D2486	04/14/12 09:30	CLJ	TAL NSH
Total	Prep	NO PREP	RE1	1.00	12D2858_P	04/17/12 12:22	MLM	TAL NSH
Total	Analysis	SW846 9012B	RE1	1.00	12D2858	04/19/12 06:48	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1951_P	04/11/12 13:05	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1951	04/12/12 12:36	RRS	TAL NSH

Client Sample ID: TP-08-S0-040612-04

Lab Sample ID: NWD0861-04

Date Collected: 04/06/12 10:14

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 80.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.781	12D1446_P	04/06/12 10:14	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006231	04/13/12 20:43	MJH /	TAL NSH
Total	Prep	EPA 3550B	RE1	0.996	12D2846_P	04/14/12 11:00	MWT	TAL NSH
Total	Analysis	SW846 8270C	RE1	1.00	12D2846	04/15/12 19:11	KJP	TAL NSH
Total	Prep	EPA 3550B	RE2	0.987	12D3223_P	04/16/12 16:00	JJR	TAL NSH
Total	Analysis	SW846 8270C	RE2	1.00	12D3223	04/17/12 15:59	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1560_P	04/09/12 14:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005811	04/09/12 21:45	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.978	12D1441_P	04/11/12 13:31	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005978	04/13/12 06:42	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.960	12D1752_P	04/12/12 11:13	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1752	04/16/12 17:50	LTB	TAL NSH
Total	Prep	EPA 7471		0.99	12D1690_P	04/10/12 07:40	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1690	04/12/12 12:05	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D2486_P	04/13/12 09:00	AMB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D2486	04/14/12 09:30	CLJ	TAL NSH
Total	Prep	NO PREP	RE1	1.00	12D2858_P	04/17/12 12:22	MLM	TAL NSH
Total	Analysis	SW846 9012B	RE1	1.00	12D2858	04/19/12 06:46	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1951_P	04/11/12 13:05	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1951	04/12/12 12:36	RRS	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-14-SS-040612-00

Lab Sample ID: NWD0861-05

Date Collected: 04/06/12 14:40

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.890	12D1446_P	04/06/12 14:40	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006231	04/13/12 21:11	MJH /	TAL NSH
Total	Prep	EPA 3550B	RE1	0.999	12D2846_P	04/14/12 11:00	MWT	TAL NSH
Total	Analysis	SW846 8270C	RE1	1.00	12D2846	04/15/12 19:29	KJP	TAL NSH
Total	Prep	EPA 3550B	RE2	0.992	12D3223_P	04/16/12 16:00	JJR	TAL NSH
Total	Analysis	SW846 8270C	RE2	1.00	12D3223	04/17/12 16:17	KJP	TAL NSH
Total	Prep	EPA 3550B	RE3	0.992	12D3223_P	04/16/12 16:00	JJR	TAL NSH
Total	Analysis	SW846 8270C	RE3	2.00	12D3223	04/18/12 11:23	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1560_P	04/09/12 14:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005811	04/09/12 22:00	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.995	12D1441_P	04/11/12 13:31	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005978	04/13/12 07:03	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.954	12D1752_P	04/12/12 11:13	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1752	04/16/12 17:53	LTB	TAL NSH
Total	Prep	EPA 7471		1.0	12D1690_P	04/10/12 07:40	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1690	04/12/12 12:42	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D2486_P	04/13/12 09:00	AMB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D2486	04/14/12 09:30	CLJ	TAL NSH
Total	Prep	NO PREP	RE1	1.00	12D2858_P	04/17/12 12:22	MLM	TAL NSH
Total	Analysis	SW846 9012B	RE1	1.00	12D2858	04/19/12 06:47	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1951_P	04/11/12 13:05	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1951	04/12/12 12:36	RRS	TAL NSH

Client Sample ID: TP-14-S0-040612-06

Lab Sample ID: NWD0861-06

Date Collected: 04/06/12 15:23

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 78.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.873	12D1446_P	04/06/12 15:23	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006231	04/13/12 21:39	MJH /	TAL NSH
Total	Prep	EPA 3550B	RE1	0.987	12D2846_P	04/14/12 11:00	MWT	TAL NSH
Total	Analysis	SW846 8270C	RE1	1.00	12D2846	04/15/12 19:48	KJP	TAL NSH
Total	Prep	EPA 3550B	RE2	0.990	12D3223_P	04/16/12 16:00	JJR	TAL NSH
Total	Analysis	SW846 8270C	RE2	1.00	12D3223	04/17/12 16:35	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1560_P	04/09/12 14:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005811	04/09/12 22:16	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.982	12D1441_P	04/11/12 13:31	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005978	04/13/12 07:25	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.952	12D1752_P	04/12/12 11:13	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1752	04/16/12 17:56	LTB	TAL NSH
Total	Prep	EPA 7471		0.96	12D1690_P	04/10/12 07:40	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1690	04/12/12 12:44	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D2486_P	04/13/12 09:00	AMB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D2486	04/14/12 09:30	CLJ	TAL NSH
Total	Prep	NO PREP	RE1	1.00	12D2858_P	04/17/12 12:22	MLM	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-14-S0-040612-06

Lab Sample ID: NWD0861-06

Date Collected: 04/06/12 15:23

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 78.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	SW846 9012B	RE1	1.00	12D2858	04/19/12 06:45	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1951_P	04/11/12 13:05	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1951	04/12/12 12:36	RRS	TAL NSH

Client Sample ID: TP-15-SS-040612-00

Lab Sample ID: NWD0861-07

Date Collected: 04/06/12 11:17

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.831	12D1446_P	04/06/12 11:17	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006231	04/13/12 22:07	MJH /	TAL NSH
Total	Prep	EPA 3550B	RE1	0.998	12D2846_P	04/14/12 11:00	MWT	TAL NSH
Total	Analysis	SW846 8270C	RE1	1.00	12D2846	04/15/12 20:06	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1560_P	04/09/12 14:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005811	04/09/12 22:31	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.989	12D1441_P	04/11/12 13:31	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005978	04/13/12 07:47	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.958	12D1752_P	04/12/12 11:13	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1752	04/16/12 18:00	LTB	TAL NSH
Total	Prep	EPA 7471		0.96	12D1690_P	04/10/12 07:40	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1690	04/12/12 12:46	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D2486_P	04/13/12 09:00	AMB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D2486	04/14/12 09:30	CLJ	TAL NSH
Total	Prep	NO PREP	RE1	1.00	12D2858_P	04/17/12 12:22	MLM	TAL NSH
Total	Analysis	SW846 9012B	RE1	1.00	12D2858	04/19/12 06:48	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1951_P	04/11/12 13:05	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1951	04/12/12 12:36	RRS	TAL NSH

Client Sample ID: TP-15-S0-040612-05

Lab Sample ID: NWD0861-08

Date Collected: 04/06/12 13:30

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 77.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.07	12D1446_P	04/06/12 13:30	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006231	04/13/12 22:35	MJH /	TAL NSH
Total	Prep	EPA 3550B	RE1	0.990	12D2846_P	04/14/12 11:00	MWT	TAL NSH
Total	Analysis	SW846 8270C	RE1	1.00	12D2846	04/15/12 20:25	KJP	TAL NSH
Total	Prep	EPA 3550B	RE2	0.990	12D2846_P	04/14/12 11:00	MWT	TAL NSH
Total	Analysis	SW846 8270C	RE2	2.00	12D2846	04/16/12 11:20	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1560_P	04/09/12 14:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005811	04/09/12 22:46	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.994	12D1441_P	04/11/12 13:31	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005978	04/13/12 08:08	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.998	12D1752_P	04/12/12 11:13	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1752	04/16/12 18:03	LTB	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Client Sample ID: TP-15-S0-040612-05

Lab Sample ID: NWD0861-08

Date Collected: 04/06/12 13:30

Matrix: Soil

Date Received: 04/07/12 08:15

Percent Solids: 77.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 7471		0.96	12D1690_P	04/10/12 07:40	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1690	04/12/12 12:48	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D2486_P	04/13/12 09:00	AMB	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D2486	04/14/12 09:30	CLJ	TAL NSH
Total	Prep	NO PREP	RE1	1.00	12D2858_P	04/17/12 12:22	MLM	TAL NSH
Total	Analysis	SW846 9012B	RE1	1.00	12D2858	04/19/12 06:49	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1951_P	04/11/12 13:05	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1951	04/12/12 12:36	RRS	TAL NSH

Client Sample ID: Trip Blank

Lab Sample ID: NWD0861-09

Date Collected: 04/06/12 00:01

Matrix: Water

Date Received: 04/07/12 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12D1565_P	04/06/12 00:01	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006136	04/12/12 17:59	FKG	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Method Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Method	Method Description	Protocol	Laboratory
SW-846	General Chemistry Parameters		TAL NSH
SW846 8260B	Volatile Organic Compounds by EPA Method 8260B		TAL NSH
SW846 8270C	Semivolatile Organic Compounds by EPA Method 8270C		TAL NSH
SW846 8015B	Glycols by EPA Method 8015 (modified)		TAL NSH
SW846 8082	Polychlorinated Biphenyls by EPA Method 8082		TAL NSH
SW846 6010B	Total Metals by EPA Method 6010B		TAL NSH
SW846 7471A	Mercury by EPA Methods 7470A/7471A		TAL NSH
SW846 7196A	General Chemistry Parameters		TAL NSH
SW846 9012B	General Chemistry Parameters		TAL NSH

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

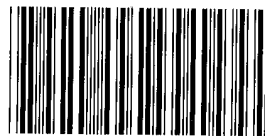
Certification Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0861

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Nashville		ACIL		393
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska (UST)	State Program	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas DEQ	State Program	6	88-0737
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Canadian Assoc Lab Accred (CALA)	Canada		3744
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Florida	NELAC	4	E87358
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Kentucky (UST)	State Program	4	19
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Louisiana	NELAC	6	LA110014
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana (UST)	State Program	8	NA
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina DENR	State Program	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio VAP	State Program	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	USDA	Federal		S-48469
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	NELAC	3	460152
TestAmerica Nashville	Virginia	State Program	3	00323
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia DEP	State Program	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430
TestAmerica Nashville	Wyoming (UST)	A2LA	8	453.07

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.



COOL

NWD0861

Cooler Received/Opened On 4/7/2012 @ 0815

1. Tracking # 2927 (last 4 digits, FedEx)Courier: FedEx IR Gun ID 946602202. Temperature of rep. sample or temp blank when opened: 4.0 Degrees Celsius3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA4. Were custody seals on outside of cooler? YES...NO...NAIf yes, how many and where: (1) front5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) PH7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None10. Did all containers arrive in good condition (unbroken)? YES...NO...NA11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA12. Did all container labels and tags agree with custody papers? YES...NO...NA13a. Were VOA vials received? YES...NO...NAb. Was there any observable headspace present in any VOA vial? YES NO...NA14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # P.H.I certify that I unloaded the cooler and answered questions 7-14 (initial) P.H.15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO NAb. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA16. Was residual chlorine present? YES...NO NAI certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) P.H.17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA18. Did you sign the custody papers in the appropriate place? YES...NO...NA19. Were correct containers used for the analysis requested? YES...NO...NA20. Was sufficient amount of sample sent in each container? YES...NO...NAI certify that I entered this project into LIMS and answered questions 17-20 (initial) P.H.I certify that I attached a label with the unique LIMS number to each container (initial) P.H.21. Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES NO...#

Client: Haley & Aldrich (Lenexa)

Address: 8735 Rosehill Road, Suite 340

City, State, Zip: Lenexa KS 66215-6949

Client Invoice Contact: Accounts Payable

Client Project Mgr: Mariruth Gruis

Client Telephone#: (913) 217-6907 Fax: (913) 217-6957

Sampler Name (Print)

Sampler Signature:

TA Account #: 532031

PO #:

Invoice to: Haley & Aldrich

Report to: Mariruth Gruis

Project Name: Leeds Facility

Facility ID: [none]

Reg District (CA):

Site Address:

City, State, Zip:

Missouri

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative								Matrix					Analyze for												RUSH TAT (Pre Schedule)*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 28973

Relinquished by:	Date: 4/6/12	Time: 1930	Received by: Paul R. White / TAN	Date: 4/7/12	Time: 08:15	Relinquished by:	Date:	Time:
Shipped Via:			Shipped Via:			QC Deliverables (Please Circle One): Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)		
Received for TestAmerica by:			Date:	Time:	Temperature Upon Receipt: 4.0 °C	Sample Containers Intact? Y N VOCs Free of Headspace? Y N		
						Date Due of Report:		

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

2960 Foster Creighton Road

Nashville, TN 37204

Tel: 800-765-0980

TestAmerica Job ID: NWD0925

Client Project/Site: [none]

Client Project Description: Leeds Facility

For:

Haley & Aldrich (Lenexa)

8735 Rosehill Road, Suite 340

Lenexa, KS 66215-6949

Attn: Mariruth Gruis

Roxanne L. Connor

Authorized for release by:

4/18/2012 1:32:46 PM

Roxanne Connor

Program Manager - Conventional Accounts

roxanne.connor@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Sample Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
NWD0925-01	TP-03-FB-040912-00	Water	04/09/12 12:26	04/10/12 08:00
NWD0925-02	TP-10-EB-040912-00	Water	04/09/12 13:05	04/10/12 08:00
NWD0925-03	Trip Blank	Water	04/09/12 00:01	04/10/12 08:00

Definitions/Glossary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Qualifiers

GCMS Semivolatiles

Qualifier	Qualifier Description
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Pesticides

Qualifier	Qualifier Description
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.

Metals

Qualifier	Qualifier Description
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

WetChem

Qualifier	Qualifier Description
R2	The RPD exceeded the acceptance limit.
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Client Sample ID: TP-03-FB-040912-00

Lab Sample ID: NWD0925-01

Date Collected: 04/09/12 12:26

Matrix: Water

Date Received: 04/10/12 08:00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Benzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Bromoform	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Chloroform	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Styrene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Toluene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/10/12 11:01	04/12/12 17:03	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:03	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Client Sample ID: TP-03-FB-040912-00

Lab Sample ID: NWD0925-01

Date Collected: 04/09/12 12:26

Matrix: Water

Date Received: 04/10/12 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	106		70 - 130	04/10/12 11:01	04/12/12 17:03	1.00
Dibromofluoromethane	107		70 - 130	04/10/12 11:01	04/12/12 17:03	1.00
Toluene-d8	98		70 - 130	04/10/12 11:01	04/12/12 17:03	1.00
4-Bromofluorobenzene	103		70 - 130	04/10/12 11:01	04/12/12 17:03	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Acenaphthylene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Acetophenone	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Anthracene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Atrazine	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Benzaldehyde	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Benzo (a) anthracene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Benzo (a) pyrene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Benzo (b) fluoranthene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Benzo (g,h,i) perylene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Benzo (k) fluoranthene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Biphenyl	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
4-Bromophenyl phenyl ether	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Butyl benzyl phthalate	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Caprolactam	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Carbazole	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
4-Chloro-3-methylphenol	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
4-Chloroaniline	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Bis(2-chloroethoxy)methane	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Bis(2-chloroethyl)ether	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Bis(2-chloroisopropyl)ether	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
2-Chloronaphthalene	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
2-Chlorophenol	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
4-Chlorophenyl phenyl ether	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Chrysene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Dibenz (a,h) anthracene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Dibenzofuran	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Di-n-butyl phthalate	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
3,3-Dichlorobenzidine	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
2,4-Dichlorophenol	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Diethyl phthalate	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
2,4-Dimethylphenol	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Dimethyl phthalate	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
4,6-Dinitro-2-methylphenol	ND		23.6	12.3	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
2,4-Dinitrophenol	ND		23.6	12.3	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
2,4-Dinitrotoluene	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
2,6-Dinitrotoluene	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Di-n-octyl phthalate	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Bis(2-ethylhexyl)phthalate	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Fluoranthene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Fluorene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Hexachlorobenzene	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Hexachlorobutadiene	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Hexachlorocyclopentadiene	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Hexachloroethane	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Client Sample ID: TP-03-FB-040912-00

Lab Sample ID: NWD0925-01

Date Collected: 04/09/12 12:26

Matrix: Water

Date Received: 04/10/12 08:00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Isophorone	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
2-Methylnaphthalene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
2-Methylphenol	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
3/4-Methylphenol	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Naphthalene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
4-Nitroaniline	ND		23.6	12.3	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
2-Nitroaniline	ND		23.6	12.3	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
3-Nitroaniline	ND		23.6	12.3	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Nitrobenzene	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
2-Nitrophenol	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
4-Nitrophenol	ND		23.6	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
N-Nitrosodiphenylamine	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
N-Nitrosodi-n-propylamine	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Pentachlorophenol	ND		23.6	12.3	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Phenanthrene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Phenol	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
Pyrene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
2,4,6-Trichlorophenol	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 20:49	1.00
2,4,5-Trichlorophenol	ND		23.6	12.3	ug/L		04/10/12 14:30	04/10/12 20:49	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	42		10 - 120	04/10/12 14:30	04/10/12 20:49	1.00
Phenol-d5	25		10 - 120	04/10/12 14:30	04/10/12 20:49	1.00
Nitrobenzene-d5	65		27 - 120	04/10/12 14:30	04/10/12 20:49	1.00
2-Fluorobiphenyl	69		29 - 120	04/10/12 14:30	04/10/12 20:49	1.00
2,4,6-Tribromophenol	74		10 - 120	04/10/12 14:30	04/10/12 20:49	1.00
Terphenyl-d14	95		13 - 120	04/10/12 14:30	04/10/12 20:49	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		04/11/12 13:15	04/11/12 15:38	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	86		70 - 130	04/11/12 13:15	04/11/12 15:38	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		47.2	23.6	ug/L		04/10/12 13:10	04/11/12 16:15	1.00
PCB-1221	ND		47.2	23.6	ug/L		04/10/12 13:10	04/11/12 16:15	1.00
PCB-1232	ND		47.2	23.6	ug/L		04/10/12 13:10	04/11/12 16:15	1.00
PCB-1242	ND		47.2	23.6	ug/L		04/10/12 13:10	04/11/12 16:15	1.00
PCB-1248	ND		47.2	23.6	ug/L		04/10/12 13:10	04/11/12 16:15	1.00
PCB-1254	ND		47.2	23.6	ug/L		04/10/12 13:10	04/11/12 16:15	1.00
PCB-1260	ND		47.2	23.6	ug/L		04/10/12 13:10	04/11/12 16:15	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	106		17 - 142	04/10/12 13:10	04/11/12 16:15	1.00
Decachlorobiphenyl	88		10 - 149	04/10/12 13:10	04/11/12 16:15	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Client Sample ID: TP-03-FB-040912-00

Lab Sample ID: NWD0925-01

Date Collected: 04/09/12 12:26

Matrix: Water

Date Received: 04/10/12 08:00

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:16	1.00
Arsenic	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:16	1.00
Barium	13.2		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:16	1.00
Beryllium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:16	1.00
Cadmium	ND		1.00	0.400	ug/L		04/13/12 09:18	04/16/12 17:16	1.00
Chromium	0.690	J	2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:16	1.00
Cobalt	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:16	1.00
Copper	1.89	J	5.00	1.00	ug/L		04/13/12 09:18	04/16/12 17:16	1.00
Lead	4.99		2.00	0.200	ug/L		04/13/12 09:18	04/16/12 17:16	1.00
Manganese	30.4		5.00	1.00	ug/L		04/13/12 09:18	04/16/12 17:16	1.00
Nickel	1.08	J	5.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:16	1.00
Selenium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:16	1.00
Silver	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:16	1.00
Thallium	ND		2.00	0.700	ug/L		04/13/12 09:18	04/16/12 17:16	1.00
Vanadium	ND		4.00	1.50	ug/L		04/13/12 09:18	04/16/12 17:16	1.00
Zinc	5.39	J	50.0	5.00	ug/L		04/13/12 09:18	04/16/12 17:16	1.00

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		04/11/12 11:10	04/11/12 14:05	1.00

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		0.0100	0.00500	mg/L		04/10/12 11:45	04/10/12 11:45	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		0.00500	0.00250	mg/L		04/12/12 14:15	04/17/12 07:59	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Client Sample ID: TP-10-EB-040912-00

Lab Sample ID: NWD0925-02

Date Collected: 04/09/12 13:05

Matrix: Water

Date Received: 04/10/12 08:00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Benzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Bromoform	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Chloroform	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Styrene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Toluene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/10/12 11:01	04/12/12 17:28	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:28	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Client Sample ID: TP-10-EB-040912-00

Lab Sample ID: NWD0925-02

Date Collected: 04/09/12 13:05

Matrix: Water

Date Received: 04/10/12 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	110		70 - 130	04/10/12 11:01	04/12/12 17:28	1.00
Dibromofluoromethane	111		70 - 130	04/10/12 11:01	04/12/12 17:28	1.00
Toluene-d8	98		70 - 130	04/10/12 11:01	04/12/12 17:28	1.00
4-Bromofluorobenzene	103		70 - 130	04/10/12 11:01	04/12/12 17:28	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Acenaphthylene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Acetophenone	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Anthracene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Atrazine	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Benzaldehyde	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Benzo (a) anthracene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Benzo (a) pyrene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Benzo (b) fluoranthene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Benzo (g,h,i) perylene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Benzo (k) fluoranthene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Biphenyl	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
4-Bromophenyl phenyl ether	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Butyl benzyl phthalate	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Caprolactam	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Carbazole	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
4-Chloro-3-methylphenol	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
4-Chloroaniline	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Bis(2-chloroethoxy)methane	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Bis(2-chloroethyl)ether	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Bis(2-chloroisopropyl)ether	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
2-Chloronaphthalene	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
2-Chlorophenol	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
4-Chlorophenyl phenyl ether	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Chrysene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Dibenz (a,h) anthracene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Dibenzofuran	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Di-n-butyl phthalate	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
3,3-Dichlorobenzidine	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
2,4-Dichlorophenol	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Diethyl phthalate	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
2,4-Dimethylphenol	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Dimethyl phthalate	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
4,6-Dinitro-2-methylphenol	ND		23.6	12.3	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
2,4-Dinitrophenol	ND		23.6	12.3	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
2,4-Dinitrotoluene	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
2,6-Dinitrotoluene	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Di-n-octyl phthalate	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Bis(2-ethylhexyl)phthalate	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Fluoranthene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Fluorene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Hexachlorobenzene	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Hexachlorobutadiene	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Hexachlorocyclopentadiene	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Hexachloroethane	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Client Sample ID: TP-10-EB-040912-00

Lab Sample ID: NWD0925-02

Date Collected: 04/09/12 13:05

Matrix: Water

Date Received: 04/10/12 08:00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Isophorone	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
2-Methylnaphthalene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
2-Methylphenol	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
3/4-Methylphenol	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Naphthalene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
4-Nitroaniline	ND		23.6	12.3	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
2-Nitroaniline	ND		23.6	12.3	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
3-Nitroaniline	ND		23.6	12.3	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Nitrobenzene	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
2-Nitrophenol	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
4-Nitrophenol	ND		23.6	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
N-Nitrosodiphenylamine	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
N-Nitrosodi-n-propylamine	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Pentachlorophenol	ND		23.6	12.3	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Phenanthrene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Phenol	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
Pyrene	ND		1.89	0.943	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
2,4,6-Trichlorophenol	ND		9.43	4.72	ug/L		04/10/12 14:30	04/10/12 21:07	1.00
2,4,5-Trichlorophenol	ND		23.6	12.3	ug/L		04/10/12 14:30	04/10/12 21:07	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	36		10 - 120	04/10/12 14:30	04/10/12 21:07	1.00
Phenol-d5	22		10 - 120	04/10/12 14:30	04/10/12 21:07	1.00
Nitrobenzene-d5	60		27 - 120	04/10/12 14:30	04/10/12 21:07	1.00
2-Fluorobiphenyl	68		29 - 120	04/10/12 14:30	04/10/12 21:07	1.00
2,4,6-Tribromophenol	74		10 - 120	04/10/12 14:30	04/10/12 21:07	1.00
Terphenyl-d14	78		13 - 120	04/10/12 14:30	04/10/12 21:07	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		04/11/12 13:15	04/11/12 15:53	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	105		70 - 130	04/11/12 13:15	04/11/12 15:53	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		47.2	23.6	ug/L		04/10/12 13:10	04/11/12 16:36	1.00
PCB-1221	ND		47.2	23.6	ug/L		04/10/12 13:10	04/11/12 16:36	1.00
PCB-1232	ND		47.2	23.6	ug/L		04/10/12 13:10	04/11/12 16:36	1.00
PCB-1242	ND		47.2	23.6	ug/L		04/10/12 13:10	04/11/12 16:36	1.00
PCB-1248	ND		47.2	23.6	ug/L		04/10/12 13:10	04/11/12 16:36	1.00
PCB-1254	ND		47.2	23.6	ug/L		04/10/12 13:10	04/11/12 16:36	1.00
PCB-1260	ND		47.2	23.6	ug/L		04/10/12 13:10	04/11/12 16:36	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	50		17 - 142	04/10/12 13:10	04/11/12 16:36	1.00
Decachlorobiphenyl	32		10 - 149	04/10/12 13:10	04/11/12 16:36	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Client Sample ID: TP-10-EB-040912-00

Lab Sample ID: NWD0925-02

Date Collected: 04/09/12 13:05

Matrix: Water

Date Received: 04/10/12 08:00

Method: SW846 6020 - Total Metals by Method 6020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:20	1.00
Arsenic	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:20	1.00
Barium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:20	1.00
Beryllium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:20	1.00
Cadmium	ND		1.00	0.400	ug/L		04/13/12 09:18	04/16/12 17:20	1.00
Chromium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:20	1.00
Cobalt	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:20	1.00
Copper	ND		5.00	1.00	ug/L		04/13/12 09:18	04/16/12 17:20	1.00
Lead	ND		2.00	0.200	ug/L		04/13/12 09:18	04/16/12 17:20	1.00
Manganese	ND		5.00	1.00	ug/L		04/13/12 09:18	04/16/12 17:20	1.00
Nickel	ND		5.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:20	1.00
Selenium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:20	1.00
Silver	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 17:20	1.00
Thallium	ND		2.00	0.700	ug/L		04/13/12 09:18	04/16/12 17:20	1.00
Vanadium	ND		4.00	1.50	ug/L		04/13/12 09:18	04/16/12 17:20	1.00
Zinc	ND		50.0	5.00	ug/L		04/13/12 09:18	04/16/12 17:20	1.00

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		04/11/12 11:10	04/11/12 14:07	1.00

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		0.0100	0.00500	mg/L		04/10/12 11:58	04/10/12 11:58	1.00

Method: SW846 9012B - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		0.00500	0.00250	mg/L		04/12/12 14:15	04/17/12 07:59	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Client Sample ID: Trip Blank

Lab Sample ID: NWD0925-03

Date Collected: 04/09/12 00:01

Matrix: Water

Date Received: 04/10/12 08:00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Benzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Bromoform	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Chloroform	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Styrene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Toluene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/10/12 11:01	04/12/12 17:54	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/10/12 11:01	04/12/12 17:54	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Client Sample ID: Trip Blank

Lab Sample ID: NWD0925-03

Date Collected: 04/09/12 00:01

Matrix: Water

Date Received: 04/10/12 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	109		70 - 130	04/10/12 11:01	04/12/12 17:54	1.00
Dibromofluoromethane	108		70 - 130	04/10/12 11:01	04/12/12 17:54	1.00
Toluene-d8	99		70 - 130	04/10/12 11:01	04/12/12 17:54	1.00
4-Bromofluorobenzene	102		70 - 130	04/10/12 11:01	04/12/12 17:54	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 12D1561-BLK1

Matrix: Water

Analysis Batch: V006108

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1561_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Benzene	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Bromoform	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Chloroform	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Styrene	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
1,1,1,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Toluene	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1561-BLK1

Matrix: Water

Analysis Batch: V006108

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1561_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, total	ND		3.00	1.50	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/09/12 09:45	04/12/12 13:08	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	107		70 - 130				04/09/12 09:45	04/12/12 13:08	1.00
Dibromofluoromethane	105		70 - 130				04/09/12 09:45	04/12/12 13:08	1.00
Toluene-d8	98		70 - 130				04/09/12 09:45	04/12/12 13:08	1.00
4-Bromofluorobenzene	101		70 - 130				04/09/12 09:45	04/12/12 13:08	1.00

Lab Sample ID: 12D1561-BS1

Matrix: Water

Analysis Batch: V006108

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1561_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	105		ug/L		105	54 - 145
Benzene	20.0	19.7		ug/L		99	80 - 121
Bromochloromethane	20.0	20.2		ug/L		101	78 - 129
Bromodichloromethane	20.0	18.8		ug/L		94	75 - 129
Bromoform	20.0	17.1		ug/L		86	46 - 145
Bromomethane	20.0	17.7		ug/L		89	41 - 150
2-Butanone	100	88.6		ug/L		89	62 - 133
Carbon disulfide	20.0	18.8		ug/L		94	77 - 126
Carbon Tetrachloride	20.0	20.0		ug/L		100	64 - 147
Chlorobenzene	20.0	19.6		ug/L		98	80 - 120
Chlorodibromomethane	20.0	18.1		ug/L		91	69 - 133
Chloroethane	20.0	19.1		ug/L		95	72 - 120
Chloroform	20.0	21.2		ug/L		106	73 - 129
Chloromethane	20.0	15.1		ug/L		76	12 - 150
Cyclohexane	20.0	18.7		ug/L		93	73 - 122
1,2-Dibromo-3-chloropropane	20.0	16.7		ug/L		84	54 - 125
1,2-Dibromoethane (EDB)	20.0	20.1		ug/L		100	80 - 129
1,2-Dichlorobenzene	20.0	19.8		ug/L		99	80 - 121
1,3-Dichlorobenzene	20.0	19.9		ug/L		100	80 - 122
1,4-Dichlorobenzene	20.0	20.1		ug/L		100	80 - 120
Dichlorodifluoromethane	20.0	20.0		ug/L		100	37 - 127
1,2-Dichloroethane	20.0	20.7		ug/L		103	77 - 121
1,1-Dichloroethane	20.0	20.3		ug/L		102	78 - 125
1,1-Dichloroethene	20.0	18.1		ug/L		90	79 - 124
trans-1,2-Dichloroethene	20.0	19.7		ug/L		98	79 - 126
cis-1,2-Dichloroethene	20.0	20.3		ug/L		102	76 - 125
1,2-Dichloropropane	20.0	18.3		ug/L		92	75 - 120
trans-1,3-Dichloropropene	20.0	15.7		ug/L		79	63 - 134
cis-1,3-Dichloropropene	20.0	17.4		ug/L		87	74 - 140
Ethylbenzene	20.0	20.6		ug/L		103	80 - 130
2-Hexanone	100	90.5		ug/L		90	60 - 142
Isopropylbenzene	20.0	23.3		ug/L		116	80 - 141
Methyl Acetate	20.0	21.4		ug/L		107	64 - 150
Methylcyclohexane	20.0	19.4		ug/L		97	71 - 129
Methyl tert-Butyl Ether	20.0	18.7		ug/L		93	72 - 133

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1561-BS1

Matrix: Water

Analysis Batch: V006108

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1561_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	20.0	18.1		ug/L		90	79 - 123
4-Methyl-2-pentanone	100	90.7		ug/L		91	60 - 137
n-Propylbenzene	20.0	20.9		ug/L		104	75 - 129
Styrene	20.0	21.4		ug/L		107	80 - 127
1,1,2,2-Tetrachloroethane	20.0	18.7		ug/L		93	69 - 131
Tetrachloroethene	20.0	20.2		ug/L		101	80 - 126
Tetrahydrofuran	200	164		ug/L		82	51 - 124
Toluene	20.0	20.0		ug/L		100	80 - 126
1,2,4-Trichlorobenzene	20.0	19.8		ug/L		99	63 - 133
1,1,1-Trichloroethane	20.0	22.5		ug/L		112	78 - 135
1,1,2-Trichloroethane	20.0	19.0		ug/L		95	80 - 124
Trichloroethene	20.0	20.1		ug/L		101	80 - 123
Trichlorofluoromethane	20.0	21.4		ug/L		107	65 - 124
Vinyl chloride	20.0	19.4		ug/L		97	68 - 120
Xylenes, total	60.0	63.5		ug/L		106	80 - 132
1,1,2-Trifluorotrichloroethane	20.0	19.1		ug/L		95	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	100		70 - 130
Dibromofluoromethane	108		70 - 130
Toluene-d8	100		70 - 130
4-Bromofluorobenzene	99		70 - 130

Lab Sample ID: 12D1561-MS1

Matrix: Water

Analysis Batch: V006108

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1561_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		5000	4470		ug/L		89	45 - 141
Benzene	ND		1000	1010		ug/L		101	75 - 133
Bromochloromethane	ND		1000	1040		ug/L		104	67 - 139
Bromodichloromethane	ND		1000	1030		ug/L		103	70 - 140
Bromoform	ND		1000	907		ug/L		91	42 - 147
Bromomethane	ND		1000	842		ug/L		84	16 - 163
2-Butanone	ND		5000	4340		ug/L		87	50 - 138
Carbon disulfide	ND		1000	971		ug/L		97	48 - 152
Carbon Tetrachloride	ND		1000	1150		ug/L		115	62 - 164
Chlorobenzene	ND		1000	1030		ug/L		103	80 - 129
Chlorodibromomethane	ND		1000	949		ug/L		95	66 - 140
Chloroethane	ND		1000	1020		ug/L		102	58 - 137
Chloroform	ND		1000	1110		ug/L		111	66 - 138
Chloromethane	ND		1000	801		ug/L		80	10 - 169
Cyclohexane	ND		1000	989		ug/L		99	58 - 144
1,2-Dibromo-3-chloropropane	ND		1000	758		ug/L		76	52 - 126
1,2-Dibromoethane (EDB)	ND		1000	1070		ug/L		107	75 - 137
1,2-Dichlorobenzene	ND		1000	1010		ug/L		101	79 - 128
1,3-Dichlorobenzene	ND		1000	1030		ug/L		103	77 - 131
1,4-Dichlorobenzene	ND		1000	1020		ug/L		102	78 - 126
Dichlorodifluoromethane	ND		1000	858		ug/L		86	40 - 127

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1561-MS1

Matrix: Water

Analysis Batch: V006108

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1561_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	ND		1000	1090		ug/L		109	64 - 136
1,1-Dichloroethane	ND		1000	1060		ug/L		106	71 - 139
1,1-Dichloroethene	ND		1000	1000		ug/L		100	70 - 142
trans-1,2-Dichloroethene	ND		1000	1050		ug/L		105	66 - 143
cis-1,2-Dichloroethene	ND		1000	1070		ug/L		107	68 - 138
1,2-Dichloropropane	ND		1000	928		ug/L		93	67 - 131
trans-1,3-Dichloropropene	ND		1000	804		ug/L		80	59 - 135
cis-1,3-Dichloropropene	ND		1000	907		ug/L		91	71 - 141
Ethylbenzene	ND		1000	1090		ug/L		109	79 - 139
2-Hexanone	ND		5000	4620		ug/L		92	50 - 150
Isopropylbenzene	ND		1000	1260		ug/L		126	80 - 153
Methyl Acetate	ND		1000	1120		ug/L		112	30 - 165
Methylcyclohexane	ND		1000	1080		ug/L		108	59 - 151
Methyl tert-Butyl Ether	ND		1000	907		ug/L		91	66 - 141
Methylene Chloride	ND		1000	918		ug/L		92	64 - 139
4-Methyl-2-pentanone	ND		5000	4740		ug/L		95	50 - 147
n-Propylbenzene	ND		1000	1080		ug/L		108	69 - 142
Styrene	ND		1000	1130		ug/L		113	61 - 148
1,1,2,2-Tetrachloroethane	ND		1000	922		ug/L		92	56 - 143
Tetrachloroethene	ND		1000	1070		ug/L		107	72 - 145
Tetrahydrofuran	ND		10000	8010		ug/L		80	34 - 133
Toluene	939		1000	1940		ug/L		100	75 - 136
1,2,4-Trichlorobenzene	ND		1000	1030		ug/L		103	60 - 136
1,1,1-Trichloroethane	ND		1000	1260		ug/L		126	76 - 149
1,1,2-Trichloroethane	ND		1000	981		ug/L		98	74 - 134
Trichloroethene	ND		1000	1060		ug/L		106	73 - 144
Trichlorofluoromethane	ND		1000	1130		ug/L		113	58 - 139
Vinyl chloride	ND		1000	1030		ug/L		103	56 - 129
Xylenes, total	ND		3000	3340		ug/L		111	74 - 141
1,1,2-Trifluorotrichloroethane	ND		1000	1050		ug/L		105	72 - 148

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	107		70 - 130
Dibromofluoromethane	110		70 - 130
Toluene-d8	100		70 - 130
4-Bromofluorobenzene	100		70 - 130

Lab Sample ID: 12D1561-MSD1

Matrix: Water

Analysis Batch: V006108

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1561_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Acetone	ND		5000	3940		ug/L		79	45 - 141	13	21
Benzene	ND		1000	977		ug/L		98	75 - 133	4	17
Bromochloromethane	ND		1000	979		ug/L		98	67 - 139	6	17
Bromodichloromethane	ND		1000	967		ug/L		97	70 - 140	6	18
Bromoform	ND		1000	865		ug/L		86	42 - 147	5	16
Bromomethane	ND		1000	861		ug/L		86	16 - 163	2	50
2-Butanone	ND		5000	4290		ug/L		86	50 - 138	1	19

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1561-MSD1

Matrix: Water

Analysis Batch: V006108

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1561_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon disulfide	ND		1000	946		ug/L		95	48 - 152	3	21
Carbon Tetrachloride	ND		1000	1100		ug/L		110	62 - 164	4	19
Chlorobenzene	ND		1000	997		ug/L		100	80 - 129	3	14
Chlorodibromomethane	ND		1000	944		ug/L		94	66 - 140	0.5	15
Chloroethane	ND		1000	961		ug/L		96	58 - 137	6	20
Chloroform	ND		1000	1050		ug/L		105	66 - 138	6	18
Chloromethane	ND		1000	779		ug/L		78	10 - 169	3	31
Cyclohexane	ND		1000	978		ug/L		98	58 - 144	1	16
1,2-Dibromo-3-chloropropane	ND		1000	772		ug/L		77	52 - 126	2	24
1,2-Dibromoethane (EDB)	ND		1000	1040		ug/L		104	75 - 137	4	15
1,2-Dichlorobenzene	ND		1000	1000		ug/L		100	79 - 128	0.4	15
1,3-Dichlorobenzene	ND		1000	1020		ug/L		102	77 - 131	1	15
1,4-Dichlorobenzene	ND		1000	1020		ug/L		102	78 - 126	0.3	15
Dichlorodifluoromethane	ND		1000	805		ug/L		80	40 - 127	6	18
1,2-Dichloroethane	ND		1000	1040		ug/L		104	64 - 136	5	17
1,1-Dichloroethane	ND		1000	1020		ug/L		102	71 - 139	4	17
1,1-Dichloroethene	ND		1000	977		ug/L		98	70 - 142	3	17
trans-1,2-Dichloroethene	ND		1000	1010		ug/L		101	66 - 143	4	16
cis-1,2-Dichloroethene	ND		1000	1040		ug/L		104	68 - 138	3	17
1,2-Dichloropropane	ND		1000	899		ug/L		90	67 - 131	3	17
trans-1,3-Dichloropropene	ND		1000	787		ug/L		79	59 - 135	2	14
cis-1,3-Dichloropropene	ND		1000	888		ug/L		89	71 - 141	2	15
Ethylbenzene	ND		1000	1050		ug/L		105	79 - 139	4	15
2-Hexanone	ND		5000	4590		ug/L		92	50 - 150	0.8	15
Isopropylbenzene	ND		1000	1220		ug/L		122	80 - 153	3	16
Methyl Acetate	ND		1000	1100		ug/L		110	30 - 165	2	31
Methylcyclohexane	ND		1000	1050		ug/L		105	59 - 151	3	19
Methyl tert-Butyl Ether	ND		1000	911		ug/L		91	66 - 141	0.4	16
Methylene Chloride	ND		1000	890		ug/L		89	64 - 139	3	17
4-Methyl-2-pentanone	ND		5000	4690		ug/L		94	50 - 147	1	17
n-Propylbenzene	ND		1000	1060		ug/L		106	69 - 142	2	17
Styrene	ND		1000	1100		ug/L		110	61 - 148	2	24
1,1,2,2-Tetrachloroethane	ND		1000	899		ug/L		90	56 - 143	3	20
Tetrachloroethene	ND		1000	1040		ug/L		104	72 - 145	3	16
Tetrahydrofuran	ND		10000	7940		ug/L		79	34 - 133	0.9	18
Toluene	939		1000	1880		ug/L		94	75 - 136	3	15
1,2,4-Trichlorobenzene	ND		1000	1040		ug/L		104	60 - 136	1	19
1,1,1-Trichloroethane	ND		1000	1220		ug/L		122	76 - 149	4	17
1,1,2-Trichloroethane	ND		1000	955		ug/L		96	74 - 134	3	15
Trichloroethene	ND		1000	1020		ug/L		102	73 - 144	3	17
Trichlorofluoromethane	ND		1000	1060		ug/L		106	58 - 139	6	18
Vinyl chloride	ND		1000	973		ug/L		97	56 - 129	6	17
Xylenes, total	ND		3000	3230		ug/L		108	74 - 141	3	15
1,1,2-Trifluorotrichloroethane	ND		1000	1010		ug/L		101	72 - 148	4	18

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Matrix Spike Dup Limits
1,2-Dichloroethane-d4	100		70 - 130
Dibromofluoromethane	107		70 - 130
Toluene-d8	99		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1561-MSD1

Matrix: Water

Analysis Batch: V006108

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1561_P

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits
4-Bromofluorobenzene	99		70 - 130

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Lab Sample ID: 12D1774-BLK1

Matrix: Water

Analysis Batch: 12D1774

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1774_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2.00	1.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Acenaphthylene	ND		2.00	1.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Acetophenone	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Anthracene	ND		2.00	1.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Atrazine	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Benzaldehyde	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Benzo (a) anthracene	ND		2.00	1.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Benzo (a) pyrene	ND		2.00	1.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Benzo (b) fluoranthene	ND		2.00	1.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Benzo (g,h,i) perylene	ND		2.00	1.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Benzo (k) fluoranthene	ND		2.00	1.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Biphenyl	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
4-Bromophenyl phenyl ether	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Butyl benzyl phthalate	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Caprolactam	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Carbazole	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
4-Chloro-3-methylphenol	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
4-Chloroaniline	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Bis(2-chloroethoxy)methane	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Bis(2-chloroethyl)ether	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Bis(2-chloroisopropyl)ether	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
2-Chloronaphthalene	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
2-Chlorophenol	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
4-Chlorophenyl phenyl ether	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Chrysene	ND		2.00	1.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Dibenz (a,h) anthracene	ND		2.00	1.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Dibenzofuran	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Di-n-butyl phthalate	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
3,3-Dichlorobenzidine	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
2,4-Dichlorophenol	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Diethyl phthalate	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
2,4-Dimethylphenol	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Dimethyl phthalate	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
4,6-Dinitro-2-methylphenol	ND		25.0	13.0	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
2,4-Dinitrophenol	ND		25.0	13.0	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
2,4-Dinitrotoluene	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
2,6-Dinitrotoluene	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Di-n-octyl phthalate	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Bis(2-ethylhexyl)phthalate	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Fluoranthene	ND		2.00	1.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1774-BLK1

Matrix: Water

Analysis Batch: 12D1774

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1774_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		2.00	1.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Hexachlorobenzene	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Hexachlorobutadiene	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Hexachlorocyclopentadiene	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Hexachloroethane	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Indeno (1,2,3-cd) pyrene	ND		2.00	1.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Isophorone	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
2-Methylnaphthalene	ND		2.00	1.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
2-Methylphenol	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
3/4-Methylphenol	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Naphthalene	ND		2.00	1.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
4-Nitroaniline	ND		25.0	13.0	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
2-Nitroaniline	ND		25.0	13.0	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
3-Nitroaniline	ND		25.0	13.0	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Nitrobenzene	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
2-Nitrophenol	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
4-Nitrophenol	ND		25.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
N-Nitrosodiphenylamine	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
N-Nitrosodi-n-propylamine	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Pentachlorophenol	ND		25.0	13.0	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Phenanthrene	ND		2.00	1.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Phenol	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
Pyrene	ND		2.00	1.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
2,4,6-Trichlorophenol	ND		10.0	5.00	ug/L		04/10/12 14:30	04/10/12 17:10	1.00
2,4,5-Trichlorophenol	ND		25.0	13.0	ug/L		04/10/12 14:30	04/10/12 17:10	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	48		10 - 120	04/10/12 14:30	04/10/12 17:10	1.00
Phenol-d5	30		10 - 120	04/10/12 14:30	04/10/12 17:10	1.00
Nitrobenzene-d5	66		27 - 120	04/10/12 14:30	04/10/12 17:10	1.00
2-Fluorobiphenyl	67		29 - 120	04/10/12 14:30	04/10/12 17:10	1.00
2,4,6-Tribromophenol	77		10 - 120	04/10/12 14:30	04/10/12 17:10	1.00
Terphenyl-d14	91		13 - 120	04/10/12 14:30	04/10/12 17:10	1.00

Lab Sample ID: 12D1774-BS1

Matrix: Water

Analysis Batch: 12D1774

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1774_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	50.0	40.1	MNR1	ug/L		80	46 - 120
Acenaphthylene	50.0	38.3	MNR1	ug/L		77	48 - 120
Acetophenone	50.0	40.2	MNR1	ug/L		80	36 - 120
Anthracene	50.0	42.0	MNR1	ug/L		84	58 - 130
Benzo (a) anthracene	50.0	42.9	MNR1	ug/L		86	57 - 120
Benzo (a) pyrene	50.0	41.8	MNR1	ug/L		84	57 - 124
Benzo (b) fluoranthene	50.0	36.0	MNR1	ug/L		72	51 - 125
Benzo (g,h,i) perylene	50.0	38.1	MNR1	ug/L		76	51 - 123
Benzo (k) fluoranthene	50.0	44.9	MNR1	ug/L		90	51 - 120
4-Bromophenyl phenyl ether	50.0	44.8	MNR1	ug/L		90	47 - 127

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1774-BS1

Matrix: Water

Analysis Batch: 12D1774

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1774_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Butyl benzyl phthalate	50.0	42.1	MNR1	ug/L		84	51 - 146
Carbazole	50.0	41.0	MNR1	ug/L		82	54 - 123
4-Chloro-3-methylphenol	50.0	43.1	MNR1	ug/L		86	44 - 120
4-Chloroaniline	50.0	40.6	MNR1	ug/L		81	44 - 120
Bis(2-chloroethoxy)methane	50.0	41.8	MNR1	ug/L		84	44 - 120
Bis(2-chloroethyl)ether	50.0	37.0	MNR1	ug/L		74	47 - 120
Bis(2-chloroisopropyl)ether	50.0	39.5	MNR1	ug/L		79	44 - 120
2-Chloronaphthalene	50.0	31.1	MNR1	ug/L		62	39 - 120
2-Chlorophenol	50.0	39.7	MNR1	ug/L		79	40 - 120
4-Chlorophenyl phenyl ether	50.0	43.1	MNR1	ug/L		86	50 - 120
Chrysene	50.0	39.1	MNR1	ug/L		78	55 - 120
Dibenz (a,h) anthracene	50.0	38.8	MNR1	ug/L		78	50 - 125
Dibenzofuran	50.0	40.6	MNR1	ug/L		81	50 - 120
Di-n-butyl phthalate	50.0	40.3	MNR1	ug/L		81	54 - 140
3,3-Dichlorobenzidine	50.0	41.7	MNR1	ug/L		83	46 - 129
2,4-Dichlorophenol	50.0	45.4	MNR1	ug/L		91	38 - 120
Diethyl phthalate	50.0	44.2	MNR1	ug/L		88	54 - 128
2,4-Dimethylphenol	50.0	41.6	MNR1	ug/L		83	21 - 126
Dimethyl phthalate	50.0	42.0	MNR1	ug/L		84	53 - 127
4,6-Dinitro-2-methylphenol	50.0	40.2	MNR1	ug/L		80	19 - 150
2,4-Dinitrophenol	50.0	40.0	MNR1	ug/L		80	20 - 150
2,4-Dinitrotoluene	50.0	35.4	MNR1	ug/L		71	46 - 132
2,6-Dinitrotoluene	50.0	35.1	MNR1	ug/L		70	54 - 128
Di-n-octyl phthalate	50.0	41.6	MNR1	ug/L		83	50 - 142
Bis(2-ethylhexyl)phthalate	50.0	41.4	MNR1	ug/L		83	47 - 138
Fluoranthene	50.0	43.1	MNR1	ug/L		86	56 - 120
Fluorene	50.0	43.7	MNR1	ug/L		87	52 - 120
Hexachlorobenzene	50.0	48.4	MNR1	ug/L		97	48 - 131
Hexachlorobutadiene	50.0	40.6	MNR1	ug/L		81	28 - 120
Hexachlorocyclopentadiene	50.0	14.7	MNR1	ug/L		29	17 - 120
Hexachloroethane	50.0	29.1	MNR1	ug/L		58	30 - 120
Indeno (1,2,3-cd) pyrene	50.0	38.2	MNR1	ug/L		76	54 - 125
Isophorone	50.0	32.4	MNR1	ug/L		65	47 - 120
2-Methylnaphthalene	50.0	36.2	MNR1	ug/L		72	31 - 120
2-Methylphenol	50.0	29.3	MNR1	ug/L		59	38 - 120
3/4-Methylphenol	50.0	25.7	MNR1	ug/L		51	33 - 120
Naphthalene	50.0	37.2	MNR1	ug/L		74	37 - 120
4-Nitroaniline	50.0	44.6	MNR1	ug/L		89	55 - 123
2-Nitroaniline	50.0	44.2	MNR1	ug/L		88	46 - 131
3-Nitroaniline	50.0	41.5	MNR1	ug/L		83	54 - 121
Nitrobenzene	50.0	29.7	MNR1	ug/L		59	36 - 120
2-Nitrophenol	50.0	44.1	MNR1	ug/L		88	32 - 120
4-Nitrophenol	50.0	17.9	J MNR1	ug/L		36	10 - 120
N-Nitrosodiphenylamine	50.0	46.6	MNR1	ug/L		93	58 - 149
N-Nitrosodi-n-propylamine	50.0	40.3	MNR1	ug/L		81	51 - 120
Pentachlorophenol	50.0	45.9	MNR1	ug/L		92	21 - 150
Phenanthrene	50.0	41.6	MNR1	ug/L		83	56 - 120
Phenol	50.0	17.0	MNR1	ug/L		34	14 - 120
Pyrene	50.0	42.4	MNR1	ug/L		85	53 - 129
2,4,6-Trichlorophenol	50.0	47.3	MNR1	ug/L		95	39 - 135

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1774-BS1

Matrix: Water

Analysis Batch: 12D1774

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1774_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-Trichlorophenol	50.0	37.6	MNR1	ug/L		75	40 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	41		10 - 120
Phenol-d5	26		10 - 120
Nitrobenzene-d5	66		27 - 120
2-Fluorobiphenyl	66		29 - 120
2,4,6-Tribromophenol	68		10 - 120
Terphenyl-d14	79		13 - 120

Lab Sample ID: 12D1774-BS2

Matrix: Water

Analysis Batch: 12D1774

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1774_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetophenone	50.0	43.6		ug/L		87	36 - 120
Atrazine	50.0	44.7		ug/L		89	24 - 133
Benzaldehyde	50.0	37.7		ug/L		75	34 - 120
Biphenyl	50.0	40.6		ug/L		81	10 - 146
Caprolactam	50.0	11.5		ug/L		23	10 - 120
4-Chloro-3-methylphenol	50.0	42.5		ug/L		85	44 - 120
2-Chlorophenol	50.0	39.7		ug/L		79	40 - 120
2,4-Dichlorophenol	50.0	44.6		ug/L		89	38 - 120
2,4-Dimethylphenol	50.0	41.1		ug/L		82	21 - 126
4,6-Dinitro-2-methylphenol	50.0	42.0		ug/L		84	19 - 150
2,4-Dinitrophenol	50.0	38.3		ug/L		77	20 - 150
2-Methylphenol	50.0	28.7		ug/L		57	38 - 120
2-Nitrophenol	50.0	43.6		ug/L		87	32 - 120
4-Nitrophenol	50.0	21.2	J	ug/L		42	10 - 120
Pentachlorophenol	50.0	40.3		ug/L		81	21 - 150
Phenol	50.0	15.8		ug/L		32	14 - 120
2,4,6-Trichlorophenol	50.0	43.0		ug/L		86	39 - 135
2,4,5-Trichlorophenol	50.0	34.9		ug/L		70	40 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	49		10 - 120
Phenol-d5	29		10 - 120
Nitrobenzene-d5	71		27 - 120
2-Fluorobiphenyl	70		29 - 120
2,4,6-Tribromophenol	81		10 - 120
Terphenyl-d14	88		13 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Lab Sample ID: 12D1761-BLK1

Matrix: Water

Analysis Batch: V005894

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1761_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/L		04/11/12 13:15	04/11/12 14:37	1.00
Surrogate	%Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Butanol	81		70 - 130				04/11/12 13:15	04/11/12 14:37	1.00

Lab Sample ID: 12D1761-BS1

Matrix: Water

Analysis Batch: V005894

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1761_P

Surrogate	%Recovery	LCS Qualifier	Limits
n-Butanol	112		70 - 130

Lab Sample ID: 12D1761-MS1

Matrix: Water

Analysis Batch: V005894

Client Sample ID: TP-03-FB-040912-00

Prep Type: Total

Prep Batch: 12D1761_P

Surrogate	%Recovery	Matrix Spike Qualifier	Limits
n-Butanol	110		70 - 130

Lab Sample ID: 12D1761-MSD1

Matrix: Water

Analysis Batch: V005894

Client Sample ID: TP-03-FB-040912-00

Prep Type: Total

Prep Batch: 12D1761_P

Surrogate	%Recovery	Matrix Spike Dup Qualifier	Limits
n-Butanol	90		70 - 130

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Lab Sample ID: 12D1773-BLK1

Matrix: Water

Analysis Batch: V005920

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1773_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.500	0.250	ug/L		04/10/12 13:10	04/11/12 15:32	1.00
PCB-1221	ND		0.500	0.250	ug/L		04/10/12 13:10	04/11/12 15:32	1.00
PCB-1232	ND		0.500	0.250	ug/L		04/10/12 13:10	04/11/12 15:32	1.00
PCB-1242	ND		0.500	0.250	ug/L		04/10/12 13:10	04/11/12 15:32	1.00
PCB-1248	ND		0.500	0.250	ug/L		04/10/12 13:10	04/11/12 15:32	1.00
PCB-1254	ND		0.500	0.250	ug/L		04/10/12 13:10	04/11/12 15:32	1.00
PCB-1260	ND		0.500	0.250	ug/L		04/10/12 13:10	04/11/12 15:32	1.00
Surrogate	%Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	101		17 - 142				04/10/12 13:10	04/11/12 15:32	1.00
Decachlorobiphenyl	90		10 - 149				04/10/12 13:10	04/11/12 15:32	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Lab Sample ID: 12D1773-BS1

Matrix: Water

Analysis Batch: V005920

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1773_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1260	5.00	4.58	MNR1	ug/L		92	36 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-meta-xylene	95		17 - 142
Decachlorobiphenyl	89		10 - 149

Method: SW846 6020 - Total Metals by Method 6020

Lab Sample ID: 12D2513-BLK1

Matrix: Water

Analysis Batch: 12D2513

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D2513_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Arsenic	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Barium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Beryllium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Cadmium	ND		1.00	0.400	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Chromium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Cobalt	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Copper	ND		5.00	1.00	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Lead	ND		2.00	0.200	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Manganese	ND		5.00	1.00	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Nickel	ND		5.00	0.500	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Selenium	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Silver	ND		2.00	0.500	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Thallium	ND		2.00	0.700	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Vanadium	ND		4.00	1.50	ug/L		04/13/12 09:18	04/16/12 15:45	1.00
Zinc	ND		50.0	5.00	ug/L		04/13/12 09:18	04/16/12 15:45	1.00

Lab Sample ID: 12D2513-BS1

Matrix: Water

Analysis Batch: 12D2513

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D2513_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	100	97.3		ug/L		97	80 - 120
Arsenic	100	97.8		ug/L		98	80 - 120
Barium	100	103		ug/L		103	80 - 120
Beryllium	100	95.4		ug/L		95	80 - 120
Cadmium	100	94.4		ug/L		94	80 - 120
Chromium	100	97.5		ug/L		98	80 - 120
Cobalt	100	94.9		ug/L		95	80 - 120
Copper	100	106		ug/L		106	80 - 120
Lead	100	93.6		ug/L		94	80 - 120
Manganese	100	95.9		ug/L		96	80 - 120
Nickel	100	97.6		ug/L		98	80 - 120
Selenium	100	94.2		ug/L		94	80 - 120
Silver	100	90.1		ug/L		90	80 - 120
Thallium	100	91.8		ug/L		92	80 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Method: SW846 6020 - Total Metals by Method 6020 (Continued)

Lab Sample ID: 12D2513-BS1

Matrix: Water

Analysis Batch: 12D2513

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D2513_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vanadium	100	99.2		ug/L		99	80 - 120
Zinc	100	97.9		ug/L		98	80 - 120

Lab Sample ID: 12D2513-BSD1

Matrix: Water

Analysis Batch: 12D2513

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D2513_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	100	98.4		ug/L		98	80 - 120	1	20
Arsenic	100	97.0		ug/L		97	80 - 120	0.9	20
Barium	100	104		ug/L		104	80 - 120	0.8	20
Beryllium	100	95.8		ug/L		96	80 - 120	0.4	20
Cadmium	100	96.4		ug/L		96	80 - 120	2	20
Chromium	100	96.8		ug/L		97	80 - 120	0.7	20
Cobalt	100	94.2		ug/L		94	80 - 120	0.8	20
Copper	100	103		ug/L		103	80 - 120	4	20
Lead	100	95.1		ug/L		95	80 - 120	2	20
Manganese	100	94.9		ug/L		95	80 - 120	1	20
Nickel	100	96.6		ug/L		97	80 - 120	1	20
Selenium	100	95.1		ug/L		95	80 - 120	1	20
Silver	100	91.8		ug/L		92	80 - 120	2	20
Thallium	100	94.2		ug/L		94	80 - 120	3	20
Vanadium	100	97.9		ug/L		98	80 - 120	1	20
Zinc	100	98.5		ug/L		98	80 - 120	0.6	20

Lab Sample ID: 12D2513-MS1

Matrix: Water

Analysis Batch: 12D2513

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D2513_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.840		100	108		ug/L		107	75 - 125
Arsenic	8.43		100	108		ug/L		100	75 - 125
Barium	571		100	684		ug/L		112	75 - 125
Beryllium	ND		100	104		ug/L		104	75 - 125
Cadmium	1.65		100	102		ug/L		100	75 - 125
Chromium	2.68		100	98.1		ug/L		95	75 - 125
Cobalt	5.35		100	95.3		ug/L		90	75 - 125
Copper	14.2		100	105		ug/L		91	75 - 125
Lead	44.0		100	145		ug/L		101	75 - 125
Manganese	6040		100	6170	MHA	ug/L		129	75 - 125
Nickel	26.2		100	116		ug/L		90	75 - 125
Selenium	ND		100	97.9		ug/L		98	75 - 125
Silver	1.22		100	32.7	M2	ug/L		31	75 - 125
Thallium	ND		100	97.6		ug/L		98	75 - 125
Vanadium	10.7		100	111		ug/L		100	75 - 125
Zinc	54.7		100	147		ug/L		92	75 - 125

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Method: SW846 6020 - Total Metals by Method 6020 (Continued)

Lab Sample ID: 12D2513-MSD1

Matrix: Water

Analysis Batch: 12D2513

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D2513_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	0.840		100	109		ug/L		108	75 - 125	0.8	20
Arsenic	8.43		100	107		ug/L		99	75 - 125	1	20
Barium	571		100	677		ug/L		106	75 - 125	1	20
Beryllium	ND		100	106		ug/L		106	75 - 125	2	20
Cadmium	1.65		100	102		ug/L		100	75 - 125	0.5	20
Chromium	2.68		100	97.0		ug/L		94	75 - 125	1	20
Cobalt	5.35		100	94.9		ug/L		90	75 - 125	0.4	20
Copper	14.2		100	105		ug/L		91	75 - 125	0.1	20
Lead	44.0		100	144		ug/L		100	75 - 125	1	20
Manganese	6040		100	6140		ug/L		106	75 - 125	0.4	20
Nickel	26.2		100	116		ug/L		90	75 - 125	0.09	20
Selenium	ND		100	98.9		ug/L		99	75 - 125	1	20
Silver	1.22		100	32.9	M2	ug/L		32	75 - 125	0.5	20
Thallium	ND		100	97.2		ug/L		97	75 - 125	0.4	20
Vanadium	10.7		100	110		ug/L		99	75 - 125	1	20
Zinc	54.7		100	165		ug/L		110	75 - 125	12	20

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A

Lab Sample ID: 12D1942-BLK1

Matrix: Water

Analysis Batch: 12D1942

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1942_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000200	0.000100	mg/L		04/11/12 11:10	04/11/12 13:54	1.00

Lab Sample ID: 12D1942-BS1

Matrix: Water

Analysis Batch: 12D1942

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1942_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00100	0.00116		mg/L		116	80 - 120

Lab Sample ID: 12D1942-BSD1

Matrix: Water

Analysis Batch: 12D1942

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1942_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	0.00100	0.00113		mg/L		113	80 - 120	2	20

Lab Sample ID: 12D1942-MS1

Matrix: Water

Analysis Batch: 12D1942

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1942_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00100	0.00119		mg/L		119	75 - 125

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Method: SW846 7470A - Mercury by EPA Methods 7470A/7471A (Continued)

Lab Sample ID: 12D1942-MSD1

Matrix: Water

Analysis Batch: 12D1942

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1942_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00100	0.00115		mg/L		115	75 - 125	4	20

Method: SW846 7196A - General Chemistry Parameters

Lab Sample ID: 12D1776-BLK1

Matrix: Water

Analysis Batch: 12D1776

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1776_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		0.0100	0.00500	mg/L		04/10/12 11:45	04/10/12 11:45	1.00

Lab Sample ID: 12D1776-BS1

Matrix: Water

Analysis Batch: 12D1776

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1776_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	0.100	0.0991		mg/L		99	85 - 115

Lab Sample ID: 12D1776-MS1

Matrix: Water

Analysis Batch: 12D1776

Client Sample ID: TP-03-FB-040912-00

Prep Type: Total

Prep Batch: 12D1776_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	ND		0.100	0.0995		mg/L		100	85 - 115

Lab Sample ID: 12D1776-MSD1

Matrix: Water

Analysis Batch: 12D1776

Client Sample ID: TP-03-FB-040912-00

Prep Type: Total

Prep Batch: 12D1776_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium (VI)	ND		0.100	0.100		mg/L		100	85 - 115	0.5	10

Lab Sample ID: 12D1776-DUP1

Matrix: Water

Analysis Batch: 12D1776

Client Sample ID: TP-03-FB-040912-00

Prep Type: Total

Prep Batch: 12D1776_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Chromium (VI)	ND		ND		mg/L			10

Method: SW846 9012B - General Chemistry Parameters

Lab Sample ID: 12D2078-BLK1

Matrix: Water

Analysis Batch: 12D2078

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D2078_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		0.00500	0.00250	mg/L		04/12/12 14:15	04/17/12 07:50	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Method: SW846 9012B - General Chemistry Parameters (Continued)

Lab Sample ID: 12D2078-BS1

Matrix: Water

Analysis Batch: 12D2078

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D2078_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide			0.200	0.191		mg/L		95	90 - 110

Lab Sample ID: 12D2078-MS1

Matrix: Water

Analysis Batch: 12D2078

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D2078_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	ND		0.100	0.00652	M8	mg/L		7	70 - 130

Lab Sample ID: 12D2078-MSD1

Matrix: Water

Analysis Batch: 12D2078

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D2078_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD RPD	Limit
Cyanide	ND		0.100	0.0234	M8 R2	mg/L		23	70 - 130	113	20

Lab Sample ID: 12D2078-DUP1

Matrix: Water

Analysis Batch: 12D2078

Client Sample ID: Duplicate

Prep Type: Total

Prep Batch: 12D2078_P

Analyte	Sample Result	Sample Qualifier		Duplicate Result	Duplicate Qualifier	Unit	D			RPD RPD	Limit
Cyanide	0.0512			0.0100	R2	mg/L				134	20

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

GCMS Volatiles

Analysis Batch: V006108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1561-BLK1	Method Blank	Total	Water	SW846 8260B	12D1561_P
12D1561-BS1	Lab Control Sample	Total	Water	SW846 8260B	12D1561_P
12D1561-MS1	Matrix Spike	Total	Water	SW846 8260B	12D1561_P
12D1561-MSD1	Matrix Spike Duplicate	Total	Water	SW846 8260B	12D1561_P
NWD0925-01	TP-03-FB-040912-00	Total	Water	SW846 8260B	12D1561_P
NWD0925-02	TP-10-EB-040912-00	Total	Water	SW846 8260B	12D1561_P
NWD0925-03	Trip Blank	Total	Water	SW846 8260B	12D1561_P

Prep Batch: 12D1561_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1561-BLK1	Method Blank	Total	Water	EPA 5030B	
12D1561-BS1	Lab Control Sample	Total	Water	EPA 5030B	
12D1561-MS1	Matrix Spike	Total	Water	EPA 5030B	
12D1561-MSD1	Matrix Spike Duplicate	Total	Water	EPA 5030B	
NWD0925-01	TP-03-FB-040912-00	Total	Water	EPA 5030B	
NWD0925-02	TP-10-EB-040912-00	Total	Water	EPA 5030B	
NWD0925-03	Trip Blank	Total	Water	EPA 5030B	

GCMS Semivolatiles

Analysis Batch: 12D1774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1774-BLK1	Method Blank	Total	Water	SW846 8270C	12D1774_P
12D1774-BS1	Lab Control Sample	Total	Water	SW846 8270C	12D1774_P
12D1774-BS2	Lab Control Sample	Total	Water	SW846 8270C	12D1774_P
NWD0925-01	TP-03-FB-040912-00	Total	Water	SW846 8270C	12D1774_P
NWD0925-02	TP-10-EB-040912-00	Total	Water	SW846 8270C	12D1774_P

Prep Batch: 12D1774_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1774-BLK1	Method Blank	Total	Water	EPA 3510C	
12D1774-BS1	Lab Control Sample	Total	Water	EPA 3510C	
12D1774-BS2	Lab Control Sample	Total	Water	EPA 3510C	
NWD0925-01	TP-03-FB-040912-00	Total	Water	EPA 3510C	
NWD0925-02	TP-10-EB-040912-00	Total	Water	EPA 3510C	

Pesticides

Analysis Batch: V005894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1761-BLK1	Method Blank	Total	Water	SW846 8015B	12D1761_P
12D1761-BS1	Lab Control Sample	Total	Water	SW846 8015B	12D1761_P
12D1761-MS1	TP-03-FB-040912-00	Total	Water	SW846 8015B	12D1761_P
12D1761-MSD1	TP-03-FB-040912-00	Total	Water	SW846 8015B	12D1761_P
NWD0925-01	TP-03-FB-040912-00	Total	Water	SW846 8015B	12D1761_P
NWD0925-02	TP-10-EB-040912-00	Total	Water	SW846 8015B	12D1761_P

Analysis Batch: V005920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1773-BLK1	Method Blank	Total	Water	SW846 8082	12D1773_P
12D1773-BS1	Lab Control Sample	Total	Water	SW846 8082	12D1773_P
NWD0925-01	TP-03-FB-040912-00	Total	Water	SW846 8082	12D1773_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Pesticides (Continued)

Analysis Batch: V005920 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0925-02	TP-10-EB-040912-00	Total	Water	SW846 8082	12D1773_P

Prep Batch: 12D1761_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1761-BLK1	Method Blank	Total	Water	NO PREP-PEST	
12D1761-BS1	Lab Control Sample	Total	Water	NO PREP-PEST	
12D1761-MS1	TP-03-FB-040912-00	Total	Water	NO PREP-PEST	
12D1761-MSD1	TP-03-FB-040912-00	Total	Water	NO PREP-PEST	
NWD0925-01	TP-03-FB-040912-00	Total	Water	NO PREP-PEST	
NWD0925-02	TP-10-EB-040912-00	Total	Water	NO PREP-PEST	

Prep Batch: 12D1773_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1773-BLK1	Method Blank	Total	Water	EPA 3510C/3665A	
12D1773-BS1	Lab Control Sample	Total	Water	EPA 3510C/3665A	
NWD0925-01	TP-03-FB-040912-00	Total	Water	EPA 3510C/3665A	
NWD0925-02	TP-10-EB-040912-00	Total	Water	EPA 3510C/3665A	

Metals

Analysis Batch: 12D1942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1942-BLK1	Method Blank	Total	Water	SW846 7470A	12D1942_P
12D1942-BS1	Lab Control Sample	Total	Water	SW846 7470A	12D1942_P
12D1942-BSD1	Lab Control Sample Dup	Total	Water	SW846 7470A	12D1942_P
12D1942-MS1	Matrix Spike	Total	Water	SW846 7470A	12D1942_P
12D1942-MSD1	Matrix Spike Duplicate	Total	Water	SW846 7470A	12D1942_P
NWD0925-01	TP-03-FB-040912-00	Total	Water	SW846 7470A	12D1942_P
NWD0925-02	TP-10-EB-040912-00	Total	Water	SW846 7470A	12D1942_P

Analysis Batch: 12D2513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2513-BLK1	Method Blank	Total	Water	SW846 6020	12D2513_P
12D2513-BS1	Lab Control Sample	Total	Water	SW846 6020	12D2513_P
12D2513-BSD1	Lab Control Sample Dup	Total	Water	SW846 6020	12D2513_P
12D2513-MS1	Matrix Spike	Total	Water	SW846 6020	12D2513_P
12D2513-MSD1	Matrix Spike Duplicate	Total	Water	SW846 6020	12D2513_P
NWD0925-01	TP-03-FB-040912-00	Total	Water	SW846 6020	12D2513_P
NWD0925-02	TP-10-EB-040912-00	Total	Water	SW846 6020	12D2513_P

Prep Batch: 12D1942_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1942-BLK1	Method Blank	Total	Water	EPA 7470	
12D1942-BS1	Lab Control Sample	Total	Water	EPA 7470	
12D1942-BSD1	Lab Control Sample Dup	Total	Water	EPA 7470	
12D1942-MS1	Matrix Spike	Total	Water	EPA 7470	
12D1942-MSD1	Matrix Spike Duplicate	Total	Water	EPA 7470	
NWD0925-01	TP-03-FB-040912-00	Total	Water	EPA 7470	
NWD0925-02	TP-10-EB-040912-00	Total	Water	EPA 7470	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Metals (Continued)

Prep Batch: 12D2513_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2513-BLK1	Method Blank	Total	Water	EPA 3010A / 6020	
12D2513-BS1	Lab Control Sample	Total	Water	EPA 3010A / 6020	
12D2513-BSD1	Lab Control Sample Dup	Total	Water	EPA 3010A / 6020	
12D2513-MS1	Matrix Spike	Total	Water	EPA 3010A / 6020	
12D2513-MSD1	Matrix Spike Duplicate	Total	Water	EPA 3010A / 6020	
NWD0925-01	TP-03-FB-040912-00	Total	Water	EPA 3010A / 6020	
NWD0925-02	TP-10-EB-040912-00	Total	Water	EPA 3010A / 6020	

WetChem

Analysis Batch: 12D1776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1776-BLK1	Method Blank	Total	Water	SW846 7196A	12D1776_P
12D1776-BS1	Lab Control Sample	Total	Water	SW846 7196A	12D1776_P
12D1776-DUP1	TP-03-FB-040912-00	Total	Water	SW846 7196A	12D1776_P
12D1776-MS1	TP-03-FB-040912-00	Total	Water	SW846 7196A	12D1776_P
12D1776-MSD1	TP-03-FB-040912-00	Total	Water	SW846 7196A	12D1776_P
NWD0925-01	TP-03-FB-040912-00	Total	Water	SW846 7196A	12D1776_P
NWD0925-02	TP-10-EB-040912-00	Total	Water	SW846 7196A	12D1776_P

Analysis Batch: 12D2078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2078-BLK1	Method Blank	Total	Water	SW846 9012B	12D2078_P
12D2078-BS1	Lab Control Sample	Total	Water	SW846 9012B	12D2078_P
12D2078-DUP1	Duplicate	Total	Water	SW846 9012B	12D2078_P
12D2078-MS1	Matrix Spike	Total	Water	SW846 9012B	12D2078_P
12D2078-MSD1	Matrix Spike Duplicate	Total	Water	SW846 9012B	12D2078_P
NWD0925-01	TP-03-FB-040912-00	Total	Water	SW846 9012B	12D2078_P
NWD0925-02	TP-10-EB-040912-00	Total	Water	SW846 9012B	12D2078_P

Prep Batch: 12D1776_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1776-BLK1	Method Blank	Total	Water	NO PREP	
12D1776-BS1	Lab Control Sample	Total	Water	NO PREP	
12D1776-DUP1	TP-03-FB-040912-00	Total	Water	NO PREP	
12D1776-MS1	TP-03-FB-040912-00	Total	Water	NO PREP	
12D1776-MSD1	TP-03-FB-040912-00	Total	Water	NO PREP	
NWD0925-01	TP-03-FB-040912-00	Total	Water	NO PREP	
NWD0925-02	TP-10-EB-040912-00	Total	Water	NO PREP	

Prep Batch: 12D2078_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2078-BLK1	Method Blank	Total	Water	NO PREP	
12D2078-BS1	Lab Control Sample	Total	Water	NO PREP	
12D2078-DUP1	Duplicate	Total	Water	NO PREP	
12D2078-MS1	Matrix Spike	Total	Water	NO PREP	
12D2078-MSD1	Matrix Spike Duplicate	Total	Water	NO PREP	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

WetChem (Continued)

Prep Batch: 12D2078_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0925-01	TP-03-FB-040912-00	Total	Water	NO PREP	
NWD0925-02	TP-10-EB-040912-00	Total	Water	NO PREP	

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Client Sample ID: TP-03-FB-040912-00

Date Collected: 04/09/12 12:26

Date Received: 04/10/12 08:00

Lab Sample ID: NWD0925-01

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12D1561_P	04/10/12 11:01	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006108	04/12/12 17:03	JJR	TAL NSH
Total	Prep	EPA 3510C		0.943	12D1774_P	04/10/12 14:30	MWT	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1774	04/10/12 20:49	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1761_P	04/11/12 13:15	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005894	04/11/12 15:38	WAM	TAL NSH
Total	Prep	EPA 3510C/3665A		94.3	12D1773_P	04/10/12 13:10	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005920	04/11/12 16:15	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12D2513_P	04/13/12 09:18	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	12D2513	04/16/12 17:16	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12D1942_P	04/11/12 11:10	ALJ	TAL NSH
Total	Analysis	SW846 7470A		1.00	12D1942	04/11/12 14:05	ALJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1776	04/10/12 11:45	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D1776_P	04/10/12 11:45	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D2078_P	04/12/12 14:15	SNG	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D2078	04/17/12 07:59	MLM	TAL NSH

Client Sample ID: TP-10-EB-040912-00

Date Collected: 04/09/12 13:05

Date Received: 04/10/12 08:00

Lab Sample ID: NWD0925-02

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12D1561_P	04/10/12 11:01	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006108	04/12/12 17:28	JJR	TAL NSH
Total	Prep	EPA 3510C		0.943	12D1774_P	04/10/12 14:30	MWT	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1774	04/10/12 21:07	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1761_P	04/11/12 13:15	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005894	04/11/12 15:53	WAM	TAL NSH
Total	Prep	EPA 3510C/3665A		94.3	12D1773_P	04/10/12 13:10	JJR	TAL NSH
Total	Analysis	SW846 8082		1.00	V005920	04/11/12 16:36	WAM	TAL NSH
Total	Prep	EPA 3010A / 6020		1.00	12D2513_P	04/13/12 09:18	MET	TAL NSH
Total	Analysis	SW846 6020		1.00	12D2513	04/16/12 17:20	MET	TAL NSH
Total	Prep	EPA 7470		1.00	12D1942_P	04/11/12 11:10	ALJ	TAL NSH
Total	Analysis	SW846 7470A		1.00	12D1942	04/11/12 14:07	ALJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D1776	04/10/12 11:58	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D1776_P	04/10/12 11:58	CLJ	TAL NSH
Total	Prep	NO PREP		1.00	12D2078_P	04/12/12 14:15	SNG	TAL NSH
Total	Analysis	SW846 9012B		1.00	12D2078	04/17/12 07:59	MLM	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Client Sample ID: Trip Blank
Date Collected: 04/09/12 00:01
Date Received: 04/10/12 08:00

Lab Sample ID: NWD0925-03
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12D1561_P	04/10/12 11:01	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006108	04/12/12 17:54	JJR	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Method Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Method	Method Description	Protocol	Laboratory
SW846 8260B	Volatile Organic Compounds by EPA Method 8260B		TAL NSH
SW846 8270C	Semivolatile Organic Compounds by EPA Method 8270C		TAL NSH
SW846 8015B	Glycols by EPA Method 8015 (modified)		TAL NSH
SW846 8082	Polychlorinated Biphenyls by EPA Method 8082		TAL NSH
SW846 6020	Total Metals by Method 6020		TAL NSH
SW846 7470A	Mercury by EPA Methods 7470A/7471A		TAL NSH
SW846 7196A	General Chemistry Parameters		TAL NSH
SW846 9012B	General Chemistry Parameters		TAL NSH

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Certification Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0925

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Nashville		ACIL		393
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska (UST)	State Program	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas DEQ	State Program	6	88-0737
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Canadian Assoc Lab Accred (CALA)	Canada		3744
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Florida	NELAC	4	E87358
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Kentucky (UST)	State Program	4	19
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Louisiana	NELAC	6	LA110014
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana (UST)	State Program	8	NA
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina DENR	State Program	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio VAP	State Program	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	USDA	Federal		S-48469
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	NELAC	3	460152
TestAmerica Nashville	Virginia	State Program	3	00323
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia DEP	State Program	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430
TestAmerica Nashville	Wyoming (UST)	A2LA	8	453.07

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

COOLER RE



Cooler Received/Opened On 4/10/2012 @ 0800

NWD0925

1. Tracking # 2438 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 5.1 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: (1) Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) W

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) LG

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) LG

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) LG

I certify that I attached a label with the unique LIMS number to each container (initial) LG

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#

Client: Haley & Aldrich (Lenexa)

Address: 8735 Rosehill Road, Suite 340

City, State, Zip: Lenexa KS 66215-6949

Client Invoice Contact: Accounts Payable

Client Project Mgr: Mariruth Gruis

Client Telephone#: (913) 217-6907 Fax: (913) 217-6957

Sampler Name (Print) John Knightly

Sampler Signature: [Signature]

TA Account #: 532031

PO #: _____

Invoice to: Haley & Aldrich

Report to: Mariruth Gruis

Project Name: Leeds Facility

Facility ID: [none]

Reg District (CA): _____

Site Address: _____

City, State, Zip: _____

NWD0925

04/19/12 23:59

Missouri.

Sample ID		Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other	8015B Ethylene Glycol	8082 PCBs	8260B Extended List VOA	8270C Extended SVOA	Chromium, Hexavalent by EPA 7196	Cyanide Total 9012B	Flashpoint 1010 Closed Cup	Metals, TAL (23) 6010/7471 soil	pH 9040C (+T)	Solids Percent Dry Weight	AL MET WATER 6020/6010B/7470A
Sample ID		Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other	8015B Ethylene Glycol	8082 PCBs	8260B Extended List VOA	8270C Extended SVOA	Chromium, Hexavalent by EPA 7196	Cyanide Total 9012B	Flashpoint 1010 Closed Cup	Metals, TAL (23) 6010/7471 soil	pH 9040C (+T)	Solids Percent Dry Weight	AL MET WATER 6020/6010B/7470A
TP-03-FB-040912-00		4/9/12	1226	13	X										X						X	X	X	X	X	X	X					X
TP-10-EB-040912-00		4/9/12	1305	13	X										X						X	X	X	X	X	X	X					X
Trip Blank		-	-	2																	X											

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: **BO # 28973**

Relinquished by: <u>[Signature]</u>	Date: <u>4/9/12</u>	Time: <u>1830</u>	Received by: _____	Date: _____	Time: _____	Relinquished by: _____	Date: _____	Time: _____
Shipped Via: _____			Shipped Via: _____			QC Deliverables (Please Circle One): Level 2 Level 3 Level 4 Site Specific		Date Due of Report: _____
Received for TestAmerica by: <u>[Signature]</u>			Temperature Upon Receipt: <u>51</u>			Sample Containers Intact? Y N VOCs Free of Headpace? Y N		

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

2960 Foster Creighton Road

Nashville, TN 37204

Tel: 800-765-0980

TestAmerica Job ID: NWD0929

Client Project/Site: [none]

Client Project Description: Leeds Facility

For:

Haley & Aldrich (Lenexa)

8735 Rosehill Road, Suite 340

Lenexa, KS 66215-6949

Attn: Mariruth Gruis

Roxanne L. Connor

Authorized for release by:

4/26/2012 2:54:07 PM

Roxanne Connor

Program Manager - Conventional Accounts

roxanne.connor@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
NWD0929-01	TP-03-SS-040912-00	Soil	04/09/12 13:15	04/10/12 08:00
NWD0929-02	TP-03-S0-040912-11	Soil	04/09/12 14:13	04/10/12 08:00
NWD0929-03	TP-09-SS-040912-00	Soil	04/09/12 15:49	04/10/12 08:00
NWD0929-04	TP-10-SS-040912-00	Soil	04/09/12 09:45	04/10/12 08:00
NWD0929-05	TP-10-SO-040912-06	Soil	04/09/12 10:27	04/10/12 08:00
NWD0929-06	TP-50-SS-040912-00	Soil	04/09/12 00:01	04/10/12 08:00
NWD0929-07	TP-50-SO-040912-06	Soil	04/09/12 00:01	04/10/12 08:00
NWD0929-08	TP-51-SS-040912-00	Soil	04/09/12 00:01	04/10/12 08:00
NWD0929-09	TP-51-SO-040912-11	Soil	04/09/12 00:01	04/10/12 08:00
NWD0929-10	Trip Blank	Water	04/09/12 00:01	04/10/12 08:00
NWD0929-11	Dumpster	Soil	04/09/12 16:20	04/10/12 08:00

Definitions/Glossary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
R2	The RPD exceeded the acceptance limit.
B	Analyte was detected in the associated Method Blank.
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.

GCMS Semivolatiles

Qualifier	Qualifier Description
L2	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
R2	The RPD exceeded the acceptance limit.

Pesticides

Qualifier	Qualifier Description
MNR	No results were reported for the MS/MSD. The sample used for the MS/MSD required dilution due to the sample matrix. Because of this, the spike compounds were diluted below the detection limit.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
QSU	Sulfur (EPA 3660) clean-up performed on extract.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Metals

Qualifier	Qualifier Description
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

WetChem

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control

Definitions/Glossary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-03-SS-040912-00

Lab Sample ID: NWD0929-01

Date Collected: 04/09/12 13:15

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 81.5

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0482	0.0241	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Benzene	ND		0.00193	0.00106	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Bromochloromethane	ND		0.00193	0.00116	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Bromodichloromethane	ND		0.00193	0.000965	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Bromoform	ND		0.00193	0.000965	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Bromomethane	ND		0.00193	0.00116	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
2-Butanone	ND		0.0482	0.0241	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Carbon disulfide	ND		0.00482	0.00347	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Carbon Tetrachloride	ND		0.00193	0.000965	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Chlorobenzene	ND		0.00193	0.00106	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Chlorodibromomethane	ND		0.00193	0.000965	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Chloroethane	ND		0.00482	0.00241	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Chloroform	ND		0.00193	0.00125	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Chloromethane	ND		0.00193	0.00106	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Cyclohexane	ND		0.00965	0.00482	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
1,2-Dibromo-3-chloropropane	ND		0.00482	0.00241	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
1,2-Dibromoethane (EDB)	ND		0.00193	0.000965	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
1,2-Dichlorobenzene	ND		0.00193	0.000965	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
1,3-Dichlorobenzene	ND		0.00193	0.00116	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
1,4-Dichlorobenzene	ND		0.00193	0.00106	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Dichlorodifluoromethane	ND		0.00193	0.00135	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
1,2-Dichloroethane	ND		0.00193	0.00106	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
1,1-Dichloroethane	ND		0.00193	0.00125	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
1,1-Dichloroethene	ND		0.00193	0.00116	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
trans-1,2-Dichloroethene	ND		0.00193	0.00125	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
cis-1,2-Dichloroethene	ND		0.00193	0.00106	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
1,2-Dichloropropane	ND		0.00193	0.000965	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
trans-1,3-Dichloropropene	ND		0.00193	0.000965	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
cis-1,3-Dichloropropene	ND		0.00193	0.000965	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Ethylbenzene	ND		0.00193	0.00106	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
2-Hexanone	ND		0.0482	0.0241	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Isopropylbenzene	ND		0.00193	0.00106	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Methyl Acetate	ND		0.00965	0.00482	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Methylcyclohexane	ND		0.00965	0.00482	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Methyl tert-Butyl Ether	ND		0.00193	0.000965	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Methylene Chloride	ND		0.00965	0.00482	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
4-Methyl-2-pentanone	ND		0.0482	0.0241	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
n-Propylbenzene	ND		0.00193	0.00106	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Styrene	ND		0.00193	0.00106	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
1,1,2,2-Tetrachloroethane	ND		0.00193	0.000965	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Tetrachloroethene	ND		0.00193	0.00125	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Tetrahydrofuran	ND		0.0193	0.00965	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Toluene	ND		0.00193	0.00106	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
1,2,4-Trichlorobenzene	ND		0.00193	0.00116	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
1,1,1-Trichloroethane	ND		0.00193	0.000965	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
1,1,2-Trichloroethane	ND		0.00482	0.00241	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Trichloroethene	ND		0.00193	0.000965	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Trichlorofluoromethane	ND		0.00193	0.000965	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Vinyl chloride	ND		0.00193	0.000965	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
Xylenes, total	ND		0.00482	0.00241	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00193	0.00106	mg/kg dry	☼	04/09/12 13:15	04/16/12 17:47	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-03-SS-040912-00

Lab Sample ID: NWD0929-01

Date Collected: 04/09/12 13:15

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 81.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	105		70 - 130	04/09/12 13:15	04/16/12 17:47	1.00
Dibromofluoromethane	101		70 - 130	04/09/12 13:15	04/16/12 17:47	1.00
Toluene-d8	103		70 - 130	04/09/12 13:15	04/16/12 17:47	1.00
4-Bromofluorobenzene	97		70 - 130	04/09/12 13:15	04/16/12 17:47	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0438	J	0.0808	0.0410	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Acenaphthylene	ND		0.0808	0.0410	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Acetophenone	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Anthracene	0.0696	J	0.0808	0.0410	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Atrazine	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Benzaldehyde	ND	L2	2.01	1.01	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Benzo (a) anthracene	0.207		0.0808	0.0410	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Benzo (b) fluoranthene	0.176		0.0808	0.0410	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Benzo (a) pyrene	0.209		0.0808	0.0410	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Benzo (g,h,i) perylene	0.151		0.0808	0.0410	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Benzo (k) fluoranthene	0.181		0.0808	0.0410	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Biphenyl	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
4-Bromophenyl phenyl ether	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Butyl benzyl phthalate	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
4-Chloro-3-methylphenol	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
4-Chloroaniline	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Caprolactam	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Carbazole	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
2-Chloronaphthalene	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Bis(2-chloroethoxy)methane	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Bis(2-chloroethyl)ether	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Bis(2-chloroisopropyl)ether	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
2-Chlorophenol	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
4-Chlorophenyl phenyl ether	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Chrysene	0.208		0.0808	0.0410	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Dibenz (a,h) anthracene	0.0659	J	0.0808	0.0410	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Dibenzofuran	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Di-n-butyl phthalate	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
3,3-Dichlorobenzidine	ND		0.804	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
2,4-Dichlorophenol	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Diethyl phthalate	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
2,4-Dimethylphenol	ND		0.402	0.232	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Dimethyl phthalate	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
4,6-Dinitro-2-methylphenol	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
2,4-Dinitrophenol	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
2,6-Dinitrotoluene	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
2,4-Dinitrotoluene	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Di-n-octyl phthalate	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Bis(2-ethylhexyl)phthalate	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Fluoranthene	0.382		0.0808	0.0410	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Fluorene	ND		0.0808	0.0410	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Hexachlorobenzene	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Hexachlorobutadiene	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Hexachlorocyclopentadiene	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Hexachloroethane	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-03-SS-040912-00

Lab Sample ID: NWD0929-01

Date Collected: 04/09/12 13:15

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 81.5

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	0.117		0.0808	0.0410	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Isophorone	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
2-Methylnaphthalene	ND		0.0808	0.0410	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
2-Methylphenol	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Naphthalene	ND		0.0808	0.0410	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
2-Nitroaniline	ND		1.00	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
3-Nitroaniline	ND		1.00	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
4-Nitroaniline	ND		1.00	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Nitrobenzene	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
2-Nitrophenol	ND		0.402	0.236	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
4-Nitrophenol	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
N-Nitrosodiphenylamine	ND		0.402	0.221	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
N-Nitrosodi-n-propylamine	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Pentachlorophenol	ND		1.00	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Phenanthrene	0.152		0.0808	0.0410	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Phenol	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
Pyrene	0.297		0.0808	0.0410	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
2,4,5-Trichlorophenol	ND		1.00	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00
2,4,6-Trichlorophenol	ND		0.402	0.201	mg/kg dry	☼	04/12/12 08:26	04/12/12 17:47	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	54		17 - 120	04/12/12 08:26	04/12/12 17:47	1.00
Phenol-d5	58		18 - 120	04/12/12 08:26	04/12/12 17:47	1.00
2-Fluorobiphenyl	62		14 - 120	04/12/12 08:26	04/12/12 17:47	1.00
Nitrobenzene-d5	55		17 - 120	04/12/12 08:26	04/12/12 17:47	1.00
Terphenyl-d14	78		18 - 120	04/12/12 08:26	04/12/12 17:47	1.00
2,4,6-Tribromophenol	64		19 - 120	04/12/12 08:26	04/12/12 17:47	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		14.5	7.27	mg/kg dry	☼	04/10/12 15:30	04/10/12 18:56	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	86		60 - 140	04/10/12 15:30	04/10/12 18:56	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0404	0.0255	mg/kg dry	☼	04/12/12 07:52	04/13/12 12:29	1.00
PCB-1221	ND		0.0404	0.0206	mg/kg dry	☼	04/12/12 07:52	04/13/12 12:29	1.00
PCB-1232	ND		0.0404	0.0206	mg/kg dry	☼	04/12/12 07:52	04/13/12 12:29	1.00
PCB-1242	ND		0.0404	0.0316	mg/kg dry	☼	04/12/12 07:52	04/13/12 12:29	1.00
PCB-1248	ND		0.0404	0.0364	mg/kg dry	☼	04/12/12 07:52	04/13/12 12:29	1.00
PCB-1254	ND		0.0404	0.0206	mg/kg dry	☼	04/12/12 07:52	04/13/12 12:29	1.00
PCB-1260	ND		0.0404	0.0340	mg/kg dry	☼	04/12/12 07:52	04/13/12 12:29	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	82		19 - 147	04/12/12 07:52	04/13/12 12:29	1.00
Decachlorobiphenyl	116		20 - 150	04/12/12 07:52	04/13/12 12:29	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.3	0.947	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:12	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-03-SS-040912-00

Lab Sample ID: NWD0929-01

Date Collected: 04/09/12 13:15

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 81.5

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.68		1.23	0.615	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:12	1.00
Barium	250		2.46	0.738	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:12	1.00
Beryllium	1.01	J	1.23	0.615	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:12	1.00
Cadmium	0.0984	J	1.23	0.0738	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:12	1.00
Chromium	20.2		1.23	0.615	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:12	1.00
Cobalt	10.9		3.69	0.307	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:12	1.00
Copper	20.5		2.46	1.60	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:12	1.00
Lead	21.0		1.23	0.615	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:12	1.00
Manganese	272		3.69	3.07	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:12	1.00
Nickel	29.5		2.46	0.307	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:12	1.00
Selenium	ND		2.46	1.23	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:12	1.00
Silver	ND		1.23	0.246	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:12	1.00
Thallium	ND		2.46	0.492	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:12	1.00
Vanadium	32.6		12.3	2.74	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:12	1.00
Zinc	120		12.3	6.15	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:12	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046	J	0.12	0.030	mg/kg dry	☼	04/11/12 13:45	04/12/12 10:34	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.45	1.23	mg/kg dry	☼	04/16/12 15:30	04/17/12 11:30	1.00

Method: SW846 9012B - General Chemistry Parameters - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.45	1.23	mg/kg dry	☼	04/17/12 12:22	04/19/12 06:50	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	81.5		0.500	0.500	%	—	04/11/12 15:30	04/12/12 12:33	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-03-S0-040912-11

Lab Sample ID: NWD0929-02

Date Collected: 04/09/12 14:13

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 80.9

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0251	J	0.0490	0.0245	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Benzene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Bromochloromethane	ND		0.00196	0.00118	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Bromodichloromethane	ND		0.00196	0.000981	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Bromoform	ND		0.00196	0.000981	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Bromomethane	ND		0.00196	0.00118	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
2-Butanone	ND		0.0490	0.0245	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Carbon disulfide	ND		0.00490	0.00353	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Carbon Tetrachloride	ND		0.00196	0.000981	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Chlorobenzene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Chlorodibromomethane	ND		0.00196	0.000981	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Chloroethane	ND		0.00490	0.00245	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Chloroform	ND		0.00196	0.00127	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Chloromethane	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Cyclohexane	ND		0.00981	0.00490	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
1,2-Dibromo-3-chloropropane	ND		0.00490	0.00245	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
1,2-Dibromoethane (EDB)	ND		0.00196	0.000981	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
1,2-Dichlorobenzene	ND		0.00196	0.000981	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
1,3-Dichlorobenzene	ND		0.00196	0.00118	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
1,4-Dichlorobenzene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Dichlorodifluoromethane	ND		0.00196	0.00137	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
1,2-Dichloroethane	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
1,1-Dichloroethane	ND		0.00196	0.00127	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
1,1-Dichloroethene	ND		0.00196	0.00118	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
trans-1,2-Dichloroethene	ND		0.00196	0.00127	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
cis-1,2-Dichloroethene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
1,2-Dichloropropane	ND		0.00196	0.000981	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
trans-1,3-Dichloropropene	ND		0.00196	0.000981	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
cis-1,3-Dichloropropene	ND		0.00196	0.000981	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Ethylbenzene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
2-Hexanone	ND		0.0490	0.0245	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Isopropylbenzene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Methyl Acetate	ND		0.00981	0.00490	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Methylcyclohexane	ND		0.00981	0.00490	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Methyl tert-Butyl Ether	ND		0.00196	0.000981	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Methylene Chloride	ND		0.00981	0.00490	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
4-Methyl-2-pentanone	ND		0.0490	0.0245	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
n-Propylbenzene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Styrene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
1,1,2,2-Tetrachloroethane	ND		0.00196	0.000981	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Tetrachloroethene	ND		0.00196	0.00127	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Tetrahydrofuran	ND		0.0196	0.00981	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Toluene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
1,2,4-Trichlorobenzene	ND		0.00196	0.00118	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
1,1,1-Trichloroethane	ND		0.00196	0.000981	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
1,1,2-Trichloroethane	ND		0.00490	0.00245	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Trichloroethene	ND		0.00196	0.000981	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Trichlorofluoromethane	ND		0.00196	0.000981	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Vinyl chloride	ND		0.00196	0.000981	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
Xylenes, total	ND		0.00490	0.00245	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 14:13	04/16/12 18:15	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-03-S0-040912-11

Lab Sample ID: NWD0929-02

Date Collected: 04/09/12 14:13

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 80.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	106		70 - 130	04/09/12 14:13	04/16/12 18:15	1.00
Dibromofluoromethane	100		70 - 130	04/09/12 14:13	04/16/12 18:15	1.00
Toluene-d8	104		70 - 130	04/09/12 14:13	04/16/12 18:15	1.00
4-Bromofluorobenzene	119		70 - 130	04/09/12 14:13	04/16/12 18:15	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0818	0.0415	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Acenaphthylene	ND		0.0818	0.0415	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Acetophenone	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Anthracene	ND		0.0818	0.0415	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Atrazine	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Benzaldehyde	ND	L2	2.04	1.02	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Benzo (a) anthracene	0.0537	J	0.0818	0.0415	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Benzo (b) fluoranthene	0.0667	J	0.0818	0.0415	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Benzo (a) pyrene	0.0631	J	0.0818	0.0415	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Benzo (g,h,i) perylene	0.0529	J	0.0818	0.0415	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Benzo (k) fluoranthene	0.0574	J	0.0818	0.0415	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Biphenyl	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
4-Bromophenyl phenyl ether	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Butyl benzyl phthalate	0.820		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
4-Chloro-3-methylphenol	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
4-Chloroaniline	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Caprolactam	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Carbazole	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
2-Chloronaphthalene	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Bis(2-chloroethoxy)methane	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Bis(2-chloroethyl)ether	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Bis(2-chloroisopropyl)ether	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
2-Chlorophenol	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
4-Chlorophenyl phenyl ether	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Chrysene	0.0570	J	0.0818	0.0415	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Dibenz (a,h) anthracene	ND		0.0818	0.0415	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Dibenzofuran	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Di-n-butyl phthalate	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
3,3-Dichlorobenzidine	ND		0.814	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
2,4-Dichlorophenol	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Diethyl phthalate	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
2,4-Dimethylphenol	ND		0.406	0.234	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Dimethyl phthalate	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
4,6-Dinitro-2-methylphenol	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
2,4-Dinitrophenol	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
2,6-Dinitrotoluene	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
2,4-Dinitrotoluene	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Di-n-octyl phthalate	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Bis(2-ethylhexyl)phthalate	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Fluoranthene	0.0887		0.0818	0.0415	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Fluorene	ND		0.0818	0.0415	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Hexachlorobenzene	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Hexachlorobutadiene	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Hexachlorocyclopentadiene	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Hexachloroethane	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-03-S0-040912-11

Lab Sample ID: NWD0929-02

Date Collected: 04/09/12 14:13

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 80.9

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		0.0818	0.0415	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Isophorone	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
2-Methylnaphthalene	ND		0.0818	0.0415	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
2-Methylphenol	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Naphthalene	ND		0.0818	0.0415	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
2-Nitroaniline	ND		1.02	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
3-Nitroaniline	ND		1.02	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
4-Nitroaniline	ND		1.02	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Nitrobenzene	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
2-Nitrophenol	ND		0.406	0.239	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
4-Nitrophenol	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
N-Nitrosodiphenylamine	ND		0.406	0.223	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
N-Nitrosodi-n-propylamine	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Pentachlorophenol	ND		1.02	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Phenanthrene	ND		0.0818	0.0415	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Phenol	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
Pyrene	0.0736	J	0.0818	0.0415	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
2,4,5-Trichlorophenol	ND		1.02	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00
2,4,6-Trichlorophenol	ND		0.406	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:06	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	48		17 - 120	04/12/12 08:26	04/12/12 18:06	1.00
Phenol-d5	56		18 - 120	04/12/12 08:26	04/12/12 18:06	1.00
2-Fluorobiphenyl	58		14 - 120	04/12/12 08:26	04/12/12 18:06	1.00
Nitrobenzene-d5	54		17 - 120	04/12/12 08:26	04/12/12 18:06	1.00
Terphenyl-d14	73		18 - 120	04/12/12 08:26	04/12/12 18:06	1.00
2,4,6-Tribromophenol	59		19 - 120	04/12/12 08:26	04/12/12 18:06	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		14.7	7.36	mg/kg dry	☼	04/10/12 15:30	04/10/12 19:11	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	107		60 - 140	04/10/12 15:30	04/10/12 19:11	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0410	0.0259	mg/kg dry	☼	04/12/12 07:52	04/17/12 02:37	1.00
PCB-1221	ND		0.0410	0.0209	mg/kg dry	☼	04/12/12 07:52	04/17/12 02:37	1.00
PCB-1232	ND		0.0410	0.0209	mg/kg dry	☼	04/12/12 07:52	04/17/12 02:37	1.00
PCB-1242	ND		0.0410	0.0320	mg/kg dry	☼	04/12/12 07:52	04/17/12 02:37	1.00
PCB-1248	ND		0.0410	0.0370	mg/kg dry	☼	04/12/12 07:52	04/17/12 02:37	1.00
PCB-1254	ND		0.0410	0.0209	mg/kg dry	☼	04/12/12 07:52	04/17/12 02:37	1.00
PCB-1260	0.0394	J	0.0410	0.0345	mg/kg dry	☼	04/12/12 07:52	04/17/12 02:37	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	90		19 - 147	04/12/12 07:52	04/17/12 02:37	1.00
Decachlorobiphenyl	92		20 - 150	04/12/12 07:52	04/17/12 02:37	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.77	J	12.0	0.926	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:25	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-03-S0-040912-11

Lab Sample ID: NWD0929-02

Date Collected: 04/09/12 14:13

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 80.9

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.06		1.20	0.601	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:25	1.00
Barium	351		2.40	0.721	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:25	1.00
Beryllium	0.793	J	1.20	0.601	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:25	1.00
Cadmium	0.938	J	1.20	0.0721	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:25	1.00
Chromium	19.3		1.20	0.601	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:25	1.00
Cobalt	9.69		3.61	0.301	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:25	1.00
Copper	43.4		2.40	1.56	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:25	1.00
Lead	207		1.20	0.601	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:25	1.00
Manganese	600		3.61	3.01	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:25	1.00
Nickel	30.3		2.40	0.301	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:25	1.00
Selenium	1.44	J	2.40	1.20	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:25	1.00
Silver	ND		1.20	0.240	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:25	1.00
Thallium	ND		2.40	0.481	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:25	1.00
Vanadium	26.4		12.0	2.68	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:25	1.00
Zinc	375		12.0	6.01	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:25	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11	J	0.12	0.031	mg/kg dry	☼	04/11/12 13:45	04/12/12 10:36	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	1.66	J	2.47	1.24	mg/kg dry	☼	04/16/12 15:30	04/17/12 11:30	1.00

Method: SW846 9012B - General Chemistry Parameters - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.47	1.24	mg/kg dry	☼	04/17/12 12:22	04/19/12 06:52	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	80.9		0.500	0.500	%	—	04/11/12 15:30	04/12/12 12:33	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-09-SS-040912-00

Lab Sample ID: NWD0929-03

Date Collected: 04/09/12 15:49

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 80.5

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0374	J	0.0513	0.0256	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Benzene	0.00495		0.00205	0.00113	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Bromochloromethane	ND		0.00205	0.00123	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Bromodichloromethane	ND		0.00205	0.00103	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Bromoform	ND		0.00205	0.00103	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Bromomethane	ND		0.00205	0.00123	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
2-Butanone	ND		0.0513	0.0256	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Carbon disulfide	ND		0.00513	0.00369	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Carbon Tetrachloride	ND		0.00205	0.00103	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Chlorobenzene	ND		0.00205	0.00113	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Chlorodibromomethane	ND		0.00205	0.00103	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Chloroethane	ND		0.00513	0.00256	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Chloroform	ND		0.00205	0.00133	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Chloromethane	ND		0.00205	0.00113	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Cyclohexane	ND		0.0103	0.00513	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
1,2-Dibromo-3-chloropropane	ND		0.00513	0.00256	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
1,2-Dibromoethane (EDB)	ND		0.00205	0.00103	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
1,2-Dichlorobenzene	ND		0.00205	0.00103	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
1,3-Dichlorobenzene	ND		0.00205	0.00123	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
1,4-Dichlorobenzene	ND		0.00205	0.00113	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Dichlorodifluoromethane	ND		0.00205	0.00144	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
1,2-Dichloroethane	ND		0.00205	0.00113	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
1,1-Dichloroethane	ND		0.00205	0.00133	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
1,1-Dichloroethene	ND		0.00205	0.00123	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
trans-1,2-Dichloroethene	ND		0.00205	0.00133	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
cis-1,2-Dichloroethene	ND		0.00205	0.00113	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
1,2-Dichloropropane	ND		0.00205	0.00103	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
trans-1,3-Dichloropropene	ND		0.00205	0.00103	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
cis-1,3-Dichloropropene	ND		0.00205	0.00103	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Ethylbenzene	ND		0.00205	0.00113	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
2-Hexanone	ND		0.0513	0.0256	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Isopropylbenzene	0.00170	J	0.00205	0.00113	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Methyl Acetate	ND		0.0103	0.00513	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Methylcyclohexane	ND		0.0103	0.00513	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Methyl tert-Butyl Ether	ND		0.00205	0.00103	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Methylene Chloride	ND		0.0103	0.00513	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
4-Methyl-2-pentanone	ND		0.0513	0.0256	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
n-Propylbenzene	0.00271		0.00205	0.00113	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Styrene	ND		0.00205	0.00113	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
1,1,2,2-Tetrachloroethane	ND		0.00205	0.00103	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Tetrachloroethene	ND		0.00205	0.00133	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Tetrahydrofuran	ND		0.0205	0.0103	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Toluene	0.00177	J	0.00205	0.00113	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
1,2,4-Trichlorobenzene	ND		0.00205	0.00123	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
1,1,1-Trichloroethane	ND		0.00205	0.00103	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
1,1,2-Trichloroethane	ND		0.00513	0.00256	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Trichloroethene	ND		0.00205	0.00103	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Trichlorofluoromethane	ND		0.00205	0.00103	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Vinyl chloride	ND		0.00205	0.00103	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
Xylenes, total	0.00288	J	0.00513	0.00256	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00205	0.00113	mg/kg dry	☼	04/09/12 15:49	04/16/12 18:43	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-09-SS-040912-00

Lab Sample ID: NWD0929-03

Date Collected: 04/09/12 15:49

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 80.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	103		70 - 130	04/09/12 15:49	04/16/12 18:43	1.00
Dibromofluoromethane	101		70 - 130	04/09/12 15:49	04/16/12 18:43	1.00
Toluene-d8	104		70 - 130	04/09/12 15:49	04/16/12 18:43	1.00
4-Bromofluorobenzene	106		70 - 130	04/09/12 15:49	04/16/12 18:43	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.120		0.0820	0.0416	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Acenaphthylene	ND		0.0820	0.0416	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Acetophenone	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Anthracene	0.407		0.0820	0.0416	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Atrazine	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Benzaldehyde	ND	L2	2.04	1.02	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Benzo (a) anthracene	0.873		0.0820	0.0416	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Benzo (b) fluoranthene	0.744		0.0820	0.0416	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Benzo (a) pyrene	0.777		0.0820	0.0416	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Benzo (g,h,i) perylene	0.468		0.0820	0.0416	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Benzo (k) fluoranthene	0.609		0.0820	0.0416	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Biphenyl	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
4-Bromophenyl phenyl ether	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Butyl benzyl phthalate	0.355	J	0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
4-Chloro-3-methylphenol	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
4-Chloroaniline	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Caprolactam	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Carbazole	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
2-Chloronaphthalene	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Bis(2-chloroethoxy)methane	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Bis(2-chloroethyl)ether	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Bis(2-chloroisopropyl)ether	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
2-Chlorophenol	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
4-Chlorophenyl phenyl ether	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Chrysene	0.838		0.0820	0.0416	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Dibenz (a,h) anthracene	0.218		0.0820	0.0416	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Dibenzofuran	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Di-n-butyl phthalate	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
3,3-Dichlorobenzidine	ND		0.817	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
2,4-Dichlorophenol	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Diethyl phthalate	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
2,4-Dimethylphenol	ND		0.408	0.235	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Dimethyl phthalate	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
4,6-Dinitro-2-methylphenol	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
2,4-Dinitrophenol	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
2,6-Dinitrotoluene	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
2,4-Dinitrotoluene	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Di-n-octyl phthalate	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Bis(2-ethylhexyl)phthalate	0.429		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Fluoranthene	1.99		0.0820	0.0416	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Fluorene	0.133		0.0820	0.0416	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Hexachlorobenzene	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Hexachlorobutadiene	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Hexachlorocyclopentadiene	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Hexachloroethane	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-09-SS-040912-00

Lab Sample ID: NWD0929-03

Date Collected: 04/09/12 15:49

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 80.5

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	0.424		0.0820	0.0416	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Isophorone	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
2-Methylnaphthalene	0.0441	J	0.0820	0.0416	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
2-Methylphenol	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Naphthalene	0.0800	J	0.0820	0.0416	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
2-Nitroaniline	ND		1.02	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
3-Nitroaniline	ND		1.02	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
4-Nitroaniline	ND		1.02	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Nitrobenzene	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
2-Nitrophenol	ND		0.408	0.240	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
4-Nitrophenol	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
N-Nitrosodiphenylamine	ND		0.408	0.224	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
N-Nitrosodi-n-propylamine	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Pentachlorophenol	ND		1.02	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Phenanthrene	1.09		0.0820	0.0416	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Phenol	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
Pyrene	1.66		0.0820	0.0416	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
2,4,5-Trichlorophenol	ND		1.02	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00
2,4,6-Trichlorophenol	ND		0.408	0.204	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:24	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	49		17 - 120	04/12/12 08:26	04/12/12 18:24	1.00
Phenol-d5	54		18 - 120	04/12/12 08:26	04/12/12 18:24	1.00
2-Fluorobiphenyl	59		14 - 120	04/12/12 08:26	04/12/12 18:24	1.00
Nitrobenzene-d5	56		17 - 120	04/12/12 08:26	04/12/12 18:24	1.00
Terphenyl-d14	84		18 - 120	04/12/12 08:26	04/12/12 18:24	1.00
2,4,6-Tribromophenol	63		19 - 120	04/12/12 08:26	04/12/12 18:24	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		14.8	7.42	mg/kg dry	☼	04/10/12 15:30	04/10/12 19:27	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	103		60 - 140	04/10/12 15:30	04/10/12 19:27	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	QSU	0.0404	0.0255	mg/kg dry	☼	04/12/12 07:52	04/17/12 02:58	1.00
PCB-1221	ND	QSU	0.0404	0.0206	mg/kg dry	☼	04/12/12 07:52	04/17/12 02:58	1.00
PCB-1232	ND	QSU	0.0404	0.0206	mg/kg dry	☼	04/12/12 07:52	04/17/12 02:58	1.00
PCB-1242	ND	QSU	0.0404	0.0315	mg/kg dry	☼	04/12/12 07:52	04/17/12 02:58	1.00
PCB-1248	ND	QSU	0.0404	0.0364	mg/kg dry	☼	04/12/12 07:52	04/17/12 02:58	1.00
PCB-1254	0.144	QSU	0.0404	0.0206	mg/kg dry	☼	04/12/12 07:52	04/17/12 02:58	1.00
PCB-1260	ND	QSU	0.0404	0.0340	mg/kg dry	☼	04/12/12 07:52	04/17/12 02:58	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	76		19 - 147	04/12/12 07:52	04/17/12 02:58	1.00
Decachlorobiphenyl	78		20 - 150	04/12/12 07:52	04/17/12 02:58	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	5.13	J	12.2	0.940	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:28	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-09-SS-040912-00

Lab Sample ID: NWD0929-03

Date Collected: 04/09/12 15:49

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 80.5

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.64		1.22	0.610	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:28	1.00
Barium	316		2.44	0.732	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:28	1.00
Beryllium	ND		1.22	0.610	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:28	1.00
Cadmium	14.1		1.22	0.0732	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:28	1.00
Chromium	31.0		1.22	0.610	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:28	1.00
Cobalt	10.0		3.66	0.305	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:28	1.00
Copper	27.1		2.44	1.59	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:28	1.00
Lead	305		1.22	0.610	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:28	1.00
Manganese	987		3.66	3.05	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:28	1.00
Nickel	18.1		2.44	0.305	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:28	1.00
Selenium	ND		2.44	1.22	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:28	1.00
Silver	ND		1.22	0.244	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:28	1.00
Thallium	ND		2.44	0.488	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:28	1.00
Vanadium	16.8		12.2	2.72	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:28	1.00
Zinc	284		12.2	6.10	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:28	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.073	J	0.12	0.030	mg/kg dry	☼	04/11/12 13:45	04/12/12 10:38	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	2.06	J	2.48	1.24	mg/kg dry	☼	04/16/12 15:30	04/17/12 11:30	1.00

Method: SW846 9012B - General Chemistry Parameters - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.48	1.24	mg/kg dry	☼	04/17/12 12:22	04/19/12 07:01	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	80.5		0.500	0.500	%	—	04/11/12 15:30	04/12/12 12:33	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-10-SS-040912-00

Lab Sample ID: NWD0929-04

Date Collected: 04/09/12 09:45

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 77.5

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0534		0.0489	0.0244	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Benzene	0.00421		0.00196	0.00108	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Bromochloromethane	ND		0.00196	0.00117	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Bromodichloromethane	ND		0.00196	0.000978	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Bromoform	ND		0.00196	0.000978	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Bromomethane	ND		0.00196	0.00117	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
2-Butanone	ND		0.0489	0.0244	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Carbon disulfide	ND		0.00489	0.00352	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Carbon Tetrachloride	ND		0.00196	0.000978	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Chlorobenzene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Chlorodibromomethane	ND		0.00196	0.000978	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Chloroethane	ND		0.00489	0.00244	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Chloroform	ND		0.00196	0.00127	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Chloromethane	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Cyclohexane	0.0197		0.00978	0.00489	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
1,2-Dibromo-3-chloropropane	ND		0.00489	0.00244	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
1,2-Dibromoethane (EDB)	ND		0.00196	0.000978	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
1,2-Dichlorobenzene	ND		0.00196	0.000978	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
1,3-Dichlorobenzene	ND		0.00196	0.00117	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
1,4-Dichlorobenzene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Dichlorodifluoromethane	ND		0.00196	0.00137	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
1,2-Dichloroethane	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
1,1-Dichloroethane	ND		0.00196	0.00127	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
1,1-Dichloroethene	ND		0.00196	0.00117	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
trans-1,2-Dichloroethene	ND		0.00196	0.00127	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
cis-1,2-Dichloroethene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
1,2-Dichloropropane	ND		0.00196	0.000978	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
trans-1,3-Dichloropropene	ND		0.00196	0.000978	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
cis-1,3-Dichloropropene	ND		0.00196	0.000978	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Ethylbenzene	0.00695		0.00196	0.00108	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
2-Hexanone	ND		0.0489	0.0244	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Isopropylbenzene	0.144		0.00196	0.00108	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Methyl Acetate	ND		0.00978	0.00489	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Methyl tert-Butyl Ether	ND		0.00196	0.000978	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Methylene Chloride	ND		0.00978	0.00489	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
4-Methyl-2-pentanone	ND		0.0489	0.0244	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Styrene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
1,1,2,2-Tetrachloroethane	ND		0.00196	0.000978	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Tetrachloroethene	ND		0.00196	0.00127	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Tetrahydrofuran	ND		0.0196	0.00978	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Toluene	0.00800		0.00196	0.00108	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
1,2,4-Trichlorobenzene	ND		0.00196	0.00117	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
1,1,1-Trichloroethane	ND		0.00196	0.000978	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
1,1,2-Trichloroethane	ND		0.00489	0.00244	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Trichloroethene	ND		0.00196	0.000978	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Trichlorofluoromethane	ND		0.00196	0.000978	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Vinyl chloride	ND		0.00196	0.000978	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
Xylenes, total	0.0109		0.00489	0.00244	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:05	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-10-SS-040912-00

Lab Sample ID: NWD0929-04

Date Collected: 04/09/12 09:45

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 77.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	104		70 - 130	04/09/12 09:45	04/17/12 03:05	1.00
Dibromofluoromethane	98		70 - 130	04/09/12 09:45	04/17/12 03:05	1.00
Toluene-d8	105		70 - 130	04/09/12 09:45	04/17/12 03:05	1.00
4-Bromofluorobenzene	176	ZX	70 - 130	04/09/12 09:45	04/17/12 03:05	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylcyclohexane	1.82		0.503	0.251	mg/kg dry	☼	04/09/12 09:45	04/17/12 03:33	50.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	97		70 - 130	04/09/12 09:45	04/17/12 03:33	50.0
Dibromofluoromethane	96		70 - 130	04/09/12 09:45	04/17/12 03:33	50.0
Toluene-d8	99		70 - 130	04/09/12 09:45	04/17/12 03:33	50.0
4-Bromofluorobenzene	117		70 - 130	04/09/12 09:45	04/17/12 03:33	50.0

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Propylbenzene	16.1		1.01	0.553	mg/kg dry	☼	04/09/12 09:45	04/17/12 19:26	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	93		70 - 130	04/09/12 09:45	04/17/12 19:26	500
Dibromofluoromethane	94		70 - 130	04/09/12 09:45	04/17/12 19:26	500
Toluene-d8	104		70 - 130	04/09/12 09:45	04/17/12 19:26	500
4-Bromofluorobenzene	101		70 - 130	04/09/12 09:45	04/17/12 19:26	500

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.556		0.423	0.215	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Acenaphthylene	ND		0.423	0.215	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Acetophenone	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Anthracene	0.840		0.423	0.215	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Atrazine	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Benzaldehyde	ND	L2	10.5	5.27	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Benzo (a) anthracene	1.13		0.423	0.215	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Benzo (b) fluoranthene	0.469		0.423	0.215	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Benzo (a) pyrene	0.823		0.423	0.215	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Benzo (g,h,i) perylene	0.627		0.423	0.215	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Benzo (k) fluoranthene	0.267	J	0.423	0.215	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Biphenyl	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
4-Bromophenyl phenyl ether	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Butyl benzyl phthalate	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
4-Chloro-3-methylphenol	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
4-Chloroaniline	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Caprolactam	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Carbazole	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
2-Chloronaphthalene	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Bis(2-chloroethoxy)methane	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Bis(2-chloroethyl)ether	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Bis(2-chloroisopropyl)ether	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
2-Chlorophenol	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
4-Chlorophenyl phenyl ether	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Chrysene	1.65		0.423	0.215	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Dibenz (a,h) anthracene	ND		0.423	0.215	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-10-SS-040912-00

Lab Sample ID: NWD0929-04

Date Collected: 04/09/12 09:45

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 77.5

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Di-n-butyl phthalate	2.11		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
3,3-Dichlorobenzidine	ND		4.21	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
2,4-Dichlorophenol	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Diethyl phthalate	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
2,4-Dimethylphenol	ND		2.10	1.21	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Dimethyl phthalate	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
4,6-Dinitro-2-methylphenol	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
2,4-Dinitrophenol	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
2,6-Dinitrotoluene	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
2,4-Dinitrotoluene	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Di-n-octyl phthalate	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Bis(2-ethylhexyl)phthalate	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Fluoranthene	1.13		0.423	0.215	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Fluorene	0.933		0.423	0.215	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Hexachlorobenzene	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Hexachlorobutadiene	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Hexachlorocyclopentadiene	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Hexachloroethane	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Indeno (1,2,3-cd) pyrene	0.303	J	0.423	0.215	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Isophorone	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
2-Methylnaphthalene	6.74		0.423	0.215	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
2-Methylphenol	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Naphthalene	0.381	J	0.423	0.215	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
2-Nitroaniline	ND		5.26	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
3-Nitroaniline	ND		5.26	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
4-Nitroaniline	ND		5.26	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Nitrobenzene	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
2-Nitrophenol	ND		2.10	1.24	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
4-Nitrophenol	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
N-Nitrosodiphenylamine	ND		2.10	1.16	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
N-Nitrosodi-n-propylamine	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Pentachlorophenol	ND		5.26	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Phenanthrene	5.45		0.423	0.215	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Phenol	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
Pyrene	4.75		0.423	0.215	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
2,4,5-Trichlorophenol	ND		5.26	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00
2,4,6-Trichlorophenol	ND		2.10	1.05	mg/kg dry	☼	04/12/12 08:26	04/12/12 18:42	5.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	48		17 - 120	04/12/12 08:26	04/12/12 18:42	5.00
Phenol-d5	52		18 - 120	04/12/12 08:26	04/12/12 18:42	5.00
2-Fluorobiphenyl	64		14 - 120	04/12/12 08:26	04/12/12 18:42	5.00
Nitrobenzene-d5	59		17 - 120	04/12/12 08:26	04/12/12 18:42	5.00
Terphenyl-d14	94		18 - 120	04/12/12 08:26	04/12/12 18:42	5.00
2,4,6-Tribromophenol	63		19 - 120	04/12/12 08:26	04/12/12 18:42	5.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		15.8	7.91	mg/kg dry	☼	04/10/12 15:30	04/10/12 19:42	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-10-SS-040912-00

Lab Sample ID: NWD0929-04

Date Collected: 04/09/12 09:45

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 77.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	93		60 - 140	04/10/12 15:30	04/10/12 19:42	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0422	0.0266	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:07	1.00
PCB-1221	ND		0.0422	0.0215	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:07	1.00
PCB-1232	ND		0.0422	0.0215	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:07	1.00
PCB-1242	ND		0.0422	0.0329	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:07	1.00
PCB-1248	ND		0.0422	0.0380	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:07	1.00
PCB-1254	ND		0.0422	0.0215	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:07	1.00
PCB-1260	ND		0.0422	0.0355	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:07	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	66		19 - 147	04/12/12 07:52	04/13/12 13:07	1.00
Decachlorobiphenyl	138		20 - 150	04/12/12 07:52	04/13/12 13:07	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	12.8	J	12.9	0.996	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:32	1.00
Arsenic	7.58		1.29	0.647	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:32	1.00
Barium	9180		2.59	0.776	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:32	1.00
Beryllium	ND		1.29	0.647	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:32	1.00
Cadmium	9.78		1.29	0.0776	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:32	1.00
Chromium	53.6		1.29	0.647	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:32	1.00
Cobalt	8.25		3.88	0.323	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:32	1.00
Copper	48.7		2.59	1.68	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:32	1.00
Lead	604		1.29	0.647	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:32	1.00
Manganese	693		3.88	3.23	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:32	1.00
Nickel	32.3		2.59	0.323	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:32	1.00
Selenium	3.78		2.59	1.29	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:32	1.00
Silver	ND		1.29	0.259	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:32	1.00
Thallium	ND		2.59	0.517	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:32	1.00
Vanadium	29.6		12.9	2.88	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:32	1.00
Zinc	455		12.9	6.47	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:32	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.089	J	0.12	0.031	mg/kg dry	☼	04/11/12 13:45	04/12/12 10:40	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	2.09	J	2.58	1.29	mg/kg dry	☼	04/16/12 15:30	04/17/12 11:30	1.00

Method: SW846 9012B - General Chemistry Parameters - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.58	1.29	mg/kg dry	☼	04/17/12 12:22	04/19/12 06:50	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	77.5		0.500	0.500	%	—	04/11/12 15:30	04/12/12 12:33	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-10-SO-040912-06

Lab Sample ID: NWD0929-05

Date Collected: 04/09/12 10:27

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 80.7

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0561	0.0281	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Benzene	ND		0.00225	0.00124	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Bromochloromethane	ND		0.00225	0.00135	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Bromodichloromethane	ND		0.00225	0.00112	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Bromoform	ND		0.00225	0.00112	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Bromomethane	ND		0.00225	0.00135	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
2-Butanone	ND		0.0561	0.0281	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Carbon disulfide	ND		0.00561	0.00404	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Carbon Tetrachloride	ND		0.00225	0.00112	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Chlorobenzene	ND		0.00225	0.00124	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Chlorodibromomethane	ND		0.00225	0.00112	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Chloroethane	ND		0.00561	0.00281	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Chloroform	ND		0.00225	0.00146	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Chloromethane	ND		0.00225	0.00124	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Cyclohexane	ND		0.0112	0.00561	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
1,2-Dibromo-3-chloropropane	ND		0.00561	0.00281	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
1,2-Dibromoethane (EDB)	ND		0.00225	0.00112	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
1,2-Dichlorobenzene	ND		0.00225	0.00112	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
1,3-Dichlorobenzene	ND		0.00225	0.00135	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
1,4-Dichlorobenzene	ND		0.00225	0.00124	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Dichlorodifluoromethane	ND		0.00225	0.00157	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
1,2-Dichloroethane	ND		0.00225	0.00124	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
1,1-Dichloroethane	ND		0.00225	0.00146	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
1,1-Dichloroethene	ND		0.00225	0.00135	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
trans-1,2-Dichloroethene	ND		0.00225	0.00146	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
cis-1,2-Dichloroethene	ND		0.00225	0.00124	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
1,2-Dichloropropane	ND		0.00225	0.00112	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
trans-1,3-Dichloropropene	ND		0.00225	0.00112	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
cis-1,3-Dichloropropene	ND		0.00225	0.00112	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Ethylbenzene	ND		0.00225	0.00124	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
2-Hexanone	ND		0.0561	0.0281	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Isopropylbenzene	ND		0.00225	0.00124	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Methyl Acetate	ND		0.0112	0.00561	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Methylcyclohexane	ND		0.0112	0.00561	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Methyl tert-Butyl Ether	ND		0.00225	0.00112	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Methylene Chloride	ND		0.0112	0.00561	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
4-Methyl-2-pentanone	ND		0.0561	0.0281	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
n-Propylbenzene	ND		0.00225	0.00124	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Styrene	ND		0.00225	0.00124	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
1,1,2,2-Tetrachloroethane	ND		0.00225	0.00112	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Tetrachloroethene	ND		0.00225	0.00146	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Tetrahydrofuran	ND		0.0225	0.0112	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Toluene	ND		0.00225	0.00124	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
1,2,4-Trichlorobenzene	ND		0.00225	0.00135	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
1,1,1-Trichloroethane	ND		0.00225	0.00112	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
1,1,2-Trichloroethane	ND		0.00561	0.00281	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Trichloroethene	ND		0.00225	0.00112	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Trichlorofluoromethane	ND		0.00225	0.00112	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Vinyl chloride	ND		0.00225	0.00112	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
Xylenes, total	ND		0.00561	0.00281	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00225	0.00124	mg/kg dry	☼	04/09/12 10:27	04/16/12 19:11	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-10-SO-040912-06

Lab Sample ID: NWD0929-05

Date Collected: 04/09/12 10:27

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 80.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	102		70 - 130	04/09/12 10:27	04/16/12 19:11	1.00
Dibromofluoromethane	100		70 - 130	04/09/12 10:27	04/16/12 19:11	1.00
Toluene-d8	104		70 - 130	04/09/12 10:27	04/16/12 19:11	1.00
4-Bromofluorobenzene	95		70 - 130	04/09/12 10:27	04/16/12 19:11	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0809	0.0411	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Acenaphthylene	ND		0.0809	0.0411	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Acetophenone	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Anthracene	ND		0.0809	0.0411	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Atrazine	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Benzaldehyde	ND	L2	2.02	1.01	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Benzo (a) anthracene	ND		0.0809	0.0411	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Benzo (b) fluoranthene	ND		0.0809	0.0411	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Benzo (a) pyrene	ND		0.0809	0.0411	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Benzo (g,h,i) perylene	ND		0.0809	0.0411	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Benzo (k) fluoranthene	ND		0.0809	0.0411	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Biphenyl	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
4-Bromophenyl phenyl ether	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Butyl benzyl phthalate	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
4-Chloro-3-methylphenol	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
4-Chloroaniline	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Caprolactam	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Carbazole	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
2-Chloronaphthalene	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Bis(2-chloroethoxy)methane	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Bis(2-chloroethyl)ether	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Bis(2-chloroisopropyl)ether	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
2-Chlorophenol	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
4-Chlorophenyl phenyl ether	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Chrysene	ND		0.0809	0.0411	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Dibenz (a,h) anthracene	ND		0.0809	0.0411	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Dibenzofuran	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Di-n-butyl phthalate	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
3,3-Dichlorobenzidine	ND		0.806	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
2,4-Dichlorophenol	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Diethyl phthalate	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
2,4-Dimethylphenol	ND		0.402	0.232	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Dimethyl phthalate	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
4,6-Dinitro-2-methylphenol	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
2,4-Dinitrophenol	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
2,6-Dinitrotoluene	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
2,4-Dinitrotoluene	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Di-n-octyl phthalate	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Bis(2-ethylhexyl)phthalate	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Fluoranthene	ND		0.0809	0.0411	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Fluorene	ND		0.0809	0.0411	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Hexachlorobenzene	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Hexachlorobutadiene	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Hexachlorocyclopentadiene	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Hexachloroethane	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-10-SO-040912-06

Lab Sample ID: NWD0929-05

Date Collected: 04/09/12 10:27

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 80.7

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		0.0809	0.0411	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Isophorone	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
2-Methylnaphthalene	ND		0.0809	0.0411	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
2-Methylphenol	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Naphthalene	ND		0.0809	0.0411	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
2-Nitroaniline	ND		1.01	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
3-Nitroaniline	ND		1.01	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
4-Nitroaniline	ND		1.01	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Nitrobenzene	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
2-Nitrophenol	ND		0.402	0.237	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
4-Nitrophenol	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
N-Nitrosodiphenylamine	ND		0.402	0.221	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
N-Nitrosodi-n-propylamine	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Pentachlorophenol	ND		1.01	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Phenanthrene	ND		0.0809	0.0411	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Phenol	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
Pyrene	ND		0.0809	0.0411	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
2,4,5-Trichlorophenol	ND		1.01	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00
2,4,6-Trichlorophenol	ND		0.402	0.202	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:00	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	56		17 - 120	04/12/12 08:26	04/12/12 19:00	1.00
Phenol-d5	57		18 - 120	04/12/12 08:26	04/12/12 19:00	1.00
2-Fluorobiphenyl	61		14 - 120	04/12/12 08:26	04/12/12 19:00	1.00
Nitrobenzene-d5	56		17 - 120	04/12/12 08:26	04/12/12 19:00	1.00
Terphenyl-d14	87		18 - 120	04/12/12 08:26	04/12/12 19:00	1.00
2,4,6-Tribromophenol	70		19 - 120	04/12/12 08:26	04/12/12 19:00	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		14.8	7.40	mg/kg dry	☼	04/10/12 15:30	04/10/12 19:57	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	75		60 - 140	04/10/12 15:30	04/10/12 19:57	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0411	0.0259	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:26	1.00
PCB-1221	ND		0.0411	0.0210	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:26	1.00
PCB-1232	ND		0.0411	0.0210	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:26	1.00
PCB-1242	ND		0.0411	0.0321	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:26	1.00
PCB-1248	ND		0.0411	0.0371	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:26	1.00
PCB-1254	ND		0.0411	0.0210	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:26	1.00
PCB-1260	ND		0.0411	0.0346	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:26	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	76		19 - 147	04/12/12 07:52	04/13/12 13:26	1.00
Decachlorobiphenyl	98		20 - 150	04/12/12 07:52	04/13/12 13:26	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		12.5	0.962	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:35	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-10-SO-040912-06

Lab Sample ID: NWD0929-05

Date Collected: 04/09/12 10:27

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 80.7

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.47		1.25	0.625	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:35	1.00
Barium	144		2.50	0.750	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:35	1.00
Beryllium	0.925	J	1.25	0.625	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:35	1.00
Cadmium	0.400	J	1.25	0.0750	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:35	1.00
Chromium	16.5		1.25	0.625	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:35	1.00
Cobalt	9.95		3.75	0.312	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:35	1.00
Copper	18.9		2.50	1.62	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:35	1.00
Lead	16.5		1.25	0.625	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:35	1.00
Manganese	836		3.75	3.12	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:35	1.00
Nickel	27.9		2.50	0.312	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:35	1.00
Selenium	1.50	J	2.50	1.25	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:35	1.00
Silver	ND		1.25	0.250	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:35	1.00
Thallium	ND		2.50	0.500	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:35	1.00
Vanadium	23.0		12.5	2.79	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:35	1.00
Zinc	69.0		12.5	6.25	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:35	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.047	J	0.12	0.031	mg/kg dry	☼	04/11/12 13:45	04/12/12 10:42	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	2.06	J	2.48	1.24	mg/kg dry	☼	04/16/12 15:30	04/17/12 11:30	1.00

Method: SW846 9012B - General Chemistry Parameters - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	6.03		2.48	1.24	mg/kg dry	☼	04/17/12 12:22	04/19/12 06:52	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	80.7		0.500	0.500	%	—	04/11/12 15:30	04/12/12 12:33	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-50-SS-040912-00

Lab Sample ID: NWD0929-06

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 73.6

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0402	J	0.0465	0.0233	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Benzene	0.00815		0.00186	0.00102	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Bromochloromethane	ND		0.00186	0.00112	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Bromodichloromethane	ND		0.00186	0.000930	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Bromoform	ND		0.00186	0.000930	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Bromomethane	ND		0.00186	0.00112	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
2-Butanone	ND		0.0465	0.0233	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Carbon disulfide	ND		0.00465	0.00335	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Carbon Tetrachloride	ND		0.00186	0.000930	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Chlorobenzene	ND		0.00186	0.00102	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Chlorodibromomethane	ND		0.00186	0.000930	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Chloroethane	ND		0.00465	0.00233	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Chloroform	ND		0.00186	0.00121	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Chloromethane	ND		0.00186	0.00102	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Cyclohexane	0.0131		0.00930	0.00465	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
1,2-Dibromo-3-chloropropane	ND		0.00465	0.00233	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
1,2-Dibromoethane (EDB)	ND		0.00186	0.000930	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
1,2-Dichlorobenzene	ND		0.00186	0.000930	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
1,3-Dichlorobenzene	ND		0.00186	0.00112	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
1,4-Dichlorobenzene	ND		0.00186	0.00102	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Dichlorodifluoromethane	ND		0.00186	0.00130	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
1,2-Dichloroethane	ND		0.00186	0.00102	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
1,1-Dichloroethane	ND		0.00186	0.00121	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
1,1-Dichloroethene	ND		0.00186	0.00112	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
trans-1,2-Dichloroethene	ND		0.00186	0.00121	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
cis-1,2-Dichloroethene	ND		0.00186	0.00102	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
1,2-Dichloropropane	ND		0.00186	0.000930	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
trans-1,3-Dichloropropene	ND		0.00186	0.000930	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
cis-1,3-Dichloropropene	ND		0.00186	0.000930	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Ethylbenzene	0.00510		0.00186	0.00102	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
2-Hexanone	ND		0.0465	0.0233	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Isopropylbenzene	0.0972		0.00186	0.00102	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Methyl Acetate	ND		0.00930	0.00465	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Methylcyclohexane	0.151		0.00930	0.00465	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Methyl tert-Butyl Ether	ND		0.00186	0.000930	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Methylene Chloride	ND		0.00930	0.00465	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
4-Methyl-2-pentanone	ND		0.0465	0.0233	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Styrene	ND		0.00186	0.00102	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
1,1,2,2-Tetrachloroethane	ND		0.00186	0.000930	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Tetrachloroethene	ND		0.00186	0.00121	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Tetrahydrofuran	ND		0.0186	0.00930	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Toluene	0.00542		0.00186	0.00102	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
1,2,4-Trichlorobenzene	ND		0.00186	0.00112	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
1,1,1-Trichloroethane	ND		0.00186	0.000930	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
1,1,2-Trichloroethane	ND		0.00465	0.00233	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Trichloroethene	ND		0.00186	0.000930	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Trichlorofluoromethane	ND		0.00186	0.000930	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Vinyl chloride	ND		0.00186	0.000930	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
Xylenes, total	0.00866		0.00465	0.00233	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00186	0.00102	mg/kg dry	☼	04/09/12 00:01	04/16/12 19:39	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-50-SS-040912-00

Lab Sample ID: NWD0929-06

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 73.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	102		70 - 130	04/09/12 00:01	04/16/12 19:39	1.00
Dibromofluoromethane	98		70 - 130	04/09/12 00:01	04/16/12 19:39	1.00
Toluene-d8	103		70 - 130	04/09/12 00:01	04/16/12 19:39	1.00
4-Bromofluorobenzene	179	ZX	70 - 130	04/09/12 00:01	04/16/12 19:39	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Propylbenzene	4.61		0.125	0.0685	mg/kg dry	☼	04/09/12 00:01	04/17/12 11:28	50.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	100		70 - 130	04/09/12 00:01	04/17/12 11:28	50.0
Dibromofluoromethane	97		70 - 130	04/09/12 00:01	04/17/12 11:28	50.0
Toluene-d8	103		70 - 130	04/09/12 00:01	04/17/12 11:28	50.0
4-Bromofluorobenzene	102		70 - 130	04/09/12 00:01	04/17/12 11:28	50.0

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.948		0.441	0.224	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Acenaphthylene	ND		0.441	0.224	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Acetophenone	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Anthracene	1.70		0.441	0.224	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Atrazine	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Benzaldehyde	ND	L2	11.0	5.50	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Benzo (a) anthracene	1.85		0.441	0.224	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Benzo (b) fluoranthene	0.823		0.441	0.224	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Benzo (a) pyrene	1.36		0.441	0.224	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Benzo (g,h,i) perylene	0.876		0.441	0.224	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Benzo (k) fluoranthene	ND		0.441	0.224	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Biphenyl	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
4-Bromophenyl phenyl ether	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Butyl benzyl phthalate	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
4-Chloro-3-methylphenol	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
4-Chloroaniline	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Caprolactam	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Carbazole	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
2-Chloronaphthalene	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Bis(2-chloroethoxy)methane	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Bis(2-chloroethyl)ether	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Bis(2-chloroisopropyl)ether	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
2-Chlorophenol	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
4-Chlorophenyl phenyl ether	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Chrysene	2.92		0.441	0.224	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Dibenz (a,h) anthracene	ND		0.441	0.224	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Dibenzofuran	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Di-n-butyl phthalate	2.27		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
3,3-Dichlorobenzidine	ND		4.39	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
2,4-Dichlorophenol	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Diethyl phthalate	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
2,4-Dimethylphenol	ND		2.19	1.26	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Dimethyl phthalate	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
4,6-Dinitro-2-methylphenol	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
2,4-Dinitrophenol	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-50-SS-040912-00

Lab Sample ID: NWD0929-06

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 73.6

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
2,4-Dinitrotoluene	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Di-n-octyl phthalate	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Bis(2-ethylhexyl)phthalate	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Fluoranthene	1.55		0.441	0.224	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Fluorene	1.27		0.441	0.224	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Hexachlorobenzene	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Hexachlorobutadiene	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Hexachlorocyclopentadiene	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Hexachloroethane	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Indeno (1,2,3-cd) pyrene	0.331	J	0.441	0.224	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Isophorone	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
2-Methylnaphthalene	8.68		0.441	0.224	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
2-Methylphenol	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Naphthalene	0.439	J	0.441	0.224	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
2-Nitroaniline	ND		5.48	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
3-Nitroaniline	ND		5.48	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
4-Nitroaniline	ND		5.48	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Nitrobenzene	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
2-Nitrophenol	ND		2.19	1.29	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
4-Nitrophenol	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
N-Nitrosodiphenylamine	ND		2.19	1.20	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
N-Nitrosodi-n-propylamine	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Pentachlorophenol	ND		5.48	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Phenanthrene	10.1		0.441	0.224	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Phenol	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
Pyrene	8.11		0.441	0.224	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
2,4,5-Trichlorophenol	ND		5.48	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00
2,4,6-Trichlorophenol	ND		2.19	1.10	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:19	5.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	53		17 - 120	04/12/12 08:26	04/12/12 19:19	5.00
Phenol-d5	53		18 - 120	04/12/12 08:26	04/12/12 19:19	5.00
2-Fluorobiphenyl	66		14 - 120	04/12/12 08:26	04/12/12 19:19	5.00
Nitrobenzene-d5	60		17 - 120	04/12/12 08:26	04/12/12 19:19	5.00
Terphenyl-d14	88		18 - 120	04/12/12 08:26	04/12/12 19:19	5.00
2,4,6-Tribromophenol	69		19 - 120	04/12/12 08:26	04/12/12 19:19	5.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		17.2	8.58	mg/kg dry	☼	04/10/12 15:30	04/10/12 20:13	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	99		60 - 140	04/10/12 15:30	04/10/12 20:13	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	QSU	0.0445	0.0281	mg/kg dry	☼	04/12/12 07:52	04/13/12 17:13	1.00
PCB-1221	ND	QSU	0.0445	0.0227	mg/kg dry	☼	04/12/12 07:52	04/13/12 17:13	1.00
PCB-1232	ND	QSU	0.0445	0.0227	mg/kg dry	☼	04/12/12 07:52	04/13/12 17:13	1.00
PCB-1242	ND	QSU	0.0445	0.0348	mg/kg dry	☼	04/12/12 07:52	04/13/12 17:13	1.00
PCB-1248	ND	QSU	0.0445	0.0401	mg/kg dry	☼	04/12/12 07:52	04/13/12 17:13	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-50-SS-040912-00

Lab Sample ID: NWD0929-06

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 73.6

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	ND	QSU	0.0445	0.0227	mg/kg dry	☼	04/12/12 07:52	04/13/12 17:13	1.00
PCB-1260	ND	QSU	0.0445	0.0374	mg/kg dry	☼	04/12/12 07:52	04/13/12 17:13	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	78		19 - 147				04/12/12 07:52	04/13/12 17:13	1.00
Decachlorobiphenyl	114		20 - 150				04/12/12 07:52	04/13/12 17:13	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	13.0	J	13.4	1.03	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:44	1.00
Arsenic	7.34		1.34	0.670	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:44	1.00
Barium	3010		2.68	0.804	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:44	1.00
Beryllium	ND		1.34	0.670	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:44	1.00
Cadmium	14.9		1.34	0.0804	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:44	1.00
Chromium	58.4		1.34	0.670	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:44	1.00
Cobalt	6.96		4.02	0.335	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:44	1.00
Copper	40.9		2.68	1.74	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:44	1.00
Lead	1890		1.34	0.670	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:44	1.00
Manganese	507		4.02	3.35	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:44	1.00
Nickel	22.4		2.68	0.335	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:44	1.00
Selenium	4.34		2.68	1.34	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:44	1.00
Silver	ND		1.34	0.268	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:44	1.00
Thallium	ND		2.68	0.536	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:44	1.00
Vanadium	36.2		13.4	2.99	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:44	1.00
Zinc	466		13.4	6.70	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:44	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.054	J	0.13	0.033	mg/kg dry	☼	04/11/12 13:45	04/12/12 10:48	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	1.96	J	2.72	1.36	mg/kg dry	☼	04/16/12 15:30	04/17/12 11:30	1.00

Method: SW846 9012B - General Chemistry Parameters - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	8.68		2.72	1.36	mg/kg dry	☼	04/17/12 12:22	04/19/12 07:01	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	73.6		0.500	0.500	%		04/11/12 15:30	04/12/12 12:33	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-50-SO-040912-06

Lab Sample ID: NWD0929-07

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 80.8

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0490	0.0245	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Benzene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Bromochloromethane	ND		0.00196	0.00118	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Bromodichloromethane	ND		0.00196	0.000980	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Bromoform	ND		0.00196	0.000980	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Bromomethane	ND		0.00196	0.00118	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
2-Butanone	ND		0.0490	0.0245	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Carbon disulfide	ND		0.00490	0.00353	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Carbon Tetrachloride	ND		0.00196	0.000980	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Chlorobenzene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Chlorodibromomethane	ND		0.00196	0.000980	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Chloroethane	ND		0.00490	0.00245	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Chloroform	ND		0.00196	0.00127	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Chloromethane	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Cyclohexane	ND		0.00980	0.00490	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
1,2-Dibromo-3-chloropropane	ND		0.00490	0.00245	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
1,2-Dibromoethane (EDB)	ND		0.00196	0.000980	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
1,2-Dichlorobenzene	ND		0.00196	0.000980	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
1,3-Dichlorobenzene	ND		0.00196	0.00118	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
1,4-Dichlorobenzene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Dichlorodifluoromethane	ND		0.00196	0.00137	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
1,2-Dichloroethane	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
1,1-Dichloroethane	ND		0.00196	0.00127	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
1,1-Dichloroethene	ND		0.00196	0.00118	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
trans-1,2-Dichloroethene	ND		0.00196	0.00127	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
cis-1,2-Dichloroethene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
1,2-Dichloropropane	ND		0.00196	0.000980	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
trans-1,3-Dichloropropene	ND		0.00196	0.000980	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
cis-1,3-Dichloropropene	ND		0.00196	0.000980	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Ethylbenzene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
2-Hexanone	ND		0.0490	0.0245	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Isopropylbenzene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Methyl Acetate	ND		0.00980	0.00490	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Methylcyclohexane	ND		0.00980	0.00490	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Methyl tert-Butyl Ether	ND		0.00196	0.000980	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Methylene Chloride	ND		0.00980	0.00490	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
4-Methyl-2-pentanone	ND		0.0490	0.0245	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
n-Propylbenzene	0.00111	J	0.00196	0.00108	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Styrene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
1,1,2,2-Tetrachloroethane	ND		0.00196	0.000980	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Tetrachloroethene	ND		0.00196	0.00127	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Tetrahydrofuran	ND		0.0196	0.00980	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Toluene	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
1,2,4-Trichlorobenzene	ND		0.00196	0.00118	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
1,1,1-Trichloroethane	ND		0.00196	0.000980	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
1,1,2-Trichloroethane	ND		0.00490	0.00245	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Trichloroethene	ND		0.00196	0.000980	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Trichlorofluoromethane	ND		0.00196	0.000980	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Vinyl chloride	ND		0.00196	0.000980	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
Xylenes, total	ND		0.00490	0.00245	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00196	0.00108	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:07	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-50-SO-040912-06

Lab Sample ID: NWD0929-07

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 80.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	104		70 - 130	04/09/12 00:01	04/16/12 20:07	1.00
Dibromofluoromethane	99		70 - 130	04/09/12 00:01	04/16/12 20:07	1.00
Toluene-d8	102		70 - 130	04/09/12 00:01	04/16/12 20:07	1.00
4-Bromofluorobenzene	99		70 - 130	04/09/12 00:01	04/16/12 20:07	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0813	0.0412	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Acenaphthylene	ND		0.0813	0.0412	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Acetophenone	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Anthracene	ND		0.0813	0.0412	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Atrazine	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Benzaldehyde	ND	L2	2.03	1.01	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Benzo (a) anthracene	ND		0.0813	0.0412	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Benzo (b) fluoranthene	ND		0.0813	0.0412	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Benzo (a) pyrene	ND		0.0813	0.0412	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Benzo (g,h,i) perylene	ND		0.0813	0.0412	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Benzo (k) fluoranthene	ND		0.0813	0.0412	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Biphenyl	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
4-Bromophenyl phenyl ether	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Butyl benzyl phthalate	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
4-Chloro-3-methylphenol	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
4-Chloroaniline	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Caprolactam	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Carbazole	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
2-Chloronaphthalene	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Bis(2-chloroethoxy)methane	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Bis(2-chloroethyl)ether	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Bis(2-chloroisopropyl)ether	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
2-Chlorophenol	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
4-Chlorophenyl phenyl ether	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Chrysene	ND		0.0813	0.0412	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Dibenz (a,h) anthracene	ND		0.0813	0.0412	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Dibenzofuran	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Di-n-butyl phthalate	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
3,3-Dichlorobenzidine	ND		0.809	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
2,4-Dichlorophenol	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Diethyl phthalate	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
2,4-Dimethylphenol	ND		0.404	0.233	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Dimethyl phthalate	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
4,6-Dinitro-2-methylphenol	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
2,4-Dinitrophenol	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
2,6-Dinitrotoluene	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
2,4-Dinitrotoluene	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Di-n-octyl phthalate	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Bis(2-ethylhexyl)phthalate	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Fluoranthene	ND		0.0813	0.0412	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Fluorene	ND		0.0813	0.0412	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Hexachlorobenzene	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Hexachlorobutadiene	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Hexachlorocyclopentadiene	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Hexachloroethane	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-50-SO-040912-06

Lab Sample ID: NWD0929-07

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 80.8

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	ND		0.0813	0.0412	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Isophorone	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
2-Methylnaphthalene	ND		0.0813	0.0412	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
2-Methylphenol	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Naphthalene	ND		0.0813	0.0412	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
2-Nitroaniline	ND		1.01	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
3-Nitroaniline	ND		1.01	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
4-Nitroaniline	ND		1.01	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Nitrobenzene	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
2-Nitrophenol	ND		0.404	0.238	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
4-Nitrophenol	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
N-Nitrosodiphenylamine	ND		0.404	0.222	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
N-Nitrosodi-n-propylamine	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Pentachlorophenol	ND		1.01	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Phenanthrene	0.0449	J	0.0813	0.0412	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Phenol	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
Pyrene	0.0412	J	0.0813	0.0412	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
2,4,5-Trichlorophenol	ND		1.01	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00
2,4,6-Trichlorophenol	ND		0.404	0.203	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:37	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	57		17 - 120	04/12/12 08:26	04/12/12 19:37	1.00
Phenol-d5	59		18 - 120	04/12/12 08:26	04/12/12 19:37	1.00
2-Fluorobiphenyl	64		14 - 120	04/12/12 08:26	04/12/12 19:37	1.00
Nitrobenzene-d5	59		17 - 120	04/12/12 08:26	04/12/12 19:37	1.00
Terphenyl-d14	92		18 - 120	04/12/12 08:26	04/12/12 19:37	1.00
2,4,6-Tribromophenol	66		19 - 120	04/12/12 08:26	04/12/12 19:37	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified) - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		14.8	7.38	mg/kg dry	☼	04/10/12 15:30	04/11/12 12:00	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	78		60 - 140	04/10/12 15:30	04/11/12 12:00	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0403	0.0254	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:45	1.00
PCB-1221	ND		0.0403	0.0206	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:45	1.00
PCB-1232	ND		0.0403	0.0206	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:45	1.00
PCB-1242	ND		0.0403	0.0315	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:45	1.00
PCB-1248	ND		0.0403	0.0363	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:45	1.00
PCB-1254	ND		0.0403	0.0206	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:45	1.00
PCB-1260	ND		0.0403	0.0339	mg/kg dry	☼	04/12/12 07:52	04/13/12 13:45	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	72		19 - 147	04/12/12 07:52	04/13/12 13:45	1.00
Decachlorobiphenyl	92		20 - 150	04/12/12 07:52	04/13/12 13:45	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		11.8	0.908	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:47	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-50-SO-040912-06

Lab Sample ID: NWD0929-07

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 80.8

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.67		1.18	0.590	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:47	1.00
Barium	141		2.36	0.707	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:47	1.00
Beryllium	0.873	J	1.18	0.590	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:47	1.00
Cadmium	ND		1.18	0.0707	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:47	1.00
Chromium	14.4		1.18	0.590	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:47	1.00
Cobalt	15.4		3.54	0.295	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:47	1.00
Copper	17.9		2.36	1.53	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:47	1.00
Lead	18.5		1.18	0.590	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:47	1.00
Manganese	1120		3.54	2.95	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:47	1.00
Nickel	28.7		2.36	0.295	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:47	1.00
Selenium	1.46	J	2.36	1.18	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:47	1.00
Silver	ND		1.18	0.236	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:47	1.00
Thallium	ND		2.36	0.472	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:47	1.00
Vanadium	22.7		11.8	2.63	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:47	1.00
Zinc	66.4		11.8	5.90	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:47	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034	J	0.12	0.030	mg/kg dry	☼	04/11/12 13:45	04/12/12 10:55	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	1.78	J	2.48	1.24	mg/kg dry	☼	04/16/12 15:30	04/17/12 11:30	1.00

Method: SW846 9012B - General Chemistry Parameters - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.48	1.24	mg/kg dry	☼	04/17/12 12:22	04/19/12 07:01	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	80.8		0.500	0.500	%	—	04/11/12 15:30	04/12/12 12:33	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-51-SS-040912-00

Lab Sample ID: NWD0929-08

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 83.2

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0668		0.0526	0.0263	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Benzene	0.0804		0.00211	0.00116	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Bromochloromethane	ND		0.00211	0.00126	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Bromodichloromethane	ND		0.00211	0.00105	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Bromoform	ND		0.00211	0.00105	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Bromomethane	ND		0.00211	0.00126	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
2-Butanone	ND		0.0526	0.0263	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Carbon disulfide	ND		0.00526	0.00379	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Carbon Tetrachloride	ND		0.00211	0.00105	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Chlorobenzene	ND		0.00211	0.00116	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Chlorodibromomethane	ND		0.00211	0.00105	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Chloroethane	ND		0.00526	0.00263	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Chloroform	ND		0.00211	0.00137	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Chloromethane	ND		0.00211	0.00116	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Cyclohexane	ND		0.0105	0.00526	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
1,2-Dibromo-3-chloropropane	ND		0.00526	0.00263	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
1,2-Dibromoethane (EDB)	ND		0.00211	0.00105	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
1,2-Dichlorobenzene	ND		0.00211	0.00105	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
1,3-Dichlorobenzene	ND		0.00211	0.00126	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
1,4-Dichlorobenzene	ND		0.00211	0.00116	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Dichlorodifluoromethane	ND		0.00211	0.00147	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
1,2-Dichloroethane	ND		0.00211	0.00116	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
1,1-Dichloroethane	ND		0.00211	0.00137	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
1,1-Dichloroethene	ND		0.00211	0.00126	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
trans-1,2-Dichloroethene	ND		0.00211	0.00137	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
cis-1,2-Dichloroethene	ND		0.00211	0.00116	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
1,2-Dichloropropane	ND		0.00211	0.00105	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
trans-1,3-Dichloropropene	ND		0.00211	0.00105	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
cis-1,3-Dichloropropene	ND		0.00211	0.00105	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Ethylbenzene	0.00371		0.00211	0.00116	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
2-Hexanone	ND		0.0526	0.0263	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Isopropylbenzene	0.0188		0.00211	0.00116	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Methyl Acetate	ND		0.0105	0.00526	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Methylcyclohexane	0.0679		0.0105	0.00526	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Methyl tert-Butyl Ether	ND		0.00211	0.00105	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Methylene Chloride	ND		0.0105	0.00526	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
4-Methyl-2-pentanone	ND		0.0526	0.0263	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
n-Propylbenzene	0.0305		0.00211	0.00116	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Styrene	ND		0.00211	0.00116	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
1,1,2,2-Tetrachloroethane	ND		0.00211	0.00105	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Tetrachloroethene	ND		0.00211	0.00137	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Tetrahydrofuran	ND		0.0211	0.0105	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Toluene	0.00800		0.00211	0.00116	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
1,2,4-Trichlorobenzene	ND		0.00211	0.00126	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
1,1,1-Trichloroethane	ND		0.00211	0.00105	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
1,1,2-Trichloroethane	ND		0.00526	0.00263	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Trichloroethene	ND		0.00211	0.00105	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Trichlorofluoromethane	ND		0.00211	0.00105	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Vinyl chloride	ND		0.00211	0.00105	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
Xylenes, total	0.00557		0.00526	0.00263	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00211	0.00116	mg/kg dry	☼	04/09/12 00:01	04/16/12 20:35	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-51-SS-040912-00

Lab Sample ID: NWD0929-08

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 83.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	101		70 - 130	04/09/12 00:01	04/16/12 20:35	1.00
Dibromofluoromethane	98		70 - 130	04/09/12 00:01	04/16/12 20:35	1.00
Toluene-d8	103		70 - 130	04/09/12 00:01	04/16/12 20:35	1.00
4-Bromofluorobenzene	124		70 - 130	04/09/12 00:01	04/16/12 20:35	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0416	J	0.0797	0.0404	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Acenaphthylene	ND		0.0797	0.0404	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Acetophenone	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Anthracene	ND		0.0797	0.0404	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Atrazine	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Benzaldehyde	ND	L2	1.99	0.993	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Benzo (a) anthracene	0.0936		0.0797	0.0404	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Benzo (b) fluoranthene	0.132		0.0797	0.0404	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Benzo (a) pyrene	0.105		0.0797	0.0404	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Benzo (g,h,i) perylene	0.0991		0.0797	0.0404	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Benzo (k) fluoranthene	0.0995		0.0797	0.0404	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Biphenyl	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
4-Bromophenyl phenyl ether	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Butyl benzyl phthalate	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
4-Chloro-3-methylphenol	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
4-Chloroaniline	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Caprolactam	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Carbazole	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
2-Chloronaphthalene	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Bis(2-chloroethoxy)methane	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Bis(2-chloroethyl)ether	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Bis(2-chloroisopropyl)ether	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
2-Chlorophenol	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
4-Chlorophenyl phenyl ether	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Chrysene	0.130		0.0797	0.0404	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Dibenz (a,h) anthracene	ND		0.0797	0.0404	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Dibenzofuran	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Di-n-butyl phthalate	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
3,3-Dichlorobenzidine	ND		0.793	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
2,4-Dichlorophenol	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Diethyl phthalate	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
2,4-Dimethylphenol	ND		0.396	0.228	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Dimethyl phthalate	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
4,6-Dinitro-2-methylphenol	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
2,4-Dinitrophenol	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
2,6-Dinitrotoluene	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
2,4-Dinitrotoluene	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Di-n-octyl phthalate	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Bis(2-ethylhexyl)phthalate	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Fluoranthene	0.203		0.0797	0.0404	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Fluorene	ND		0.0797	0.0404	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Hexachlorobenzene	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Hexachlorobutadiene	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Hexachlorocyclopentadiene	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Hexachloroethane	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-51-SS-040912-00

Lab Sample ID: NWD0929-08

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 83.2

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	0.0741	J	0.0797	0.0404	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Isophorone	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
2-Methylnaphthalene	ND		0.0797	0.0404	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
2-Methylphenol	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Naphthalene	ND		0.0797	0.0404	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
2-Nitroaniline	ND		0.991	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
3-Nitroaniline	ND		0.991	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
4-Nitroaniline	ND		0.991	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Nitrobenzene	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
2-Nitrophenol	ND		0.396	0.233	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
4-Nitrophenol	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
N-Nitrosodiphenylamine	ND		0.396	0.218	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
N-Nitrosodi-n-propylamine	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Pentachlorophenol	ND		0.991	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Phenanthrene	ND		0.0797	0.0404	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Phenol	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
Pyrene	0.205		0.0797	0.0404	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
2,4,5-Trichlorophenol	ND		0.991	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00
2,4,6-Trichlorophenol	ND		0.396	0.199	mg/kg dry	☼	04/12/12 08:26	04/12/12 19:55	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	52		17 - 120	04/12/12 08:26	04/12/12 19:55	1.00
Phenol-d5	56		18 - 120	04/12/12 08:26	04/12/12 19:55	1.00
2-Fluorobiphenyl	60		14 - 120	04/12/12 08:26	04/12/12 19:55	1.00
Nitrobenzene-d5	55		17 - 120	04/12/12 08:26	04/12/12 19:55	1.00
Terphenyl-d14	86		18 - 120	04/12/12 08:26	04/12/12 19:55	1.00
2,4,6-Tribromophenol	68		19 - 120	04/12/12 08:26	04/12/12 19:55	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		14.0	7.02	mg/kg dry	☼	04/10/12 15:30	04/10/12 20:43	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	107		60 - 140	04/10/12 15:30	04/10/12 20:43	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	QSU	0.0391	0.0247	mg/kg dry	☼	04/12/12 07:52	04/17/12 03:20	1.00
PCB-1221	ND	QSU	0.0391	0.0200	mg/kg dry	☼	04/12/12 07:52	04/17/12 03:20	1.00
PCB-1232	ND	QSU	0.0391	0.0200	mg/kg dry	☼	04/12/12 07:52	04/17/12 03:20	1.00
PCB-1242	ND	QSU	0.0391	0.0305	mg/kg dry	☼	04/12/12 07:52	04/17/12 03:20	1.00
PCB-1248	ND	QSU	0.0391	0.0352	mg/kg dry	☼	04/12/12 07:52	04/17/12 03:20	1.00
PCB-1254	0.228	QSU	0.0391	0.0200	mg/kg dry	☼	04/12/12 07:52	04/17/12 03:20	1.00
PCB-1260	ND	QSU	0.0391	0.0329	mg/kg dry	☼	04/12/12 07:52	04/17/12 03:20	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	72		19 - 147	04/12/12 07:52	04/17/12 03:20	1.00
Decachlorobiphenyl	76		20 - 150	04/12/12 07:52	04/17/12 03:20	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	6.81	J	11.9	0.917	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:51	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-51-SS-040912-00

Lab Sample ID: NWD0929-08

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 83.2

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.69		1.19	0.595	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:51	1.00
Barium	279		2.38	0.714	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:51	1.00
Beryllium	ND		1.19	0.595	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:51	1.00
Cadmium	2.90		1.19	0.0714	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:51	1.00
Chromium	22.2		1.19	0.595	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:51	1.00
Cobalt	11.5		3.57	0.298	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:51	1.00
Copper	38.2		2.38	1.55	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:51	1.00
Lead	270		1.19	0.595	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:51	1.00
Manganese	839		3.57	2.98	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:51	1.00
Nickel	17.4		2.38	0.298	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:51	1.00
Selenium	1.62	J	2.38	1.19	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:51	1.00
Silver	ND		1.19	0.238	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:51	1.00
Thallium	ND		2.38	0.476	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:51	1.00
Vanadium	17.0		11.9	2.65	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:51	1.00
Zinc	163		11.9	5.95	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:51	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.065	J	0.12	0.030	mg/kg dry	☼	04/11/12 13:45	04/12/12 10:57	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	2.14	J	2.40	1.20	mg/kg dry	☼	04/16/12 15:30	04/17/12 11:30	1.00

Method: SW846 9012B - General Chemistry Parameters - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	1.54	J	2.40	1.20	mg/kg dry	☼	04/17/12 12:22	04/19/12 06:54	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	83.2		0.500	0.500	%	—	04/11/12 15:30	04/12/12 12:33	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-51-SO-040912-11

Lab Sample ID: NWD0929-09

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 85.2

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0437	0.0218	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Benzene	ND		0.00175	0.000961	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Bromochloromethane	ND		0.00175	0.00105	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Bromodichloromethane	ND		0.00175	0.000874	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Bromoform	ND		0.00175	0.000874	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Bromomethane	ND		0.00175	0.00105	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
2-Butanone	ND		0.0437	0.0218	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Carbon disulfide	ND		0.00437	0.00315	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Carbon Tetrachloride	ND		0.00175	0.000874	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Chlorobenzene	ND		0.00175	0.000961	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Chlorodibromomethane	ND		0.00175	0.000874	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Chloroethane	ND		0.00437	0.00218	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Chloroform	ND		0.00175	0.00114	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Chloromethane	ND		0.00175	0.000961	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Cyclohexane	ND		0.00874	0.00437	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
1,2-Dibromo-3-chloropropane	ND		0.00437	0.00218	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
1,2-Dibromoethane (EDB)	ND		0.00175	0.000874	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
1,2-Dichlorobenzene	ND		0.00175	0.000874	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
1,3-Dichlorobenzene	ND		0.00175	0.00105	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
1,4-Dichlorobenzene	ND		0.00175	0.000961	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Dichlorodifluoromethane	ND		0.00175	0.00122	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
1,2-Dichloroethane	ND		0.00175	0.000961	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
1,1-Dichloroethane	ND		0.00175	0.00114	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
1,1-Dichloroethene	ND		0.00175	0.00105	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
trans-1,2-Dichloroethene	ND		0.00175	0.00114	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
cis-1,2-Dichloroethene	ND		0.00175	0.000961	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
1,2-Dichloropropane	ND		0.00175	0.000874	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
trans-1,3-Dichloropropene	ND		0.00175	0.000874	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
cis-1,3-Dichloropropene	ND		0.00175	0.000874	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Ethylbenzene	ND		0.00175	0.000961	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
2-Hexanone	ND		0.0437	0.0218	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Isopropylbenzene	ND		0.00175	0.000961	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Methyl Acetate	ND		0.00874	0.00437	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Methylcyclohexane	ND		0.00874	0.00437	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Methyl tert-Butyl Ether	ND		0.00175	0.000874	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Methylene Chloride	ND		0.00874	0.00437	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
4-Methyl-2-pentanone	ND		0.0437	0.0218	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
n-Propylbenzene	ND		0.00175	0.000961	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Styrene	ND		0.00175	0.000961	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
1,1,2,2-Tetrachloroethane	ND		0.00175	0.000874	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Tetrachloroethene	ND		0.00175	0.00114	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Tetrahydrofuran	ND		0.0175	0.00874	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Toluene	ND		0.00175	0.000961	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
1,2,4-Trichlorobenzene	ND		0.00175	0.00105	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
1,1,1-Trichloroethane	ND		0.00175	0.000874	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
1,1,2-Trichloroethane	ND		0.00437	0.00218	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Trichloroethene	ND		0.00175	0.000874	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Trichlorofluoromethane	ND		0.00175	0.000874	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Vinyl chloride	ND		0.00175	0.000874	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
Xylenes, total	ND		0.00437	0.00218	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00175	0.000961	mg/kg dry	☼	04/09/12 00:01	04/16/12 21:02	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-51-SO-040912-11

Lab Sample ID: NWD0929-09

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 85.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	101		70 - 130	04/09/12 00:01	04/16/12 21:02	1.00
Dibromofluoromethane	99		70 - 130	04/09/12 00:01	04/16/12 21:02	1.00
Toluene-d8	105		70 - 130	04/09/12 00:01	04/16/12 21:02	1.00
4-Bromofluorobenzene	121		70 - 130	04/09/12 00:01	04/16/12 21:02	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0776	0.0394	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Acenaphthylene	ND		0.0776	0.0394	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Acetophenone	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Anthracene	ND		0.0776	0.0394	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Atrazine	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Benzaldehyde	ND	L2	1.93	0.967	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Benzo (a) anthracene	0.0815		0.0776	0.0394	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Benzo (b) fluoranthene	0.108		0.0776	0.0394	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Benzo (a) pyrene	0.100		0.0776	0.0394	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Benzo (g,h,i) perylene	0.0876		0.0776	0.0394	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Benzo (k) fluoranthene	0.0791		0.0776	0.0394	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Biphenyl	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
4-Bromophenyl phenyl ether	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Butyl benzyl phthalate	0.844		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
4-Chloro-3-methylphenol	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
4-Chloroaniline	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Caprolactam	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Carbazole	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
2-Chloronaphthalene	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Bis(2-chloroethoxy)methane	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Bis(2-chloroethyl)ether	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Bis(2-chloroisopropyl)ether	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
2-Chlorophenol	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
4-Chlorophenyl phenyl ether	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Chrysene	0.0988		0.0776	0.0394	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Dibenz (a,h) anthracene	ND		0.0776	0.0394	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Dibenzofuran	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Di-n-butyl phthalate	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
3,3-Dichlorobenzidine	ND		0.772	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
2,4-Dichlorophenol	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Diethyl phthalate	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
2,4-Dimethylphenol	ND		0.386	0.222	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Dimethyl phthalate	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
4,6-Dinitro-2-methylphenol	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
2,4-Dinitrophenol	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
2,6-Dinitrotoluene	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
2,4-Dinitrotoluene	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Di-n-octyl phthalate	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Bis(2-ethylhexyl)phthalate	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Fluoranthene	0.139		0.0776	0.0394	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Fluorene	ND		0.0776	0.0394	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Hexachlorobenzene	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Hexachlorobutadiene	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Hexachlorocyclopentadiene	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Hexachloroethane	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-51-SO-040912-11

Lab Sample ID: NWD0929-09

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 85.2

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	0.0591	J	0.0776	0.0394	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Isophorone	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
2-Methylnaphthalene	ND		0.0776	0.0394	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
2-Methylphenol	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Naphthalene	ND		0.0776	0.0394	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
2-Nitroaniline	ND		0.965	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
3-Nitroaniline	ND		0.965	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
4-Nitroaniline	ND		0.965	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Nitrobenzene	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
2-Nitrophenol	ND		0.386	0.227	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
4-Nitrophenol	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
N-Nitrosodiphenylamine	ND		0.386	0.212	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
N-Nitrosodi-n-propylamine	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Pentachlorophenol	ND		0.965	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Phenanthrene	ND		0.0776	0.0394	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Phenol	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
Pyrene	0.140		0.0776	0.0394	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
2,4,5-Trichlorophenol	ND		0.965	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00
2,4,6-Trichlorophenol	ND		0.386	0.193	mg/kg dry	☼	04/12/12 08:26	04/12/12 20:13	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	57		17 - 120	04/12/12 08:26	04/12/12 20:13	1.00
Phenol-d5	60		18 - 120	04/12/12 08:26	04/12/12 20:13	1.00
2-Fluorobiphenyl	63		14 - 120	04/12/12 08:26	04/12/12 20:13	1.00
Nitrobenzene-d5	60		17 - 120	04/12/12 08:26	04/12/12 20:13	1.00
Terphenyl-d14	92		18 - 120	04/12/12 08:26	04/12/12 20:13	1.00
2,4,6-Tribromophenol	69		19 - 120	04/12/12 08:26	04/12/12 20:13	1.00

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		13.5	6.74	mg/kg dry	☼	04/10/12 15:30	04/10/12 20:59	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Butanol	85		60 - 140	04/10/12 15:30	04/10/12 20:59	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND	QSU	0.0390	0.0246	mg/kg dry	☼	04/12/12 07:52	04/13/12 17:50	1.00
PCB-1221	ND	QSU	0.0390	0.0199	mg/kg dry	☼	04/12/12 07:52	04/13/12 17:50	1.00
PCB-1232	ND	QSU	0.0390	0.0199	mg/kg dry	☼	04/12/12 07:52	04/13/12 17:50	1.00
PCB-1242	ND	QSU	0.0390	0.0304	mg/kg dry	☼	04/12/12 07:52	04/13/12 17:50	1.00
PCB-1248	ND	QSU	0.0390	0.0351	mg/kg dry	☼	04/12/12 07:52	04/13/12 17:50	1.00
PCB-1254	ND	QSU	0.0390	0.0199	mg/kg dry	☼	04/12/12 07:52	04/13/12 17:50	1.00
PCB-1260	ND	QSU	0.0390	0.0328	mg/kg dry	☼	04/12/12 07:52	04/13/12 17:50	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	58		19 - 147	04/12/12 07:52	04/13/12 17:50	1.00
Decachlorobiphenyl	118		20 - 150	04/12/12 07:52	04/13/12 17:50	1.00

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.48	J	11.7	0.899	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:54	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-51-SO-040912-11

Lab Sample ID: NWD0929-09

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 85.2

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.91		1.17	0.584	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:54	1.00
Barium	249		2.33	0.700	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:54	1.00
Beryllium	0.747	J	1.17	0.584	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:54	1.00
Cadmium	2.01		1.17	0.0700	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:54	1.00
Chromium	16.6		1.17	0.584	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:54	1.00
Cobalt	8.26		3.50	0.292	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:54	1.00
Copper	49.6		2.33	1.52	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:54	1.00
Lead	161		1.17	0.584	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:54	1.00
Manganese	368		3.50	2.92	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:54	1.00
Nickel	30.6		2.33	0.292	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:54	1.00
Selenium	1.94	J	2.33	1.17	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:54	1.00
Silver	ND		1.17	0.233	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:54	1.00
Thallium	ND		2.33	0.467	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:54	1.00
Vanadium	25.1		11.7	2.60	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:54	1.00
Zinc	352		11.7	5.84	mg/kg dry	☼	04/12/12 11:13	04/16/12 18:54	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.074	J	0.12	0.029	mg/kg dry	☼	04/11/12 13:45	04/12/12 10:59	1.0

Method: SW846 7196A - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	1.62	J	2.35	1.17	mg/kg dry	☼	04/16/12 15:30	04/17/12 11:30	1.00

Method: SW846 9012B - General Chemistry Parameters - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	2.31	J	2.35	1.17	mg/kg dry	☼	04/17/12 12:22	04/19/12 06:54	1.00

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	85.2		0.500	0.500	%	—	04/11/12 15:30	04/12/12 12:33	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: Trip Blank

Lab Sample ID: NWD0929-10

Date Collected: 04/09/12 00:01

Matrix: Water

Date Received: 04/10/12 08:00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	L	50.0	25.0	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Benzene	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Bromoform	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Chloroform	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Styrene	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Tetrahydrofuran	ND	L	20.0	10.0	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Toluene	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
Xylenes, total	ND		3.00	1.50	ug/L		04/09/12 00:01	04/11/12 17:32	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/09/12 00:01	04/11/12 17:32	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: Trip Blank

Lab Sample ID: NWD0929-10

Date Collected: 04/09/12 00:01

Matrix: Water

Date Received: 04/10/12 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	100		70 - 130	04/09/12 00:01	04/11/12 17:32	1.00
Dibromofluoromethane	109		70 - 130	04/09/12 00:01	04/11/12 17:32	1.00
Toluene-d8	99		70 - 130	04/09/12 00:01	04/11/12 17:32	1.00
4-Bromofluorobenzene	87		70 - 130	04/09/12 00:01	04/11/12 17:32	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: Dumpster

Lab Sample ID: NWD0929-11

Date Collected: 04/09/12 16:20

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 86.1

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0461	0.0230	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Benzene	ND		0.00184	0.00101	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Bromochloromethane	ND		0.00184	0.00111	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Bromodichloromethane	ND		0.00184	0.000921	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Bromoform	ND		0.00184	0.000921	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Bromomethane	ND		0.00184	0.00111	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
2-Butanone	ND		0.0461	0.0230	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Carbon disulfide	ND		0.00461	0.00332	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Carbon Tetrachloride	ND		0.00184	0.000921	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Chlorobenzene	ND		0.00184	0.00101	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Chlorodibromomethane	ND		0.00184	0.000921	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Chloroethane	ND		0.00461	0.00230	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Chloroform	ND		0.00184	0.00120	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Chloromethane	ND		0.00184	0.00101	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Cyclohexane	ND		0.00921	0.00461	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
1,2-Dibromo-3-chloropropane	ND		0.00461	0.00230	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
1,2-Dibromoethane (EDB)	ND		0.00184	0.000921	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
1,2-Dichlorobenzene	ND		0.00184	0.000921	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
1,3-Dichlorobenzene	ND		0.00184	0.00111	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
1,4-Dichlorobenzene	ND		0.00184	0.00101	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Dichlorodifluoromethane	ND		0.00184	0.00129	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
1,2-Dichloroethane	ND		0.00184	0.00101	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
1,1-Dichloroethane	ND		0.00184	0.00120	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
1,1-Dichloroethene	ND		0.00184	0.00111	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
trans-1,2-Dichloroethene	ND		0.00184	0.00120	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
cis-1,2-Dichloroethene	ND		0.00184	0.00101	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
1,2-Dichloropropane	ND		0.00184	0.000921	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
trans-1,3-Dichloropropene	ND		0.00184	0.000921	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
cis-1,3-Dichloropropene	ND		0.00184	0.000921	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Ethylbenzene	ND		0.00184	0.00101	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
2-Hexanone	ND		0.0461	0.0230	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Isopropylbenzene	ND		0.00184	0.00101	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Methyl Acetate	ND		0.00921	0.00461	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Methylcyclohexane	ND		0.00921	0.00461	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Methyl tert-Butyl Ether	ND		0.00184	0.000921	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Methylene Chloride	ND		0.00921	0.00461	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
4-Methyl-2-pentanone	ND		0.0461	0.0230	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
n-Propylbenzene	ND		0.00184	0.00101	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Styrene	ND		0.00184	0.00101	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
1,1,2,2-Tetrachloroethane	ND		0.00184	0.000921	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Tetrachloroethene	ND		0.00184	0.00120	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Tetrahydrofuran	ND		0.0184	0.00921	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Toluene	ND		0.00184	0.00101	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
1,2,4-Trichlorobenzene	ND		0.00184	0.00111	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
1,1,1-Trichloroethane	ND		0.00184	0.000921	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
1,1,2-Trichloroethane	ND		0.00461	0.00230	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Trichloroethene	ND		0.00184	0.000921	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Trichlorofluoromethane	ND		0.00184	0.000921	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Vinyl chloride	ND		0.00184	0.000921	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
Xylenes, total	ND		0.00461	0.00230	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00184	0.00101	mg/kg dry	☼	04/09/12 16:20	04/23/12 13:35	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: Dumpster

Lab Sample ID: NWD0929-11

Date Collected: 04/09/12 16:20

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 86.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	104		70 - 130	04/09/12 16:20	04/23/12 13:35	1.00
Dibromofluoromethane	100		70 - 130	04/09/12 16:20	04/23/12 13:35	1.00
Toluene-d8	104		70 - 130	04/09/12 16:20	04/23/12 13:35	1.00
4-Bromofluorobenzene	106		70 - 130	04/09/12 16:20	04/23/12 13:35	1.00

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0838		0.0765	0.0388	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Acenaphthylene	ND		0.0765	0.0388	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Acetophenone	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Anthracene	0.0933		0.0765	0.0388	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Atrazine	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Benzaldehyde	ND	L2	1.91	0.954	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Benzo (a) anthracene	0.121		0.0765	0.0388	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Benzo (b) fluoranthene	0.147		0.0765	0.0388	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Benzo (a) pyrene	0.128		0.0765	0.0388	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Benzo (g,h,i) perylene	0.0860		0.0765	0.0388	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Benzo (k) fluoranthene	0.0937		0.0765	0.0388	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Biphenyl	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
4-Bromophenyl phenyl ether	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Butyl benzyl phthalate	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
4-Chloro-3-methylphenol	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
4-Chloroaniline	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Caprolactam	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Carbazole	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
2-Chloronaphthalene	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Bis(2-chloroethoxy)methane	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Bis(2-chloroethyl)ether	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Bis(2-chloroisopropyl)ether	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
2-Chlorophenol	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
4-Chlorophenyl phenyl ether	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Chrysene	0.128		0.0765	0.0388	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Dibenz (a,h) anthracene	ND		0.0765	0.0388	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Dibenzofuran	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Di-n-butyl phthalate	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
3,3-Dichlorobenzidine	ND		0.762	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
2,4-Dichlorophenol	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Diethyl phthalate	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
2,4-Dimethylphenol	ND		0.380	0.219	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Dimethyl phthalate	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
4,6-Dinitro-2-methylphenol	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
2,4-Dinitrophenol	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
2,6-Dinitrotoluene	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
2,4-Dinitrotoluene	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Di-n-octyl phthalate	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Bis(2-ethylhexyl)phthalate	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Fluoranthene	0.423		0.0765	0.0388	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Fluorene	0.119		0.0765	0.0388	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Hexachlorobenzene	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Hexachlorobutadiene	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Hexachlorocyclopentadiene	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Hexachloroethane	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: Dumpster

Lab Sample ID: NWD0929-11

Date Collected: 04/09/12 16:20

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 86.1

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno (1,2,3-cd) pyrene	0.0731	J	0.0765	0.0388	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Isophorone	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
2-Methylnaphthalene	ND		0.0765	0.0388	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
2-Methylphenol	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Naphthalene	0.0392	J	0.0765	0.0388	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
2-Nitroaniline	ND		0.951	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
3-Nitroaniline	ND		0.951	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
4-Nitroaniline	ND		0.951	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Nitrobenzene	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
2-Nitrophenol	ND		0.380	0.224	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
4-Nitrophenol	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
N-Nitrosodiphenylamine	ND		0.380	0.209	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
N-Nitrosodi-n-propylamine	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Pentachlorophenol	ND		0.951	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Phenanthrene	0.488		0.0765	0.0388	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Phenol	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
Pyrene	0.307		0.0765	0.0388	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
2,4,5-Trichlorophenol	ND		0.951	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00
2,4,6-Trichlorophenol	ND		0.380	0.191	mg/kg dry	☼	04/16/12 16:00	04/18/12 15:49	1.00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	67		17 - 120	04/16/12 16:00	04/18/12 15:49	1.00
Phenol-d5	67		18 - 120	04/16/12 16:00	04/18/12 15:49	1.00
2-Fluorobiphenyl	73		14 - 120	04/16/12 16:00	04/18/12 15:49	1.00
Nitrobenzene-d5	69		17 - 120	04/16/12 16:00	04/18/12 15:49	1.00
Terphenyl-d14	93		18 - 120	04/16/12 16:00	04/18/12 15:49	1.00
2,4,6-Tribromophenol	75		19 - 120	04/16/12 16:00	04/18/12 15:49	1.00

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.383	0.242	mg/kg dry	☼	04/18/12 12:11	04/19/12 23:47	10.0
PCB-1221	ND		0.383	0.196	mg/kg dry	☼	04/18/12 12:11	04/19/12 23:47	10.0
PCB-1232	ND		0.383	0.196	mg/kg dry	☼	04/18/12 12:11	04/19/12 23:47	10.0
PCB-1242	ND		0.383	0.299	mg/kg dry	☼	04/18/12 12:11	04/19/12 23:47	10.0
PCB-1248	ND		0.383	0.345	mg/kg dry	☼	04/18/12 12:11	04/19/12 23:47	10.0
PCB-1254	ND		0.383	0.196	mg/kg dry	☼	04/18/12 12:11	04/19/12 23:47	10.0
PCB-1260	ND		0.383	0.322	mg/kg dry	☼	04/18/12 12:11	04/19/12 23:47	10.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene		Z3	19 - 147	04/18/12 12:11	04/19/12 23:47	10.0
Decachlorobiphenyl		Z3	20 - 150	04/18/12 12:11	04/19/12 23:47	10.0

Method: SW846 6010B - Total Metals by EPA Method 6010B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	3.73	J	11.3	0.871	mg/kg dry	☼	04/24/12 14:58	04/26/12 09:24	1.00
Arsenic	6.34		1.13	0.566	mg/kg dry	☼	04/24/12 14:58	04/26/12 09:24	1.00
Barium	297		2.26	0.679	mg/kg dry	☼	04/24/12 14:58	04/26/12 09:24	1.00
Beryllium	0.656	J	1.13	0.566	mg/kg dry	☼	04/24/12 14:58	04/26/12 09:24	1.00
Cadmium	1.27		1.13	0.0679	mg/kg dry	☼	04/24/12 14:58	04/26/12 09:24	1.00
Chromium	25.3		1.13	0.566	mg/kg dry	☼	04/24/12 14:58	04/26/12 09:24	1.00
Cobalt	8.46		3.39	0.283	mg/kg dry	☼	04/24/12 14:58	04/26/12 09:24	1.00
Copper	24.6		2.26	1.47	mg/kg dry	☼	04/24/12 14:58	04/26/12 09:24	1.00

Client Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: Dumpster

Lab Sample ID: NWD0929-11

Date Collected: 04/09/12 16:20

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 86.1

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	179	M8	1.13	0.566	mg/kg dry	☆	04/24/12 14:58	04/26/12 09:24	1.00
Manganese	657		3.39	2.83	mg/kg dry	☆	04/24/12 14:58	04/26/12 09:24	1.00
Nickel	21.1		2.26	0.283	mg/kg dry	☆	04/24/12 14:58	04/26/12 09:24	1.00
Selenium	ND		2.26	1.13	mg/kg dry	☆	04/24/12 14:58	04/26/12 09:24	1.00
Silver	ND		1.13	0.226	mg/kg dry	☆	04/24/12 14:58	04/26/12 09:24	1.00
Thallium	ND		2.26	0.453	mg/kg dry	☆	04/24/12 14:58	04/26/12 09:24	1.00
Vanadium	17.7		11.3	2.52	mg/kg dry	☆	04/24/12 14:58	04/26/12 09:24	1.00
Zinc	109	M7	11.3	5.66	mg/kg dry	☆	04/24/12 14:58	04/26/12 09:24	1.00

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.062	J	0.11	0.029	mg/kg dry	☆	04/24/12 17:55	04/25/12 12:00	1.0

Method: SW-846 - General Chemistry Parameters

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
% Dry Solids	86.1		0.500	0.500	%		04/19/12 13:27	04/20/12 11:57	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 12D1405-BLK1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1405_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50.0	25.0	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Benzene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Bromochloromethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Bromodichloromethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Bromoform	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Bromomethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
2-Butanone	ND		50.0	25.0	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Carbon disulfide	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Carbon Tetrachloride	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Chlorobenzene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Chlorodibromomethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Chloroethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Chloroform	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Chloromethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Cyclohexane	ND		5.00	2.50	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,2-Dibromo-3-chloropropane	ND		10.0	5.00	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,2-Dibromoethane (EDB)	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,2-Dichlorobenzene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,3-Dichlorobenzene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,4-Dichlorobenzene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Dichlorodifluoromethane	ND		1.00	0.600	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,2-Dichloroethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,1-Dichloroethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,1-Dichloroethene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
trans-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
cis-1,2-Dichloroethene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,2-Dichloropropane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
trans-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
cis-1,3-Dichloropropene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Ethylbenzene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
2-Hexanone	ND		10.0	5.00	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Isopropylbenzene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Methyl Acetate	ND		10.0	5.00	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Methylcyclohexane	ND		5.00	2.50	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Methyl tert-Butyl Ether	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Methylene Chloride	ND		5.00	2.50	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
4-Methyl-2-pentanone	ND		10.0	5.00	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
n-Propylbenzene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Styrene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,1,2,2-Tetrachloroethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Tetrachloroethene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Tetrahydrofuran	ND		20.0	10.0	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Toluene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,2,4-Trichlorobenzene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,1,1-Trichloroethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,1,2-Trichloroethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Trichloroethene	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Trichlorofluoromethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Vinyl chloride	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1405-BLK1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1405_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, total	ND		3.00	1.50	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
1,1,2-Trifluorotrichloroethane	ND		1.00	0.500	ug/L		04/07/12 11:42	04/11/12 15:11	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	102		70 - 130				04/07/12 11:42	04/11/12 15:11	1.00
Dibromofluoromethane	110		70 - 130				04/07/12 11:42	04/11/12 15:11	1.00
Toluene-d8	99		70 - 130				04/07/12 11:42	04/11/12 15:11	1.00
4-Bromofluorobenzene	84		70 - 130				04/07/12 11:42	04/11/12 15:11	1.00

Lab Sample ID: 12D1405-BS1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1405_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	296		ug/L		118	54 - 145
Benzene	50.0	49.7		ug/L		99	80 - 121
Bromochloromethane	50.0	58.6		ug/L		117	78 - 129
Bromodichloromethane	50.0	47.1		ug/L		94	75 - 129
Bromoform	50.0	41.0		ug/L		82	46 - 145
Bromomethane	50.0	47.9		ug/L		96	41 - 150
2-Butanone	250	260		ug/L		104	62 - 133
Carbon disulfide	50.0	47.5		ug/L		95	77 - 126
Carbon Tetrachloride	50.0	51.6		ug/L		103	64 - 147
Chlorobenzene	50.0	49.0		ug/L		98	80 - 120
Chlorodibromomethane	50.0	50.2		ug/L		100	69 - 133
Chloroethane	50.0	46.7		ug/L		93	72 - 120
Chloroform	50.0	59.7		ug/L		119	73 - 129
Chloromethane	50.0	45.5		ug/L		91	12 - 150
Cyclohexane	50.0	45.8		ug/L		92	73 - 122
1,2-Dibromo-3-chloropropane	50.0	38.1		ug/L		76	54 - 125
1,2-Dibromoethane (EDB)	50.0	50.5		ug/L		101	80 - 129
1,2-Dichlorobenzene	50.0	47.3		ug/L		95	80 - 121
1,3-Dichlorobenzene	50.0	46.0		ug/L		92	80 - 122
1,4-Dichlorobenzene	50.0	46.7		ug/L		93	80 - 120
Dichlorodifluoromethane	50.0	50.9		ug/L		102	37 - 127
1,2-Dichloroethane	50.0	47.5		ug/L		95	77 - 121
1,1-Dichloroethane	50.0	52.8		ug/L		106	78 - 125
1,1-Dichloroethene	50.0	55.7		ug/L		111	79 - 124
trans-1,2-Dichloroethene	50.0	51.5		ug/L		103	79 - 126
cis-1,2-Dichloroethene	50.0	48.3		ug/L		97	76 - 125
1,2-Dichloropropane	50.0	45.8		ug/L		92	75 - 120
trans-1,3-Dichloropropene	50.0	38.0		ug/L		76	63 - 134
cis-1,3-Dichloropropene	50.0	40.8		ug/L		82	74 - 140
Ethylbenzene	50.0	46.1		ug/L		92	80 - 130
2-Hexanone	250	228		ug/L		91	60 - 142
Isopropylbenzene	50.0	48.5		ug/L		97	80 - 141
Methyl Acetate	50.0	34.8		ug/L		70	64 - 150
Methylcyclohexane	50.0	42.8		ug/L		86	71 - 129
Methyl tert-Butyl Ether	50.0	46.7		ug/L		93	72 - 133

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1405-BS1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1405_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	50.0	60.2		ug/L		120	79 - 123
4-Methyl-2-pentanone	250	228		ug/L		91	60 - 137
n-Propylbenzene	50.0	43.4		ug/L		87	75 - 129
Styrene	50.0	46.0		ug/L		92	80 - 127
1,1,2,2-Tetrachloroethane	50.0	42.3		ug/L		85	69 - 131
Tetrachloroethene	50.0	51.0		ug/L		102	80 - 126
Tetrahydrofuran	500	697	L1	ug/L		139	51 - 124
Toluene	50.0	47.9		ug/L		96	80 - 126
1,2,4-Trichlorobenzene	50.0	44.8		ug/L		90	63 - 133
1,1,1-Trichloroethane	50.0	51.7		ug/L		103	78 - 135
1,1,2-Trichloroethane	50.0	49.9		ug/L		100	80 - 124
Trichloroethene	50.0	53.8		ug/L		108	80 - 123
Trichlorofluoromethane	50.0	49.9		ug/L		100	65 - 124
Vinyl chloride	50.0	51.7		ug/L		103	68 - 120
Xylenes, total	150	134		ug/L		90	80 - 132
1,1,2-Trifluorotrichloroethane	50.0	49.4		ug/L		99	77 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	94		70 - 130
Dibromofluoromethane	115		70 - 130
Toluene-d8	98		70 - 130
4-Bromofluorobenzene	84		70 - 130

Lab Sample ID: 12D1405-BSD1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1405_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Acetone	250	434	L1 R2	ug/L		174	54 - 145	38	21
Benzene	50.0	50.8		ug/L		102	80 - 121	2	17
Bromochloromethane	50.0	59.6		ug/L		119	78 - 129	2	17
Bromodichloromethane	50.0	47.6		ug/L		95	75 - 129	1	18
Bromoform	50.0	41.0		ug/L		82	46 - 145	0.1	16
Bromomethane	50.0	52.7		ug/L		105	41 - 150	10	50
2-Butanone	250	284		ug/L		114	62 - 133	9	19
Carbon disulfide	50.0	49.7		ug/L		99	77 - 126	5	21
Carbon Tetrachloride	50.0	53.2		ug/L		106	64 - 147	3	19
Chlorobenzene	50.0	49.4		ug/L		99	80 - 120	1	14
Chlorodibromomethane	50.0	50.6		ug/L		101	69 - 133	0.6	15
Chloroethane	50.0	46.2		ug/L		92	72 - 120	1	20
Chloroform	50.0	57.9		ug/L		116	73 - 129	3	18
Chloromethane	50.0	42.5		ug/L		85	12 - 150	7	31
Cyclohexane	50.0	46.6		ug/L		93	73 - 122	2	16
1,2-Dibromo-3-chloropropane	50.0	39.7		ug/L		79	54 - 125	4	24
1,2-Dibromoethane (EDB)	50.0	50.8		ug/L		102	80 - 129	0.6	15
1,2-Dichlorobenzene	50.0	48.7		ug/L		97	80 - 121	3	15
1,3-Dichlorobenzene	50.0	47.8		ug/L		96	80 - 122	4	15
1,4-Dichlorobenzene	50.0	48.9		ug/L		98	80 - 120	5	15
Dichlorodifluoromethane	50.0	45.4		ug/L		91	37 - 127	11	18

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1405-BSD1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1405_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane	50.0	48.0		ug/L		96	77 - 121	1	17
1,1-Dichloroethane	50.0	53.1		ug/L		106	78 - 125	0.6	17
1,1-Dichloroethene	50.0	56.4		ug/L		113	79 - 124	1	17
trans-1,2-Dichloroethene	50.0	52.7		ug/L		105	79 - 126	2	16
cis-1,2-Dichloroethene	50.0	50.7		ug/L		101	76 - 125	5	17
1,2-Dichloropropane	50.0	46.4		ug/L		93	75 - 120	1	17
trans-1,3-Dichloropropene	50.0	42.7		ug/L		85	63 - 134	11	14
cis-1,3-Dichloropropene	50.0	46.2		ug/L		92	74 - 140	12	15
Ethylbenzene	50.0	46.9		ug/L		94	80 - 130	2	15
2-Hexanone	250	244		ug/L		98	60 - 142	7	15
Isopropylbenzene	50.0	49.4		ug/L		99	80 - 141	2	16
Methyl Acetate	50.0	37.2		ug/L		74	64 - 150	7	31
Methylcyclohexane	50.0	44.4		ug/L		89	71 - 129	4	19
Methyl tert-Butyl Ether	50.0	48.1		ug/L		96	72 - 133	3	16
Methylene Chloride	50.0	58.6		ug/L		117	79 - 123	3	17
4-Methyl-2-pentanone	250	236		ug/L		94	60 - 137	3	17
n-Propylbenzene	50.0	43.2		ug/L		86	75 - 129	0.5	17
Styrene	50.0	46.8		ug/L		94	80 - 127	2	24
1,1,2,2-Tetrachloroethane	50.0	38.0		ug/L		76	69 - 131	11	20
Tetrachloroethene	50.0	54.1		ug/L		108	80 - 126	6	16
Tetrahydrofuran	500	682	L1	ug/L		136	51 - 124	2	18
Toluene	50.0	48.7		ug/L		97	80 - 126	2	15
1,2,4-Trichlorobenzene	50.0	46.6		ug/L		93	63 - 133	4	19
1,1,1-Trichloroethane	50.0	52.2		ug/L		104	78 - 135	1	17
1,1,2-Trichloroethane	50.0	51.0		ug/L		102	80 - 124	2	15
Trichloroethene	50.0	59.4		ug/L		119	80 - 123	10	17
Trichlorofluoromethane	50.0	44.5		ug/L		89	65 - 124	11	18
Vinyl chloride	50.0	49.9		ug/L		100	68 - 120	4	17
Xylenes, total	150	137		ug/L		91	80 - 132	2	15
1,1,2-Trifluorotrichloroethane	50.0	52.0		ug/L		104	77 - 129	5	18

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
1,2-Dichloroethane-d4	92		70 - 130
Dibromofluoromethane	116		70 - 130
Toluene-d8	97		70 - 130
4-Bromofluorobenzene	82		70 - 130

Lab Sample ID: 12D1405-MS1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1405_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		250	294		ug/L		117	45 - 141
Benzene	ND		50.0	50.0		ug/L		100	75 - 133
Bromochloromethane	ND		50.0	59.1		ug/L		118	67 - 139
Bromodichloromethane	ND		50.0	49.2		ug/L		98	70 - 140
Bromoform	ND		50.0	42.0		ug/L		84	42 - 147
Bromomethane	ND		50.0	43.5		ug/L		87	16 - 163
2-Butanone	ND		250	253		ug/L		101	50 - 138

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1405-MS1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1405_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Carbon disulfide	ND		50.0	40.8		ug/L		82	48 - 152
Carbon Tetrachloride	ND		50.0	57.6		ug/L		115	62 - 164
Chlorobenzene	ND		50.0	49.7		ug/L		99	80 - 129
Chlorodibromomethane	ND		50.0	51.0		ug/L		102	66 - 140
Chloroethane	ND		50.0	46.6		ug/L		93	58 - 137
Chloroform	ND		50.0	57.5		ug/L		115	66 - 138
Chloromethane	ND		50.0	38.4		ug/L		77	10 - 169
Cyclohexane	ND		50.0	44.5		ug/L		89	58 - 144
1,2-Dibromo-3-chloropropane	ND		50.0	40.5		ug/L		81	52 - 126
1,2-Dibromoethane (EDB)	ND		50.0	50.8		ug/L		102	75 - 137
1,2-Dichlorobenzene	ND		50.0	47.8		ug/L		96	79 - 128
1,3-Dichlorobenzene	ND		50.0	47.2		ug/L		94	77 - 131
1,4-Dichlorobenzene	ND		50.0	48.0		ug/L		96	78 - 126
Dichlorodifluoromethane	ND		50.0	38.0		ug/L		76	40 - 127
1,2-Dichloroethane	ND		50.0	49.8		ug/L		100	64 - 136
1,1-Dichloroethane	ND		50.0	53.9		ug/L		108	71 - 139
1,1-Dichloroethene	ND		50.0	57.1		ug/L		114	70 - 142
trans-1,2-Dichloroethene	ND		50.0	51.0		ug/L		102	66 - 143
cis-1,2-Dichloroethene	ND		50.0	52.6		ug/L		105	68 - 138
1,2-Dichloropropane	ND		50.0	46.0		ug/L		92	67 - 131
trans-1,3-Dichloropropene	ND		50.0	43.4		ug/L		87	59 - 135
cis-1,3-Dichloropropene	ND		50.0	46.9		ug/L		94	71 - 141
Ethylbenzene	ND		50.0	47.6		ug/L		95	79 - 139
2-Hexanone	ND		250	230		ug/L		92	50 - 150
Isopropylbenzene	0.550		50.0	51.4		ug/L		102	80 - 153
Methyl Acetate	ND		50.0	33.3		ug/L		67	30 - 165
Methylcyclohexane	ND		50.0	43.2		ug/L		86	59 - 151
Methyl tert-Butyl Ether	ND		50.0	47.1		ug/L		94	66 - 141
Methylene Chloride	ND		50.0	56.9		ug/L		114	64 - 139
4-Methyl-2-pentanone	ND		250	235		ug/L		94	50 - 147
n-Propylbenzene	1.01		50.0	45.4		ug/L		89	69 - 142
Styrene	ND		50.0	47.0		ug/L		94	61 - 148
1,1,1,2-Tetrachloroethane	ND		50.0	41.8		ug/L		84	56 - 143
Tetrachloroethene	ND		50.0	54.0		ug/L		108	72 - 145
Tetrahydrofuran	ND		500	617		ug/L		123	34 - 133
Toluene	ND		50.0	48.0		ug/L		96	75 - 136
1,2,4-Trichlorobenzene	ND		50.0	46.7		ug/L		93	60 - 136
1,1,1-Trichloroethane	ND		50.0	55.8		ug/L		112	76 - 149
1,1,2-Trichloroethane	ND		50.0	51.4		ug/L		103	74 - 134
Trichloroethene	ND		50.0	55.7		ug/L		111	73 - 144
Trichlorofluoromethane	ND		50.0	43.9		ug/L		88	58 - 139
Vinyl chloride	ND		50.0	48.1		ug/L		96	56 - 129
Xylenes, total	ND		150	138		ug/L		92	74 - 141
1,1,2-Trifluorotrichloroethane	ND		50.0	55.5		ug/L		111	72 - 148

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	100		70 - 130
Dibromofluoromethane	118		70 - 130
Toluene-d8	96		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1405-MS1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1405_P

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
4-Bromofluorobenzene	82		70 - 130

Lab Sample ID: 12D1405-MSD1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1405_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Acetone	ND		250	291		ug/L		116	45 - 141	0.9	21
Benzene	ND		50.0	50.6		ug/L		101	75 - 133	1	17
Bromochloromethane	ND		50.0	59.1		ug/L		118	67 - 139	0.02	17
Bromodichloromethane	ND		50.0	48.3		ug/L		97	70 - 140	2	18
Bromoform	ND		50.0	42.2		ug/L		84	42 - 147	0.4	16
Bromomethane	ND		50.0	47.3		ug/L		95	16 - 163	8	50
2-Butanone	ND		250	259		ug/L		103	50 - 138	2	19
Carbon disulfide	ND		50.0	41.0		ug/L		82	48 - 152	0.6	21
Carbon Tetrachloride	ND		50.0	57.9		ug/L		116	62 - 164	0.4	19
Chlorobenzene	ND		50.0	50.3		ug/L		101	80 - 129	1	14
Chlorodibromomethane	ND		50.0	52.3		ug/L		105	66 - 140	3	15
Chloroethane	ND		50.0	46.7		ug/L		93	58 - 137	0.2	20
Chloroform	ND		50.0	57.1		ug/L		114	66 - 138	0.7	18
Chloromethane	ND		50.0	38.5		ug/L		77	10 - 169	0.3	31
Cyclohexane	ND		50.0	46.4		ug/L		93	58 - 144	4	16
1,2-Dibromo-3-chloropropane	ND		50.0	43.0		ug/L		86	52 - 126	6	24
1,2-Dibromoethane (EDB)	ND		50.0	50.8		ug/L		102	75 - 137	0.02	15
1,2-Dichlorobenzene	ND		50.0	49.6		ug/L		99	79 - 128	4	15
1,3-Dichlorobenzene	ND		50.0	48.7		ug/L		97	77 - 131	3	15
1,4-Dichlorobenzene	ND		50.0	49.7		ug/L		99	78 - 126	3	15
Dichlorodifluoromethane	ND		50.0	38.3		ug/L		77	40 - 127	0.8	18
1,2-Dichloroethane	ND		50.0	47.8		ug/L		96	64 - 136	4	17
1,1-Dichloroethane	ND		50.0	53.9		ug/L		108	71 - 139	0.1	17
1,1-Dichloroethene	ND		50.0	57.4		ug/L		115	70 - 142	0.6	17
trans-1,2-Dichloroethene	ND		50.0	51.4		ug/L		103	66 - 143	0.8	16
cis-1,2-Dichloroethene	ND		50.0	52.3		ug/L		105	68 - 138	0.6	17
1,2-Dichloropropane	ND		50.0	46.6		ug/L		93	67 - 131	1	17
trans-1,3-Dichloropropene	ND		50.0	44.2		ug/L		88	59 - 135	2	14
cis-1,3-Dichloropropene	ND		50.0	47.8		ug/L		96	71 - 141	2	15
Ethylbenzene	ND		50.0	48.9		ug/L		98	79 - 139	3	15
2-Hexanone	ND		250	239		ug/L		96	50 - 150	4	15
Isopropylbenzene	0.550		50.0	53.5		ug/L		106	80 - 153	4	16
Methyl Acetate	ND		50.0	32.8		ug/L		66	30 - 165	1	31
Methylcyclohexane	ND		50.0	45.3		ug/L		91	59 - 151	5	19
Methyl tert-Butyl Ether	ND		50.0	48.4		ug/L		97	66 - 141	3	16
Methylene Chloride	ND		50.0	58.2		ug/L		116	64 - 139	2	17
4-Methyl-2-pentanone	ND		250	240		ug/L		96	50 - 147	2	17
n-Propylbenzene	1.01		50.0	47.2		ug/L		92	69 - 142	4	17
Styrene	ND		50.0	48.0		ug/L		96	61 - 148	2	24
1,1,2,2-Tetrachloroethane	ND		50.0	41.8		ug/L		84	56 - 143	0.05	20
Tetrachloroethene	ND		50.0	56.3		ug/L		113	72 - 145	4	16
Tetrahydrofuran	ND		500	622		ug/L		124	34 - 133	0.8	18

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1405-MSD1

Matrix: Water

Analysis Batch: V006008

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1405_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	ND		50.0	49.3		ug/L		99	75 - 136	3	15
1,2,4-Trichlorobenzene	ND		50.0	51.3		ug/L		103	60 - 136	9	19
1,1,1-Trichloroethane	ND		50.0	56.0		ug/L		112	76 - 149	0.3	17
1,1,2-Trichloroethane	ND		50.0	52.2		ug/L		104	74 - 134	2	15
Trichloroethene	ND		50.0	56.2		ug/L		112	73 - 144	0.9	17
Trichlorofluoromethane	ND		50.0	48.6		ug/L		97	58 - 139	10	18
Vinyl chloride	ND		50.0	48.3		ug/L		97	56 - 129	0.5	17
Xylenes, total	ND		150	142		ug/L		95	74 - 141	3	15
1,1,2-Trifluorotrichloroethane	ND		50.0	57.2		ug/L		114	72 - 148	3	18

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits
1,2-Dichloroethane-d4	93		70 - 130
Dibromofluoromethane	118		70 - 130
Toluene-d8	97		70 - 130
4-Bromofluorobenzene	83		70 - 130

Lab Sample ID: 12D1692-BLK1

Matrix: Soil

Analysis Batch: V006387

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1692_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0500	0.0250	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Benzene	ND		0.00200	0.00110	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Bromochloromethane	ND		0.00200	0.00120	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Bromodichloromethane	ND		0.00200	0.00100	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Bromoform	ND		0.00200	0.00100	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Bromomethane	ND		0.00200	0.00120	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
2-Butanone	ND		0.0500	0.0250	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Carbon disulfide	ND		0.00500	0.00360	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Carbon Tetrachloride	ND		0.00200	0.00100	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Chlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Chlorodibromomethane	ND		0.00200	0.00100	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Chloroethane	ND		0.00500	0.00250	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Chloroform	ND		0.00200	0.00130	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Chloromethane	ND		0.00200	0.00110	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Cyclohexane	ND		0.0100	0.00500	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
1,2-Dibromo-3-chloropropane	ND		0.00500	0.00250	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
1,2-Dibromoethane (EDB)	ND		0.00200	0.00100	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
1,2-Dichlorobenzene	ND		0.00200	0.00100	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
1,3-Dichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
1,4-Dichlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Dichlorodifluoromethane	ND		0.00200	0.00140	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
1,2-Dichloroethane	ND		0.00200	0.00110	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
1,1-Dichloroethane	ND		0.00200	0.00130	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
1,1-Dichloroethene	ND		0.00200	0.00120	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
trans-1,2-Dichloroethene	ND		0.00200	0.00130	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
cis-1,2-Dichloroethene	ND		0.00200	0.00110	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
1,2-Dichloropropane	ND		0.00200	0.00100	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
trans-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1692-BLK1

Matrix: Soil

Analysis Batch: V006387

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1692_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Ethylbenzene	ND		0.00200	0.00110	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
2-Hexanone	ND		0.0500	0.0250	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Isopropylbenzene	ND		0.00200	0.00110	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Methyl Acetate	ND		0.0100	0.00500	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Methylcyclohexane	ND		0.0100	0.00500	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Methyl tert-Butyl Ether	ND		0.00200	0.00100	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Methylene Chloride	ND		0.0100	0.00500	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
4-Methyl-2-pentanone	ND		0.0500	0.0250	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
n-Propylbenzene	ND		0.00200	0.00110	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Styrene	ND		0.00200	0.00110	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
1,1,2,2-Tetrachloroethane	ND		0.00200	0.00100	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Tetrachloroethene	ND		0.00200	0.00130	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Tetrahydrofuran	ND		0.0200	0.0100	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Toluene	ND		0.00200	0.00110	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
1,2,4-Trichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
1,1,1-Trichloroethane	ND		0.00200	0.00100	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
1,1,2-Trichloroethane	ND		0.00500	0.00250	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Trichloroethene	ND		0.00200	0.00100	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Trichlorofluoromethane	ND		0.00200	0.00100	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Vinyl chloride	ND		0.00200	0.00100	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
Xylenes, total	ND		0.00500	0.00250	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00200	0.00110	mg/kg wet		04/17/12 14:44	04/17/12 17:03	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	100		70 - 130	04/17/12 14:44	04/17/12 17:03	1.00
Dibromofluoromethane	98		70 - 130	04/17/12 14:44	04/17/12 17:03	1.00
Toluene-d8	105		70 - 130	04/17/12 14:44	04/17/12 17:03	1.00
4-Bromofluorobenzene	98		70 - 130	04/17/12 14:44	04/17/12 17:03	1.00

Lab Sample ID: 12D1692-BLK2

Matrix: Soil

Analysis Batch: V006387

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1692_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2.50	1.25	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Benzene	ND		0.100	0.0550	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Bromochloromethane	ND		0.100	0.0600	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Bromodichloromethane	ND		0.100	0.0500	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Bromoform	ND		0.100	0.0500	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Bromomethane	ND		0.100	0.0600	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
2-Butanone	ND		2.50	1.25	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Carbon disulfide	ND		0.250	0.180	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Carbon Tetrachloride	ND		0.100	0.0500	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Chlorobenzene	ND		0.100	0.0550	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Chlorodibromomethane	ND		0.100	0.0500	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Chloroethane	ND		0.250	0.125	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Chloroform	0.129		0.100	0.0650	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Chloromethane	ND		0.100	0.0550	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1692-BLK2

Matrix: Soil

Analysis Batch: V006387

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1692_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		0.500	0.250	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
1,2-Dibromo-3-chloropropane	ND		0.250	0.125	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
1,2-Dibromoethane (EDB)	ND		0.100	0.0500	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
1,2-Dichlorobenzene	ND		0.100	0.0500	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
1,3-Dichlorobenzene	ND		0.100	0.0600	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
1,4-Dichlorobenzene	ND		0.100	0.0550	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Dichlorodifluoromethane	ND		0.100	0.0700	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
1,2-Dichloroethane	ND		0.100	0.0550	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
1,1-Dichloroethane	ND		0.100	0.0650	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
1,1-Dichloroethene	ND		0.100	0.0600	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
trans-1,2-Dichloroethene	ND		0.100	0.0650	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
cis-1,2-Dichloroethene	ND		0.100	0.0550	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
1,2-Dichloropropane	ND		0.100	0.0500	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
trans-1,3-Dichloropropene	ND		0.100	0.0500	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
cis-1,3-Dichloropropene	ND		0.100	0.0500	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Ethylbenzene	ND		0.100	0.0550	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
2-Hexanone	ND		2.50	1.25	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Isopropylbenzene	ND		0.100	0.0550	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Methyl Acetate	0.756		0.500	0.250	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Methylcyclohexane	ND		0.500	0.250	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Methyl tert-Butyl Ether	ND		0.100	0.0500	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Methylene Chloride	ND		0.500	0.250	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
4-Methyl-2-pentanone	ND		2.50	1.25	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
n-Propylbenzene	ND		0.100	0.0550	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Styrene	ND		0.100	0.0550	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
1,1,2,2-Tetrachloroethane	ND		0.100	0.0500	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Tetrachloroethene	ND		0.100	0.0650	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Tetrahydrofuran	ND		1.00	0.500	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Toluene	ND		0.100	0.0550	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
1,2,4-Trichlorobenzene	ND		0.100	0.0600	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
1,1,1-Trichloroethane	ND		0.100	0.0500	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
1,1,2-Trichloroethane	ND		0.250	0.125	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Trichloroethene	ND		0.100	0.0500	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Trichlorofluoromethane	ND		0.100	0.0500	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Vinyl chloride	ND		0.100	0.0500	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
Xylenes, total	ND		0.250	0.125	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0
1,1,2-Trifluorotrichloroethane	ND		0.100	0.0550	mg/kg wet		04/17/12 14:44	04/17/12 17:31	50.0

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	94		70 - 130	04/17/12 14:44	04/17/12 17:31	50.0
Dibromofluoromethane	92		70 - 130	04/17/12 14:44	04/17/12 17:31	50.0
Toluene-d8	105		70 - 130	04/17/12 14:44	04/17/12 17:31	50.0
4-Bromofluorobenzene	98		70 - 130	04/17/12 14:44	04/17/12 17:31	50.0

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1692-BS1

Matrix: Soil

Analysis Batch: V006387

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1692_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	227		ug/kg		91	51 - 149
Benzene	50.0	48.2		ug/kg		96	75 - 127
Bromochloromethane	50.0	51.0		ug/kg		102	70 - 132
Bromodichloromethane	50.0	47.5		ug/kg		95	68 - 135
Bromoform	50.0	54.2		ug/kg		108	36 - 150
Bromomethane	50.0	51.8		ug/kg		104	43 - 142
2-Butanone	250	235		ug/kg		94	61 - 132
Carbon disulfide	50.0	46.1		ug/kg		92	74 - 135
Carbon Tetrachloride	50.0	49.3		ug/kg		99	70 - 141
Chlorobenzene	50.0	54.6		ug/kg		109	84 - 125
Chlorodibromomethane	50.0	57.0		ug/kg		114	66 - 134
Chloroethane	50.0	47.5		ug/kg		95	53 - 144
Chloroform	50.0	49.6	B	ug/kg		99	76 - 130
Chloromethane	50.0	36.0		ug/kg		72	23 - 150
Cyclohexane	50.0	46.6		ug/kg		93	70 - 133
1,2-Dibromo-3-chloropropane	50.0	53.2		ug/kg		106	49 - 142
1,2-Dibromoethane (EDB)	50.0	55.2		ug/kg		110	80 - 135
1,2-Dichlorobenzene	50.0	56.6		ug/kg		113	80 - 134
1,3-Dichlorobenzene	50.0	57.2		ug/kg		114	79 - 137
1,4-Dichlorobenzene	50.0	57.6		ug/kg		115	77 - 139
Dichlorodifluoromethane	50.0	39.0		ug/kg		78	12 - 144
1,2-Dichloroethane	50.0	49.1		ug/kg		98	65 - 134
1,1-Dichloroethane	50.0	49.1		ug/kg		98	75 - 124
1,1-Dichloroethene	50.0	48.0		ug/kg		96	75 - 131
trans-1,2-Dichloroethene	50.0	47.2		ug/kg		94	76 - 128
cis-1,2-Dichloroethene	50.0	47.9		ug/kg		96	75 - 125
1,2-Dichloropropane	50.0	44.3		ug/kg		89	69 - 120
trans-1,3-Dichloropropene	50.0	51.4		ug/kg		103	62 - 139
cis-1,3-Dichloropropene	50.0	55.6		ug/kg		111	73 - 148
Ethylbenzene	50.0	54.2		ug/kg		108	80 - 134
2-Hexanone	250	261		ug/kg		104	57 - 148
Isopropylbenzene	50.0	59.4		ug/kg		119	80 - 150
Methyl Acetate	50.0	39.0	B	ug/kg		78	11 - 170
Methylcyclohexane	50.0	50.3		ug/kg		101	69 - 140
Methyl tert-Butyl Ether	50.0	49.8		ug/kg		100	70 - 136
Methylene Chloride	50.0	47.1		ug/kg		94	68 - 144
4-Methyl-2-pentanone	250	256		ug/kg		102	59 - 138
n-Propylbenzene	50.0	58.2		ug/kg		116	75 - 137
Styrene	50.0	57.0		ug/kg		114	82 - 137
1,1,2,2-Tetrachloroethane	50.0	59.7		ug/kg		119	66 - 134
Tetrachloroethene	50.0	53.4		ug/kg		107	78 - 140
Tetrahydrofuran	500	455		ug/kg		91	53 - 134
Toluene	50.0	53.1		ug/kg		106	80 - 132
1,2,4-Trichlorobenzene	50.0	57.0		ug/kg		114	62 - 150
1,1,1-Trichloroethane	50.0	48.9		ug/kg		98	72 - 140
1,1,2-Trichloroethane	50.0	55.3		ug/kg		111	78 - 128
Trichloroethene	50.0	47.5		ug/kg		95	77 - 127
Trichlorofluoromethane	50.0	48.6		ug/kg		97	50 - 140
Vinyl chloride	50.0	47.1		ug/kg		94	47 - 136

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1692-BS1

Matrix: Soil

Analysis Batch: V006387

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1692_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Xylenes, total	150	160		ug/kg		107	80 - 137
1,1,2-Trifluorotrichloroethane	50.0	53.4		ug/kg		107	67 - 136
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1,2-Dichloroethane-d4	101		70 - 130				
Dibromofluoromethane	99		70 - 130				
Toluene-d8	104		70 - 130				
4-Bromofluorobenzene	96		70 - 130				

Lab Sample ID: 12D1692-BS1

Matrix: Soil

Analysis Batch: V006387

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1692_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	250	219		ug/kg		88	51 - 149	4	50
Benzene	50.0	47.6		ug/kg		95	75 - 127	1	50
Bromochloromethane	50.0	49.0		ug/kg		98	70 - 132	4	50
Bromodichloromethane	50.0	47.0		ug/kg		94	68 - 135	1	50
Bromoform	50.0	54.6		ug/kg		109	36 - 150	0.8	50
Bromomethane	50.0	50.0		ug/kg		100	43 - 142	4	50
2-Butanone	250	220		ug/kg		88	61 - 132	6	50
Carbon disulfide	50.0	45.3		ug/kg		91	74 - 135	2	50
Carbon Tetrachloride	50.0	47.6		ug/kg		95	70 - 141	4	50
Chlorobenzene	50.0	53.9		ug/kg		108	84 - 125	1	50
Chlorodibromomethane	50.0	56.3		ug/kg		113	66 - 134	1	50
Chloroethane	50.0	46.9		ug/kg		94	53 - 144	1	50
Chloroform	50.0	48.2	B	ug/kg		96	76 - 130	3	49
Chloromethane	50.0	35.2		ug/kg		70	23 - 150	2	50
Cyclohexane	50.0	45.4		ug/kg		91	70 - 133	3	50
1,2-Dibromo-3-chloropropane	50.0	50.6		ug/kg		101	49 - 142	5	50
1,2-Dibromoethane (EDB)	50.0	55.0		ug/kg		110	80 - 135	0.4	50
1,2-Dichlorobenzene	50.0	55.2		ug/kg		110	80 - 134	3	50
1,3-Dichlorobenzene	50.0	55.4		ug/kg		111	79 - 137	3	50
1,4-Dichlorobenzene	50.0	55.6		ug/kg		111	77 - 139	4	50
Dichlorodifluoromethane	50.0	36.7		ug/kg		73	12 - 144	6	50
1,2-Dichloroethane	50.0	47.0		ug/kg		94	65 - 134	4	50
1,1-Dichloroethane	50.0	48.7		ug/kg		97	75 - 124	0.9	50
1,1-Dichloroethene	50.0	47.2		ug/kg		94	75 - 131	2	50
trans-1,2-Dichloroethene	50.0	46.4		ug/kg		93	76 - 128	2	50
cis-1,2-Dichloroethene	50.0	47.4		ug/kg		95	75 - 125	1	50
1,2-Dichloropropane	50.0	43.5		ug/kg		87	69 - 120	2	50
trans-1,3-Dichloropropene	50.0	52.3		ug/kg		105	62 - 139	2	50
cis-1,3-Dichloropropene	50.0	55.0		ug/kg		110	73 - 148	1	50
Ethylbenzene	50.0	54.4		ug/kg		109	80 - 134	0.4	50
2-Hexanone	250	258		ug/kg		103	57 - 148	1	50
Isopropylbenzene	50.0	58.6		ug/kg		117	80 - 150	1	50
Methyl Acetate	50.0	34.3	B	ug/kg		69	11 - 170	13	50
Methylcyclohexane	50.0	48.0		ug/kg		96	69 - 140	5	50
Methyl tert-Butyl Ether	50.0	47.8		ug/kg		96	70 - 136	4	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1692-BS1

Matrix: Soil

Analysis Batch: V006387

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1692_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Methylene Chloride	50.0	46.7		ug/kg		93	68 - 144	1	50
4-Methyl-2-pentanone	250	250		ug/kg		100	59 - 138	2	50
n-Propylbenzene	50.0	55.8		ug/kg		112	75 - 137	4	50
Styrene	50.0	56.3		ug/kg		113	82 - 137	1	50
1,1,2,2-Tetrachloroethane	50.0	57.8		ug/kg		116	66 - 134	3	50
Tetrachloroethene	50.0	53.2		ug/kg		106	78 - 140	0.3	50
Tetrahydrofuran	500	429		ug/kg		86	53 - 134	6	50
Toluene	50.0	52.8		ug/kg		106	80 - 132	0.5	50
1,2,4-Trichlorobenzene	50.0	53.3		ug/kg		107	62 - 150	7	50
1,1,1-Trichloroethane	50.0	47.7		ug/kg		95	72 - 140	3	50
1,1,2-Trichloroethane	50.0	53.7		ug/kg		107	78 - 128	3	50
Trichloroethene	50.0	46.8		ug/kg		94	77 - 127	1	50
Trichlorofluoromethane	50.0	47.8		ug/kg		96	50 - 140	2	50
Vinyl chloride	50.0	46.9		ug/kg		94	47 - 136	0.4	50
Xylenes, total	150	160		ug/kg		106	80 - 137	0.6	50
1,1,2-Trifluorotrichloroethane	50.0	51.8		ug/kg		104	67 - 136	3	50

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
1,2-Dichloroethane-d4	98		70 - 130
Dibromofluoromethane	96		70 - 130
Toluene-d8	103		70 - 130
4-Bromofluorobenzene	97		70 - 130

Lab Sample ID: 12D1692-MS1

Matrix: Soil

Analysis Batch: V006387

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1692_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Acetone	ND		0.261	0.241		mg/kg dry	✖	92	19 - 175
Benzene	ND		0.0522	0.0475		mg/kg dry	✖	91	31 - 143
Bromochloromethane	ND		0.0522	0.0507		mg/kg dry	✖	97	31 - 141
Bromodichloromethane	ND		0.0522	0.0487		mg/kg dry	✖	93	19 - 148
Bromoform	ND		0.0522	0.0546		mg/kg dry	✖	105	10 - 165
Bromomethane	ND		0.0522	0.0496		mg/kg dry	✖	95	10 - 164
2-Butanone	ND		0.261	0.236		mg/kg dry	✖	91	18 - 153
Carbon disulfide	ND		0.0522	0.0434		mg/kg dry	✖	83	32 - 144
Carbon Tetrachloride	ND		0.0522	0.0474		mg/kg dry	✖	91	31 - 149
Chlorobenzene	ND		0.0522	0.0512		mg/kg dry	✖	98	25 - 152
Chlorodibromomethane	ND		0.0522	0.0586		mg/kg dry	✖	112	14 - 146
Chloroethane	ND		0.0522	0.0491		mg/kg dry	✖	94	10 - 151
Chloroform	ND		0.0522	0.0505	B	mg/kg dry	✖	97	34 - 160
Chloromethane	ND		0.0522	0.0334		mg/kg dry	✖	64	10 - 156
Cyclohexane	ND		0.0522	0.0417		mg/kg dry	✖	80	32 - 158
1,2-Dibromo-3-chloropropane	ND		0.0522	0.0465		mg/kg dry	✖	89	10 - 147
1,2-Dibromoethane (EDB)	ND		0.0522	0.0562		mg/kg dry	✖	108	18 - 156
1,2-Dichlorobenzene	ND		0.0522	0.0460		mg/kg dry	✖	88	10 - 160
1,3-Dichlorobenzene	ND		0.0522	0.0466		mg/kg dry	✖	89	10 - 162
1,4-Dichlorobenzene	ND		0.0522	0.0464		mg/kg dry	✖	89	11 - 159
Dichlorodifluoromethane	ND		0.0522	0.0341		mg/kg dry	✖	65	10 - 143

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1692-MS1

Matrix: Soil

Analysis Batch: V006387

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1692_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
1,2-Dichloroethane	ND		0.0522	0.0500		mg/kg dry	☼	96	28 - 138
1,1-Dichloroethane	ND		0.0522	0.0489		mg/kg dry	☼	94	42 - 136
1,1-Dichloroethene	ND		0.0522	0.0455		mg/kg dry	☼	87	41 - 143
trans-1,2-Dichloroethene	ND		0.0522	0.0456		mg/kg dry	☼	87	39 - 140
cis-1,2-Dichloroethene	ND		0.0522	0.0464		mg/kg dry	☼	89	36 - 139
1,2-Dichloropropane	ND		0.0522	0.0453		mg/kg dry	☼	87	20 - 146
trans-1,3-Dichloropropene	ND		0.0522	0.0516		mg/kg dry	☼	99	10 - 157
cis-1,3-Dichloropropene	ND		0.0522	0.0547		mg/kg dry	☼	105	15 - 166
Ethylbenzene	ND		0.0522	0.0508		mg/kg dry	☼	97	23 - 161
2-Hexanone	ND		0.261	0.266		mg/kg dry	☼	102	10 - 169
Isopropylbenzene	ND		0.0522	0.0521		mg/kg dry	☼	100	23 - 181
Methyl Acetate	ND		0.0522	0.0314	B	mg/kg dry	☼	60	10 - 200
Methylcyclohexane	ND		0.0522	0.0401		mg/kg dry	☼	77	29 - 167
Methyl tert-Butyl Ether	ND		0.0522	0.0477		mg/kg dry	☼	91	28 - 141
Methylene Chloride	ND		0.0522	0.0487		mg/kg dry	☼	93	24 - 182
4-Methyl-2-pentanone	ND		0.261	0.262		mg/kg dry	☼	100	10 - 168
n-Propylbenzene	ND		0.0522	0.0484		mg/kg dry	☼	93	19 - 162
Styrene	ND		0.0522	0.0513		mg/kg dry	☼	98	10 - 165
1,1,2,2-Tetrachloroethane	ND		0.0522	0.0587		mg/kg dry	☼	113	10 - 162
Tetrachloroethene	ND		0.0522	0.0499		mg/kg dry	☼	96	33 - 161
Tetrahydrofuran	ND		0.522	0.440		mg/kg dry	☼	84	23 - 149
Toluene	ND		0.0522	0.0525		mg/kg dry	☼	101	30 - 155
1,2,4-Trichlorobenzene	ND		0.0522	0.0329		mg/kg dry	☼	63	10 - 167
1,1,1-Trichloroethane	ND		0.0522	0.0485		mg/kg dry	☼	93	35 - 149
1,1,2-Trichloroethane	ND		0.0522	0.0573		mg/kg dry	☼	110	19 - 157
Trichloroethene	ND		0.0522	0.0456		mg/kg dry	☼	87	27 - 153
Trichlorofluoromethane	ND		0.0522	0.0470		mg/kg dry	☼	90	25 - 137
Vinyl chloride	ND		0.0522	0.0433		mg/kg dry	☼	83	20 - 141
Xylenes, total	ND		0.157	0.148		mg/kg dry	☼	95	25 - 162
1,1,2-Trifluorotrichloroethane	ND		0.0522	0.0494		mg/kg dry	☼	95	42 - 147

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	100		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8	104		70 - 130
4-Bromofluorobenzene	97		70 - 130

Lab Sample ID: 12D1692-MSD1

Matrix: Soil

Analysis Batch: V006387

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1692_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Acetone	ND		0.241	0.244		mg/kg dry	☼	101	19 - 175	1	50
Benzene	ND		0.0483	0.0421		mg/kg dry	☼	87	31 - 143	12	50
Bromochloromethane	ND		0.0483	0.0455		mg/kg dry	☼	94	31 - 141	11	50
Bromodichloromethane	ND		0.0483	0.0414		mg/kg dry	☼	86	19 - 148	16	50
Bromoform	ND		0.0483	0.0469		mg/kg dry	☼	97	10 - 165	15	50
Bromomethane	ND		0.0483	0.0447		mg/kg dry	☼	92	10 - 164	11	50
2-Butanone	ND		0.241	0.218		mg/kg dry	☼	90	18 - 153	8	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1692-MSD1

Matrix: Soil

Analysis Batch: V006387

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1692_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon disulfide	ND		0.0483	0.0403		mg/kg dry	✱	83	32 - 144	7	50
Carbon Tetrachloride	ND		0.0483	0.0414		mg/kg dry	✱	86	31 - 149	14	50
Chlorobenzene	ND		0.0483	0.0446		mg/kg dry	✱	92	25 - 152	14	50
Chlorodibromomethane	ND		0.0483	0.0511		mg/kg dry	✱	106	14 - 146	14	50
Chloroethane	ND		0.0483	0.0435		mg/kg dry	✱	90	10 - 151	12	50
Chloroform	ND		0.0483	0.0444	B	mg/kg dry	✱	92	34 - 160	13	49
Chloromethane	ND		0.0483	0.0304		mg/kg dry	✱	63	10 - 156	9	50
Cyclohexane	ND		0.0483	0.0359		mg/kg dry	✱	74	32 - 158	15	50
1,2-Dibromo-3-chloropropane	ND		0.0483	0.0395		mg/kg dry	✱	82	10 - 147	16	50
1,2-Dibromoethane (EDB)	ND		0.0483	0.0505		mg/kg dry	✱	104	18 - 156	11	50
1,2-Dichlorobenzene	ND		0.0483	0.0395		mg/kg dry	✱	82	10 - 160	15	50
1,3-Dichlorobenzene	ND		0.0483	0.0396		mg/kg dry	✱	82	10 - 162	16	50
1,4-Dichlorobenzene	ND		0.0483	0.0400		mg/kg dry	✱	83	11 - 159	15	50
Dichlorodifluoromethane	ND		0.0483	0.0327		mg/kg dry	✱	68	10 - 143	4	50
1,2-Dichloroethane	ND		0.0483	0.0438		mg/kg dry	✱	91	28 - 138	13	50
1,1-Dichloroethane	ND		0.0483	0.0441		mg/kg dry	✱	91	42 - 136	10	50
1,1-Dichloroethene	ND		0.0483	0.0417		mg/kg dry	✱	86	41 - 143	9	50
trans-1,2-Dichloroethene	ND		0.0483	0.0416		mg/kg dry	✱	86	39 - 140	9	50
cis-1,2-Dichloroethene	ND		0.0483	0.0422		mg/kg dry	✱	87	36 - 139	9	50
1,2-Dichloropropane	ND		0.0483	0.0394		mg/kg dry	✱	82	20 - 146	14	50
trans-1,3-Dichloropropene	ND		0.0483	0.0457		mg/kg dry	✱	95	10 - 157	12	50
cis-1,3-Dichloropropene	ND		0.0483	0.0483		mg/kg dry	✱	100	15 - 166	12	50
Ethylbenzene	ND		0.0483	0.0445		mg/kg dry	✱	92	23 - 161	13	50
2-Hexanone	ND		0.241	0.246		mg/kg dry	✱	102	10 - 169	8	50
Isopropylbenzene	ND		0.0483	0.0450		mg/kg dry	✱	93	23 - 181	15	50
Methyl Acetate	ND		0.0483	0.0338	B	mg/kg dry	✱	70	10 - 200	7	50
Methylcyclohexane	ND		0.0483	0.0342		mg/kg dry	✱	71	29 - 167	16	50
Methyl tert-Butyl Ether	ND		0.0483	0.0440		mg/kg dry	✱	91	28 - 141	8	50
Methylene Chloride	ND		0.0483	0.0443		mg/kg dry	✱	92	24 - 182	10	50
4-Methyl-2-pentanone	ND		0.241	0.245		mg/kg dry	✱	101	10 - 168	7	50
n-Propylbenzene	ND		0.0483	0.0424		mg/kg dry	✱	88	19 - 162	13	50
Styrene	ND		0.0483	0.0446		mg/kg dry	✱	92	10 - 165	14	50
1,1,2,2-Tetrachloroethane	ND		0.0483	0.0501		mg/kg dry	✱	104	10 - 162	16	50
Tetrachloroethene	ND		0.0483	0.0432		mg/kg dry	✱	89	33 - 161	14	50
Tetrahydrofuran	ND		0.483	0.410		mg/kg dry	✱	85	23 - 149	7	50
Toluene	ND		0.0483	0.0472		mg/kg dry	✱	98	30 - 155	11	50
1,2,4-Trichlorobenzene	ND		0.0483	0.0286		mg/kg dry	✱	59	10 - 167	14	50
1,1,1-Trichloroethane	ND		0.0483	0.0424		mg/kg dry	✱	88	35 - 149	13	50
1,1,2-Trichloroethane	ND		0.0483	0.0509		mg/kg dry	✱	105	19 - 157	12	50
Trichloroethene	ND		0.0483	0.0395		mg/kg dry	✱	82	27 - 153	14	50
Trichlorofluoromethane	ND		0.0483	0.0434		mg/kg dry	✱	90	25 - 137	8	50
Vinyl chloride	ND		0.0483	0.0417		mg/kg dry	✱	86	20 - 141	4	50
Xylenes, total	ND		0.145	0.130		mg/kg dry	✱	90	25 - 162	13	50
1,1,2-Trifluorotrichloroethane	ND		0.0483	0.0454		mg/kg dry	✱	94	42 - 147	8	50

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Matrix Spike Dup Limits
1,2-Dichloroethane-d4	99		70 - 130
Dibromofluoromethane	97		70 - 130
Toluene-d8	105		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1692-MSD1

Matrix: Soil

Analysis Batch: V006387

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1692_P

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits
4-Bromofluorobenzene	95		70 - 130

Lab Sample ID: 12D1754-BLK1

Matrix: Soil

Analysis Batch: V006310

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1754_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0500	0.0250	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Benzene	ND		0.00200	0.00110	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Bromochloromethane	ND		0.00200	0.00120	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Bromodichloromethane	ND		0.00200	0.00100	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Bromoform	ND		0.00200	0.00100	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Bromomethane	ND		0.00200	0.00120	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
2-Butanone	ND		0.0500	0.0250	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Carbon disulfide	ND		0.00500	0.00360	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Carbon Tetrachloride	ND		0.00200	0.00100	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Chlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Chlorodibromomethane	ND		0.00200	0.00100	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Chloroethane	ND		0.00500	0.00250	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Chloroform	ND		0.00200	0.00130	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Chloromethane	ND		0.00200	0.00110	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Cyclohexane	ND		0.0100	0.00500	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
1,2-Dibromo-3-chloropropane	ND		0.00500	0.00250	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
1,2-Dibromoethane (EDB)	ND		0.00200	0.00100	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
1,2-Dichlorobenzene	ND		0.00200	0.00100	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
1,3-Dichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
1,4-Dichlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Dichlorodifluoromethane	ND		0.00200	0.00140	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
1,2-Dichloroethane	ND		0.00200	0.00110	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
1,1-Dichloroethane	ND		0.00200	0.00130	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
1,1-Dichloroethene	ND		0.00200	0.00120	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
trans-1,2-Dichloroethene	ND		0.00200	0.00130	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
cis-1,2-Dichloroethene	ND		0.00200	0.00110	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
1,2-Dichloropropane	ND		0.00200	0.00100	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
trans-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
cis-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Ethylbenzene	ND		0.00200	0.00110	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
2-Hexanone	ND		0.0500	0.0250	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Isopropylbenzene	ND		0.00200	0.00110	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Methyl Acetate	ND		0.0100	0.00500	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Methylcyclohexane	ND		0.0100	0.00500	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Methyl tert-Butyl Ether	ND		0.00200	0.00100	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Methylene Chloride	ND		0.0100	0.00500	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
4-Methyl-2-pentanone	ND		0.0500	0.0250	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
n-Propylbenzene	ND		0.00200	0.00110	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Styrene	ND		0.00200	0.00110	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
1,1,2,2-Tetrachloroethane	ND		0.00200	0.00100	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Tetrachloroethene	ND		0.00200	0.00130	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Tetrahydrofuran	ND		0.0200	0.0100	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1754-BLK1

Matrix: Soil

Analysis Batch: V006310

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1754_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.00200	0.00110	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
1,2,4-Trichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
1,1,1-Trichloroethane	ND		0.00200	0.00100	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
1,1,2-Trichloroethane	ND		0.00500	0.00250	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Trichloroethene	ND		0.00200	0.00100	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Trichlorofluoromethane	ND		0.00200	0.00100	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Vinyl chloride	ND		0.00200	0.00100	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
Xylenes, total	ND		0.00500	0.00250	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00200	0.00110	mg/kg wet		04/16/12 10:19	04/16/12 12:39	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	99		70 - 130	04/16/12 10:19	04/16/12 12:39	1.00
Dibromofluoromethane	96		70 - 130	04/16/12 10:19	04/16/12 12:39	1.00
Toluene-d8	105		70 - 130	04/16/12 10:19	04/16/12 12:39	1.00
4-Bromofluorobenzene	97		70 - 130	04/16/12 10:19	04/16/12 12:39	1.00

Lab Sample ID: 12D1754-BLK2

Matrix: Soil

Analysis Batch: V006310

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1754_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2.50	1.25	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Benzene	ND		0.100	0.0550	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Bromochloromethane	ND		0.100	0.0600	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Bromodichloromethane	ND		0.100	0.0500	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Bromoform	ND		0.100	0.0500	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Bromomethane	ND		0.100	0.0600	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
2-Butanone	ND		2.50	1.25	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Carbon disulfide	ND		0.250	0.180	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Carbon Tetrachloride	ND		0.100	0.0500	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Chlorobenzene	ND		0.100	0.0550	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Chlorodibromomethane	ND		0.100	0.0500	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Chloroethane	ND		0.250	0.125	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Chloroform	0.112		0.100	0.0650	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Chloromethane	ND		0.100	0.0550	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Cyclohexane	ND		0.500	0.250	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
1,2-Dibromo-3-chloropropane	ND		0.250	0.125	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
1,2-Dibromoethane (EDB)	ND		0.100	0.0500	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
1,2-Dichlorobenzene	ND		0.100	0.0500	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
1,3-Dichlorobenzene	ND		0.100	0.0600	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
1,4-Dichlorobenzene	ND		0.100	0.0550	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Dichlorodifluoromethane	ND		0.100	0.0700	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
1,2-Dichloroethane	ND		0.100	0.0550	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
1,1-Dichloroethane	ND		0.100	0.0650	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
1,1-Dichloroethene	ND		0.100	0.0600	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
trans-1,2-Dichloroethene	ND		0.100	0.0650	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
cis-1,2-Dichloroethene	ND		0.100	0.0550	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
1,2-Dichloropropane	ND		0.100	0.0500	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
trans-1,3-Dichloropropene	ND		0.100	0.0500	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1754-BLK2

Matrix: Soil

Analysis Batch: V006310

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1754_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.100	0.0500	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Ethylbenzene	ND		0.100	0.0550	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
2-Hexanone	ND		2.50	1.25	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Isopropylbenzene	ND		0.100	0.0550	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Methyl Acetate	0.668		0.500	0.250	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Methylcyclohexane	ND		0.500	0.250	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Methyl tert-Butyl Ether	ND		0.100	0.0500	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Methylene Chloride	ND		0.500	0.250	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
4-Methyl-2-pentanone	ND		2.50	1.25	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
n-Propylbenzene	ND		0.100	0.0550	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Styrene	ND		0.100	0.0550	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
1,1,2,2-Tetrachloroethane	ND		0.100	0.0500	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Tetrachloroethene	ND		0.100	0.0650	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Tetrahydrofuran	ND		1.00	0.500	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Toluene	ND		0.100	0.0550	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
1,2,4-Trichlorobenzene	ND		0.100	0.0600	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
1,1,1-Trichloroethane	ND		0.100	0.0500	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
1,1,2-Trichloroethane	ND		0.250	0.125	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Trichloroethene	ND		0.100	0.0500	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Trichlorofluoromethane	ND		0.100	0.0500	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Vinyl chloride	ND		0.100	0.0500	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
Xylenes, total	ND		0.250	0.125	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0
1,1,2-Trifluorotrichloroethane	ND		0.100	0.0550	mg/kg wet		04/16/12 10:19	04/16/12 13:07	50.0

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	97		70 - 130	04/16/12 10:19	04/16/12 13:07	50.0
Dibromofluoromethane	93		70 - 130	04/16/12 10:19	04/16/12 13:07	50.0
Toluene-d8	109		70 - 130	04/16/12 10:19	04/16/12 13:07	50.0
4-Bromofluorobenzene	97		70 - 130	04/16/12 10:19	04/16/12 13:07	50.0

Lab Sample ID: 12D1754-BS1

Matrix: Soil

Analysis Batch: V006310

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1754_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	223		ug/kg		89	51 - 149
Benzene	50.0	51.1		ug/kg		102	75 - 127
Bromochloromethane	50.0	51.1		ug/kg		102	70 - 132
Bromodichloromethane	50.0	47.2		ug/kg		94	68 - 135
Bromoform	50.0	55.3		ug/kg		111	36 - 150
Bromomethane	50.0	51.9		ug/kg		104	43 - 142
2-Butanone	250	230		ug/kg		92	61 - 132
Carbon disulfide	50.0	49.4		ug/kg		99	74 - 135
Carbon Tetrachloride	50.0	51.1		ug/kg		102	70 - 141
Chlorobenzene	50.0	55.4		ug/kg		111	84 - 125
Chlorodibromomethane	50.0	57.6		ug/kg		115	66 - 134
Chloroethane	50.0	49.7		ug/kg		99	53 - 144
Chloroform	50.0	51.0	B	ug/kg		102	76 - 130
Chloromethane	50.0	34.4		ug/kg		69	23 - 150

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1754-BS1

Matrix: Soil

Analysis Batch: V006310

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1754_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyclohexane	50.0	50.1		ug/kg		100	70 - 133
1,2-Dibromo-3-chloropropane	50.0	52.3		ug/kg		105	49 - 142
1,2-Dibromoethane (EDB)	50.0	54.0		ug/kg		108	80 - 135
1,2-Dichlorobenzene	50.0	56.3		ug/kg		113	80 - 134
1,3-Dichlorobenzene	50.0	57.7		ug/kg		115	79 - 137
1,4-Dichlorobenzene	50.0	57.8		ug/kg		116	77 - 139
Dichlorodifluoromethane	50.0	36.8		ug/kg		74	12 - 144
1,2-Dichloroethane	50.0	47.5		ug/kg		95	65 - 134
1,1-Dichloroethane	50.0	51.5		ug/kg		103	75 - 124
1,1-Dichloroethene	50.0	49.2		ug/kg		98	75 - 131
trans-1,2-Dichloroethene	50.0	50.1		ug/kg		100	76 - 128
cis-1,2-Dichloroethene	50.0	50.5		ug/kg		101	75 - 125
1,2-Dichloropropane	50.0	46.5		ug/kg		93	69 - 120
trans-1,3-Dichloropropene	50.0	53.6		ug/kg		107	62 - 139
cis-1,3-Dichloropropene	50.0	56.1		ug/kg		112	73 - 148
Ethylbenzene	50.0	55.0		ug/kg		110	80 - 134
2-Hexanone	250	255		ug/kg		102	57 - 148
Isopropylbenzene	50.0	60.9		ug/kg		122	80 - 150
Methyl Acetate	50.0	38.2	B	ug/kg		76	11 - 170
Methylcyclohexane	50.0	52.8		ug/kg		106	69 - 140
Methyl tert-Butyl Ether	50.0	49.7		ug/kg		99	70 - 136
Methylene Chloride	50.0	48.4		ug/kg		97	68 - 144
4-Methyl-2-pentanone	250	258		ug/kg		103	59 - 138
n-Propylbenzene	50.0	58.6		ug/kg		117	75 - 137
Styrene	50.0	57.1		ug/kg		114	82 - 137
1,1,1,2-Tetrachloroethane	50.0	59.6		ug/kg		119	66 - 134
Tetrachloroethene	50.0	56.0		ug/kg		112	78 - 140
Tetrahydrofuran	500	460		ug/kg		92	53 - 134
Toluene	50.0	54.5		ug/kg		109	80 - 132
1,2,4-Trichlorobenzene	50.0	55.0		ug/kg		110	62 - 150
1,1,1-Trichloroethane	50.0	51.6		ug/kg		103	72 - 140
1,1,2-Trichloroethane	50.0	54.5		ug/kg		109	78 - 128
Trichloroethene	50.0	49.2		ug/kg		98	77 - 127
Trichlorofluoromethane	50.0	50.6		ug/kg		101	50 - 140
Vinyl chloride	50.0	44.7		ug/kg		89	47 - 136
Xylenes, total	150	164		ug/kg		109	80 - 137
1,1,2-Trifluorotrichloroethane	50.0	56.0		ug/kg		112	67 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	100		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8	104		70 - 130
4-Bromofluorobenzene	96		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1754-BSD1

Matrix: Soil

Analysis Batch: V006310

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1754_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits			
Acetone	250	234		ug/kg		93	51 - 149		5	50
Benzene	50.0	50.4		ug/kg		101	75 - 127		1	50
Bromochloromethane	50.0	51.5		ug/kg		103	70 - 132		0.8	50
Bromodichloromethane	50.0	49.1		ug/kg		98	68 - 135		4	50
Bromoform	50.0	56.6		ug/kg		113	36 - 150		2	50
Bromomethane	50.0	52.1		ug/kg		104	43 - 142		0.5	50
2-Butanone	250	233		ug/kg		93	61 - 132		1	50
Carbon disulfide	50.0	48.3		ug/kg		97	74 - 135		2	50
Carbon Tetrachloride	50.0	50.7		ug/kg		101	70 - 141		0.7	50
Chlorobenzene	50.0	54.0		ug/kg		108	84 - 125		2	50
Chlorodibromomethane	50.0	57.4		ug/kg		115	66 - 134		0.2	50
Chloroethane	50.0	49.1		ug/kg		98	53 - 144		1	50
Chloroform	50.0	51.6	B	ug/kg		103	76 - 130		1	49
Chloromethane	50.0	34.0		ug/kg		68	23 - 150		1	50
Cyclohexane	50.0	48.1		ug/kg		96	70 - 133		4	50
1,2-Dibromo-3-chloropropane	50.0	52.4		ug/kg		105	49 - 142		0.2	50
1,2-Dibromoethane (EDB)	50.0	55.8		ug/kg		112	80 - 135		3	50
1,2-Dichlorobenzene	50.0	54.8		ug/kg		110	80 - 134		3	50
1,3-Dichlorobenzene	50.0	55.1		ug/kg		110	79 - 137		5	50
1,4-Dichlorobenzene	50.0	55.5		ug/kg		111	77 - 139		4	50
Dichlorodifluoromethane	50.0	34.6		ug/kg		69	12 - 144		6	50
1,2-Dichloroethane	50.0	48.1		ug/kg		96	65 - 134		1	50
1,1-Dichloroethane	50.0	51.2		ug/kg		102	75 - 124		0.5	50
1,1-Dichloroethene	50.0	48.8		ug/kg		98	75 - 131		0.9	50
trans-1,2-Dichloroethene	50.0	49.7		ug/kg		99	76 - 128		0.9	50
cis-1,2-Dichloroethene	50.0	50.1		ug/kg		100	75 - 125		0.9	50
1,2-Dichloropropane	50.0	46.1		ug/kg		92	69 - 120		0.9	50
trans-1,3-Dichloropropene	50.0	54.9		ug/kg		110	62 - 139		2	50
cis-1,3-Dichloropropene	50.0	56.2		ug/kg		112	73 - 148		0.3	50
Ethylbenzene	50.0	54.6		ug/kg		109	80 - 134		0.7	50
2-Hexanone	250	259		ug/kg		103	57 - 148		1	50
Isopropylbenzene	50.0	58.7		ug/kg		117	80 - 150		4	50
Methyl Acetate	50.0	33.6	B	ug/kg		67	11 - 170		13	50
Methylcyclohexane	50.0	49.9		ug/kg		100	69 - 140		6	50
Methyl tert-Butyl Ether	50.0	50.4		ug/kg		101	70 - 136		1	50
Methylene Chloride	50.0	49.8		ug/kg		100	68 - 144		3	50
4-Methyl-2-pentanone	250	261		ug/kg		104	59 - 138		1	50
n-Propylbenzene	50.0	56.2		ug/kg		112	75 - 137		4	50
Styrene	50.0	56.3		ug/kg		113	82 - 137		1	50
1,1,1,2-Tetrachloroethane	50.0	60.5		ug/kg		121	66 - 134		1	50
Tetrachloroethene	50.0	54.2		ug/kg		108	78 - 140		3	50
Tetrahydrofuran	500	451		ug/kg		90	53 - 134		2	50
Toluene	50.0	53.8		ug/kg		108	80 - 132		1	50
1,2,4-Trichlorobenzene	50.0	52.4		ug/kg		105	62 - 150		5	50
1,1,1-Trichloroethane	50.0	50.9		ug/kg		102	72 - 140		1	50
1,1,2-Trichloroethane	50.0	54.7		ug/kg		109	78 - 128		0.4	50
Trichloroethene	50.0	47.9		ug/kg		96	77 - 127		3	50
Trichlorofluoromethane	50.0	46.4		ug/kg		93	50 - 140		9	50
Vinyl chloride	50.0	45.5		ug/kg		91	47 - 136		2	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1754-BSD1

Matrix: Soil

Analysis Batch: V006310

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D1754_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Xylenes, total	150	160		ug/kg		107	80 - 137	2	50
1,1,2-Trifluorotrichloroethane	50.0	52.3		ug/kg		105	67 - 136	7	50
Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits						
1,2-Dichloroethane-d4	100		70 - 130						
Dibromofluoromethane	99		70 - 130						
Toluene-d8	105		70 - 130						
4-Bromofluorobenzene	98		70 - 130						

Lab Sample ID: 12D1754-MS1

Matrix: Soil

Analysis Batch: V006310

Client Sample ID: TP-10-SO-040912-06

Prep Type: Total

Prep Batch: 12D1754_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		0.245	0.244		mg/kg dry	☼	100	19 - 175
Benzene	ND		0.0490	0.0487		mg/kg dry	☼	100	31 - 143
Bromochloromethane	ND		0.0490	0.0511		mg/kg dry	☼	104	31 - 141
Bromodichloromethane	ND		0.0490	0.0486		mg/kg dry	☼	99	19 - 148
Bromoform	ND		0.0490	0.0567		mg/kg dry	☼	116	10 - 165
Bromomethane	ND		0.0490	0.0450		mg/kg dry	☼	92	10 - 164
2-Butanone	ND		0.245	0.240		mg/kg dry	☼	98	18 - 153
Carbon disulfide	ND		0.0490	0.0462		mg/kg dry	☼	94	32 - 144
Carbon Tetrachloride	ND		0.0490	0.0492		mg/kg dry	☼	100	31 - 149
Chlorobenzene	ND		0.0490	0.0546		mg/kg dry	☼	111	25 - 152
Chlorodibromomethane	ND		0.0490	0.0598		mg/kg dry	☼	122	14 - 146
Chloroethane	ND		0.0490	0.0435		mg/kg dry	☼	89	10 - 151
Chloroform	ND		0.0490	0.0495	B	mg/kg dry	☼	101	34 - 160
Chloromethane	ND		0.0490	0.0302		mg/kg dry	☼	62	10 - 156
Cyclohexane	ND		0.0490	0.0487		mg/kg dry	☼	99	32 - 158
1,2-Dibromo-3-chloropropane	ND		0.0490	0.0508		mg/kg dry	☼	104	10 - 147
1,2-Dibromoethane (EDB)	ND		0.0490	0.0576		mg/kg dry	☼	118	18 - 156
1,2-Dichlorobenzene	ND		0.0490	0.0536		mg/kg dry	☼	109	10 - 160
1,3-Dichlorobenzene	ND		0.0490	0.0543		mg/kg dry	☼	111	10 - 162
1,4-Dichlorobenzene	ND		0.0490	0.0530		mg/kg dry	☼	108	11 - 159
Dichlorodifluoromethane	ND		0.0490	0.0307		mg/kg dry	☼	63	10 - 143
1,2-Dichloroethane	ND		0.0490	0.0479		mg/kg dry	☼	98	28 - 138
1,1-Dichloroethane	ND		0.0490	0.0492		mg/kg dry	☼	100	42 - 136
1,1-Dichloroethene	ND		0.0490	0.0484		mg/kg dry	☼	99	41 - 143
trans-1,2-Dichloroethene	ND		0.0490	0.0469		mg/kg dry	☼	96	39 - 140
cis-1,2-Dichloroethene	ND		0.0490	0.0477		mg/kg dry	☼	97	36 - 139
1,2-Dichloropropane	ND		0.0490	0.0461		mg/kg dry	☼	94	20 - 146
trans-1,3-Dichloropropene	ND		0.0490	0.0525		mg/kg dry	☼	107	10 - 157
cis-1,3-Dichloropropene	ND		0.0490	0.0573		mg/kg dry	☼	117	15 - 166
Ethylbenzene	ND		0.0490	0.0555		mg/kg dry	☼	113	23 - 161
2-Hexanone	ND		0.245	0.256		mg/kg dry	☼	105	10 - 169
Isopropylbenzene	ND		0.0490	0.0606		mg/kg dry	☼	124	23 - 181
Methyl Acetate	ND		0.0490	0.0360	B	mg/kg dry	☼	74	10 - 200
Methylcyclohexane	ND		0.0490	0.0512		mg/kg dry	☼	105	29 - 167
Methyl tert-Butyl Ether	ND		0.0490	0.0505		mg/kg dry	☼	103	28 - 141

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1754-MS1

Matrix: Soil

Analysis Batch: V006310

Client Sample ID: TP-10-SO-040912-06

Prep Type: Total

Prep Batch: 12D1754_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Methylene Chloride	ND		0.0490	0.0449		mg/kg dry	☼	92	24 - 182
4-Methyl-2-pentanone	ND		0.245	0.269		mg/kg dry	☼	110	10 - 168
n-Propylbenzene	ND		0.0490	0.0584		mg/kg dry	☼	119	19 - 162
Styrene	ND		0.0490	0.0552		mg/kg dry	☼	113	10 - 165
1,1,2,2-Tetrachloroethane	ND		0.0490	0.0630		mg/kg dry	☼	129	10 - 162
Tetrachloroethene	ND		0.0490	0.0559		mg/kg dry	☼	114	33 - 161
Tetrahydrofuran	ND		0.490	0.451		mg/kg dry	☼	92	23 - 149
Toluene	ND		0.0490	0.0575		mg/kg dry	☼	117	30 - 155
1,2,4-Trichlorobenzene	ND		0.0490	0.0450		mg/kg dry	☼	92	10 - 167
1,1,1-Trichloroethane	ND		0.0490	0.0495		mg/kg dry	☼	101	35 - 149
1,1,2-Trichloroethane	ND		0.0490	0.0572		mg/kg dry	☼	117	19 - 157
Trichloroethene	ND		0.0490	0.0481		mg/kg dry	☼	98	27 - 153
Trichlorofluoromethane	ND		0.0490	0.0443		mg/kg dry	☼	91	25 - 137
Vinyl chloride	ND		0.0490	0.0407		mg/kg dry	☼	83	20 - 141
Xylenes, total	ND		0.147	0.164		mg/kg dry	☼	112	25 - 162
1,1,2-Trifluorotrichloroethane	ND		0.0490	0.0549		mg/kg dry	☼	112	42 - 147

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	98		70 - 130
Dibromofluoromethane	97		70 - 130
Toluene-d8	104		70 - 130
4-Bromofluorobenzene	98		70 - 130

Lab Sample ID: 12D1754-MSD1

Matrix: Soil

Analysis Batch: V006310

Client Sample ID: TP-10-SO-040912-06

Prep Type: Total

Prep Batch: 12D1754_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Acetone	ND		0.237	0.206		mg/kg dry	☼	87	19 - 175	17	50
Benzene	ND		0.0475	0.0452		mg/kg dry	☼	95	31 - 143	8	50
Bromochloromethane	ND		0.0475	0.0467		mg/kg dry	☼	98	31 - 141	9	50
Bromodichloromethane	ND		0.0475	0.0434		mg/kg dry	☼	91	19 - 148	11	50
Bromoform	ND		0.0475	0.0520		mg/kg dry	☼	110	10 - 165	9	50
Bromomethane	ND		0.0475	0.0427		mg/kg dry	☼	90	10 - 164	5	50
2-Butanone	ND		0.237	0.213		mg/kg dry	☼	90	18 - 153	12	50
Carbon disulfide	ND		0.0475	0.0413		mg/kg dry	☼	87	32 - 144	11	50
Carbon Tetrachloride	ND		0.0475	0.0457		mg/kg dry	☼	96	31 - 149	7	50
Chlorobenzene	ND		0.0475	0.0491		mg/kg dry	☼	103	25 - 152	11	50
Chlorodibromomethane	ND		0.0475	0.0524		mg/kg dry	☼	110	14 - 146	13	50
Chloroethane	ND		0.0475	0.0408		mg/kg dry	☼	86	10 - 151	6	50
Chloroform	ND		0.0475	0.0465	B	mg/kg dry	☼	98	34 - 160	6	49
Chloromethane	ND		0.0475	0.0274		mg/kg dry	☼	58	10 - 156	10	50
Cyclohexane	ND		0.0475	0.0453		mg/kg dry	☼	95	32 - 158	7	50
1,2-Dibromo-3-chloropropane	ND		0.0475	0.0452		mg/kg dry	☼	95	10 - 147	12	50
1,2-Dibromoethane (EDB)	ND		0.0475	0.0510		mg/kg dry	☼	107	18 - 156	12	50
1,2-Dichlorobenzene	ND		0.0475	0.0478		mg/kg dry	☼	101	10 - 160	11	50
1,3-Dichlorobenzene	ND		0.0475	0.0488		mg/kg dry	☼	103	10 - 162	11	50
1,4-Dichlorobenzene	ND		0.0475	0.0488		mg/kg dry	☼	103	11 - 159	8	50
Dichlorodifluoromethane	ND		0.0475	0.0286		mg/kg dry	☼	60	10 - 143	7	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D1754-MSD1

Matrix: Soil

Analysis Batch: V006310

Client Sample ID: TP-10-SO-040912-06

Prep Type: Total

Prep Batch: 12D1754_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,2-Dichloroethane	ND		0.0475	0.0434		mg/kg dry	✱	91	28 - 138	10	50
1,1-Dichloroethane	ND		0.0475	0.0454		mg/kg dry	✱	96	42 - 136	8	50
1,1-Dichloroethene	ND		0.0475	0.0445		mg/kg dry	✱	94	41 - 143	8	50
trans-1,2-Dichloroethene	ND		0.0475	0.0430		mg/kg dry	✱	91	39 - 140	9	50
cis-1,2-Dichloroethene	ND		0.0475	0.0440		mg/kg dry	✱	93	36 - 139	8	50
1,2-Dichloropropane	ND		0.0475	0.0419		mg/kg dry	✱	88	20 - 146	9	50
trans-1,3-Dichloropropene	ND		0.0475	0.0462		mg/kg dry	✱	97	10 - 157	13	50
cis-1,3-Dichloropropene	ND		0.0475	0.0524		mg/kg dry	✱	110	15 - 166	9	50
Ethylbenzene	ND		0.0475	0.0508		mg/kg dry	✱	107	23 - 161	9	50
2-Hexanone	ND		0.237	0.226		mg/kg dry	✱	95	10 - 169	13	50
Isopropylbenzene	ND		0.0475	0.0554		mg/kg dry	✱	117	23 - 181	9	50
Methyl Acetate	ND		0.0475	0.0324	B	mg/kg dry	✱	68	10 - 200	10	50
Methylcyclohexane	ND		0.0475	0.0494		mg/kg dry	✱	104	29 - 167	4	50
Methyl tert-Butyl Ether	ND		0.0475	0.0453		mg/kg dry	✱	95	28 - 141	11	50
Methylene Chloride	ND		0.0475	0.0401		mg/kg dry	✱	85	24 - 182	11	50
4-Methyl-2-pentanone	ND		0.237	0.233		mg/kg dry	✱	98	10 - 168	15	50
n-Propylbenzene	ND		0.0475	0.0531		mg/kg dry	✱	112	19 - 162	9	50
Styrene	ND		0.0475	0.0506		mg/kg dry	✱	107	10 - 165	9	50
1,1,2,2-Tetrachloroethane	ND		0.0475	0.0544		mg/kg dry	✱	115	10 - 162	15	50
Tetrachloroethene	ND		0.0475	0.0509		mg/kg dry	✱	107	33 - 161	9	50
Tetrahydrofuran	ND		0.475	0.402		mg/kg dry	✱	85	23 - 149	11	50
Toluene	ND		0.0475	0.0516		mg/kg dry	✱	109	30 - 155	11	50
1,2,4-Trichlorobenzene	ND		0.0475	0.0411		mg/kg dry	✱	87	10 - 167	9	50
1,1,1-Trichloroethane	ND		0.0475	0.0461		mg/kg dry	✱	97	35 - 149	7	50
1,1,2-Trichloroethane	ND		0.0475	0.0514		mg/kg dry	✱	108	19 - 157	11	50
Trichloroethene	ND		0.0475	0.0443		mg/kg dry	✱	93	27 - 153	8	50
Trichlorofluoromethane	ND		0.0475	0.0429		mg/kg dry	✱	90	25 - 137	3	50
Vinyl chloride	ND		0.0475	0.0377		mg/kg dry	✱	79	20 - 141	8	50
Xylenes, total	ND		0.142	0.148		mg/kg dry	✱	104	25 - 162	10	50
1,1,2-Trifluorotrichloroethane	ND		0.0475	0.0506		mg/kg dry	✱	107	42 - 147	8	50

Matrix Spike Dup Matrix Spike Dup

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4	101		70 - 130
Dibromofluoromethane	101		70 - 130
Toluene-d8	106		70 - 130
4-Bromofluorobenzene	96		70 - 130

Lab Sample ID: 12D3405-BLK1

Matrix: Soil

Analysis Batch: V006343

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D3405_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0500	0.0250	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Benzene	ND		0.00200	0.00110	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Bromochloromethane	ND		0.00200	0.00120	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Bromodichloromethane	ND		0.00200	0.00100	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Bromoform	ND		0.00200	0.00100	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Bromomethane	ND		0.00200	0.00120	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
2-Butanone	ND		0.0500	0.0250	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D3405-BLK1

Matrix: Soil

Analysis Batch: V006343

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D3405_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		0.00500	0.00360	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Carbon Tetrachloride	ND		0.00200	0.00100	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Chlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Chlorodibromomethane	ND		0.00200	0.00100	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Chloroethane	ND		0.00500	0.00250	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Chloroform	ND		0.00200	0.00130	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Chloromethane	ND		0.00200	0.00110	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Cyclohexane	ND		0.0100	0.00500	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
1,2-Dibromo-3-chloropropane	ND		0.00500	0.00250	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
1,2-Dibromoethane (EDB)	ND		0.00200	0.00100	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
1,2-Dichlorobenzene	ND		0.00200	0.00100	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
1,3-Dichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
1,4-Dichlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Dichlorodifluoromethane	ND		0.00200	0.00140	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
1,2-Dichloroethane	ND		0.00200	0.00110	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
1,1-Dichloroethane	ND		0.00200	0.00130	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
1,1-Dichloroethene	ND		0.00200	0.00120	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
trans-1,2-Dichloroethene	ND		0.00200	0.00130	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
cis-1,2-Dichloroethene	ND		0.00200	0.00110	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
1,2-Dichloropropane	ND		0.00200	0.00100	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
trans-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
cis-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Ethylbenzene	ND		0.00200	0.00110	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
2-Hexanone	ND		0.0500	0.0250	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Isopropylbenzene	ND		0.00200	0.00110	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Methyl Acetate	ND		0.0100	0.00500	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Methylcyclohexane	ND		0.0100	0.00500	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Methyl tert-Butyl Ether	ND		0.00200	0.00100	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Methylene Chloride	ND		0.0100	0.00500	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
4-Methyl-2-pentanone	ND		0.0500	0.0250	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
n-Propylbenzene	ND		0.00200	0.00110	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Styrene	ND		0.00200	0.00110	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
1,1,2,2-Tetrachloroethane	ND		0.00200	0.00100	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Tetrachloroethene	ND		0.00200	0.00130	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Tetrahydrofuran	ND		0.0200	0.0100	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Toluene	ND		0.00200	0.00110	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
1,2,4-Trichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
1,1,1-Trichloroethane	ND		0.00200	0.00100	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
1,1,2-Trichloroethane	ND		0.00500	0.00250	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Trichloroethene	ND		0.00200	0.00100	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Trichlorofluoromethane	ND		0.00200	0.00100	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Vinyl chloride	ND		0.00200	0.00100	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
Xylenes, total	ND		0.00500	0.00250	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00200	0.00110	mg/kg wet		04/16/12 23:05	04/17/12 02:09	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	97		70 - 130	04/16/12 23:05	04/17/12 02:09	1.00
Dibromofluoromethane	95		70 - 130	04/16/12 23:05	04/17/12 02:09	1.00
Toluene-d8	104		70 - 130	04/16/12 23:05	04/17/12 02:09	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D3405-BLK1

Matrix: Soil

Analysis Batch: V006343

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D3405_P

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		70 - 130	04/16/12 23:05	04/17/12 02:09	1.00

Lab Sample ID: 12D3405-BLK2

Matrix: Soil

Analysis Batch: V006343

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D3405_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2.50	1.25	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Benzene	ND		0.100	0.0550	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Bromochloromethane	ND		0.100	0.0600	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Bromodichloromethane	ND		0.100	0.0500	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Bromoform	ND		0.100	0.0500	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Bromomethane	ND		0.100	0.0600	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
2-Butanone	ND		2.50	1.25	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Carbon disulfide	ND		0.250	0.180	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Carbon Tetrachloride	ND		0.100	0.0500	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Chlorobenzene	ND		0.100	0.0550	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Chlorodibromomethane	ND		0.100	0.0500	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Chloroethane	ND		0.250	0.125	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Chloroform	0.144		0.100	0.0650	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Chloromethane	ND		0.100	0.0550	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Cyclohexane	ND		0.500	0.250	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
1,2-Dibromo-3-chloropropane	ND		0.250	0.125	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
1,2-Dibromoethane (EDB)	ND		0.100	0.0500	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
1,2-Dichlorobenzene	ND		0.100	0.0500	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
1,3-Dichlorobenzene	ND		0.100	0.0600	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
1,4-Dichlorobenzene	ND		0.100	0.0550	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Dichlorodifluoromethane	ND		0.100	0.0700	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
1,2-Dichloroethane	ND		0.100	0.0550	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
1,1-Dichloroethane	ND		0.100	0.0650	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
1,1-Dichloroethene	ND		0.100	0.0600	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
trans-1,2-Dichloroethene	ND		0.100	0.0650	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
cis-1,2-Dichloroethene	ND		0.100	0.0550	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
1,2-Dichloropropane	ND		0.100	0.0500	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
trans-1,3-Dichloropropene	ND		0.100	0.0500	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
cis-1,3-Dichloropropene	ND		0.100	0.0500	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Ethylbenzene	ND		0.100	0.0550	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
2-Hexanone	ND		2.50	1.25	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Isopropylbenzene	ND		0.100	0.0550	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Methyl Acetate	0.579		0.500	0.250	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Methylcyclohexane	ND		0.500	0.250	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Methyl tert-Butyl Ether	ND		0.100	0.0500	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Methylene Chloride	ND		0.500	0.250	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
4-Methyl-2-pentanone	ND		2.50	1.25	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
n-Propylbenzene	ND		0.100	0.0550	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Styrene	ND		0.100	0.0550	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
1,1,2,2-Tetrachloroethane	ND		0.100	0.0500	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Tetrachloroethene	ND		0.100	0.0650	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Tetrahydrofuran	ND		1.00	0.500	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D3405-BLK2

Matrix: Soil

Analysis Batch: V006343

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D3405_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.100	0.0550	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
1,2,4-Trichlorobenzene	ND		0.100	0.0600	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
1,1,1-Trichloroethane	ND		0.100	0.0500	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
1,1,2-Trichloroethane	ND		0.250	0.125	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Trichloroethene	ND		0.100	0.0500	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Trichlorofluoromethane	ND		0.100	0.0500	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Vinyl chloride	ND		0.100	0.0500	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Xylenes, total	ND		0.250	0.125	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
1,1,2-Trifluorotrichloroethane	ND		0.100	0.0550	mg/kg wet		04/16/12 23:05	04/17/12 02:37	50.0
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	96		70 - 130				04/16/12 23:05	04/17/12 02:37	50.0
Dibromofluoromethane	98		70 - 130				04/16/12 23:05	04/17/12 02:37	50.0
Toluene-d8	104		70 - 130				04/16/12 23:05	04/17/12 02:37	50.0
4-Bromofluorobenzene	99		70 - 130				04/16/12 23:05	04/17/12 02:37	50.0

Lab Sample ID: 12D3405-BS1

Matrix: Soil

Analysis Batch: V006343

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D3405_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	229		ug/kg		91	51 - 149
Benzene	50.0	51.2		ug/kg		102	75 - 127
Bromochloromethane	50.0	52.5		ug/kg		105	70 - 132
Bromodichloromethane	50.0	49.1		ug/kg		98	68 - 135
Bromoform	50.0	58.8		ug/kg		118	36 - 150
Bromomethane	50.0	50.9		ug/kg		102	43 - 142
2-Butanone	250	236		ug/kg		95	61 - 132
Carbon disulfide	50.0	47.0		ug/kg		94	74 - 135
Carbon Tetrachloride	50.0	52.2		ug/kg		104	70 - 141
Chlorobenzene	50.0	56.9		ug/kg		114	84 - 125
Chlorodibromomethane	50.0	61.7		ug/kg		123	66 - 134
Chloroethane	50.0	46.9		ug/kg		94	53 - 144
Chloroform	50.0	52.0	B	ug/kg		104	76 - 130
Chloromethane	50.0	33.1		ug/kg		66	23 - 150
Cyclohexane	50.0	49.3		ug/kg		99	70 - 133
1,2-Dibromo-3-chloropropane	50.0	54.6		ug/kg		109	49 - 142
1,2-Dibromoethane (EDB)	50.0	57.7		ug/kg		115	80 - 135
1,2-Dichlorobenzene	50.0	54.9		ug/kg		110	80 - 134
1,3-Dichlorobenzene	50.0	53.7		ug/kg		107	79 - 137
1,4-Dichlorobenzene	50.0	52.6		ug/kg		105	77 - 139
Dichlorodifluoromethane	50.0	32.7		ug/kg		65	12 - 144
1,2-Dichloroethane	50.0	49.0		ug/kg		98	65 - 134
1,1-Dichloroethane	50.0	51.1		ug/kg		102	75 - 124
1,1-Dichloroethene	50.0	49.9		ug/kg		100	75 - 131
trans-1,2-Dichloroethene	50.0	48.2		ug/kg		96	76 - 128
cis-1,2-Dichloroethene	50.0	49.6		ug/kg		99	75 - 125
1,2-Dichloropropane	50.0	47.2		ug/kg		94	69 - 120
trans-1,3-Dichloropropene	50.0	54.5		ug/kg		109	62 - 139

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D3405-BS1

Matrix: Soil

Analysis Batch: V006343

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D3405_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,3-Dichloropropene	50.0	58.8		ug/kg		118	73 - 148
Ethylbenzene	50.0	57.1		ug/kg		114	80 - 134
2-Hexanone	250	273		ug/kg		109	57 - 148
Isopropylbenzene	50.0	63.0		ug/kg		126	80 - 150
Methyl Acetate	50.0	16.8	B	ug/kg		34	11 - 170
Methylcyclohexane	50.0	49.9		ug/kg		100	69 - 140
Methyl tert-Butyl Ether	50.0	49.2		ug/kg		98	70 - 136
Methylene Chloride	50.0	47.6		ug/kg		95	68 - 144
4-Methyl-2-pentanone	250	271		ug/kg		108	59 - 138
n-Propylbenzene	50.0	58.1		ug/kg		116	75 - 137
Styrene	50.0	58.0		ug/kg		116	82 - 137
1,1,2,2-Tetrachloroethane	50.0	62.6		ug/kg		125	66 - 134
Tetrachloroethene	50.0	55.0		ug/kg		110	78 - 140
Tetrahydrofuran	500	455		ug/kg		91	53 - 134
Toluene	50.0	57.0		ug/kg		114	80 - 132
1,2,4-Trichlorobenzene	50.0	42.9		ug/kg		86	62 - 150
1,1,1-Trichloroethane	50.0	52.3		ug/kg		105	72 - 140
1,1,2-Trichloroethane	50.0	58.5		ug/kg		117	78 - 128
Trichloroethene	50.0	49.9		ug/kg		100	77 - 127
Trichlorofluoromethane	50.0	48.1		ug/kg		96	50 - 140
Vinyl chloride	50.0	43.4		ug/kg		87	47 - 136
Xylenes, total	150	167		ug/kg		111	80 - 137
1,1,2-Trifluorotrichloroethane	50.0	52.8		ug/kg		106	67 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	98		70 - 130
Dibromofluoromethane	98		70 - 130
Toluene-d8	106		70 - 130
4-Bromofluorobenzene	95		70 - 130

Lab Sample ID: 12D3405-BSD1

Matrix: Soil

Analysis Batch: V006343

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D3405_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Acetone	250	216		ug/kg		87	51 - 149	5	50
Benzene	50.0	49.3		ug/kg		99	75 - 127	4	50
Bromochloromethane	50.0	50.0		ug/kg		100	70 - 132	5	50
Bromodichloromethane	50.0	47.7		ug/kg		95	68 - 135	3	50
Bromoform	50.0	55.8		ug/kg		112	36 - 150	5	50
Bromomethane	50.0	48.5		ug/kg		97	43 - 142	5	50
2-Butanone	250	220		ug/kg		88	61 - 132	7	50
Carbon disulfide	50.0	45.5		ug/kg		91	74 - 135	3	50
Carbon Tetrachloride	50.0	49.3		ug/kg		99	70 - 141	6	50
Chlorobenzene	50.0	53.2		ug/kg		106	84 - 125	7	50
Chlorodibromomethane	50.0	58.1		ug/kg		116	66 - 134	6	50
Chloroethane	50.0	44.1		ug/kg		88	53 - 144	6	50
Chloroform	50.0	49.6	B	ug/kg		99	76 - 130	5	49
Chloromethane	50.0	31.8		ug/kg		64	23 - 150	4	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D3405-BSD1

Matrix: Soil

Analysis Batch: V006343

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D3405_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyclohexane	50.0	46.4		ug/kg		93	70 - 133	6	50
1,2-Dibromo-3-chloropropane	50.0	51.5		ug/kg		103	49 - 142	6	50
1,2-Dibromoethane (EDB)	50.0	54.6		ug/kg		109	80 - 135	6	50
1,2-Dichlorobenzene	50.0	50.7		ug/kg		101	80 - 134	8	50
1,3-Dichlorobenzene	50.0	50.2		ug/kg		100	79 - 137	7	50
1,4-Dichlorobenzene	50.0	49.1		ug/kg		98	77 - 139	7	50
Dichlorodifluoromethane	50.0	30.8		ug/kg		62	12 - 144	6	50
1,2-Dichloroethane	50.0	46.4		ug/kg		93	65 - 134	6	50
1,1-Dichloroethane	50.0	48.7		ug/kg		97	75 - 124	5	50
1,1-Dichloroethene	50.0	46.7		ug/kg		93	75 - 131	7	50
trans-1,2-Dichloroethene	50.0	46.2		ug/kg		92	76 - 128	4	50
cis-1,2-Dichloroethene	50.0	47.6		ug/kg		95	75 - 125	4	50
1,2-Dichloropropane	50.0	43.6		ug/kg		87	69 - 120	8	50
trans-1,3-Dichloropropene	50.0	51.6		ug/kg		103	62 - 139	6	50
cis-1,3-Dichloropropene	50.0	54.3		ug/kg		109	73 - 148	8	50
Ethylbenzene	50.0	53.9		ug/kg		108	80 - 134	6	50
2-Hexanone	250	257		ug/kg		103	57 - 148	6	50
Isopropylbenzene	50.0	58.4		ug/kg		117	80 - 150	8	50
Methyl Acetate	50.0	18.6	B	ug/kg		37	11 - 170	10	50
Methylcyclohexane	50.0	46.1		ug/kg		92	69 - 140	8	50
Methyl tert-Butyl Ether	50.0	47.0		ug/kg		94	70 - 136	5	50
Methylene Chloride	50.0	46.3		ug/kg		93	68 - 144	3	50
4-Methyl-2-pentanone	250	259		ug/kg		103	59 - 138	5	50
n-Propylbenzene	50.0	53.5		ug/kg		107	75 - 137	8	50
Styrene	50.0	55.3		ug/kg		111	82 - 137	5	50
1,1,1,2-Tetrachloroethane	50.0	58.5		ug/kg		117	66 - 134	7	50
Tetrachloroethene	50.0	50.9		ug/kg		102	78 - 140	8	50
Tetrahydrofuran	500	421		ug/kg		84	53 - 134	8	50
Toluene	50.0	54.7		ug/kg		109	80 - 132	4	50
1,2,4-Trichlorobenzene	50.0	39.7		ug/kg		79	62 - 150	8	50
1,1,1-Trichloroethane	50.0	50.0		ug/kg		100	72 - 140	5	50
1,1,2-Trichloroethane	50.0	55.4		ug/kg		111	78 - 128	5	50
Trichloroethene	50.0	46.3		ug/kg		93	77 - 127	8	50
Trichlorofluoromethane	50.0	44.0		ug/kg		88	50 - 140	9	50
Vinyl chloride	50.0	42.6		ug/kg		85	47 - 136	2	50
Xylenes, total	150	157		ug/kg		105	80 - 137	6	50
1,1,2-Trifluorotrichloroethane	50.0	50.2		ug/kg		100	67 - 136	5	50

Surrogate	LCS Dup		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	99		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8	107		70 - 130
4-Bromofluorobenzene	97		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D3405-MS1

Matrix: Soil

Analysis Batch: V006343

Client Sample ID: TP-10-SS-040912-00

Prep Type: Total

Prep Batch: 12D3405_P

Analyte	Sample	Sample	Spike	Matrix Spike	Matrix Spike	Unit	D	%Rec	Limits	%Rec.
	Result	Qualifier	Added	Result	Qualifier					
Acetone	ND		12.6	17.4		mg/kg dry	✱	138	19 - 175	
Benzene	ND		2.51	2.22		mg/kg dry	✱	88	31 - 143	
Bromochloromethane	ND		2.51	2.39		mg/kg dry	✱	95	31 - 141	
Bromodichloromethane	0.192		2.51	2.27		mg/kg dry	✱	83	19 - 148	
Bromoform	ND		2.51	2.46		mg/kg dry	✱	98	10 - 165	
Bromomethane	ND		2.51	2.16		mg/kg dry	✱	86	10 - 164	
2-Butanone	ND		12.6	13.0		mg/kg dry	✱	104	18 - 153	
Carbon disulfide	ND		2.51	2.12		mg/kg dry	✱	84	32 - 144	
Carbon Tetrachloride	ND		2.51	2.21		mg/kg dry	✱	88	31 - 149	
Chlorobenzene	ND		2.51	1.97		mg/kg dry	✱	78	25 - 152	
Chlorodibromomethane	ND		2.51	2.62		mg/kg dry	✱	104	14 - 146	
Chloroethane	ND		2.51	2.38		mg/kg dry	✱	95	10 - 151	
Chloroform	0.110		2.51	2.48	B	mg/kg dry	✱	94	34 - 160	
Chloromethane	ND		2.51	1.57		mg/kg dry	✱	62	10 - 156	
Cyclohexane	ND		2.51	2.32		mg/kg dry	✱	92	32 - 158	
1,2-Dibromo-3-chloropropane	ND		2.51	2.50		mg/kg dry	✱	99	10 - 147	
1,2-Dibromoethane (EDB)	ND		2.51	2.62		mg/kg dry	✱	104	18 - 156	
1,2-Dichlorobenzene	ND		2.51	1.77		mg/kg dry	✱	71	10 - 160	
1,3-Dichlorobenzene	ND		2.51	1.57		mg/kg dry	✱	62	10 - 162	
1,4-Dichlorobenzene	ND		2.51	1.55		mg/kg dry	✱	62	11 - 159	
Dichlorodifluoromethane	ND		2.51	0.667		mg/kg dry	✱	27	10 - 143	
1,2-Dichloroethane	0.127		2.51	2.37		mg/kg dry	✱	89	28 - 138	
1,1-Dichloroethane	ND		2.51	2.41		mg/kg dry	✱	96	42 - 136	
1,1-Dichloroethene	ND		2.51	2.80		mg/kg dry	✱	111	41 - 143	
trans-1,2-Dichloroethene	ND		2.51	2.20		mg/kg dry	✱	88	39 - 140	
cis-1,2-Dichloroethene	0.0558		2.51	2.32		mg/kg dry	✱	90	36 - 139	
1,2-Dichloropropane	ND		2.51	2.07		mg/kg dry	✱	82	20 - 146	
trans-1,3-Dichloropropene	ND		2.51	2.19		mg/kg dry	✱	87	10 - 157	
cis-1,3-Dichloropropene	ND		2.51	2.37		mg/kg dry	✱	94	15 - 166	
Ethylbenzene	0.480		2.51	2.01		mg/kg dry	✱	61	23 - 161	
2-Hexanone	ND		12.6	12.9		mg/kg dry	✱	103	10 - 169	
Isopropylbenzene	2.17		2.51	2.73	M8	mg/kg dry	✱	22	23 - 181	
Methyl Acetate	0.509		2.51	3.30	B	mg/kg dry	✱	111	10 - 200	
Methylcyclohexane	1.82		2.51	3.80		mg/kg dry	✱	79	29 - 167	
Methyl tert-Butyl Ether	ND		2.51	2.59		mg/kg dry	✱	103	28 - 141	
Methylene Chloride	ND		2.51	2.44		mg/kg dry	✱	97	24 - 182	
4-Methyl-2-pentanone	ND		12.6	12.7		mg/kg dry	✱	101	10 - 168	
n-Propylbenzene	13.4		2.51	7.10	MHA	mg/kg dry	✱	-251	19 - 162	
Styrene	ND		2.51	1.84		mg/kg dry	✱	73	10 - 165	
1,1,2,2-Tetrachloroethane	0.551		2.51	3.02		mg/kg dry	✱	98	10 - 162	
Tetrachloroethene	ND		2.51	1.83		mg/kg dry	✱	73	33 - 161	
Tetrahydrofuran	ND		25.1	25.9		mg/kg dry	✱	103	23 - 149	
Toluene	0.687		2.51	2.54		mg/kg dry	✱	74	30 - 155	
1,2,4-Trichlorobenzene	ND		2.51	1.63		mg/kg dry	✱	65	10 - 167	
1,1,1-Trichloroethane	ND		2.51	2.31		mg/kg dry	✱	92	35 - 149	
1,1,2-Trichloroethane	0.151		2.51	2.67		mg/kg dry	✱	100	19 - 157	
Trichloroethene	ND		2.51	1.95		mg/kg dry	✱	77	27 - 153	
Trichlorofluoromethane	ND		2.51	2.85		mg/kg dry	✱	113	25 - 137	
Vinyl chloride	ND		2.51	2.14		mg/kg dry	✱	85	20 - 141	

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D3405-MS1

Matrix: Soil

Analysis Batch: V006343

Client Sample ID: TP-10-SS-040912-00

Prep Type: Total

Prep Batch: 12D3405_P

	Sample	Sample	Spike	Matrix Spike	Matrix Spike				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Xylenes, total	0.555		7.54	5.37		mg/kg dry	☼	64	25 - 162		
1,1,2-Trifluorotrichloroethane	ND		2.51	3.24		mg/kg dry	☼	129	42 - 147		
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Lab Sample ID: 12D3405-MSD1

Matrix: Soil

Analysis Batch: V006343

Client Sample ID: TP-10-SS-040912-00

Prep Type: Total

Prep Batch: 12D3405_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		12.6	21.1		mg/kg dry	☼	168	19 - 175	19	50
Benzene	ND		2.51	2.01		mg/kg dry	☼	80	31 - 143	10	50
Bromochloromethane	ND		2.51	2.38		mg/kg dry	☼	95	31 - 141	0.5	50
Bromodichloromethane	0.192		2.51	2.07		mg/kg dry	☼	75	19 - 148	9	50
Bromoform	ND		2.51	2.16		mg/kg dry	☼	86	10 - 165	13	50
Bromomethane	ND		2.51	2.30		mg/kg dry	☼	92	10 - 164	6	50
2-Butanone	ND		12.6	15.7		mg/kg dry	☼	125	18 - 153	18	50
Carbon disulfide	ND		2.51	2.04		mg/kg dry	☼	81	32 - 144	3	50
Carbon Tetrachloride	ND		2.51	2.11		mg/kg dry	☼	84	31 - 149	5	50
Chlorobenzene	ND		2.51	1.31		mg/kg dry	☼	52	25 - 152	40	50
Chlorodibromomethane	ND		2.51	2.29		mg/kg dry	☼	91	14 - 146	13	50
Chloroethane	ND		2.51	1.29	R	mg/kg dry	☼	51	10 - 151	60	50
Chloroform	0.110		2.51	2.41	B	mg/kg dry	☼	91	34 - 160	3	49
Chloromethane	ND		2.51	1.54		mg/kg dry	☼	61	10 - 156	2	50
Cyclohexane	ND		2.51	2.22		mg/kg dry	☼	88	32 - 158	5	50
1,2-Dibromo-3-chloropropane	ND		2.51	2.60		mg/kg dry	☼	103	10 - 147	4	50
1,2-Dibromoethane (EDB)	ND		2.51	2.35		mg/kg dry	☼	93	18 - 156	11	50
1,2-Dichlorobenzene	ND		2.51	0.965	R2	mg/kg dry	☼	38	10 - 160	59	50
1,3-Dichlorobenzene	ND		2.51	0.768	R2	mg/kg dry	☼	31	10 - 162	69	50
1,4-Dichlorobenzene	ND		2.51	0.734	R2	mg/kg dry	☼	29	11 - 159	72	50
Dichlorodifluoromethane	ND		2.51	0.717		mg/kg dry	☼	29	10 - 143	7	50
1,2-Dichloroethane	0.127		2.51	2.32		mg/kg dry	☼	87	28 - 138	2	50
1,1-Dichloroethane	ND		2.51	2.40		mg/kg dry	☼	96	42 - 136	0.3	50
1,1-Dichloroethene	ND		2.51	2.44		mg/kg dry	☼	97	41 - 143	14	50
trans-1,2-Dichloroethene	ND		2.51	2.11		mg/kg dry	☼	84	39 - 140	4	50
cis-1,2-Dichloroethene	0.0558		2.51	2.23		mg/kg dry	☼	87	36 - 139	4	50
1,2-Dichloropropane	ND		2.51	1.93		mg/kg dry	☼	77	20 - 146	7	50
trans-1,3-Dichloropropene	ND		2.51	1.86		mg/kg dry	☼	74	10 - 157	16	50
cis-1,3-Dichloropropene	ND		2.51	2.05		mg/kg dry	☼	82	15 - 166	15	50
Ethylbenzene	0.480		2.51	1.23		mg/kg dry	☼	30	23 - 161	48	50
2-Hexanone	ND		12.6	15.1		mg/kg dry	☼	120	10 - 169	15	50
Isopropylbenzene	2.17		2.51	1.49	M8	mg/kg dry	☼	-27	23 - 181	59	50
Methyl Acetate	0.509		2.51	4.12	B	mg/kg dry	☼	143	10 - 200	22	50
Methylcyclohexane	1.82		2.51	3.23		mg/kg dry	☼	56	29 - 167	16	50
Methyl tert-Butyl Ether	ND		2.51	2.79		mg/kg dry	☼	111	28 - 141	7	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D3405-MSD1

Matrix: Soil

Analysis Batch: V006343

Client Sample ID: TP-10-SS-040912-00

Prep Type: Total

Prep Batch: 12D3405_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Methylene Chloride	ND		2.51	2.38		mg/kg dry	✱	95	24 - 182	2	50
4-Methyl-2-pentanone	ND		12.6	14.7		mg/kg dry	✱	117	10 - 168	15	50
n-Propylbenzene	13.4		2.51	3.31	MHA	mg/kg dry	✱	-402	19 - 162	73	50
Styrene	ND		2.51	1.10		mg/kg dry	✱	44	10 - 165	50	50
1,1,2,2-Tetrachloroethane	0.551		2.51	2.81		mg/kg dry	✱	90	10 - 162	7	50
Tetrachloroethene	ND		2.51	1.30		mg/kg dry	✱	52	33 - 161	34	50
Tetrahydrofuran	ND		25.1	31.1		mg/kg dry	✱	124	23 - 149	18	50
Toluene	0.687		2.51	1.94		mg/kg dry	✱	50	30 - 155	27	50
1,2,4-Trichlorobenzene	ND		2.51	0.998		mg/kg dry	✱	40	10 - 167	48	50
1,1,1-Trichloroethane	ND		2.51	2.21		mg/kg dry	✱	88	35 - 149	5	50
1,1,2-Trichloroethane	0.151		2.51	2.49		mg/kg dry	✱	93	19 - 157	7	50
Trichloroethene	ND		2.51	1.65		mg/kg dry	✱	66	27 - 153	17	50
Trichlorofluoromethane	ND		2.51	2.85		mg/kg dry	✱	113	25 - 137	0.1	50
Vinyl chloride	ND		2.51	2.17		mg/kg dry	✱	86	20 - 141	1	50
Xylenes, total	0.555		7.54	3.19	R	mg/kg dry	✱	35	25 - 162	51	50
1,1,2-Trifluorotrichloroethane	ND		2.51	2.80		mg/kg dry	✱	112	42 - 147	14	50

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits
1,2-Dichloroethane-d4	99		70 - 130
Dibromofluoromethane	100		70 - 130
Toluene-d8	104		70 - 130
4-Bromofluorobenzene	106		70 - 130

Lab Sample ID: 12D3811-BLK1

Matrix: Soil

Analysis Batch: V006757

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D3811_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		0.0500	0.0250	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Benzene	ND		0.00200	0.00110	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Bromochloromethane	ND		0.00200	0.00120	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Bromodichloromethane	ND		0.00200	0.00100	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Bromoform	ND		0.00200	0.00100	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Bromomethane	ND		0.00200	0.00120	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
2-Butanone	ND		0.0500	0.0250	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Carbon disulfide	ND		0.00500	0.00360	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Carbon Tetrachloride	ND		0.00200	0.00100	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Chlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Chlorodibromomethane	ND		0.00200	0.00100	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Chloroethane	ND		0.00500	0.00250	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Chloroform	ND		0.00200	0.00130	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Chloromethane	ND		0.00200	0.00110	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Cyclohexane	ND		0.0100	0.00500	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
1,2-Dibromo-3-chloropropane	ND		0.00500	0.00250	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
1,2-Dibromoethane (EDB)	ND		0.00200	0.00100	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
1,2-Dichlorobenzene	ND		0.00200	0.00100	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
1,3-Dichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
1,4-Dichlorobenzene	ND		0.00200	0.00110	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Dichlorodifluoromethane	ND		0.00200	0.00140	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D3811-BLK1

Matrix: Soil

Analysis Batch: V006757

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D3811_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.00200	0.00110	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
1,1-Dichloroethane	ND		0.00200	0.00130	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
1,1-Dichloroethene	ND		0.00200	0.00120	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
trans-1,2-Dichloroethene	ND		0.00200	0.00130	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
cis-1,2-Dichloroethene	ND		0.00200	0.00110	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
1,2-Dichloropropane	ND		0.00200	0.00100	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
trans-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
cis-1,3-Dichloropropene	ND		0.00200	0.00100	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Ethylbenzene	ND		0.00200	0.00110	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
2-Hexanone	ND		0.0500	0.0250	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Isopropylbenzene	ND		0.00200	0.00110	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Methyl Acetate	ND		0.0100	0.00500	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Methylcyclohexane	ND		0.0100	0.00500	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Methyl tert-Butyl Ether	ND		0.00200	0.00100	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Methylene Chloride	ND		0.0100	0.00500	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
4-Methyl-2-pentanone	ND		0.0500	0.0250	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
n-Propylbenzene	ND		0.00200	0.00110	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Styrene	ND		0.00200	0.00110	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
1,1,2,2-Tetrachloroethane	ND		0.00200	0.00100	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Tetrachloroethene	ND		0.00200	0.00130	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Tetrahydrofuran	ND		0.0200	0.0100	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Toluene	ND		0.00200	0.00110	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
1,2,4-Trichlorobenzene	ND		0.00200	0.00120	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
1,1,1-Trichloroethane	ND		0.00200	0.00100	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
1,1,2-Trichloroethane	ND		0.00500	0.00250	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Trichloroethene	ND		0.00200	0.00100	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Trichlorofluoromethane	ND		0.00200	0.00100	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Vinyl chloride	ND		0.00200	0.00100	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
Xylenes, total	ND		0.00500	0.00250	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00
1,1,2-Trifluorotrichloroethane	ND		0.00200	0.00110	mg/kg wet		04/23/12 10:13	04/23/12 12:33	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	104		70 - 130	04/23/12 10:13	04/23/12 12:33	1.00
Dibromofluoromethane	100		70 - 130	04/23/12 10:13	04/23/12 12:33	1.00
Toluene-d8	104		70 - 130	04/23/12 10:13	04/23/12 12:33	1.00
4-Bromofluorobenzene	103		70 - 130	04/23/12 10:13	04/23/12 12:33	1.00

Lab Sample ID: 12D3811-BLK2

Matrix: Soil

Analysis Batch: V006757

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D3811_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		2.50	1.25	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Benzene	ND		0.100	0.0550	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Bromochloromethane	ND		0.100	0.0600	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Bromodichloromethane	ND		0.100	0.0500	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Bromoform	ND		0.100	0.0500	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Bromomethane	ND		0.100	0.0600	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
2-Butanone	ND		2.50	1.25	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D3811-BLK2

Matrix: Soil

Analysis Batch: V006757

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D3811_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		0.250	0.180	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Carbon Tetrachloride	ND		0.100	0.0500	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Chlorobenzene	ND		0.100	0.0550	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Chlorodibromomethane	ND		0.100	0.0500	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Chloroethane	ND		0.250	0.125	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Chloroform	0.142		0.100	0.0650	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Chloromethane	ND		0.100	0.0550	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Cyclohexane	ND		0.500	0.250	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
1,2-Dibromo-3-chloropropane	ND		0.250	0.125	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
1,2-Dibromoethane (EDB)	ND		0.100	0.0500	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
1,2-Dichlorobenzene	ND		0.100	0.0500	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
1,3-Dichlorobenzene	ND		0.100	0.0600	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
1,4-Dichlorobenzene	ND		0.100	0.0550	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Dichlorodifluoromethane	ND		0.100	0.0700	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
1,2-Dichloroethane	ND		0.100	0.0550	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
1,1-Dichloroethane	ND		0.100	0.0650	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
1,1-Dichloroethene	ND		0.100	0.0600	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
trans-1,2-Dichloroethene	ND		0.100	0.0650	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
cis-1,2-Dichloroethene	ND		0.100	0.0550	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
1,2-Dichloropropane	ND		0.100	0.0500	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
trans-1,3-Dichloropropene	ND		0.100	0.0500	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
cis-1,3-Dichloropropene	ND		0.100	0.0500	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Ethylbenzene	ND		0.100	0.0550	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
2-Hexanone	ND		2.50	1.25	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Isopropylbenzene	ND		0.100	0.0550	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Methyl Acetate	0.529		0.500	0.250	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Methylcyclohexane	ND		0.500	0.250	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Methyl tert-Butyl Ether	ND		0.100	0.0500	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Methylene Chloride	ND		0.500	0.250	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
4-Methyl-2-pentanone	ND		2.50	1.25	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
n-Propylbenzene	ND		0.100	0.0550	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Styrene	ND		0.100	0.0550	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
1,1,2,2-Tetrachloroethane	ND		0.100	0.0500	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Tetrachloroethene	ND		0.100	0.0650	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Tetrahydrofuran	ND		1.00	0.500	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Toluene	ND		0.100	0.0550	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
1,2,4-Trichlorobenzene	ND		0.100	0.0600	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
1,1,1-Trichloroethane	ND		0.100	0.0500	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
1,1,2-Trichloroethane	ND		0.250	0.125	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Trichloroethene	ND		0.100	0.0500	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Trichlorofluoromethane	ND		0.100	0.0500	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Vinyl chloride	ND		0.100	0.0500	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
Xylenes, total	ND		0.250	0.125	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0
1,1,2-Trifluorotrichloroethane	ND		0.100	0.0550	mg/kg wet		04/23/12 10:13	04/23/12 13:01	50.0

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	98		70 - 130	04/23/12 10:13	04/23/12 13:01	50.0
Dibromofluoromethane	97		70 - 130	04/23/12 10:13	04/23/12 13:01	50.0
Toluene-d8	105		70 - 130	04/23/12 10:13	04/23/12 13:01	50.0

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D3811-BLK2

Matrix: Soil

Analysis Batch: V006757

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D3811_P

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		70 - 130	04/23/12 10:13	04/23/12 13:01	50.0

Lab Sample ID: 12D3811-BS1

Matrix: Soil

Analysis Batch: V006757

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D3811_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	227		ug/kg		91	51 - 149
Benzene	50.0	50.7		ug/kg		101	75 - 127
Bromochloromethane	50.0	50.9		ug/kg		102	70 - 132
Bromodichloromethane	50.0	50.8		ug/kg		102	68 - 135
Bromoform	50.0	57.1		ug/kg		114	36 - 150
Bromomethane	50.0	54.9		ug/kg		110	43 - 142
2-Butanone	250	237		ug/kg		95	61 - 132
Carbon disulfide	50.0	47.4		ug/kg		95	74 - 135
Carbon Tetrachloride	50.0	50.6		ug/kg		101	70 - 141
Chlorobenzene	50.0	57.0		ug/kg		114	84 - 125
Chlorodibromomethane	50.0	59.7		ug/kg		119	66 - 134
Chloroethane	50.0	48.0		ug/kg		96	53 - 144
Chloroform	50.0	53.2	B	ug/kg		106	76 - 130
Chloromethane	50.0	37.0		ug/kg		74	23 - 150
Cyclohexane	50.0	48.3		ug/kg		97	70 - 133
1,2-Dibromo-3-chloropropane	50.0	53.1		ug/kg		106	49 - 142
1,2-Dibromoethane (EDB)	50.0	57.1		ug/kg		114	80 - 135
1,2-Dichlorobenzene	50.0	58.7		ug/kg		117	80 - 134
1,3-Dichlorobenzene	50.0	59.0		ug/kg		118	79 - 137
1,4-Dichlorobenzene	50.0	59.4		ug/kg		119	77 - 139
Dichlorodifluoromethane	50.0	31.8		ug/kg		64	12 - 144
1,2-Dichloroethane	50.0	49.9		ug/kg		100	65 - 134
1,1-Dichloroethane	50.0	50.3		ug/kg		101	75 - 124
1,1-Dichloroethene	50.0	46.3		ug/kg		93	75 - 131
trans-1,2-Dichloroethene	50.0	48.4		ug/kg		97	76 - 128
cis-1,2-Dichloroethene	50.0	50.6		ug/kg		101	75 - 125
1,2-Dichloropropane	50.0	47.9		ug/kg		96	69 - 120
trans-1,3-Dichloropropene	50.0	56.3		ug/kg		113	62 - 139
cis-1,3-Dichloropropene	50.0	57.1		ug/kg		114	73 - 148
Ethylbenzene	50.0	56.8		ug/kg		114	80 - 134
2-Hexanone	250	275		ug/kg		110	57 - 148
Isopropylbenzene	50.0	62.0		ug/kg		124	80 - 150
Methyl Acetate	50.0	39.1	B	ug/kg		78	11 - 170
Methylcyclohexane	50.0	50.3		ug/kg		101	69 - 140
Methyl tert-Butyl Ether	50.0	49.8		ug/kg		100	70 - 136
Methylene Chloride	50.0	49.2		ug/kg		98	68 - 144
4-Methyl-2-pentanone	250	274		ug/kg		110	59 - 138
n-Propylbenzene	50.0	61.1		ug/kg		122	75 - 137
Styrene	50.0	59.3		ug/kg		119	82 - 137
1,1,1,2-Tetrachloroethane	50.0	62.7		ug/kg		125	66 - 134
Tetrachloroethene	50.0	54.8		ug/kg		110	78 - 140
Tetrahydrofuran	500	471		ug/kg		94	53 - 134

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D3811-BS1

Matrix: Soil

Analysis Batch: V006757

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D3811_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	50.0	55.5		ug/kg		111	80 - 132
1,2,4-Trichlorobenzene	50.0	56.1		ug/kg		112	62 - 150
1,1,1-Trichloroethane	50.0	50.6		ug/kg		101	72 - 140
1,1,2-Trichloroethane	50.0	59.0		ug/kg		118	78 - 128
Trichloroethene	50.0	48.5		ug/kg		97	77 - 127
Trichlorofluoromethane	50.0	43.9		ug/kg		88	50 - 140
Vinyl chloride	50.0	44.2		ug/kg		88	47 - 136
Xylenes, total	150	169		ug/kg		112	80 - 137
1,1,2-Trifluorotrichloroethane	50.0	51.2		ug/kg		102	67 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	101		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8	104		70 - 130
4-Bromofluorobenzene	100		70 - 130

Lab Sample ID: 12D3811-BSD1

Matrix: Soil

Analysis Batch: V006757

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D3811_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	250	208		ug/kg		83	51 - 149	9	50
Benzene	50.0	49.0		ug/kg		98	75 - 127	4	50
Bromochloromethane	50.0	47.5		ug/kg		95	70 - 132	7	50
Bromodichloromethane	50.0	49.2		ug/kg		98	68 - 135	3	50
Bromoform	50.0	53.0		ug/kg		106	36 - 150	7	50
Bromomethane	50.0	51.0		ug/kg		102	43 - 142	7	50
2-Butanone	250	222		ug/kg		89	61 - 132	7	50
Carbon disulfide	50.0	45.2		ug/kg		90	74 - 135	5	50
Carbon Tetrachloride	50.0	47.3		ug/kg		95	70 - 141	7	50
Chlorobenzene	50.0	54.7		ug/kg		109	84 - 125	4	50
Chlorodibromomethane	50.0	57.1		ug/kg		114	66 - 134	4	50
Chloroethane	50.0	45.6		ug/kg		91	53 - 144	5	50
Chloroform	50.0	49.8	B	ug/kg		100	76 - 130	7	49
Chloromethane	50.0	35.0		ug/kg		70	23 - 150	5	50
Cyclohexane	50.0	46.1		ug/kg		92	70 - 133	5	50
1,2-Dibromo-3-chloropropane	50.0	48.3		ug/kg		97	49 - 142	10	50
1,2-Dibromoethane (EDB)	50.0	53.8		ug/kg		108	80 - 135	6	50
1,2-Dichlorobenzene	50.0	54.8		ug/kg		110	80 - 134	7	50
1,3-Dichlorobenzene	50.0	54.6		ug/kg		109	79 - 137	8	50
1,4-Dichlorobenzene	50.0	54.9		ug/kg		110	77 - 139	8	50
Dichlorodifluoromethane	50.0	29.8		ug/kg		60	12 - 144	6	50
1,2-Dichloroethane	50.0	46.8		ug/kg		94	65 - 134	6	50
1,1-Dichloroethane	50.0	47.8		ug/kg		96	75 - 124	5	50
1,1-Dichloroethene	50.0	44.5		ug/kg		89	75 - 131	4	50
trans-1,2-Dichloroethene	50.0	46.3		ug/kg		93	76 - 128	4	50
cis-1,2-Dichloroethene	50.0	47.8		ug/kg		96	75 - 125	6	50
1,2-Dichloropropane	50.0	45.0		ug/kg		90	69 - 120	6	50
trans-1,3-Dichloropropene	50.0	56.2		ug/kg		112	62 - 139	0.04	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D3811-BSD1

Matrix: Soil

Analysis Batch: V006757

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D3811_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	50.0	56.3		ug/kg		113	73 - 148	1	50
Ethylbenzene	50.0	55.2		ug/kg		110	80 - 134	3	50
2-Hexanone	250	258		ug/kg		103	57 - 148	6	50
Isopropylbenzene	50.0	59.4		ug/kg		119	80 - 150	4	50
Methyl Acetate	50.0	34.7	B	ug/kg		69	11 - 170	12	50
Methylcyclohexane	50.0	47.6		ug/kg		95	69 - 140	6	50
Methyl tert-Butyl Ether	50.0	46.5		ug/kg		93	70 - 136	7	50
Methylene Chloride	50.0	45.8		ug/kg		92	68 - 144	7	50
4-Methyl-2-pentanone	250	259		ug/kg		104	59 - 138	6	50
n-Propylbenzene	50.0	57.2		ug/kg		114	75 - 137	7	50
Styrene	50.0	56.1		ug/kg		112	82 - 137	6	50
1,1,2,2-Tetrachloroethane	50.0	58.7		ug/kg		117	66 - 134	7	50
Tetrachloroethene	50.0	52.2		ug/kg		104	78 - 140	5	50
Tetrahydrofuran	500	429		ug/kg		86	53 - 134	9	50
Toluene	50.0	54.4		ug/kg		109	80 - 132	2	50
1,2,4-Trichlorobenzene	50.0	50.1		ug/kg		100	62 - 150	11	50
1,1,1-Trichloroethane	50.0	47.9		ug/kg		96	72 - 140	6	50
1,1,2-Trichloroethane	50.0	55.5		ug/kg		111	78 - 128	6	50
Trichloroethene	50.0	45.1		ug/kg		90	77 - 127	7	50
Trichlorofluoromethane	50.0	44.1		ug/kg		88	50 - 140	0.4	50
Vinyl chloride	50.0	42.4		ug/kg		85	47 - 136	4	50
Xylenes, total	150	164		ug/kg		109	80 - 137	3	50
1,1,2-Trifluorotrichloroethane	50.0	47.2		ug/kg		94	67 - 136	8	50

Surrogate	LCS Dup %Recovery	LCS Dup Qualifier	Limits
1,2-Dichloroethane-d4	100		70 - 130
Dibromofluoromethane	97		70 - 130
Toluene-d8	105		70 - 130
4-Bromofluorobenzene	101		70 - 130

Lab Sample ID: 12D3811-MS1

Matrix: Soil

Analysis Batch: V006757

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D3811_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	ND		1250	1880		mg/kg wet		150	19 - 175
Benzene	ND		250	259		mg/kg wet		103	31 - 143
Bromochloromethane	ND		250	267		mg/kg wet		107	31 - 141
Bromodichloromethane	ND		250	269		mg/kg wet		108	19 - 148
Bromoform	ND		250	301		mg/kg wet		120	10 - 165
Bromomethane	ND		250	275		mg/kg wet		110	10 - 164
2-Butanone	ND		1250	1590		mg/kg wet		127	18 - 153
Carbon disulfide	ND		250	232		mg/kg wet		93	32 - 144
Carbon Tetrachloride	ND		250	250		mg/kg wet		100	31 - 149
Chlorobenzene	ND		250	297		mg/kg wet		119	25 - 152
Chlorodibromomethane	ND		250	323		mg/kg wet		129	14 - 146
Chloroethane	ND		250	224		mg/kg wet		90	10 - 151
Chloroform	ND		250	268	B	mg/kg wet		107	34 - 160
Chloromethane	ND		250	190		mg/kg wet		76	10 - 156

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D3811-MS1

Matrix: Soil

Analysis Batch: V006757

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D3811_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Cyclohexane	ND		250	304		mg/kg wet		122	32 - 158
1,2-Dibromo-3-chloropropane	ND		250	314		mg/kg wet		125	10 - 147
1,2-Dibromoethane (EDB)	ND		250	318		mg/kg wet		127	18 - 156
1,2-Dichlorobenzene	ND		250	319		mg/kg wet		128	10 - 160
1,3-Dichlorobenzene	ND		250	317		mg/kg wet		127	10 - 162
1,4-Dichlorobenzene	ND		250	322		mg/kg wet		129	11 - 159
Dichlorodifluoromethane	ND		250	209		mg/kg wet		84	10 - 143
1,2-Dichloroethane	ND		250	263		mg/kg wet		105	28 - 138
1,1-Dichloroethane	ND		250	243		mg/kg wet		97	42 - 136
1,1-Dichloroethene	ND		250	226		mg/kg wet		91	41 - 143
trans-1,2-Dichloroethene	ND		250	234		mg/kg wet		94	39 - 140
cis-1,2-Dichloroethene	ND		250	253		mg/kg wet		101	36 - 139
1,2-Dichloropropane	ND		250	250		mg/kg wet		100	20 - 146
trans-1,3-Dichloropropene	ND		250	284		mg/kg wet		114	10 - 157
cis-1,3-Dichloropropene	ND		250	303		mg/kg wet		121	15 - 166
Ethylbenzene	52.1		250	370		mg/kg wet		127	23 - 161
2-Hexanone	ND		1250	1550		mg/kg wet		124	10 - 169
Isopropylbenzene	10.9		250	350		mg/kg wet		136	23 - 181
Methyl Acetate	ND		250	316	B	mg/kg wet		126	10 - 200
Methylcyclohexane	33.0		250	319		mg/kg wet		114	29 - 167
Methyl tert-Butyl Ether	ND		250	256		mg/kg wet		103	28 - 141
Methylene Chloride	ND		250	239		mg/kg wet		96	24 - 182
4-Methyl-2-pentanone	ND		1250	1450		mg/kg wet		116	10 - 168
n-Propylbenzene	37.8		250	377		mg/kg wet		136	19 - 162
Styrene	ND		250	309		mg/kg wet		124	10 - 165
1,1,2,2-Tetrachloroethane	ND		250	342		mg/kg wet		137	10 - 162
Tetrachloroethene	ND		250	291		mg/kg wet		116	33 - 161
Tetrahydrofuran	ND		2500	3040		mg/kg wet		122	23 - 149
Toluene	ND		250	292		mg/kg wet		117	30 - 155
1,2,4-Trichlorobenzene	ND		250	328		mg/kg wet		131	10 - 167
1,1,1-Trichloroethane	ND		250	253		mg/kg wet		101	35 - 149
1,1,2-Trichloroethane	ND		250	317		mg/kg wet		127	19 - 157
Trichloroethene	ND		250	249		mg/kg wet		100	27 - 153
Trichlorofluoromethane	ND		250	221		mg/kg wet		88	25 - 137
Vinyl chloride	ND		250	230		mg/kg wet		92	20 - 141
Xylenes, total	267		750	1230		mg/kg wet		128	25 - 162
1,1,2-Trifluorotrichloroethane	ND		250	260		mg/kg wet		104	42 - 147

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
1,2-Dichloroethane-d4	101		70 - 130
Dibromofluoromethane	98		70 - 130
Toluene-d8	102		70 - 130
4-Bromofluorobenzene	100		70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D3811-MSD1

Matrix: Soil

Analysis Batch: V006757

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D3811_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	ND		1250	2010		mg/kg wet		161	19 - 175	7	50
Benzene	ND		250	264		mg/kg wet		106	31 - 143	2	50
Bromochloromethane	ND		250	276		mg/kg wet		110	31 - 141	3	50
Bromodichloromethane	ND		250	286		mg/kg wet		114	19 - 148	6	50
Bromoform	ND		250	318		mg/kg wet		127	10 - 165	5	50
Bromomethane	ND		250	280		mg/kg wet		112	10 - 164	2	50
2-Butanone	ND		1250	1720		mg/kg wet		137	18 - 153	8	50
Carbon disulfide	ND		250	238		mg/kg wet		95	32 - 144	3	50
Carbon Tetrachloride	ND		250	256		mg/kg wet		102	31 - 149	2	50
Chlorobenzene	ND		250	305		mg/kg wet		122	25 - 152	3	50
Chlorodibromomethane	ND		250	332		mg/kg wet		133	14 - 146	3	50
Chloroethane	ND		250	231		mg/kg wet		93	10 - 151	3	50
Chloroform	ND		250	277	B	mg/kg wet		111	34 - 160	3	49
Chloromethane	ND		250	191		mg/kg wet		76	10 - 156	0.6	50
Cyclohexane	ND		250	316		mg/kg wet		126	32 - 158	4	50
1,2-Dibromo-3-chloropropane	ND		250	355		mg/kg wet		142	10 - 147	12	50
1,2-Dibromoethane (EDB)	ND		250	332		mg/kg wet		133	18 - 156	4	50
1,2-Dichlorobenzene	ND		250	324		mg/kg wet		129	10 - 160	1	50
1,3-Dichlorobenzene	ND		250	328		mg/kg wet		131	10 - 162	3	50
1,4-Dichlorobenzene	ND		250	330		mg/kg wet		132	11 - 159	2	50
Dichlorodifluoromethane	ND		250	211		mg/kg wet		84	10 - 143	0.6	50
1,2-Dichloroethane	ND		250	277		mg/kg wet		111	28 - 138	5	50
1,1-Dichloroethane	ND		250	257		mg/kg wet		103	42 - 136	6	50
1,1-Dichloroethene	ND		250	226		mg/kg wet		90	41 - 143	0.4	50
trans-1,2-Dichloroethene	ND		250	246		mg/kg wet		98	39 - 140	5	50
cis-1,2-Dichloroethene	ND		250	264		mg/kg wet		106	36 - 139	4	50
1,2-Dichloropropane	ND		250	258		mg/kg wet		103	20 - 146	3	50
trans-1,3-Dichloropropene	ND		250	294		mg/kg wet		118	10 - 157	3	50
cis-1,3-Dichloropropene	ND		250	305		mg/kg wet		122	15 - 166	0.8	50
Ethylbenzene	52.1		250	373		mg/kg wet		128	23 - 161	0.9	50
2-Hexanone	ND		1250	1730		mg/kg wet		138	10 - 169	11	50
Isopropylbenzene	10.9		250	353		mg/kg wet		137	23 - 181	0.6	50
Methyl Acetate	ND		250	347	B	mg/kg wet		139	10 - 200	9	50
Methylcyclohexane	33.0		250	328		mg/kg wet		118	29 - 167	3	50
Methyl tert-Butyl Ether	ND		250	276		mg/kg wet		111	28 - 141	8	50
Methylene Chloride	ND		250	246		mg/kg wet		98	24 - 182	3	50
4-Methyl-2-pentanone	ND		1250	1590		mg/kg wet		127	10 - 168	9	50
n-Propylbenzene	37.8		250	385		mg/kg wet		139	19 - 162	2	50
Styrene	ND		250	318		mg/kg wet		127	10 - 165	3	50
1,1,2,2-Tetrachloroethane	ND		250	368		mg/kg wet		147	10 - 162	8	50
Tetrachloroethene	ND		250	294		mg/kg wet		117	33 - 161	0.9	50
Tetrahydrofuran	ND		2500	3420		mg/kg wet		137	23 - 149	12	50
Toluene	ND		250	282		mg/kg wet		113	30 - 155	3	50
1,2,4-Trichlorobenzene	ND		250	331		mg/kg wet		132	10 - 167	0.8	50
1,1,1-Trichloroethane	ND		250	264		mg/kg wet		106	35 - 149	4	50
1,1,2-Trichloroethane	ND		250	324		mg/kg wet		130	19 - 157	2	50
Trichloroethene	ND		250	260		mg/kg wet		104	27 - 153	4	50
Trichlorofluoromethane	ND		250	225		mg/kg wet		90	25 - 137	2	50
Vinyl chloride	ND		250	235		mg/kg wet		94	20 - 141	2	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12D3811-MSD1

Matrix: Soil

Analysis Batch: V006757

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D3811_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Xylenes, total	267		750	1240		mg/kg wet		129	25 - 162	0.6	50
1,1,2-Trifluorotrichloroethane	ND		250	266		mg/kg wet		107	42 - 147	2	50

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Matrix Spike Dup Limits
1,2-Dichloroethane-d4	101		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8	97		70 - 130
4-Bromofluorobenzene	101		70 - 130

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C

Lab Sample ID: 12D1750-BLK1

Matrix: Soil

Analysis Batch: 12D1750

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1750_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0670	0.0340	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Acenaphthylene	ND		0.0670	0.0340	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Acetophenone	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Anthracene	ND		0.0670	0.0340	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Atrazine	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Benzaldehyde	ND		1.67	0.835	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Benzo (a) anthracene	ND		0.0670	0.0340	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Benzo (b) fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Benzo (a) pyrene	ND		0.0670	0.0340	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Benzo (g,h,i) perylene	ND		0.0670	0.0340	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Benzo (k) fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Biphenyl	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
4-Bromophenyl phenyl ether	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Butyl benzyl phthalate	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
4-Chloro-3-methylphenol	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
4-Chloroaniline	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Caprolactam	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Carbazole	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
2-Chloronaphthalene	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Bis(2-chloroethoxy)methane	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Bis(2-chloroethyl)ether	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Bis(2-chloroisopropyl)ether	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
2-Chlorophenol	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
4-Chlorophenyl phenyl ether	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Chrysene	ND		0.0670	0.0340	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Dibenz (a,h) anthracene	ND		0.0670	0.0340	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Dibenzofuran	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Di-n-butyl phthalate	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
3,3-Dichlorobenzidine	ND		0.667	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
2,4-Dichlorophenol	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Diethyl phthalate	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
2,4-Dimethylphenol	ND		0.333	0.192	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Dimethyl phthalate	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1750-BLK1

Matrix: Soil

Analysis Batch: 12D1750

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1750_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
2,4-Dinitrophenol	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
2,6-Dinitrotoluene	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
2,4-Dinitrotoluene	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Di-n-octyl phthalate	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Bis(2-ethylhexyl)phthalate	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Fluorene	ND		0.0670	0.0340	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Hexachlorobenzene	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Hexachlorobutadiene	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Hexachlorocyclopentadiene	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Hexachloroethane	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Indeno (1,2,3-cd) pyrene	ND		0.0670	0.0340	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Isophorone	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
2-Methylnaphthalene	ND		0.0670	0.0340	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
2-Methylphenol	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Naphthalene	ND		0.0670	0.0340	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
2-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
3-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
4-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Nitrobenzene	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
2-Nitrophenol	ND		0.333	0.196	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
4-Nitrophenol	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
N-Nitrosodiphenylamine	ND		0.333	0.183	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
N-Nitrosodi-n-propylamine	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Pentachlorophenol	ND		0.833	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Phenanthrene	ND		0.0670	0.0340	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Phenol	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
Pyrene	ND		0.0670	0.0340	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
2,4,5-Trichlorophenol	ND		0.833	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00
2,4,6-Trichlorophenol	ND		0.333	0.167	mg/kg wet		04/12/12 08:26	04/12/12 16:16	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	66		17 - 120	04/12/12 08:26	04/12/12 16:16	1.00
Phenol-d5	67		18 - 120	04/12/12 08:26	04/12/12 16:16	1.00
2-Fluorobiphenyl	71		14 - 120	04/12/12 08:26	04/12/12 16:16	1.00
Nitrobenzene-d5	66		17 - 120	04/12/12 08:26	04/12/12 16:16	1.00
Terphenyl-d14	89		18 - 120	04/12/12 08:26	04/12/12 16:16	1.00
2,4,6-Tribromophenol	78		19 - 120	04/12/12 08:26	04/12/12 16:16	1.00

Lab Sample ID: 12D1750-BS1

Matrix: Soil

Analysis Batch: 12D1750

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1750_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	1.67	1.36		mg/kg wet		82	36 - 120
Acenaphthylene	1.67	1.30		mg/kg wet		78	38 - 120
Acetophenone	1.67	0.970		mg/kg wet		58	30 - 120
Anthracene	1.67	1.45		mg/kg wet		87	46 - 124

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1750-BS1

Matrix: Soil

Analysis Batch: 12D1750

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1750_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo (a) anthracene	1.67	1.45		mg/kg wet		87	45 - 120
Benzo (b) fluoranthene	1.67	1.46		mg/kg wet		87	42 - 120
Benzo (a) pyrene	1.67	1.43		mg/kg wet		86	45 - 120
Benzo (g,h,i) perylene	1.67	1.25		mg/kg wet		75	38 - 120
Benzo (k) fluoranthene	1.67	1.33		mg/kg wet		80	42 - 120
4-Bromophenyl phenyl ether	1.67	1.57		mg/kg wet		94	40 - 120
Butyl benzyl phthalate	1.67	1.42		mg/kg wet		85	43 - 133
4-Chloro-3-methylphenol	1.67	1.48		mg/kg wet		89	38 - 120
4-Chloroaniline	1.67	1.50		mg/kg wet		90	35 - 120
Carbazole	1.67	1.43		mg/kg wet		86	44 - 120
2-Chloronaphthalene	1.67	1.11		mg/kg wet		66	34 - 120
Bis(2-chloroethoxy)methane	1.67	1.32		mg/kg wet		79	32 - 120
Bis(2-chloroethyl)ether	1.67	1.21		mg/kg wet		73	31 - 120
Bis(2-chloroisopropyl)ether	1.67	1.27		mg/kg wet		76	32 - 120
2-Chlorophenol	1.67	1.33		mg/kg wet		80	32 - 120
4-Chlorophenyl phenyl ether	1.67	1.50		mg/kg wet		90	42 - 120
Chrysene	1.67	1.38		mg/kg wet		83	43 - 120
Dibenz (a,h) anthracene	1.67	1.29		mg/kg wet		77	32 - 128
Dibenzofuran	1.67	1.46		mg/kg wet		88	41 - 120
Di-n-butyl phthalate	1.67	1.39		mg/kg wet		83	46 - 127
3,3-Dichlorobenzidine	1.67	1.47		mg/kg wet		88	39 - 120
2,4-Dichlorophenol	1.67	1.52		mg/kg wet		91	32 - 120
Diethyl phthalate	1.67	1.40		mg/kg wet		84	41 - 122
2,4-Dimethylphenol	1.67	1.42		mg/kg wet		85	32 - 120
Dimethyl phthalate	1.67	1.30		mg/kg wet		78	55 - 120
4,6-Dinitro-2-methylphenol	1.67	1.10		mg/kg wet		66	27 - 134
2,4-Dinitrophenol	1.67	0.975		mg/kg wet		58	23 - 142
2,6-Dinitrotoluene	1.67	1.20		mg/kg wet		72	43 - 120
2,4-Dinitrotoluene	1.67	1.17		mg/kg wet		70	43 - 120
Di-n-octyl phthalate	1.67	1.45		mg/kg wet		87	40 - 130
Bis(2-ethylhexyl)phthalate	1.67	1.42		mg/kg wet		85	43 - 120
Fluoranthene	1.67	1.57		mg/kg wet		94	46 - 120
Fluorene	1.67	1.51		mg/kg wet		91	42 - 120
Hexachlorobenzene	1.67	1.76		mg/kg wet		105	44 - 120
Hexachlorobutadiene	1.67	1.78		mg/kg wet		107	31 - 120
Hexachlorocyclopentadiene	1.67	0.574		mg/kg wet		34	24 - 120
Hexachloroethane	1.67	1.25		mg/kg wet		75	33 - 120
Indeno (1,2,3-cd) pyrene	1.67	1.29		mg/kg wet		78	41 - 121
Isophorone	1.67	1.04		mg/kg wet		63	33 - 120
2-Methylnaphthalene	1.67	1.47		mg/kg wet		88	28 - 120
2-Methylphenol	1.67	1.06		mg/kg wet		63	36 - 120
Naphthalene	1.67	1.51		mg/kg wet		91	32 - 120
2-Nitroaniline	1.67	1.49		mg/kg wet		89	40 - 120
3-Nitroaniline	1.67	1.44		mg/kg wet		87	42 - 120
4-Nitroaniline	1.67	1.53		mg/kg wet		92	43 - 120
Nitrobenzene	1.67	1.01		mg/kg wet		60	26 - 120
2-Nitrophenol	1.67	1.48		mg/kg wet		89	29 - 120
4-Nitrophenol	1.67	1.30		mg/kg wet		78	32 - 136
N-Nitrosodiphenylamine	1.67	1.67		mg/kg wet		100	52 - 140
N-Nitrosodi-n-propylamine	1.67	1.25		mg/kg wet		75	35 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1750-BS1

Matrix: Soil

Analysis Batch: 12D1750

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1750_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Pentachlorophenol	1.67	1.65		mg/kg wet		99	44 - 134
Phenanthrene	1.67	1.48		mg/kg wet		89	45 - 120
Phenol	1.67	1.21		mg/kg wet		73	30 - 120
Pyrene	1.67	1.41		mg/kg wet		84	43 - 120
2,4,5-Trichlorophenol	1.67	1.22		mg/kg wet		73	39 - 120
2,4,6-Trichlorophenol	1.67	1.51		mg/kg wet		90	39 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	65		17 - 120
Phenol-d5	66		18 - 120
2-Fluorobiphenyl	70		14 - 120
Nitrobenzene-d5	68		17 - 120
Terphenyl-d14	90		18 - 120
2,4,6-Tribromophenol	76		19 - 120

Lab Sample ID: 12D1750-BS2

Matrix: Soil

Analysis Batch: 12D1750

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1750_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetophenone	1.67	1.41		mg/kg wet		85	30 - 120
Atrazine	1.67	1.34		mg/kg wet		80	41 - 120
Benzaldehyde	1.67	ND	L2	mg/kg wet			10 - 150
Biphenyl	1.67	1.46		mg/kg wet		88	15 - 120
4-Chloro-3-methylphenol	1.67	1.45		mg/kg wet		87	38 - 120
Caprolactam	1.67	1.34		mg/kg wet		80	18 - 138
2-Chlorophenol	1.67	1.32		mg/kg wet		79	32 - 120
2,4-Dichlorophenol	1.67	1.49		mg/kg wet		89	32 - 120
2,4-Dimethylphenol	1.67	1.32		mg/kg wet		79	32 - 120
4,6-Dinitro-2-methylphenol	1.67	1.09		mg/kg wet		65	27 - 134
2,4-Dinitrophenol	1.67	0.970		mg/kg wet		58	23 - 142
2-Methylphenol	1.67	1.07		mg/kg wet		64	36 - 120
2-Nitrophenol	1.67	1.38		mg/kg wet		83	29 - 120
4-Nitrophenol	1.67	1.32		mg/kg wet		79	32 - 136
Pentachlorophenol	1.67	1.33		mg/kg wet		80	44 - 134
Phenol	1.67	1.17		mg/kg wet		70	30 - 120
2,4,5-Trichlorophenol	1.67	1.13		mg/kg wet		68	39 - 120
2,4,6-Trichlorophenol	1.67	1.43		mg/kg wet		86	39 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	65		17 - 120
Phenol-d5	66		18 - 120
2-Fluorobiphenyl	67		14 - 120
Nitrobenzene-d5	66		17 - 120
Terphenyl-d14	88		18 - 120
2,4,6-Tribromophenol	73		19 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1750-MS1

Matrix: Soil

Analysis Batch: 12D1750

Client Sample ID: TP-10-SO-040912-06

Prep Type: Total

Prep Batch: 12D1750_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Acenaphthene	ND		2.05	1.39		mg/kg dry	✖	68	19 - 120
Acenaphthylene	ND		2.05	1.36		mg/kg dry	✖	66	25 - 120
Acetophenone	ND		2.05	0.970		mg/kg dry	✖	47	10 - 200
Anthracene	ND		2.05	1.54		mg/kg dry	✖	75	28 - 125
Benzo (a) anthracene	ND		2.05	1.52		mg/kg dry	✖	74	23 - 120
Benzo (b) fluoranthene	ND		2.05	1.49		mg/kg dry	✖	73	12 - 133
Benzo (a) pyrene	ND		2.05	1.50		mg/kg dry	✖	73	15 - 128
Benzo (g,h,i) perylene	ND		2.05	1.32		mg/kg dry	✖	64	22 - 120
Benzo (k) fluoranthene	ND		2.05	1.49		mg/kg dry	✖	72	28 - 120
4-Bromophenyl phenyl ether	ND		2.05	1.59		mg/kg dry	✖	77	31 - 120
Butyl benzyl phthalate	ND		2.05	1.40		mg/kg dry	✖	68	24 - 133
4-Chloro-3-methylphenol	ND		2.05	1.49		mg/kg dry	✖	73	21 - 120
4-Chloroaniline	ND		2.05	1.51		mg/kg dry	✖	73	26 - 120
Carbazole	ND		2.05	1.50		mg/kg dry	✖	73	25 - 123
2-Chloronaphthalene	ND		2.05	1.13		mg/kg dry	✖	55	24 - 120
Bis(2-chloroethoxy)methane	ND		2.05	1.31		mg/kg dry	✖	64	24 - 120
Bis(2-chloroethyl)ether	ND		2.05	1.23		mg/kg dry	✖	60	22 - 120
Bis(2-chloroisopropyl)ether	ND		2.05	1.34		mg/kg dry	✖	65	20 - 120
2-Chlorophenol	ND		2.05	1.30		mg/kg dry	✖	63	25 - 120
4-Chlorophenyl phenyl ether	ND		2.05	1.54		mg/kg dry	✖	75	26 - 120
Chrysene	ND		2.05	1.46		mg/kg dry	✖	71	20 - 120
Dibenz (a,h) anthracene	ND		2.05	1.35		mg/kg dry	✖	66	12 - 128
Dibenzofuran	ND		2.05	1.50		mg/kg dry	✖	73	21 - 120
Di-n-butyl phthalate	ND		2.05	1.43		mg/kg dry	✖	69	29 - 126
3,3-Dichlorobenzidine	ND		2.05	1.55		mg/kg dry	✖	76	10 - 120
2,4-Dichlorophenol	ND		2.05	1.50		mg/kg dry	✖	73	17 - 120
Diethyl phthalate	ND		2.05	1.46		mg/kg dry	✖	71	29 - 122
2,4-Dimethylphenol	ND		2.05	1.44		mg/kg dry	✖	70	17 - 120
Dimethyl phthalate	ND		2.05	1.37		mg/kg dry	✖	67	30 - 120
4,6-Dinitro-2-methylphenol	ND		2.05	1.12		mg/kg dry	✖	55	10 - 134
2,4-Dinitrophenol	ND		2.05	0.838		mg/kg dry	✖	41	10 - 150
2,6-Dinitrotoluene	ND		2.05	1.22		mg/kg dry	✖	60	24 - 120
2,4-Dinitrotoluene	ND		2.05	1.26		mg/kg dry	✖	62	24 - 121
Di-n-octyl phthalate	ND		2.05	1.54		mg/kg dry	✖	75	27 - 130
Bis(2-ethylhexyl)phthalate	ND		2.05	1.52		mg/kg dry	✖	74	26 - 120
Fluoranthene	ND		2.05	1.70		mg/kg dry	✖	83	10 - 143
Fluorene	ND		2.05	1.54		mg/kg dry	✖	75	20 - 120
Hexachlorobenzene	ND		2.05	1.72		mg/kg dry	✖	84	25 - 120
Hexachlorobutadiene	ND		2.05	1.70		mg/kg dry	✖	83	10 - 120
Hexachlorocyclopentadiene	ND		2.05	0.604		mg/kg dry	✖	29	10 - 120
Hexachloroethane	ND		2.05	1.22		mg/kg dry	✖	60	10 - 120
Indeno (1,2,3-cd) pyrene	ND		2.05	1.34		mg/kg dry	✖	65	22 - 121
Isophorone	ND		2.05	1.05		mg/kg dry	✖	51	24 - 120
2-Methylnaphthalene	ND		2.05	1.45		mg/kg dry	✖	71	13 - 120
2-Methylphenol	ND		2.05	1.09		mg/kg dry	✖	53	23 - 120
Naphthalene	ND		2.05	1.53		mg/kg dry	✖	75	10 - 120
2-Nitroaniline	ND		2.05	1.52		mg/kg dry	✖	74	31 - 120
3-Nitroaniline	ND		2.05	1.53		mg/kg dry	✖	75	31 - 120
4-Nitroaniline	ND		2.05	1.61		mg/kg dry	✖	78	28 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1750-MS1

Matrix: Soil

Analysis Batch: 12D1750

Client Sample ID: TP-10-SO-040912-06

Prep Type: Total

Prep Batch: 12D1750_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrobenzene	ND		2.05	0.989		mg/kg dry	☼	48	19 - 120
2-Nitrophenol	ND		2.05	1.55		mg/kg dry	☼	75	23 - 120
4-Nitrophenol	ND		2.05	1.35		mg/kg dry	☼	66	16 - 139
N-Nitrosodiphenylamine	ND		2.05	1.68		mg/kg dry	☼	82	26 - 150
N-Nitrosodi-n-propylamine	ND		2.05	1.28		mg/kg dry	☼	62	24 - 120
Pentachlorophenol	ND		2.05	1.60		mg/kg dry	☼	78	19 - 145
Phenanthrene	ND		2.05	1.53		mg/kg dry	☼	74	21 - 122
Phenol	ND		2.05	1.23		mg/kg dry	☼	60	15 - 120
Pyrene	ND		2.05	1.44		mg/kg dry	☼	70	20 - 123
2,4,5-Trichlorophenol	ND		2.05	1.27		mg/kg dry	☼	62	27 - 120
2,4,6-Trichlorophenol	ND		2.05	1.51		mg/kg dry	☼	74	24 - 122

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
2-Fluorophenol	50		17 - 120
Phenol-d5	52		18 - 120
2-Fluorobiphenyl	55		14 - 120
Nitrobenzene-d5	53		17 - 120
Terphenyl-d14	73		18 - 120
2,4,6-Tribromophenol	59		19 - 120

Lab Sample ID: 12D1750-MSD1

Matrix: Soil

Analysis Batch: 12D1750

Client Sample ID: TP-10-SO-040912-06

Prep Type: Total

Prep Batch: 12D1750_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		2.06	1.34		mg/kg dry	☼	65	19 - 120	4	50
Acenaphthylene	ND		2.06	1.30		mg/kg dry	☼	63	25 - 120	4	50
Acetophenone	ND		2.06	0.967		mg/kg dry	☼	47	10 - 200	0.3	50
Anthracene	ND		2.06	1.47		mg/kg dry	☼	72	28 - 125	4	49
Benzo (a) anthracene	ND		2.06	1.49		mg/kg dry	☼	73	23 - 120	2	50
Benzo (b) fluoranthene	ND		2.06	1.56		mg/kg dry	☼	76	12 - 133	5	50
Benzo (a) pyrene	ND		2.06	1.46		mg/kg dry	☼	71	15 - 128	3	50
Benzo (g,h,i) perylene	ND		2.06	1.27		mg/kg dry	☼	62	22 - 120	4	50
Benzo (k) fluoranthene	ND		2.06	1.28		mg/kg dry	☼	62	28 - 120	15	45
4-Bromophenyl phenyl ether	ND		2.06	1.58		mg/kg dry	☼	77	31 - 120	0.5	37
Butyl benzyl phthalate	ND		2.06	1.45		mg/kg dry	☼	70	24 - 133	3	50
4-Chloro-3-methylphenol	ND		2.06	1.47		mg/kg dry	☼	71	21 - 120	1	49
4-Chloroaniline	ND		2.06	1.39		mg/kg dry	☼	68	26 - 120	8	50
Carbazole	ND		2.06	1.49		mg/kg dry	☼	73	25 - 123	0.3	46
2-Chloronaphthalene	ND		2.06	1.08		mg/kg dry	☼	52	24 - 120	5	50
Bis(2-chloroethoxy)methane	ND		2.06	1.29		mg/kg dry	☼	63	24 - 120	1	50
Bis(2-chloroethyl)ether	ND		2.06	1.22		mg/kg dry	☼	59	22 - 120	1	50
Bis(2-chloroisopropyl)ether	ND		2.06	1.24		mg/kg dry	☼	60	20 - 120	7	50
2-Chlorophenol	ND		2.06	1.29		mg/kg dry	☼	62	25 - 120	0.8	50
4-Chlorophenyl phenyl ether	ND		2.06	1.43		mg/kg dry	☼	70	26 - 120	7	50
Chrysene	ND		2.06	1.44		mg/kg dry	☼	70	20 - 120	1	49
Dibenz (a,h) anthracene	ND		2.06	1.34		mg/kg dry	☼	65	12 - 128	1	50
Dibenzofuran	ND		2.06	1.43		mg/kg dry	☼	70	21 - 120	5	50
Di-n-butyl phthalate	ND		2.06	1.44		mg/kg dry	☼	70	29 - 126	0.8	49

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D1750-MSD1

Matrix: Soil

Analysis Batch: 12D1750

Client Sample ID: TP-10-SO-040912-06

Prep Type: Total

Prep Batch: 12D1750_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
3,3-Dichlorobenzidine	ND		2.06	1.44		mg/kg dry	✱	70	10 - 120	8	50
2,4-Dichlorophenol	ND		2.06	1.44		mg/kg dry	✱	70	17 - 120	4	50
Diethyl phthalate	ND		2.06	1.45		mg/kg dry	✱	70	29 - 122	0.9	45
2,4-Dimethylphenol	ND		2.06	1.38		mg/kg dry	✱	67	17 - 120	4	50
Dimethyl phthalate	ND		2.06	1.35		mg/kg dry	✱	66	30 - 120	2	46
4,6-Dinitro-2-methylphenol	ND		2.06	1.20		mg/kg dry	✱	59	10 - 134	7	50
2,4-Dinitrophenol	ND		2.06	1.04		mg/kg dry	✱	50	10 - 150	21	50
2,6-Dinitrotoluene	ND		2.06	1.18		mg/kg dry	✱	58	24 - 120	3	50
2,4-Dinitrotoluene	ND		2.06	1.19		mg/kg dry	✱	58	24 - 121	6	50
Di-n-octyl phthalate	ND		2.06	1.51		mg/kg dry	✱	74	27 - 130	1	50
Bis(2-ethylhexyl)phthalate	ND		2.06	1.56		mg/kg dry	✱	76	26 - 120	2	50
Fluoranthene	ND		2.06	1.58		mg/kg dry	✱	77	10 - 143	8	50
Fluorene	ND		2.06	1.50		mg/kg dry	✱	73	20 - 120	3	50
Hexachlorobenzene	ND		2.06	1.67		mg/kg dry	✱	81	25 - 120	3	50
Hexachlorobutadiene	ND		2.06	1.61		mg/kg dry	✱	78	10 - 120	6	50
Hexachlorocyclopentadiene	ND		2.06	0.581		mg/kg dry	✱	28	10 - 120	4	50
Hexachloroethane	ND		2.06	1.19		mg/kg dry	✱	58	10 - 120	3	50
Indeno (1,2,3-cd) pyrene	ND		2.06	1.32		mg/kg dry	✱	64	22 - 121	2	50
Isophorone	ND		2.06	1.03		mg/kg dry	✱	50	24 - 120	2	50
2-Methylnaphthalene	ND		2.06	1.40		mg/kg dry	✱	68	13 - 120	4	50
2-Methylphenol	ND		2.06	1.04		mg/kg dry	✱	51	23 - 120	4	50
Naphthalene	ND		2.06	1.45		mg/kg dry	✱	70	10 - 120	6	50
2-Nitroaniline	ND		2.06	1.48		mg/kg dry	✱	72	31 - 120	3	50
3-Nitroaniline	ND		2.06	1.48		mg/kg dry	✱	72	31 - 120	4	49
4-Nitroaniline	ND		2.06	1.53		mg/kg dry	✱	74	28 - 120	5	49
Nitrobenzene	ND		2.06	0.988		mg/kg dry	✱	48	19 - 120	0.06	50
2-Nitrophenol	ND		2.06	1.41		mg/kg dry	✱	68	23 - 120	9	50
4-Nitrophenol	ND		2.06	1.32		mg/kg dry	✱	64	16 - 139	2	45
N-Nitrosodiphenylamine	ND		2.06	1.63		mg/kg dry	✱	79	26 - 150	3	50
N-Nitrosodi-n-propylamine	ND		2.06	1.28		mg/kg dry	✱	62	24 - 120	0.5	50
Pentachlorophenol	ND		2.06	1.64		mg/kg dry	✱	80	19 - 145	2	50
Phenanthrene	ND		2.06	1.48		mg/kg dry	✱	72	21 - 122	3	50
Phenol	ND		2.06	1.19		mg/kg dry	✱	58	15 - 120	3	50
Pyrene	ND		2.06	1.42		mg/kg dry	✱	69	20 - 123	1	50
2,4,5-Trichlorophenol	ND		2.06	1.19		mg/kg dry	✱	58	27 - 120	7	50
2,4,6-Trichlorophenol	ND		2.06	1.48		mg/kg dry	✱	72	24 - 122	2	50

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Matrix Spike Dup Limits
2-Fluorophenol	46		17 - 120
Phenol-d5	50		18 - 120
2-Fluorobiphenyl	53		14 - 120
Nitrobenzene-d5	51		17 - 120
Terphenyl-d14	74		18 - 120
2,4,6-Tribromophenol	56		19 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D3223-BLK1

Matrix: Soil

Analysis Batch: 12D3223

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D3223_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Acenaphthylene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Acetophenone	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Anthracene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Atrazine	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Benzaldehyde	ND		1.67	0.835	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Benzo (a) anthracene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Benzo (b) fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Benzo (a) pyrene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Benzo (g,h,i) perylene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Benzo (k) fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Biphenyl	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
4-Bromophenyl phenyl ether	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Butyl benzyl phthalate	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
4-Chloro-3-methylphenol	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
4-Chloroaniline	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Caprolactam	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Carbazole	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2-Chloronaphthalene	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Bis(2-chloroethoxy)methane	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Bis(2-chloroethyl)ether	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Bis(2-chloroisopropyl)ether	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2-Chlorophenol	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
4-Chlorophenyl phenyl ether	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Chrysene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Dibenz (a,h) anthracene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Dibenzofuran	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Di-n-butyl phthalate	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
3,3-Dichlorobenzidine	ND		0.667	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2,4-Dichlorophenol	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Diethyl phthalate	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2,4-Dimethylphenol	ND		0.333	0.192	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Dimethyl phthalate	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
4,6-Dinitro-2-methylphenol	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2,4-Dinitrophenol	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2,6-Dinitrotoluene	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2,4-Dinitrotoluene	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Di-n-octyl phthalate	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Bis(2-ethylhexyl)phthalate	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Fluoranthene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Fluorene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Hexachlorobenzene	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Hexachlorobutadiene	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Hexachlorocyclopentadiene	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Hexachloroethane	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Indeno (1,2,3-cd) pyrene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Isophorone	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2-Methylnaphthalene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2-Methylphenol	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D3223-BLK1

Matrix: Soil

Analysis Batch: 12D3223

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D3223_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
3-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
4-Nitroaniline	ND		0.833	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Nitrobenzene	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2-Nitrophenol	ND		0.333	0.196	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
4-Nitrophenol	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
N-Nitrosodiphenylamine	ND		0.333	0.183	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
N-Nitrosodi-n-propylamine	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Pentachlorophenol	ND		0.833	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Phenanthrene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Phenol	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
Pyrene	ND		0.0670	0.0340	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2,4,5-Trichlorophenol	ND		0.833	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00
2,4,6-Trichlorophenol	ND		0.333	0.167	mg/kg wet		04/16/12 16:00	04/17/12 12:57	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol	54		17 - 120	04/16/12 16:00	04/17/12 12:57	1.00
Phenol-d5	53		18 - 120	04/16/12 16:00	04/17/12 12:57	1.00
2-Fluorobiphenyl	60		14 - 120	04/16/12 16:00	04/17/12 12:57	1.00
Nitrobenzene-d5	55		17 - 120	04/16/12 16:00	04/17/12 12:57	1.00
Terphenyl-d14	80		18 - 120	04/16/12 16:00	04/17/12 12:57	1.00
2,4,6-Tribromophenol	59		19 - 120	04/16/12 16:00	04/17/12 12:57	1.00

Lab Sample ID: 12D3223-BS1

Matrix: Soil

Analysis Batch: 12D3223

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D3223_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Acenaphthene	1.67	1.35		mg/kg wet		81	36 - 120
Acenaphthylene	1.67	1.35		mg/kg wet		81	38 - 120
Acetophenone	1.67	1.10		mg/kg wet		66	30 - 120
Anthracene	1.67	1.49		mg/kg wet		89	46 - 124
Benzo (a) anthracene	1.67	1.49		mg/kg wet		90	45 - 120
Benzo (b) fluoranthene	1.67	1.30		mg/kg wet		78	42 - 120
Benzo (a) pyrene	1.67	1.46		mg/kg wet		87	45 - 120
Benzo (g,h,i) perylene	1.67	1.37		mg/kg wet		82	38 - 120
Benzo (k) fluoranthene	1.67	1.55		mg/kg wet		93	42 - 120
4-Bromophenyl phenyl ether	1.67	1.62		mg/kg wet		97	40 - 120
Butyl benzyl phthalate	1.67	1.54		mg/kg wet		93	43 - 133
4-Chloro-3-methylphenol	1.67	1.39		mg/kg wet		83	38 - 120
4-Chloroaniline	1.67	1.37		mg/kg wet		82	35 - 120
Carbazole	1.67	1.41		mg/kg wet		85	44 - 120
2-Chloronaphthalene	1.67	1.09		mg/kg wet		65	34 - 120
Bis(2-chloroethoxy)methane	1.67	1.30		mg/kg wet		78	32 - 120
Bis(2-chloroethyl)ether	1.67	1.17		mg/kg wet		70	31 - 120
Bis(2-chloroisopropyl)ether	1.67	1.34		mg/kg wet		80	32 - 120
2-Chlorophenol	1.67	1.27		mg/kg wet		76	32 - 120
4-Chlorophenyl phenyl ether	1.67	1.50		mg/kg wet		90	42 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D3223-BS1

Matrix: Soil

Analysis Batch: 12D3223

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D3223_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chrysene	1.67	1.43		mg/kg wet		86	43 - 120
Dibenz (a,h) anthracene	1.67	1.39		mg/kg wet		83	32 - 128
Dibenzofuran	1.67	1.42		mg/kg wet		85	41 - 120
Di-n-butyl phthalate	1.67	1.49		mg/kg wet		90	46 - 127
3,3-Dichlorobenzidine	1.67	1.46		mg/kg wet		87	39 - 120
2,4-Dichlorophenol	1.67	1.38		mg/kg wet		83	32 - 120
Diethyl phthalate	1.67	1.44		mg/kg wet		86	41 - 122
2,4-Dimethylphenol	1.67	1.31		mg/kg wet		79	32 - 120
Dimethyl phthalate	1.67	1.39		mg/kg wet		83	55 - 120
4,6-Dinitro-2-methylphenol	1.67	1.46		mg/kg wet		88	27 - 134
2,4-Dinitrophenol	1.67	1.33		mg/kg wet		80	23 - 142
2,6-Dinitrotoluene	1.67	1.19		mg/kg wet		71	43 - 120
2,4-Dinitrotoluene	1.67	1.18		mg/kg wet		71	43 - 120
Di-n-octyl phthalate	1.67	1.47		mg/kg wet		88	40 - 130
Bis(2-ethylhexyl)phthalate	1.67	1.56		mg/kg wet		93	43 - 120
Fluoranthene	1.67	1.47		mg/kg wet		88	46 - 120
Fluorene	1.67	1.46		mg/kg wet		88	42 - 120
Hexachlorobenzene	1.67	1.69		mg/kg wet		101	44 - 120
Hexachlorobutadiene	1.67	1.59		mg/kg wet		95	31 - 120
Hexachlorocyclopentadiene	1.67	0.858		mg/kg wet		51	24 - 120
Hexachloroethane	1.67	1.26		mg/kg wet		76	33 - 120
Indeno (1,2,3-cd) pyrene	1.67	1.36		mg/kg wet		82	41 - 121
Isophorone	1.67	1.09		mg/kg wet		65	33 - 120
2-Methylnaphthalene	1.67	1.34		mg/kg wet		80	28 - 120
2-Methylphenol	1.67	1.04		mg/kg wet		63	36 - 120
Naphthalene	1.67	1.37		mg/kg wet		82	32 - 120
2-Nitroaniline	1.67	1.41		mg/kg wet		85	40 - 120
3-Nitroaniline	1.67	1.41		mg/kg wet		84	42 - 120
4-Nitroaniline	1.67	1.40		mg/kg wet		84	43 - 120
Nitrobenzene	1.67	0.916		mg/kg wet		55	26 - 120
2-Nitrophenol	1.67	1.38		mg/kg wet		83	29 - 120
4-Nitrophenol	1.67	1.21		mg/kg wet		73	32 - 136
N-Nitrosodiphenylamine	1.67	1.71		mg/kg wet		103	52 - 140
N-Nitrosodi-n-propylamine	1.67	1.29		mg/kg wet		77	35 - 120
Pentachlorophenol	1.67	1.55		mg/kg wet		93	44 - 134
Phenanthrene	1.67	1.48		mg/kg wet		89	45 - 120
Phenol	1.67	1.12		mg/kg wet		67	30 - 120
Pyrene	1.67	1.50		mg/kg wet		90	43 - 120
2,4,5-Trichlorophenol	1.67	1.20		mg/kg wet		72	39 - 120
2,4,6-Trichlorophenol	1.67	1.50		mg/kg wet		90	39 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	55		17 - 120
Phenol-d5	56		18 - 120
2-Fluorobiphenyl	65		14 - 120
Nitrobenzene-d5	58		17 - 120
Terphenyl-d14	87		18 - 120
2,4,6-Tribromophenol	62		19 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D3223-BS2

Matrix: Soil

Analysis Batch: 12D3223

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D3223_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetophenone	1.67	1.13		mg/kg wet		68	30 - 120
Atrazine	1.67	1.24		mg/kg wet		75	41 - 120
Benzaldehyde	1.67	ND	L2	mg/kg wet			10 - 150
Biphenyl	1.67	1.14		mg/kg wet		68	15 - 120
4-Chloro-3-methylphenol	1.67	1.14		mg/kg wet		68	38 - 120
Caprolactam	1.67	1.04		mg/kg wet		63	18 - 138
2-Chlorophenol	1.67	0.987		mg/kg wet		59	32 - 120
2,4-Dichlorophenol	1.67	1.15		mg/kg wet		69	32 - 120
2,4-Dimethylphenol	1.67	1.07		mg/kg wet		64	32 - 120
4,6-Dinitro-2-methylphenol	1.67	1.19		mg/kg wet		71	27 - 134
2,4-Dinitrophenol	1.67	1.09		mg/kg wet		65	23 - 142
2-Methylphenol	1.67	0.846		mg/kg wet		51	36 - 120
2-Nitrophenol	1.67	1.06		mg/kg wet		64	29 - 120
4-Nitrophenol	1.67	1.09		mg/kg wet		66	32 - 136
Pentachlorophenol	1.67	1.04		mg/kg wet		63	44 - 134
Phenol	1.67	0.939		mg/kg wet		56	30 - 120
2,4,5-Trichlorophenol	1.67	1.01		mg/kg wet		60	39 - 120
2,4,6-Trichlorophenol	1.67	1.21		mg/kg wet		73	39 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol	52		17 - 120
Phenol-d5	54		18 - 120
2-Fluorobiphenyl	61		14 - 120
Nitrobenzene-d5	53		17 - 120
Terphenyl-d14	86		18 - 120
2,4,6-Tribromophenol	65		19 - 120

Lab Sample ID: 12D3223-MS1

Matrix: Soil

Analysis Batch: 12D3223

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D3223_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	0.665		2.16	2.25		mg/kg dry	☼	74	19 - 120
Acenaphthylene	ND		2.16	1.45		mg/kg dry	☼	67	25 - 120
Acetophenone	ND		2.16	1.18		mg/kg dry	☼	55	10 - 200
Anthracene	0.295		2.16	3.63	M7	mg/kg dry	☼	155	28 - 125
Benzo (a) anthracene	0.627		2.16	6.02	M7	mg/kg dry	☼	250	23 - 120
Benzo (b) fluoranthene	0.790		2.16	5.30	M7	mg/kg dry	☼	209	12 - 133
Benzo (a) pyrene	0.682		2.16	5.34	M7	mg/kg dry	☼	216	15 - 128
Benzo (g,h,i) perylene	0.412		2.16	3.24	M7	mg/kg dry	☼	131	22 - 120
Benzo (k) fluoranthene	0.413		2.16	3.58	M7	mg/kg dry	☼	147	28 - 120
4-Bromophenyl phenyl ether	ND		2.16	1.66		mg/kg dry	☼	77	31 - 120
Butyl benzyl phthalate	ND		2.16	1.65		mg/kg dry	☼	76	24 - 133
4-Chloro-3-methylphenol	ND		2.16	1.49		mg/kg dry	☼	69	21 - 120
4-Chloroaniline	ND		2.16	1.28		mg/kg dry	☼	60	26 - 120
Carbazole	ND		2.16	1.81		mg/kg dry	☼	84	25 - 123
2-Chloronaphthalene	ND		2.16	1.16		mg/kg dry	☼	54	24 - 120
Bis(2-chloroethoxy)methane	ND		2.16	1.39		mg/kg dry	☼	65	24 - 120
Bis(2-chloroethyl)ether	ND		2.16	1.33		mg/kg dry	☼	62	22 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D3223-MS1

Matrix: Soil

Analysis Batch: 12D3223

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D3223_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Bis(2-chloroisopropyl)ether	ND		2.16	1.46		mg/kg dry	☼	68	20 - 120
2-Chlorophenol	ND		2.16	1.42		mg/kg dry	☼	66	25 - 120
4-Chlorophenyl phenyl ether	ND		2.16	1.49		mg/kg dry	☼	69	26 - 120
Chrysene	0.649		2.16	5.29	M7	mg/kg dry	☼	215	20 - 120
Dibenz (a,h) anthracene	ND		2.16	2.31		mg/kg dry	☼	107	12 - 128
Dibenzofuran	0.329		2.16	1.73		mg/kg dry	☼	65	21 - 120
Di-n-butyl phthalate	ND		2.16	1.46		mg/kg dry	☼	68	29 - 126
3,3-Dichlorobenzidine	ND		2.16	0.947		mg/kg dry	☼	44	10 - 120
2,4-Dichlorophenol	ND		2.16	1.58		mg/kg dry	☼	73	17 - 120
Diethyl phthalate	ND		2.16	1.36		mg/kg dry	☼	63	29 - 122
2,4-Dimethylphenol	ND		2.16	1.47		mg/kg dry	☼	68	17 - 120
Dimethyl phthalate	ND		2.16	1.32		mg/kg dry	☼	61	30 - 120
4,6-Dinitro-2-methylphenol	ND		2.16	0.867		mg/kg dry	☼	40	10 - 134
2,4-Dinitrophenol	ND		2.16	0.561		mg/kg dry	☼	26	10 - 150
2,6-Dinitrotoluene	ND		2.16	1.19		mg/kg dry	☼	55	24 - 120
2,4-Dinitrotoluene	ND		2.16	1.16		mg/kg dry	☼	54	24 - 121
Di-n-octyl phthalate	ND		2.16	1.52		mg/kg dry	☼	71	27 - 130
Bis(2-ethylhexyl)phthalate	ND		2.16	1.79		mg/kg dry	☼	83	26 - 120
Fluoranthene	1.21		2.16	9.65	M7	mg/kg dry	☼	392	10 - 143
Fluorene	0.690		2.16	2.43		mg/kg dry	☼	81	20 - 120
Hexachlorobenzene	ND		2.16	1.70		mg/kg dry	☼	79	25 - 120
Hexachlorobutadiene	ND		2.16	1.89		mg/kg dry	☼	88	10 - 120
Hexachlorocyclopentadiene	ND		2.16	0.401	J	mg/kg dry	☼	19	10 - 120
Hexachloroethane	ND		2.16	1.39		mg/kg dry	☼	65	10 - 120
Indeno (1,2,3-cd) pyrene	0.387		2.16	3.23	M7	mg/kg dry	☼	132	22 - 121
Isophorone	ND		2.16	1.11		mg/kg dry	☼	51	24 - 120
2-Methylnaphthalene	0.194		2.16	1.69		mg/kg dry	☼	69	13 - 120
2-Methylphenol	ND		2.16	1.12		mg/kg dry	☼	52	23 - 120
Naphthalene	0.223		2.16	1.70		mg/kg dry	☼	68	10 - 120
2-Nitroaniline	ND		2.16	1.43		mg/kg dry	☼	66	31 - 120
3-Nitroaniline	ND		2.16	1.28		mg/kg dry	☼	59	31 - 120
4-Nitroaniline	ND		2.16	1.35		mg/kg dry	☼	62	28 - 120
Nitrobenzene	ND		2.16	1.14		mg/kg dry	☼	53	19 - 120
2-Nitrophenol	ND		2.16	1.54		mg/kg dry	☼	72	23 - 120
4-Nitrophenol	ND		2.16	1.12		mg/kg dry	☼	52	16 - 139
N-Nitrosodiphenylamine	ND		2.16	1.79		mg/kg dry	☼	83	26 - 150
N-Nitrosodi-n-propylamine	ND		2.16	1.42		mg/kg dry	☼	66	24 - 120
Pentachlorophenol	ND		2.16	1.34		mg/kg dry	☼	62	19 - 145
Phenanthrene	1.30		2.16	7.55	M7	mg/kg dry	☼	290	21 - 122
Phenol	ND		2.16	1.30		mg/kg dry	☼	60	15 - 120
Pyrene	1.12		2.16	8.88	M7	mg/kg dry	☼	360	20 - 123
2,4,5-Trichlorophenol	ND		2.16	1.19		mg/kg dry	☼	55	27 - 120
2,4,6-Trichlorophenol	ND		2.16	1.53		mg/kg dry	☼	71	24 - 122

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
2-Fluorophenol	48		17 - 120
Phenol-d5	52		18 - 120
2-Fluorobiphenyl	58		14 - 120
Nitrobenzene-d5	54		17 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D3223-MS1

Matrix: Soil

Analysis Batch: 12D3223

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D3223_P

Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits
Terphenyl-d14	79		18 - 120
2,4,6-Tribromophenol	57		19 - 120

Lab Sample ID: 12D3223-MSD1

Matrix: Soil

Analysis Batch: 12D3223

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D3223_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	0.665		2.15	1.92		mg/kg dry	☼	58	19 - 120	16	50
Acenaphthylene	ND		2.15	1.32		mg/kg dry	☼	61	25 - 120	9	50
Acetophenone	ND		2.15	1.05		mg/kg dry	☼	49	10 - 200	12	50
Anthracene	0.295		2.15	1.82	R2	mg/kg dry	☼	71	28 - 125	66	49
Benzo (a) anthracene	0.627		2.15	2.50	R2	mg/kg dry	☼	87	23 - 120	83	50
Benzo (b) fluoranthene	0.790		2.15	2.59	R2	mg/kg dry	☼	84	12 - 133	69	50
Benzo (a) pyrene	0.682		2.15	2.56	R2	mg/kg dry	☼	87	15 - 128	71	50
Benzo (g,h,i) perylene	0.412		2.15	1.89	R2	mg/kg dry	☼	69	22 - 120	53	50
Benzo (k) fluoranthene	0.413		2.15	2.11	R2	mg/kg dry	☼	79	28 - 120	52	45
4-Bromophenyl phenyl ether	ND		2.15	1.51		mg/kg dry	☼	70	31 - 120	9	37
Butyl benzyl phthalate	ND		2.15	1.48		mg/kg dry	☼	69	24 - 133	10	50
4-Chloro-3-methylphenol	ND		2.15	1.33		mg/kg dry	☼	62	21 - 120	11	49
4-Chloroaniline	ND		2.15	1.22		mg/kg dry	☼	57	26 - 120	5	50
Carbazole	ND		2.15	1.43		mg/kg dry	☼	67	25 - 123	23	46
2-Chloronaphthalene	ND		2.15	1.10		mg/kg dry	☼	51	24 - 120	5	50
Bis(2-chloroethoxy)methane	ND		2.15	1.27		mg/kg dry	☼	59	24 - 120	9	50
Bis(2-chloroethyl)ether	ND		2.15	1.15		mg/kg dry	☼	54	22 - 120	14	50
Bis(2-chloroisopropyl)ether	ND		2.15	1.26		mg/kg dry	☼	59	20 - 120	14	50
2-Chlorophenol	ND		2.15	1.25		mg/kg dry	☼	58	25 - 120	13	50
4-Chlorophenyl phenyl ether	ND		2.15	1.42		mg/kg dry	☼	66	26 - 120	5	50
Chrysene	0.649		2.15	2.52	R2	mg/kg dry	☼	87	20 - 120	71	49
Dibenz (a,h) anthracene	ND		2.15	1.56		mg/kg dry	☼	72	12 - 128	39	50
Dibenzofuran	0.329		2.15	1.54		mg/kg dry	☼	56	21 - 120	11	50
Di-n-butyl phthalate	ND		2.15	1.37		mg/kg dry	☼	64	29 - 126	7	49
3,3-Dichlorobenzidine	ND		2.15	0.772	J	mg/kg dry	☼	36	10 - 120	20	50
2,4-Dichlorophenol	ND		2.15	1.41		mg/kg dry	☼	66	17 - 120	11	50
Diethyl phthalate	ND		2.15	1.30		mg/kg dry	☼	60	29 - 122	5	45
2,4-Dimethylphenol	ND		2.15	1.33		mg/kg dry	☼	62	17 - 120	10	50
Dimethyl phthalate	ND		2.15	1.26		mg/kg dry	☼	59	30 - 120	5	46
4,6-Dinitro-2-methylphenol	ND		2.15	0.250	R J	mg/kg dry	☼	12	10 - 134	111	50
2,4-Dinitrophenol	ND		2.15	0.247	R J	mg/kg dry	☼	12	10 - 150	78	50
2,6-Dinitrotoluene	ND		2.15	1.06		mg/kg dry	☼	50	24 - 120	11	50
2,4-Dinitrotoluene	ND		2.15	1.04		mg/kg dry	☼	48	24 - 121	11	50
Di-n-octyl phthalate	ND		2.15	1.55		mg/kg dry	☼	72	27 - 130	2	50
Bis(2-ethylhexyl)phthalate	ND		2.15	1.61		mg/kg dry	☼	75	26 - 120	10	50
Fluoranthene	1.21		2.15	3.37	R2	mg/kg dry	☼	101	10 - 143	96	50
Fluorene	0.690		2.15	1.92		mg/kg dry	☼	57	20 - 120	23	50
Hexachlorobenzene	ND		2.15	1.62		mg/kg dry	☼	75	25 - 120	5	50
Hexachlorobutadiene	ND		2.15	1.66		mg/kg dry	☼	77	10 - 120	13	50
Hexachlorocyclopentadiene	ND		2.15	0.307	J	mg/kg dry	☼	14	10 - 120	26	50
Hexachloroethane	ND		2.15	1.17		mg/kg dry	☼	54	10 - 120	18	50

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8270C - Semivolatile Organic Compounds by EPA Method 8270C (Continued)

Lab Sample ID: 12D3223-MSD1

Matrix: Soil

Analysis Batch: 12D3223

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D3223_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Indeno (1,2,3-cd) pyrene	0.387		2.15	1.85	R2	mg/kg dry	✱	68	22 - 121	54	50
Isophorone	ND		2.15	0.994		mg/kg dry	✱	46	24 - 120	11	50
2-Methylnaphthalene	0.194		2.15	1.48		mg/kg dry	✱	60	13 - 120	14	50
2-Methylphenol	ND		2.15	0.983		mg/kg dry	✱	46	23 - 120	13	50
Naphthalene	0.223		2.15	1.55		mg/kg dry	✱	62	10 - 120	9	50
2-Nitroaniline	ND		2.15	1.41		mg/kg dry	✱	66	31 - 120	0.9	50
3-Nitroaniline	ND		2.15	1.30		mg/kg dry	✱	60	31 - 120	2	49
4-Nitroaniline	ND		2.15	1.38		mg/kg dry	✱	64	28 - 120	2	49
Nitrobenzene	ND		2.15	1.04		mg/kg dry	✱	49	19 - 120	9	50
2-Nitrophenol	ND		2.15	1.31		mg/kg dry	✱	61	23 - 120	16	50
4-Nitrophenol	ND		2.15	1.09		mg/kg dry	✱	51	16 - 139	3	45
N-Nitrosodiphenylamine	ND		2.15	1.68		mg/kg dry	✱	78	26 - 150	6	50
N-Nitrosodi-n-propylamine	ND		2.15	1.32		mg/kg dry	✱	62	24 - 120	7	50
Pentachlorophenol	ND		2.15	1.35		mg/kg dry	✱	63	19 - 145	1	50
Phenanthrene	1.30		2.15	3.19	R2	mg/kg dry	✱	88	21 - 122	81	50
Phenol	ND		2.15	1.12		mg/kg dry	✱	52	15 - 120	15	50
Pyrene	1.12		2.15	3.36	R2	mg/kg dry	✱	104	20 - 123	90	50
2,4,5-Trichlorophenol	ND		2.15	1.11		mg/kg dry	✱	52	27 - 120	7	50
2,4,6-Trichlorophenol	ND		2.15	1.43		mg/kg dry	✱	67	24 - 122	7	50

Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits
2-Fluorophenol	44		17 - 120
Phenol-d5	44		18 - 120
2-Fluorobiphenyl	50		14 - 120
Nitrobenzene-d5	50		17 - 120
Terphenyl-d14	69		18 - 120
2,4,6-Tribromophenol	53		19 - 120

Method: SW846 8015B - Glycols by EPA Method 8015 (modified)

Lab Sample ID: 12D1758-BLK1

Matrix: Soil

Analysis Batch: V005877

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1758_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Glycol	ND		10.0	5.00	mg/kg wet		04/10/12 15:30	04/10/12 17:55	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
n-Butanol	81		60 - 140				04/10/12 15:30	04/10/12 17:55	1.00

Lab Sample ID: 12D1758-BS1

Matrix: Soil

Analysis Batch: V005877

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1758_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Glycol	50.0	45.0		mg/kg wet		90	70 - 130

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8015B - Glycols by EPA Method 8015 (modified) (Continued)

Lab Sample ID: 12D1758-BS1
Matrix: Soil
Analysis Batch: V005877

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12D1758_P

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
n-Butanol	103		70 - 130

Lab Sample ID: 12D1758-MS1
Matrix: Soil
Analysis Batch: V005877

Client Sample ID: TP-10-SO-040912-06
Prep Type: Total
Prep Batch: 12D1758_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Ethylene Glycol	ND		62.0	56.8		mg/kg dry	☼	92	55 - 132
Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits						
n-Butanol	77		58 - 130						

Lab Sample ID: 12D1758-MSD1
Matrix: Soil
Analysis Batch: V005877

Client Sample ID: TP-10-SO-040912-06
Prep Type: Total
Prep Batch: 12D1758_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Ethylene Glycol	ND		62.0	58.8		mg/kg dry	☼	95	55 - 132	3	36
Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits								
n-Butanol	92		58 - 130								

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082

Lab Sample ID: 12D1746-BLK1
Matrix: Soil
Analysis Batch: V006066

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12D1746_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0333	0.0210	mg/kg wet		04/12/12 07:52	04/13/12 11:14	1.00
PCB-1221	ND		0.0333	0.0170	mg/kg wet		04/12/12 07:52	04/13/12 11:14	1.00
PCB-1232	ND		0.0333	0.0170	mg/kg wet		04/12/12 07:52	04/13/12 11:14	1.00
PCB-1242	ND		0.0333	0.0260	mg/kg wet		04/12/12 07:52	04/13/12 11:14	1.00
PCB-1248	ND		0.0333	0.0300	mg/kg wet		04/12/12 07:52	04/13/12 11:14	1.00
PCB-1254	ND		0.0333	0.0170	mg/kg wet		04/12/12 07:52	04/13/12 11:14	1.00
PCB-1260	ND		0.0333	0.0280	mg/kg wet		04/12/12 07:52	04/13/12 11:14	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac			
Tetrachloro-meta-xylene	86		19 - 147	04/12/12 07:52	04/13/12 11:14	1.00			
Decachlorobiphenyl	116		20 - 150	04/12/12 07:52	04/13/12 11:14	1.00			

Lab Sample ID: 12D1746-BS1
Matrix: Soil
Analysis Batch: V006066

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12D1746_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1260	0.167	0.175		mg/kg wet		105	52 - 150

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Lab Sample ID: 12D1746-BS1

Matrix: Soil

Analysis Batch: V006066

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1746_P

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
Tetrachloro-meta-xylene	92		19 - 147
Decachlorobiphenyl	124		20 - 150

Lab Sample ID: 12D1746-MS1

Matrix: Soil

Analysis Batch: V006066

Client Sample ID: TP-10-SO-040912-06

Prep Type: Total

Prep Batch: 12D1746_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
PCB-1260	ND		0.204	0.195		mg/kg dry	☼	96	37 - 159
Surrogate	Matrix Spike %Recovery	Matrix Spike Qualifier	Limits						
Tetrachloro-meta-xylene	64		19 - 147						
Decachlorobiphenyl	94		20 - 150						

Lab Sample ID: 12D1746-MSD1

Matrix: Soil

Analysis Batch: V006066

Client Sample ID: TP-10-SO-040912-06

Prep Type: Total

Prep Batch: 12D1746_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	Limit
PCB-1260	ND		0.205	0.210		mg/kg dry	☼	103	37 - 159	7	37
Surrogate	Matrix Spike Dup %Recovery	Matrix Spike Dup Qualifier	Limits								
Tetrachloro-meta-xylene	84		19 - 147								
Decachlorobiphenyl	116		20 - 150								

Lab Sample ID: 12D3480-BLK1

Matrix: Soil

Analysis Batch: V006449

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D3480_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.0333	0.0210	mg/kg wet		04/18/12 12:11	04/19/12 23:10	1.00
PCB-1221	ND		0.0333	0.0170	mg/kg wet		04/18/12 12:11	04/19/12 23:10	1.00
PCB-1232	ND		0.0333	0.0170	mg/kg wet		04/18/12 12:11	04/19/12 23:10	1.00
PCB-1242	ND		0.0333	0.0260	mg/kg wet		04/18/12 12:11	04/19/12 23:10	1.00
PCB-1248	ND		0.0333	0.0300	mg/kg wet		04/18/12 12:11	04/19/12 23:10	1.00
PCB-1254	ND		0.0333	0.0170	mg/kg wet		04/18/12 12:11	04/19/12 23:10	1.00
PCB-1260	ND		0.0333	0.0280	mg/kg wet		04/18/12 12:11	04/19/12 23:10	1.00
Surrogate	Blank %Recovery	Blank Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-meta-xylene	96		19 - 147				04/18/12 12:11	04/19/12 23:10	1.00
Decachlorobiphenyl	124		20 - 150				04/18/12 12:11	04/19/12 23:10	1.00

Lab Sample ID: 12D3480-BS1

Matrix: Soil

Analysis Batch: V006449

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D3480_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1260	0.167	0.180	MNR	mg/kg wet		108	52 - 150

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 8082 - Polychlorinated Biphenyls by EPA Method 8082 (Continued)

Lab Sample ID: 12D3480-BS1

Matrix: Soil

Analysis Batch: V006449

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D3480_P

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-meta-xylene	102		19 - 147
Decachlorobiphenyl	128		20 - 150

Method: SW846 6010B - Total Metals by EPA Method 6010B

Lab Sample ID: 12D1752-BLK1

Matrix: Soil

Analysis Batch: 12D1752

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1752_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.1	0.778	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Arsenic	ND		1.01	0.505	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Barium	ND		2.02	0.606	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Beryllium	ND		1.01	0.505	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Cadmium	ND		1.01	0.0606	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Chromium	ND		1.01	0.505	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Cobalt	ND		3.03	0.253	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Copper	ND		2.02	1.31	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Lead	ND		1.01	0.505	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Manganese	ND		3.03	2.53	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Nickel	ND		2.02	0.253	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Selenium	ND		2.02	1.01	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Silver	ND		1.01	0.202	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Thallium	ND		2.02	0.404	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Vanadium	ND		10.1	2.25	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00
Zinc	ND		10.1	5.05	mg/kg wet		04/12/12 11:13	04/16/12 17:24	1.00

Lab Sample ID: 12D1752-BS1

Matrix: Soil

Analysis Batch: 12D1752

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D1752_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	40.4	40.5		mg/kg wet		100	80 - 120
Arsenic	20.2	18.5		mg/kg wet		91	80 - 120
Barium	808	765		mg/kg wet		95	80 - 120
Beryllium	20.2	20.2		mg/kg wet		100	80 - 120
Cadmium	20.2	20.6		mg/kg wet		102	80 - 120
Chromium	80.8	79.4		mg/kg wet		98	80 - 120
Cobalt	202	209		mg/kg wet		103	80 - 120
Copper	101	104		mg/kg wet		103	80 - 120
Lead	20.2	20.7		mg/kg wet		103	80 - 120
Manganese	202	206		mg/kg wet		102	80 - 120
Nickel	202	206		mg/kg wet		102	80 - 120
Selenium	20.2	17.9		mg/kg wet		88	80 - 120
Silver	20.2	19.5		mg/kg wet		97	75 - 125
Thallium	20.2	17.2		mg/kg wet		85	80 - 120
Vanadium	202	204		mg/kg wet		101	80 - 120
Zinc	202	201		mg/kg wet		99	80 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Lab Sample ID: 12D1752-MS1

Matrix: Soil

Analysis Batch: 12D1752

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D1752_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Antimony	20.2		50.5	64.2		mg/kg dry	☼	87	75 - 125
Arsenic	11.3		25.2	32.6		mg/kg dry	☼	84	75 - 125
Barium	878		1010	1910		mg/kg dry	☼	103	75 - 125
Beryllium	0.646		25.2	24.5		mg/kg dry	☼	95	75 - 125
Cadmium	5.56		25.2	29.1		mg/kg dry	☼	93	75 - 125
Chromium	49.5		101	170		mg/kg dry	☼	120	75 - 125
Cobalt	12.6		252	269		mg/kg dry	☼	101	75 - 125
Copper	38.8		126	153		mg/kg dry	☼	91	75 - 125
Lead	564		25.2	692	MHA	mg/kg dry	☼	509	75 - 125
Manganese	1170		252	862	M8	mg/kg dry	☼	-123	75 - 125
Nickel	36.4		252	282		mg/kg dry	☼	97	75 - 125
Selenium	2.25		25.2	24.5		mg/kg dry	☼	88	75 - 125
Silver	0.284		25.2	24.9		mg/kg dry	☼	97	75 - 125
Thallium	ND		25.2	18.9		mg/kg dry	☼	75	75 - 125
Vanadium	30.0		252	272		mg/kg dry	☼	96	75 - 125
Zinc	319		252	619		mg/kg dry	☼	119	75 - 125

Lab Sample ID: 12D1752-MS2

Matrix: Soil

Analysis Batch: 12D1752

Client Sample ID: TP-10-SO-040912-06

Prep Type: Total

Prep Batch: 12D1752_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Antimony	ND		49.6	46.6		mg/kg dry	☼	94	75 - 125
Arsenic	7.47		24.8	28.1		mg/kg dry	☼	83	75 - 125
Barium	144		992	1030		mg/kg dry	☼	89	75 - 125
Beryllium	0.925	J	24.8	24.6		mg/kg dry	☼	95	75 - 125
Cadmium	0.400	J	24.8	23.3		mg/kg dry	☼	92	75 - 125
Chromium	16.5		99.2	112		mg/kg dry	☼	97	75 - 125
Cobalt	9.95		248	271		mg/kg dry	☼	105	75 - 125
Copper	18.9		124	137		mg/kg dry	☼	95	75 - 125
Lead	16.5		24.8	35.7		mg/kg dry	☼	77	75 - 125
Manganese	836		248	1030		mg/kg dry	☼	79	75 - 125
Nickel	27.9		248	289		mg/kg dry	☼	105	75 - 125
Selenium	1.50	J	24.8	22.5		mg/kg dry	☼	85	75 - 125
Silver	ND		24.8	23.1		mg/kg dry	☼	93	75 - 125
Thallium	ND		24.8	21.2		mg/kg dry	☼	85	75 - 125
Vanadium	23.0		248	263		mg/kg dry	☼	97	75 - 125
Zinc	69.0		248	303		mg/kg dry	☼	94	75 - 125

Lab Sample ID: 12D1752-MSD1

Matrix: Soil

Analysis Batch: 12D1752

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1752_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Antimony	20.2		52.0	62.3		mg/kg dry	☼	81	75 - 125	3	20
Arsenic	11.3		26.0	32.0		mg/kg dry	☼	80	75 - 125	2	20
Barium	878		1040	3050	M7 R3	mg/kg dry	☼	208	75 - 125	46	20
Beryllium	0.646		26.0	25.5		mg/kg dry	☼	95	75 - 125	4	20
Cadmium	5.56		26.0	28.7		mg/kg dry	☼	89	75 - 125	1	20
Chromium	49.5		104	140		mg/kg dry	☼	87	75 - 125	20	20

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Lab Sample ID: 12D1752-MSD1

Matrix: Soil

Analysis Batch: 12D1752

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D1752_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Cobalt	12.6		260	276		mg/kg dry	✱	101	75 - 125	3	20
Copper	38.8		130	165		mg/kg dry	✱	97	75 - 125	7	20
Lead	564		26.0	477	MHA R3	mg/kg dry	✱	-334	75 - 125	37	20
Manganese	1170		260	906	M8	mg/kg dry	✱	-102	75 - 125	5	20
Nickel	36.4		260	292		mg/kg dry	✱	98	75 - 125	3	20
Selenium	2.25		26.0	26.0		mg/kg dry	✱	91	75 - 125	6	20
Silver	0.284		26.0	25.5		mg/kg dry	✱	97	75 - 125	2	20
Thallium	ND		26.0	20.6		mg/kg dry	✱	79	75 - 125	9	20
Vanadium	30.0		260	275		mg/kg dry	✱	94	75 - 125	1	20
Zinc	319		260	552		mg/kg dry	✱	89	75 - 125	11	20

Lab Sample ID: 12D1752-MSD2

Matrix: Soil

Analysis Batch: 12D1752

Client Sample ID: TP-10-SO-040912-06

Prep Type: Total

Prep Batch: 12D1752_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Antimony	ND		48.8	44.5		mg/kg dry	✱	91	75 - 125	5	20
Arsenic	7.47		24.4	29.3		mg/kg dry	✱	90	75 - 125	4	20
Barium	144		976	1010		mg/kg dry	✱	88	75 - 125	2	20
Beryllium	0.925	J	24.4	23.5		mg/kg dry	✱	92	75 - 125	5	20
Cadmium	0.400	J	24.4	22.5		mg/kg dry	✱	91	75 - 125	3	20
Chromium	16.5		97.6	108		mg/kg dry	✱	94	75 - 125	4	20
Cobalt	9.95		244	262		mg/kg dry	✱	103	75 - 125	3	20
Copper	18.9		122	132		mg/kg dry	✱	92	75 - 125	4	20
Lead	16.5		24.4	41.3		mg/kg dry	✱	102	75 - 125	15	20
Manganese	836		244	1050		mg/kg dry	✱	87	75 - 125	1	20
Nickel	27.9		244	282		mg/kg dry	✱	104	75 - 125	3	20
Selenium	1.50	J	24.4	21.5		mg/kg dry	✱	82	75 - 125	4	20
Silver	ND		24.4	22.3		mg/kg dry	✱	92	75 - 125	3	20
Thallium	ND		24.4	19.6		mg/kg dry	✱	81	75 - 125	7	20
Vanadium	23.0		244	257		mg/kg dry	✱	96	75 - 125	2	20
Zinc	69.0		244	294		mg/kg dry	✱	92	75 - 125	3	20

Lab Sample ID: 12D4576-BLK1

Matrix: Soil

Analysis Batch: 12D4576

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D4576_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.1	0.775	mg/kg wet		04/24/12 14:58	04/26/12 07:21	1.00
Arsenic	ND		1.01	0.503	mg/kg wet		04/24/12 14:58	04/26/12 07:21	1.00
Barium	ND		2.01	0.604	mg/kg wet		04/24/12 14:58	04/26/12 07:21	1.00
Beryllium	ND		1.01	0.503	mg/kg wet		04/24/12 14:58	04/26/12 07:21	1.00
Cadmium	ND		1.01	0.0604	mg/kg wet		04/24/12 14:58	04/26/12 07:21	1.00
Chromium	ND		1.01	0.503	mg/kg wet		04/24/12 14:58	04/26/12 07:21	1.00
Cobalt	ND		3.02	0.252	mg/kg wet		04/24/12 14:58	04/26/12 07:21	1.00
Copper	ND		2.01	1.31	mg/kg wet		04/24/12 14:58	04/26/12 07:21	1.00
Lead	ND		1.01	0.503	mg/kg wet		04/24/12 14:58	04/26/12 07:21	1.00
Manganese	ND		3.02	2.52	mg/kg wet		04/24/12 14:58	04/26/12 07:21	1.00
Nickel	ND		2.01	0.252	mg/kg wet		04/24/12 14:58	04/26/12 07:21	1.00
Selenium	ND		2.01	1.01	mg/kg wet		04/24/12 14:58	04/26/12 07:21	1.00

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Lab Sample ID: 12D4576-BLK1

Matrix: Soil

Analysis Batch: 12D4576

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D4576_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.01	0.201	mg/kg wet		04/24/12 14:58	04/26/12 07:21	1.00
Thallium	ND		2.01	0.402	mg/kg wet		04/24/12 14:58	04/26/12 07:21	1.00
Vanadium	ND		10.1	2.24	mg/kg wet		04/24/12 14:58	04/26/12 07:21	1.00
Zinc	ND		10.1	5.03	mg/kg wet		04/24/12 14:58	04/26/12 07:21	1.00

Lab Sample ID: 12D4576-BS1

Matrix: Soil

Analysis Batch: 12D4576

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D4576_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	39.8	38.1		mg/kg wet		96	80 - 120
Arsenic	19.9	19.1		mg/kg wet		96	80 - 120
Barium	797	812		mg/kg wet		102	80 - 120
Beryllium	19.9	19.2		mg/kg wet		97	80 - 120
Cadmium	19.9	19.7		mg/kg wet		99	80 - 120
Chromium	79.7	76.9		mg/kg wet		97	80 - 120
Cobalt	199	194		mg/kg wet		97	80 - 120
Copper	99.6	94.7		mg/kg wet		95	80 - 120
Lead	19.9	20.5		mg/kg wet		103	80 - 120
Manganese	199	197		mg/kg wet		99	80 - 120
Nickel	199	197		mg/kg wet		99	80 - 120
Selenium	19.9	18.6		mg/kg wet		94	80 - 120
Silver	19.9	19.0		mg/kg wet		95	75 - 125
Thallium	19.9	18.8		mg/kg wet		95	80 - 120
Vanadium	199	194		mg/kg wet		97	80 - 120
Zinc	199	185		mg/kg wet		93	80 - 120

Lab Sample ID: 12D4576-BSD1

Matrix: Soil

Analysis Batch: 12D4576

Client Sample ID: Lab Control Sample Dup

Prep Type: Total

Prep Batch: 12D4576_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	39.8	40.1		mg/kg wet		101	80 - 120	5	20
Arsenic	19.9	19.8		mg/kg wet		100	80 - 120	4	20
Barium	797	836		mg/kg wet		105	80 - 120	3	20
Beryllium	19.9	20.2		mg/kg wet		101	80 - 120	5	20
Cadmium	19.9	20.6		mg/kg wet		103	80 - 120	4	20
Chromium	79.7	79.8		mg/kg wet		100	80 - 120	4	20
Cobalt	199	201		mg/kg wet		101	80 - 120	4	20
Copper	99.6	98.3		mg/kg wet		99	80 - 120	4	20
Lead	19.9	21.1		mg/kg wet		106	80 - 120	3	20
Manganese	199	205		mg/kg wet		103	80 - 120	4	20
Nickel	199	204		mg/kg wet		102	80 - 120	3	20
Selenium	19.9	20.5		mg/kg wet		103	80 - 120	10	20
Silver	19.9	19.7		mg/kg wet		99	75 - 125	4	20
Thallium	19.9	20.7		mg/kg wet		104	80 - 120	9	20
Vanadium	199	202		mg/kg wet		101	80 - 120	4	20
Zinc	199	197		mg/kg wet		99	80 - 120	6	20

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 6010B - Total Metals by EPA Method 6010B (Continued)

Lab Sample ID: 12D4576-MS1

Matrix: Soil

Analysis Batch: 12D4576

Client Sample ID: Dumpster

Prep Type: Total

Prep Batch: 12D4576_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	3.73	J	46.1	44.2		mg/kg dry	☼	88	75 - 125
Arsenic	6.34		23.0	31.5		mg/kg dry	☼	109	75 - 125
Barium	297		921	1130		mg/kg dry	☼	90	75 - 125
Beryllium	0.656	J	23.0	23.0		mg/kg dry	☼	97	75 - 125
Cadmium	1.27		23.0	23.7		mg/kg dry	☼	98	75 - 125
Chromium	25.3		92.1	120		mg/kg dry	☼	102	75 - 125
Cobalt	8.46		230	246		mg/kg dry	☼	103	75 - 125
Copper	24.6		115	128		mg/kg dry	☼	89	75 - 125
Lead	179	M8	23.0	108	M8	mg/kg dry	☼	-308	75 - 125
Manganese	657		230	846		mg/kg dry	☼	82	75 - 125
Nickel	21.1		230	265		mg/kg dry	☼	106	75 - 125
Selenium	ND		23.0	22.2		mg/kg dry	☼	96	75 - 125
Silver	ND		23.0	22.1		mg/kg dry	☼	96	75 - 125
Thallium	ND		23.0	24.0		mg/kg dry	☼	104	75 - 125
Vanadium	17.7		230	252		mg/kg dry	☼	102	75 - 125
Zinc	109	M7	230	407	M7	mg/kg dry	☼	129	75 - 125

Lab Sample ID: 12D4576-MSD1

Matrix: Soil

Analysis Batch: 12D4576

Client Sample ID: Dumpster

Prep Type: Total

Prep Batch: 12D4576_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	3.73	J	45.4	43.6		mg/kg dry	☼	88	75 - 125	1	20
Arsenic	6.34		22.7	29.4		mg/kg dry	☼	102	75 - 125	7	20
Barium	297		909	1110		mg/kg dry	☼	90	75 - 125	1	20
Beryllium	0.656	J	22.7	22.7		mg/kg dry	☼	97	75 - 125	1	20
Cadmium	1.27		22.7	25.2		mg/kg dry	☼	105	75 - 125	6	20
Chromium	25.3		90.9	107		mg/kg dry	☼	90	75 - 125	11	20
Cobalt	8.46		227	241		mg/kg dry	☼	103	75 - 125	2	20
Copper	24.6		114	126		mg/kg dry	☼	90	75 - 125	0.9	20
Lead	179	M8	22.7	106	M8	mg/kg dry	☼	-322	75 - 125	2	20
Manganese	657		227	831		mg/kg dry	☼	77	75 - 125	2	20
Nickel	21.1		227	263		mg/kg dry	☼	106	75 - 125	0.9	20
Selenium	ND		22.7	22.7		mg/kg dry	☼	100	75 - 125	2	20
Silver	ND		22.7	21.9		mg/kg dry	☼	96	75 - 125	0.8	20
Thallium	ND		22.7	23.2		mg/kg dry	☼	102	75 - 125	4	20
Vanadium	17.7		227	245		mg/kg dry	☼	100	75 - 125	3	20
Zinc	109	M7	227	318	M7	mg/kg dry	☼	92	75 - 125	25	20

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A

Lab Sample ID: 12D1939-BLK1

Matrix: Soil

Analysis Batch: 12D1939

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D1939_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.098	0.024	mg/kg wet		04/11/12 13:45	04/12/12 10:16	1.0

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 7471A - Mercury by EPA Methods 7470A/7471A (Continued)

Lab Sample ID: 12D1939-BS1
Matrix: Soil
Analysis Batch: 12D1939

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12D1939_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.166	0.16		mg/kg wet		97	80 - 120

Lab Sample ID: 12D1939-MS1
Matrix: Soil
Analysis Batch: 12D1939

Client Sample ID: TP-10-SO-040912-06
Prep Type: Total
Prep Batch: 12D1939_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.047	J	0.202	0.24		mg/kg dry	☼	96	75 - 125

Lab Sample ID: 12D1939-MSD1
Matrix: Soil
Analysis Batch: 12D1939

Client Sample ID: TP-10-SO-040912-06
Prep Type: Total
Prep Batch: 12D1939_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.047	J	0.207	0.23		mg/kg dry	☼	91	75 - 125	3	20

Lab Sample ID: 12D3699-BLK1
Matrix: Soil
Analysis Batch: 12D3699

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12D3699_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.099	0.025	mg/kg wet		04/24/12 17:55	04/25/12 11:49	1.0

Lab Sample ID: 12D3699-BS1
Matrix: Soil
Analysis Batch: 12D3699

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12D3699_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.163	0.19		mg/kg wet		115	80 - 120

Lab Sample ID: 12D3699-BSD1
Matrix: Soil
Analysis Batch: 12D3699

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 12D3699_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.160	0.17		mg/kg wet		103	80 - 120	12	20

Lab Sample ID: 12D3699-MS1
Matrix: Soil
Analysis Batch: 12D3699

Client Sample ID: Dumpster
Prep Type: Total
Prep Batch: 12D3699_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.062	J	0.188	0.27		mg/kg dry	☼	111	75 - 125

Lab Sample ID: 12D3699-MSD1
Matrix: Soil
Analysis Batch: 12D3699

Client Sample ID: Dumpster
Prep Type: Total
Prep Batch: 12D3699_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.062	J	0.187	0.26		mg/kg dry	☼	107	75 - 125	3	20

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 7196A - General Chemistry Parameters

Lab Sample ID: 12D2887-BLK1

Matrix: Soil

Analysis Batch: 12D2887

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D2887_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium (VI)	ND		2.00	1.00	mg/kg wet		04/16/12 15:30	04/17/12 11:30	1.00

Lab Sample ID: 12D2887-BS1

Matrix: Soil

Analysis Batch: 12D2887

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D2887_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	40.0	42.4		mg/kg wet		106	80 - 120

Lab Sample ID: 12D2887-MS1

Matrix: Soil

Analysis Batch: 12D2887

Client Sample ID: TP-10-SO-040912-06

Prep Type: Total

Prep Batch: 12D2887_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium (VI)	2.06	J	49.6	54.4		mg/kg dry	☼	106	75 - 125

Lab Sample ID: 12D2887-MSD1

Matrix: Soil

Analysis Batch: 12D2887

Client Sample ID: TP-10-SO-040912-06

Prep Type: Total

Prep Batch: 12D2887_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium (VI)	2.06	J	49.6	54.0		mg/kg dry	☼	105	75 - 125	0.8	20

Lab Sample ID: 12D2887-DUP1

Matrix: Soil

Analysis Batch: 12D2887

Client Sample ID: TP-51-SO-040912-11

Prep Type: Total

Prep Batch: 12D2887_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium (VI)	1.62	J	1.62	J	mg/kg dry	☼			0	20

Method: SW846 9012B - General Chemistry Parameters

Lab Sample ID: 12D2858-BLK1

Matrix: Soil

Analysis Batch: 12D2858

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 12D2858_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide	ND		2.00	1.00	mg/kg wet		04/14/12 09:04	04/19/12 06:43	1.00

Lab Sample ID: 12D2858-BS1

Matrix: Soil

Analysis Batch: 12D2858

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 12D2858_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	5.00	5.30		mg/kg wet		106	80 - 120

QC Sample Results

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method: SW846 9012B - General Chemistry Parameters (Continued)

Lab Sample ID: 12D2858-MS1

Matrix: Soil

Analysis Batch: 12D2858

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 12D2858_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide	ND		6.25	6.97		mg/kg dry	✱	112	71 - 132

Lab Sample ID: 12D2858-MSD1

Matrix: Soil

Analysis Batch: 12D2858

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total

Prep Batch: 12D2858_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide	ND		6.25	6.77		mg/kg dry	✱	108	71 - 132	3	19

Lab Sample ID: 12D2858-DUP1

Matrix: Soil

Analysis Batch: 12D2858

Client Sample ID: Duplicate

Prep Type: Total

Prep Batch: 12D2858_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
Cyanide	ND		ND		mg/kg wet			19

Method: SW-846 - General Chemistry Parameters

Lab Sample ID: 12D1952-DUP1

Matrix: Soil

Analysis Batch: 12D1952

Client Sample ID: TP-10-SO-040912-06

Prep Type: Total

Prep Batch: 12D1952_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
% Dry Solids	80.7		80.9		%		0.3	20

Lab Sample ID: 12D3911-DUP1

Matrix: Soil

Analysis Batch: 12D3911

Client Sample ID: Duplicate

Prep Type: Total

Prep Batch: 12D3911_P

Analyte	Sample Result	Sample Qualifier	Duplicate Result	Duplicate Qualifier	Unit	D	RPD	RPD Limit
% Dry Solids	93.6		93.6		%		0.05	20

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

GCMS Volatiles

Analysis Batch: V006008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1405-BLK1	Method Blank	Total	Water	SW846 8260B	12D1405_P
12D1405-BS1	Lab Control Sample	Total	Water	SW846 8260B	12D1405_P
12D1405-BSD1	Lab Control Sample Dup	Total	Water	SW846 8260B	12D1405_P
12D1405-MS1	Matrix Spike	Total	Water	SW846 8260B	12D1405_P
12D1405-MSD1	Matrix Spike Duplicate	Total	Water	SW846 8260B	12D1405_P
NWD0929-10	Trip Blank	Total	Water	SW846 8260B	12D1405_P

Analysis Batch: V006310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1754-BLK1	Method Blank	Total	Soil	SW846 8260B	12D1754_P
12D1754-BLK2	Method Blank	Total	Soil	SW846 8260B	12D1754_P
12D1754-BS1	Lab Control Sample	Total	Soil	SW846 8260B	12D1754_P
12D1754-BSD1	Lab Control Sample Dup	Total	Soil	SW846 8260B	12D1754_P
12D1754-MS1	TP-10-SO-040912-06	Total	Soil	SW846 8260B	12D1754_P
12D1754-MSD1	TP-10-SO-040912-06	Total	Soil	SW846 8260B	12D1754_P
NWD0929-01	TP-03-SS-040912-00	Total	Soil	SW846 8260B	12D1754_P
NWD0929-02	TP-03-SO-040912-11	Total	Soil	SW846 8260B	12D1754_P
NWD0929-03	TP-09-SS-040912-00	Total	Soil	SW846 8260B	12D1754_P
NWD0929-05	TP-10-SO-040912-06	Total	Soil	SW846 8260B	12D1754_P
NWD0929-06	TP-50-SS-040912-00	Total	Soil	SW846 8260B	12D1754_P
NWD0929-07	TP-50-SO-040912-06	Total	Soil	SW846 8260B	12D1754_P
NWD0929-08	TP-51-SS-040912-00	Total	Soil	SW846 8260B	12D1754_P
NWD0929-09	TP-51-SO-040912-11	Total	Soil	SW846 8260B	12D1754_P

Analysis Batch: V006343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D3405-BLK1	Method Blank	Total	Soil	SW846 8260B	12D3405_P
12D3405-BLK2	Method Blank	Total	Soil	SW846 8260B	12D3405_P
12D3405-BS1	Lab Control Sample	Total	Soil	SW846 8260B	12D3405_P
12D3405-BSD1	Lab Control Sample Dup	Total	Soil	SW846 8260B	12D3405_P
12D3405-MS1	TP-10-SS-040912-00	Total	Soil	SW846 8260B	12D3405_P
12D3405-MSD1	TP-10-SS-040912-00	Total	Soil	SW846 8260B	12D3405_P
NWD0929-04	TP-10-SS-040912-00	Total	Soil	SW846 8260B	12D3405_P
NWD0929-04 - RE1	TP-10-SS-040912-00	Total	Soil	SW846 8260B	12D3405_P
NWD0929-06 - RE1	TP-50-SS-040912-00	Total	Soil	SW846 8260B	12D3405_P

Analysis Batch: V006387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1692-BLK1	Method Blank	Total	Soil	SW846 8260B	12D1692_P
12D1692-BLK2	Method Blank	Total	Soil	SW846 8260B	12D1692_P
12D1692-BS1	Lab Control Sample	Total	Soil	SW846 8260B	12D1692_P
12D1692-BSD1	Lab Control Sample Dup	Total	Soil	SW846 8260B	12D1692_P
12D1692-MS1	Matrix Spike	Total	Soil	SW846 8260B	12D1692_P
12D1692-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 8260B	12D1692_P
NWD0929-04 - RE2	TP-10-SS-040912-00	Total	Soil	SW846 8260B	12D1692_P

Analysis Batch: V006757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D3811-BLK1	Method Blank	Total	Soil	SW846 8260B	12D3811_P
12D3811-BLK2	Method Blank	Total	Soil	SW846 8260B	12D3811_P
12D3811-BS1	Lab Control Sample	Total	Soil	SW846 8260B	12D3811_P
12D3811-BSD1	Lab Control Sample Dup	Total	Soil	SW846 8260B	12D3811_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

GCMS Volatiles (Continued)

Analysis Batch: V006757 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D3811-MS1	Matrix Spike	Total	Soil	SW846 8260B	12D3811_P
12D3811-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 8260B	12D3811_P
NWD0929-11	Dumpster	Total	Soil	SW846 8260B	12D3811_P

Prep Batch: 12D1405_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1405-BLK1	Method Blank	Total	Water	EPA 5030B	
12D1405-BS1	Lab Control Sample	Total	Water	EPA 5030B	
12D1405-BSD1	Lab Control Sample Dup	Total	Water	EPA 5030B	
12D1405-MS1	Matrix Spike	Total	Water	EPA 5030B	
12D1405-MSD1	Matrix Spike Duplicate	Total	Water	EPA 5030B	
NWD0929-10	Trip Blank	Total	Water	EPA 5030B	

Prep Batch: 12D1692_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1692-BLK1	Method Blank	Total	Soil	EPA 5035	
12D1692-BLK2	Method Blank	Total	Soil	EPA 5035	
12D1692-BS1	Lab Control Sample	Total	Soil	EPA 5035	
12D1692-BSD1	Lab Control Sample Dup	Total	Soil	EPA 5035	
12D1692-MS1	Matrix Spike	Total	Soil	EPA 5035	
12D1692-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 5035	
NWD0929-04 - RE2	TP-10-SS-040912-00	Total	Soil	EPA 5035	

Prep Batch: 12D1754_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1754-BLK1	Method Blank	Total	Soil	EPA 5035	
12D1754-BLK2	Method Blank	Total	Soil	EPA 5035	
12D1754-BS1	Lab Control Sample	Total	Soil	EPA 5035	
12D1754-BSD1	Lab Control Sample Dup	Total	Soil	EPA 5035	
12D1754-MS1	TP-10-SO-040912-06	Total	Soil	EPA 5035	
12D1754-MSD1	TP-10-SO-040912-06	Total	Soil	EPA 5035	
NWD0929-01	TP-03-SS-040912-00	Total	Soil	EPA 5035	
NWD0929-02	TP-03-SO-040912-11	Total	Soil	EPA 5035	
NWD0929-03	TP-09-SS-040912-00	Total	Soil	EPA 5035	
NWD0929-05	TP-10-SO-040912-06	Total	Soil	EPA 5035	
NWD0929-06	TP-50-SS-040912-00	Total	Soil	EPA 5035	
NWD0929-07	TP-50-SO-040912-06	Total	Soil	EPA 5035	
NWD0929-08	TP-51-SS-040912-00	Total	Soil	EPA 5035	
NWD0929-09	TP-51-SO-040912-11	Total	Soil	EPA 5035	

Prep Batch: 12D3405_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D3405-BLK1	Method Blank	Total	Soil	EPA 5035	
12D3405-BLK2	Method Blank	Total	Soil	EPA 5035	
12D3405-BS1	Lab Control Sample	Total	Soil	EPA 5035	
12D3405-BSD1	Lab Control Sample Dup	Total	Soil	EPA 5035	
12D3405-MS1	TP-10-SS-040912-00	Total	Soil	EPA 5035	
12D3405-MSD1	TP-10-SS-040912-00	Total	Soil	EPA 5035	
NWD0929-04	TP-10-SS-040912-00	Total	Soil	EPA 5035	
NWD0929-04 - RE1	TP-10-SS-040912-00	Total	Soil	EPA 5035	
NWD0929-06 - RE1	TP-50-SS-040912-00	Total	Soil	EPA 5035	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

GCMS Volatiles (Continued)

Prep Batch: 12D3811_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D3811-BLK1	Method Blank	Total	Soil	EPA 5035	
12D3811-BLK2	Method Blank	Total	Soil	EPA 5035	
12D3811-BS1	Lab Control Sample	Total	Soil	EPA 5035	
12D3811-BSD1	Lab Control Sample Dup	Total	Soil	EPA 5035	
12D3811-MS1	Matrix Spike	Total	Soil	EPA 5035	
12D3811-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 5035	
NWD0929-11	Dumpster	Total	Soil	EPA 5035	

GCMS Semivolatiles

Analysis Batch: 12D1750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1750-BLK1	Method Blank	Total	Soil	SW846 8270C	12D1750_P
12D1750-BS1	Lab Control Sample	Total	Soil	SW846 8270C	12D1750_P
12D1750-BS2	Lab Control Sample	Total	Soil	SW846 8270C	12D1750_P
12D1750-MS1	TP-10-SO-040912-06	Total	Soil	SW846 8270C	12D1750_P
12D1750-MSD1	TP-10-SO-040912-06	Total	Soil	SW846 8270C	12D1750_P
NWD0929-01	TP-03-SS-040912-00	Total	Soil	SW846 8270C	12D1750_P
NWD0929-02	TP-03-SO-040912-11	Total	Soil	SW846 8270C	12D1750_P
NWD0929-03	TP-09-SS-040912-00	Total	Soil	SW846 8270C	12D1750_P
NWD0929-04	TP-10-SS-040912-00	Total	Soil	SW846 8270C	12D1750_P
NWD0929-05	TP-10-SO-040912-06	Total	Soil	SW846 8270C	12D1750_P
NWD0929-06	TP-50-SS-040912-00	Total	Soil	SW846 8270C	12D1750_P
NWD0929-07	TP-50-SO-040912-06	Total	Soil	SW846 8270C	12D1750_P
NWD0929-08	TP-51-SS-040912-00	Total	Soil	SW846 8270C	12D1750_P
NWD0929-09	TP-51-SO-040912-11	Total	Soil	SW846 8270C	12D1750_P

Analysis Batch: 12D3223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D3223-BLK1	Method Blank	Total	Soil	SW846 8270C	12D3223_P
12D3223-BS1	Lab Control Sample	Total	Soil	SW846 8270C	12D3223_P
12D3223-BS2	Lab Control Sample	Total	Soil	SW846 8270C	12D3223_P
12D3223-MS1	Matrix Spike	Total	Soil	SW846 8270C	12D3223_P
12D3223-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 8270C	12D3223_P
NWD0929-11	Dumpster	Total	Soil	SW846 8270C	12D3223_P

Prep Batch: 12D1750_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1750-BLK1	Method Blank	Total	Soil	EPA 3550B	
12D1750-BS1	Lab Control Sample	Total	Soil	EPA 3550B	
12D1750-BS2	Lab Control Sample	Total	Soil	EPA 3550B	
12D1750-MS1	TP-10-SO-040912-06	Total	Soil	EPA 3550B	
12D1750-MSD1	TP-10-SO-040912-06	Total	Soil	EPA 3550B	
NWD0929-01	TP-03-SS-040912-00	Total	Soil	EPA 3550B	
NWD0929-02	TP-03-SO-040912-11	Total	Soil	EPA 3550B	
NWD0929-03	TP-09-SS-040912-00	Total	Soil	EPA 3550B	
NWD0929-04	TP-10-SS-040912-00	Total	Soil	EPA 3550B	
NWD0929-05	TP-10-SO-040912-06	Total	Soil	EPA 3550B	
NWD0929-06	TP-50-SS-040912-00	Total	Soil	EPA 3550B	
NWD0929-07	TP-50-SO-040912-06	Total	Soil	EPA 3550B	
NWD0929-08	TP-51-SS-040912-00	Total	Soil	EPA 3550B	
NWD0929-09	TP-51-SO-040912-11	Total	Soil	EPA 3550B	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

GCMS Semivolatiles (Continued)

Prep Batch: 12D3223_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D3223-BLK1	Method Blank	Total	Soil	EPA 3550B	
12D3223-BS1	Lab Control Sample	Total	Soil	EPA 3550B	
12D3223-BS2	Lab Control Sample	Total	Soil	EPA 3550B	
12D3223-MS1	Matrix Spike	Total	Soil	EPA 3550B	
12D3223-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 3550B	
NWD0929-11	Dumpster	Total	Soil	EPA 3550B	

Pesticides

Analysis Batch: V005877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1758-BLK1	Method Blank	Total	Soil	SW846 8015B	12D1758_P
12D1758-BS1	Lab Control Sample	Total	Soil	SW846 8015B	12D1758_P
12D1758-MS1	TP-10-SO-040912-06	Total	Soil	SW846 8015B	12D1758_P
12D1758-MSD1	TP-10-SO-040912-06	Total	Soil	SW846 8015B	12D1758_P
NWD0929-01	TP-03-SS-040912-00	Total	Soil	SW846 8015B	12D1758_P
NWD0929-02	TP-03-SO-040912-11	Total	Soil	SW846 8015B	12D1758_P
NWD0929-03	TP-09-SS-040912-00	Total	Soil	SW846 8015B	12D1758_P
NWD0929-04	TP-10-SS-040912-00	Total	Soil	SW846 8015B	12D1758_P
NWD0929-05	TP-10-SO-040912-06	Total	Soil	SW846 8015B	12D1758_P
NWD0929-06	TP-50-SS-040912-00	Total	Soil	SW846 8015B	12D1758_P
NWD0929-08	TP-51-SS-040912-00	Total	Soil	SW846 8015B	12D1758_P
NWD0929-09	TP-51-SO-040912-11	Total	Soil	SW846 8015B	12D1758_P

Analysis Batch: V005894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0929-07 - RE2	TP-50-SO-040912-06	Total	Soil	SW846 8015B	12D1758_P

Analysis Batch: V006066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1746-BLK1	Method Blank	Total	Soil	SW846 8082	12D1746_P
12D1746-BS1	Lab Control Sample	Total	Soil	SW846 8082	12D1746_P
12D1746-MS1	TP-10-SO-040912-06	Total	Soil	SW846 8082	12D1746_P
12D1746-MSD1	TP-10-SO-040912-06	Total	Soil	SW846 8082	12D1746_P
NWD0929-01	TP-03-SS-040912-00	Total	Soil	SW846 8082	12D1746_P
NWD0929-04	TP-10-SS-040912-00	Total	Soil	SW846 8082	12D1746_P
NWD0929-05	TP-10-SO-040912-06	Total	Soil	SW846 8082	12D1746_P
NWD0929-06	TP-50-SS-040912-00	Total	Soil	SW846 8082	12D1746_P
NWD0929-07	TP-50-SO-040912-06	Total	Soil	SW846 8082	12D1746_P
NWD0929-09	TP-51-SO-040912-11	Total	Soil	SW846 8082	12D1746_P

Analysis Batch: V006192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWD0929-02 - RE1	TP-03-SO-040912-11	Total	Soil	SW846 8082	12D1746_P
NWD0929-03 - RE1	TP-09-SS-040912-00	Total	Soil	SW846 8082	12D1746_P
NWD0929-08 - RE1	TP-51-SS-040912-00	Total	Soil	SW846 8082	12D1746_P

Analysis Batch: V006449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D3480-BLK1	Method Blank	Total	Soil	SW846 8082	12D3480_P
12D3480-BS1	Lab Control Sample	Total	Soil	SW846 8082	12D3480_P
NWD0929-11	Dumpster	Total	Soil	SW846 8082	12D3480_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Pesticides (Continued)

Prep Batch: 12D1746_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1746-BLK1	Method Blank	Total	Soil	EPA 3550B/3665A	
12D1746-BS1	Lab Control Sample	Total	Soil	EPA 3550B/3665A	
12D1746-MS1	TP-10-SO-040912-06	Total	Soil	EPA 3550B/3665A	
12D1746-MSD1	TP-10-SO-040912-06	Total	Soil	EPA 3550B/3665A	
NWD0929-01	TP-03-SS-040912-00	Total	Soil	EPA 3550B/3665A	
NWD0929-02 - RE1	TP-03-SO-040912-11	Total	Soil	EPA 3550B/3665A	
NWD0929-03 - RE1	TP-09-SS-040912-00	Total	Soil	EPA 3550B/3665A	
NWD0929-04	TP-10-SS-040912-00	Total	Soil	EPA 3550B/3665A	
NWD0929-05	TP-10-SO-040912-06	Total	Soil	EPA 3550B/3665A	
NWD0929-06	TP-50-SS-040912-00	Total	Soil	EPA 3550B/3665A	
NWD0929-07	TP-50-SO-040912-06	Total	Soil	EPA 3550B/3665A	
NWD0929-08 - RE1	TP-51-SS-040912-00	Total	Soil	EPA 3550B/3665A	
NWD0929-09	TP-51-SO-040912-11	Total	Soil	EPA 3550B/3665A	

Prep Batch: 12D1758_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1758-BLK1	Method Blank	Total	Soil	NO PREP-PEST	
12D1758-BS1	Lab Control Sample	Total	Soil	NO PREP-PEST	
12D1758-MS1	TP-10-SO-040912-06	Total	Soil	NO PREP-PEST	
12D1758-MSD1	TP-10-SO-040912-06	Total	Soil	NO PREP-PEST	
NWD0929-01	TP-03-SS-040912-00	Total	Soil	NO PREP-PEST	
NWD0929-02	TP-03-SO-040912-11	Total	Soil	NO PREP-PEST	
NWD0929-03	TP-09-SS-040912-00	Total	Soil	NO PREP-PEST	
NWD0929-04	TP-10-SS-040912-00	Total	Soil	NO PREP-PEST	
NWD0929-05	TP-10-SO-040912-06	Total	Soil	NO PREP-PEST	
NWD0929-06	TP-50-SS-040912-00	Total	Soil	NO PREP-PEST	
NWD0929-07 - RE2	TP-50-SO-040912-06	Total	Soil	NO PREP-PEST	
NWD0929-08	TP-51-SS-040912-00	Total	Soil	NO PREP-PEST	
NWD0929-09	TP-51-SO-040912-11	Total	Soil	NO PREP-PEST	

Prep Batch: 12D3480_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D3480-BLK1	Method Blank	Total	Soil	EPA 3550B/3665A	
12D3480-BS1	Lab Control Sample	Total	Soil	EPA 3550B/3665A	
NWD0929-11	Dumpster	Total	Soil	EPA 3550B/3665A	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Metals

Analysis Batch: 12D1752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1752-BLK1	Method Blank	Total	Soil	SW846 6010B	12D1752_P
12D1752-BS1	Lab Control Sample	Total	Soil	SW846 6010B	12D1752_P
12D1752-MS1	Matrix Spike	Total	Soil	SW846 6010B	12D1752_P
12D1752-MS2	TP-10-SO-040912-06	Total	Soil	SW846 6010B	12D1752_P
12D1752-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 6010B	12D1752_P
12D1752-MSD2	TP-10-SO-040912-06	Total	Soil	SW846 6010B	12D1752_P
NWD0929-01	TP-03-SS-040912-00	Total	Soil	SW846 6010B	12D1752_P
NWD0929-02	TP-03-SO-040912-11	Total	Soil	SW846 6010B	12D1752_P
NWD0929-03	TP-09-SS-040912-00	Total	Soil	SW846 6010B	12D1752_P
NWD0929-04	TP-10-SS-040912-00	Total	Soil	SW846 6010B	12D1752_P
NWD0929-05	TP-10-SO-040912-06	Total	Soil	SW846 6010B	12D1752_P
NWD0929-06	TP-50-SS-040912-00	Total	Soil	SW846 6010B	12D1752_P
NWD0929-07	TP-50-SO-040912-06	Total	Soil	SW846 6010B	12D1752_P
NWD0929-08	TP-51-SS-040912-00	Total	Soil	SW846 6010B	12D1752_P
NWD0929-09	TP-51-SO-040912-11	Total	Soil	SW846 6010B	12D1752_P

Analysis Batch: 12D1939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1939-BLK1	Method Blank	Total	Soil	SW846 7471A	12D1939_P
12D1939-BS1	Lab Control Sample	Total	Soil	SW846 7471A	12D1939_P
12D1939-MS1	TP-10-SO-040912-06	Total	Soil	SW846 7471A	12D1939_P
12D1939-MSD1	TP-10-SO-040912-06	Total	Soil	SW846 7471A	12D1939_P
NWD0929-01	TP-03-SS-040912-00	Total	Soil	SW846 7471A	12D1939_P
NWD0929-02	TP-03-SO-040912-11	Total	Soil	SW846 7471A	12D1939_P
NWD0929-03	TP-09-SS-040912-00	Total	Soil	SW846 7471A	12D1939_P
NWD0929-04	TP-10-SS-040912-00	Total	Soil	SW846 7471A	12D1939_P
NWD0929-05	TP-10-SO-040912-06	Total	Soil	SW846 7471A	12D1939_P
NWD0929-06	TP-50-SS-040912-00	Total	Soil	SW846 7471A	12D1939_P
NWD0929-07	TP-50-SO-040912-06	Total	Soil	SW846 7471A	12D1939_P
NWD0929-08	TP-51-SS-040912-00	Total	Soil	SW846 7471A	12D1939_P
NWD0929-09	TP-51-SO-040912-11	Total	Soil	SW846 7471A	12D1939_P

Analysis Batch: 12D3699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D3699-BLK1	Method Blank	Total	Soil	SW846 7471A	12D3699_P
12D3699-BS1	Lab Control Sample	Total	Soil	SW846 7471A	12D3699_P
12D3699-BSD1	Lab Control Sample Dup	Total	Soil	SW846 7471A	12D3699_P
12D3699-MS1	Dumpster	Total	Soil	SW846 7471A	12D3699_P
12D3699-MSD1	Dumpster	Total	Soil	SW846 7471A	12D3699_P
NWD0929-11	Dumpster	Total	Soil	SW846 7471A	12D3699_P

Analysis Batch: 12D4576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D4576-BLK1	Method Blank	Total	Soil	SW846 6010B	12D4576_P
12D4576-BS1	Lab Control Sample	Total	Soil	SW846 6010B	12D4576_P
12D4576-BSD1	Lab Control Sample Dup	Total	Soil	SW846 6010B	12D4576_P
12D4576-MS1	Dumpster	Total	Soil	SW846 6010B	12D4576_P
12D4576-MSD1	Dumpster	Total	Soil	SW846 6010B	12D4576_P
NWD0929-11	Dumpster	Total	Soil	SW846 6010B	12D4576_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Metals (Continued)

Prep Batch: 12D1752_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1752-BLK1	Method Blank	Total	Soil	EPA 3051A/6010	
12D1752-BS1	Lab Control Sample	Total	Soil	EPA 3051A/6010	
12D1752-MS1	Matrix Spike	Total	Soil	EPA 3051A/6010	
12D1752-MS2	TP-10-SO-040912-06	Total	Soil	EPA 3051A/6010	
12D1752-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 3051A/6010	
12D1752-MSD2	TP-10-SO-040912-06	Total	Soil	EPA 3051A/6010	
NWD0929-01	TP-03-SS-040912-00	Total	Soil	EPA 3051A/6010	
NWD0929-02	TP-03-SO-040912-11	Total	Soil	EPA 3051A/6010	
NWD0929-03	TP-09-SS-040912-00	Total	Soil	EPA 3051A/6010	
NWD0929-04	TP-10-SS-040912-00	Total	Soil	EPA 3051A/6010	
NWD0929-05	TP-10-SO-040912-06	Total	Soil	EPA 3051A/6010	
NWD0929-06	TP-50-SS-040912-00	Total	Soil	EPA 3051A/6010	
NWD0929-07	TP-50-SO-040912-06	Total	Soil	EPA 3051A/6010	
NWD0929-08	TP-51-SS-040912-00	Total	Soil	EPA 3051A/6010	
NWD0929-09	TP-51-SO-040912-11	Total	Soil	EPA 3051A/6010	

Prep Batch: 12D1939_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1939-BLK1	Method Blank	Total	Soil	EPA 7471	
12D1939-BS1	Lab Control Sample	Total	Soil	EPA 7471	
12D1939-MS1	TP-10-SO-040912-06	Total	Soil	EPA 7471	
12D1939-MSD1	TP-10-SO-040912-06	Total	Soil	EPA 7471	
NWD0929-01	TP-03-SS-040912-00	Total	Soil	EPA 7471	
NWD0929-02	TP-03-SO-040912-11	Total	Soil	EPA 7471	
NWD0929-03	TP-09-SS-040912-00	Total	Soil	EPA 7471	
NWD0929-04	TP-10-SS-040912-00	Total	Soil	EPA 7471	
NWD0929-05	TP-10-SO-040912-06	Total	Soil	EPA 7471	
NWD0929-06	TP-50-SS-040912-00	Total	Soil	EPA 7471	
NWD0929-07	TP-50-SO-040912-06	Total	Soil	EPA 7471	
NWD0929-08	TP-51-SS-040912-00	Total	Soil	EPA 7471	
NWD0929-09	TP-51-SO-040912-11	Total	Soil	EPA 7471	

Prep Batch: 12D3699_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D3699-BLK1	Method Blank	Total	Soil	EPA 7471	
12D3699-BS1	Lab Control Sample	Total	Soil	EPA 7471	
12D3699-BSD1	Lab Control Sample Dup	Total	Soil	EPA 7471	
12D3699-MS1	Dumpster	Total	Soil	EPA 7471	
12D3699-MSD1	Dumpster	Total	Soil	EPA 7471	
NWD0929-11	Dumpster	Total	Soil	EPA 7471	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Metals (Continued)

Prep Batch: 12D4576_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D4576-BLK1	Method Blank	Total	Soil	EPA 3051A/6010	
12D4576-BS1	Lab Control Sample	Total	Soil	EPA 3051A/6010	
12D4576-BSD1	Lab Control Sample Dup	Total	Soil	EPA 3051A/6010	
12D4576-MS1	Dumpster	Total	Soil	EPA 3051A/6010	
12D4576-MSD1	Dumpster	Total	Soil	EPA 3051A/6010	
NWD0929-11	Dumpster	Total	Soil	EPA 3051A/6010	

WetChem

Analysis Batch: 12D2858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2858-BLK1	Method Blank	Total	Soil	SW846 9012B	12D2858_P
12D2858-BS1	Lab Control Sample	Total	Soil	SW846 9012B	12D2858_P
12D2858-DUP1	Duplicate	Total	Soil	SW846 9012B	12D2858_P
12D2858-MS1	Matrix Spike	Total	Soil	SW846 9012B	12D2858_P
12D2858-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 9012B	12D2858_P
NWD0929-01 - RE1	TP-03-SS-040912-00	Total	Soil	SW846 9012B	12D2858_P
NWD0929-02 - RE1	TP-03-SO-040912-11	Total	Soil	SW846 9012B	12D2858_P
NWD0929-03 - RE1	TP-09-SS-040912-00	Total	Soil	SW846 9012B	12D2858_P
NWD0929-04 - RE1	TP-10-SS-040912-00	Total	Soil	SW846 9012B	12D2858_P
NWD0929-05 - RE1	TP-10-SO-040912-06	Total	Soil	SW846 9012B	12D2858_P
NWD0929-06 - RE1	TP-50-SS-040912-00	Total	Soil	SW846 9012B	12D2858_P
NWD0929-07 - RE1	TP-50-SO-040912-06	Total	Soil	SW846 9012B	12D2858_P
NWD0929-08 - RE1	TP-51-SS-040912-00	Total	Soil	SW846 9012B	12D2858_P
NWD0929-09 - RE1	TP-51-SO-040912-11	Total	Soil	SW846 9012B	12D2858_P

Analysis Batch: 12D2887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2887-BLK1	Method Blank	Total	Soil	SW846 7196A	12D2887_P
12D2887-BS1	Lab Control Sample	Total	Soil	SW846 7196A	12D2887_P
12D2887-DUP1	TP-51-SO-040912-11	Total	Soil	SW846 7196A	12D2887_P
12D2887-MS1	TP-10-SO-040912-06	Total	Soil	SW846 7196A	12D2887_P
12D2887-MSD1	TP-10-SO-040912-06	Total	Soil	SW846 7196A	12D2887_P
12D2887-PS1	TP-10-SO-040912-06	Total	Soil	SW846 7196A	12D2887_P
NWD0929-01	TP-03-SS-040912-00	Total	Soil	SW846 7196A	12D2887_P
NWD0929-02	TP-03-SO-040912-11	Total	Soil	SW846 7196A	12D2887_P
NWD0929-03	TP-09-SS-040912-00	Total	Soil	SW846 7196A	12D2887_P
NWD0929-04	TP-10-SS-040912-00	Total	Soil	SW846 7196A	12D2887_P
NWD0929-05	TP-10-SO-040912-06	Total	Soil	SW846 7196A	12D2887_P
NWD0929-06	TP-50-SS-040912-00	Total	Soil	SW846 7196A	12D2887_P
NWD0929-07	TP-50-SO-040912-06	Total	Soil	SW846 7196A	12D2887_P
NWD0929-08	TP-51-SS-040912-00	Total	Soil	SW846 7196A	12D2887_P
NWD0929-09	TP-51-SO-040912-11	Total	Soil	SW846 7196A	12D2887_P

Prep Batch: 12D2858_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2858-BLK1	Method Blank	Total	Soil	NO PREP	

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

WetChem (Continued)

Prep Batch: 12D2858_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2858-BS1	Lab Control Sample	Total	Soil	NO PREP	
12D2858-DUP1	Duplicate	Total	Soil	NO PREP	
12D2858-MS1	Matrix Spike	Total	Soil	NO PREP	
12D2858-MSD1	Matrix Spike Duplicate	Total	Soil	NO PREP	
NWD0929-01 - RE1	TP-03-SS-040912-00	Total	Soil	NO PREP	
NWD0929-02 - RE1	TP-03-SO-040912-11	Total	Soil	NO PREP	
NWD0929-03 - RE1	TP-09-SS-040912-00	Total	Soil	NO PREP	
NWD0929-04 - RE1	TP-10-SS-040912-00	Total	Soil	NO PREP	
NWD0929-05 - RE1	TP-10-SO-040912-06	Total	Soil	NO PREP	
NWD0929-06 - RE1	TP-50-SS-040912-00	Total	Soil	NO PREP	
NWD0929-07 - RE1	TP-50-SO-040912-06	Total	Soil	NO PREP	
NWD0929-08 - RE1	TP-51-SS-040912-00	Total	Soil	NO PREP	
NWD0929-09 - RE1	TP-51-SO-040912-11	Total	Soil	NO PREP	

Prep Batch: 12D2887_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D2887-BLK1	Method Blank	Total	Soil	NO PREP	
12D2887-BS1	Lab Control Sample	Total	Soil	NO PREP	
12D2887-DUP1	TP-51-SO-040912-11	Total	Soil	NO PREP	
12D2887-MS1	TP-10-SO-040912-06	Total	Soil	NO PREP	
12D2887-MSD1	TP-10-SO-040912-06	Total	Soil	NO PREP	
12D2887-PS1	TP-10-SO-040912-06	Total	Soil	NO PREP	
NWD0929-01	TP-03-SS-040912-00	Total	Soil	NO PREP	
NWD0929-02	TP-03-SO-040912-11	Total	Soil	NO PREP	
NWD0929-03	TP-09-SS-040912-00	Total	Soil	NO PREP	
NWD0929-04	TP-10-SS-040912-00	Total	Soil	NO PREP	
NWD0929-05	TP-10-SO-040912-06	Total	Soil	NO PREP	
NWD0929-06	TP-50-SS-040912-00	Total	Soil	NO PREP	
NWD0929-07	TP-50-SO-040912-06	Total	Soil	NO PREP	
NWD0929-08	TP-51-SS-040912-00	Total	Soil	NO PREP	
NWD0929-09	TP-51-SO-040912-11	Total	Soil	NO PREP	

Extractions

Analysis Batch: 12D1952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1952-DUP1	TP-10-SO-040912-06	Total	Soil	SW-846	12D1952_P
NWD0929-01	TP-03-SS-040912-00	Total	Soil	SW-846	12D1952_P
NWD0929-02	TP-03-SO-040912-11	Total	Soil	SW-846	12D1952_P
NWD0929-03	TP-09-SS-040912-00	Total	Soil	SW-846	12D1952_P
NWD0929-04	TP-10-SS-040912-00	Total	Soil	SW-846	12D1952_P
NWD0929-05	TP-10-SO-040912-06	Total	Soil	SW-846	12D1952_P
NWD0929-06	TP-50-SS-040912-00	Total	Soil	SW-846	12D1952_P
NWD0929-07	TP-50-SO-040912-06	Total	Soil	SW-846	12D1952_P
NWD0929-08	TP-51-SS-040912-00	Total	Soil	SW-846	12D1952_P
NWD0929-09	TP-51-SO-040912-11	Total	Soil	SW-846	12D1952_P

Analysis Batch: 12D3911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D3911-DUP1	Duplicate	Total	Soil	SW-846	12D3911_P
NWD0929-11	Dumpster	Total	Soil	SW-846	12D3911_P

QC Association Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Extractions (Continued)

Prep Batch: 12D1952_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D1952-DUP1	TP-10-SO-040912-06	Total	Soil	% Solids	
NWD0929-01	TP-03-SS-040912-00	Total	Soil	% Solids	
NWD0929-02	TP-03-SO-040912-11	Total	Soil	% Solids	
NWD0929-03	TP-09-SS-040912-00	Total	Soil	% Solids	
NWD0929-04	TP-10-SS-040912-00	Total	Soil	% Solids	
NWD0929-05	TP-10-SO-040912-06	Total	Soil	% Solids	
NWD0929-06	TP-50-SS-040912-00	Total	Soil	% Solids	
NWD0929-07	TP-50-SO-040912-06	Total	Soil	% Solids	
NWD0929-08	TP-51-SS-040912-00	Total	Soil	% Solids	
NWD0929-09	TP-51-SO-040912-11	Total	Soil	% Solids	

Prep Batch: 12D3911_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12D3911-DUP1	Duplicate	Total	Soil	% Solids	
NWD0929-11	Dumpster	Total	Soil	% Solids	

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-03-SS-040912-00

Lab Sample ID: NWD0929-01

Date Collected: 04/09/12 13:15

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 81.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.786	12D1754_P	04/09/12 13:15	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006310	04/16/12 17:47	MJH /	TAL NSH
Total	Prep	EPA 3550B		0.983	12D1750_P	04/12/12 08:26	MWT	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1750	04/12/12 17:47	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1758_P	04/10/12 15:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005877	04/10/12 18:56	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.989	12D1746_P	04/12/12 07:52	KDF	TAL NSH
Total	Analysis	SW846 8082		1.00	V006066	04/13/12 12:29	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		1.00	12D1752_P	04/12/12 11:13	MET	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1752	04/16/12 18:12	LTB	TAL NSH
Total	Prep	EPA 7471		0.98	12D1939_P	04/11/12 13:45	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1939	04/12/12 10:34	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D2887_P	04/16/12 15:30	CLJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D2887	04/17/12 11:30	CLJ	TAL NSH
Total	Prep	NO PREP	RE1	1.00	12D2858_P	04/17/12 12:22	MLM	TAL NSH
Total	Analysis	SW846 9012B	RE1	1.00	12D2858	04/19/12 06:50	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1952_P	04/11/12 15:30	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1952	04/12/12 12:33	RRS	TAL NSH

Client Sample ID: TP-03-S0-040912-11

Lab Sample ID: NWD0929-02

Date Collected: 04/09/12 14:13

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 80.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.794	12D1754_P	04/09/12 14:13	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006310	04/16/12 18:15	MJH /	TAL NSH
Total	Prep	EPA 3550B		0.988	12D1750_P	04/12/12 08:26	MWT	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1750	04/12/12 18:06	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1758_P	04/10/12 15:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005877	04/10/12 19:11	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A	RE1	0.997	12D1746_P	04/12/12 07:52	KDF	TAL NSH
Total	Analysis	SW846 8082	RE1	1.00	V006192	04/17/12 02:37	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.973	12D1752_P	04/12/12 11:13	MET	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1752	04/16/12 18:25	LTB	TAL NSH
Total	Prep	EPA 7471		1.0	12D1939_P	04/11/12 13:45	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1939	04/12/12 10:36	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D2887_P	04/16/12 15:30	CLJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D2887	04/17/12 11:30	CLJ	TAL NSH
Total	Prep	NO PREP	RE1	1.00	12D2858_P	04/17/12 12:22	MLM	TAL NSH
Total	Analysis	SW846 9012B	RE1	1.00	12D2858	04/19/12 06:52	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1952_P	04/11/12 15:30	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1952	04/12/12 12:33	RRS	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-09-SS-040912-00

Lab Sample ID: NWD0929-03

Date Collected: 04/09/12 15:49

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.825	12D1754_P	04/09/12 15:49	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006310	04/16/12 18:43	MJH /	TAL NSH
Total	Prep	EPA 3550B		0.986	12D1750_P	04/12/12 08:26	MWT	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1750	04/12/12 18:24	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1758_P	04/10/12 15:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005877	04/10/12 19:27	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A	RE1	0.977	12D1746_P	04/12/12 07:52	KDF	TAL NSH
Total	Analysis	SW846 8082	RE1	1.00	V006192	04/17/12 02:58	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.982	12D1752_P	04/12/12 11:13	MET	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1752	04/16/12 18:28	LTB	TAL NSH
Total	Prep	EPA 7471		0.98	12D1939_P	04/11/12 13:45	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1939	04/12/12 10:38	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D2887_P	04/16/12 15:30	CLJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D2887	04/17/12 11:30	CLJ	TAL NSH
Total	Prep	NO PREP	RE1	1.00	12D2858_P	04/17/12 12:22	MLM	TAL NSH
Total	Analysis	SW846 9012B	RE1	1.00	12D2858	04/19/12 07:01	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1952_P	04/11/12 15:30	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1952	04/12/12 12:33	RRS	TAL NSH

Client Sample ID: TP-10-SS-040912-00

Lab Sample ID: NWD0929-04

Date Collected: 04/09/12 09:45

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 77.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.758	12D3405_P	04/09/12 09:45	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006343	04/17/12 03:05	MJH /	TAL NSH
Total	Prep	EPA 5035	RE1	0.779	12D3405_P	04/09/12 09:45	TSP	TAL NSH
Total	Analysis	SW846 8260B	RE1	50.0	V006343	04/17/12 03:33	MJH /	TAL NSH
Total	Prep	EPA 5035	RE2	0.779	12D1692_P	04/09/12 09:45	TSP	TAL NSH
Total	Analysis	SW846 8260B	RE2	500	V006387	04/17/12 19:26	MJH /	TAL NSH
Total	Prep	EPA 3550B		0.978	12D1750_P	04/12/12 08:26	MWT	TAL NSH
Total	Analysis	SW846 8270C		5.00	12D1750	04/12/12 18:42	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1758_P	04/10/12 15:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005877	04/10/12 19:42	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.982	12D1746_P	04/12/12 07:52	KDF	TAL NSH
Total	Analysis	SW846 8082		1.00	V006066	04/13/12 13:07	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		1.00	12D1752_P	04/12/12 11:13	MET	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1752	04/16/12 18:32	LTB	TAL NSH
Total	Prep	EPA 7471		0.96	12D1939_P	04/11/12 13:45	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1939	04/12/12 10:40	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D2887_P	04/16/12 15:30	CLJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D2887	04/17/12 11:30	CLJ	TAL NSH
Total	Prep	NO PREP	RE1	1.00	12D2858_P	04/17/12 12:22	MLM	TAL NSH
Total	Analysis	SW846 9012B	RE1	1.00	12D2858	04/19/12 06:50	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1952_P	04/11/12 15:30	RRS	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-10-SS-040912-00

Lab Sample ID: NWD0929-04

Date Collected: 04/09/12 09:45

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 77.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	SW-846		1.00	12D1952	04/12/12 12:33	RRS	TAL NSH

Client Sample ID: TP-10-SO-040912-06

Lab Sample ID: NWD0929-05

Date Collected: 04/09/12 10:27

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 80.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.906	12D1754_P	04/09/12 10:27	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006310	04/16/12 19:11	MJH /	TAL NSH
Total	Prep	EPA 3550B		0.974	12D1750_P	04/12/12 08:26	MWT	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1750	04/12/12 19:00	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1758_P	04/10/12 15:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005877	04/10/12 19:57	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.997	12D1746_P	04/12/12 07:52	KDF	TAL NSH
Total	Analysis	SW846 8082		1.00	V006066	04/13/12 13:26	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		1.01	12D1752_P	04/12/12 11:13	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1752	04/16/12 18:35	LTB	TAL NSH
Total	Prep	EPA 7471		1.0	12D1939_P	04/11/12 13:45	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1939	04/12/12 10:42	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D2887_P	04/16/12 15:30	CLJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D2887	04/17/12 11:30	CLJ	TAL NSH
Total	Prep	NO PREP	RE1	1.00	12D2858_P	04/17/12 12:22	MLM	TAL NSH
Total	Analysis	SW846 9012B	RE1	1.00	12D2858	04/19/12 06:52	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1952_P	04/11/12 15:30	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1952	04/12/12 12:33	RRS	TAL NSH

Client Sample ID: TP-50-SS-040912-00

Lab Sample ID: NWD0929-06

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 73.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.685	12D1754_P	04/09/12 00:01	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006310	04/16/12 19:39	MJH /	TAL NSH
Total	Prep	EPA 5035	RE1	0.917	12D3405_P	04/09/12 00:01	TSP	TAL NSH
Total	Analysis	SW846 8260B	RE1	50.0	V006343	04/17/12 11:28	MJH /	TAL NSH
Total	Prep	EPA 3550B		0.970	12D1750_P	04/12/12 08:26	MWT	TAL NSH
Total	Analysis	SW846 8270C		5.00	12D1750	04/12/12 19:19	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1758_P	04/10/12 15:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005877	04/10/12 20:13	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.985	12D1746_P	04/12/12 07:52	KDF	TAL NSH
Total	Analysis	SW846 8082		1.00	V006066	04/13/12 17:13	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.986	12D1752_P	04/12/12 11:13	MET	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1752	04/16/12 18:44	LTB	TAL NSH
Total	Prep	EPA 7471		0.96	12D1939_P	04/11/12 13:45	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1939	04/12/12 10:48	MB	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-50-SS-040912-00

Lab Sample ID: NWD0929-06

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 73.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	NO PREP		1.00	12D2887_P	04/16/12 15:30	CLJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D2887	04/17/12 11:30	CLJ	TAL NSH
Total	Prep	NO PREP	RE1	1.00	12D2858_P	04/17/12 12:22	MLM	TAL NSH
Total	Analysis	SW846 9012B	RE1	1.00	12D2858	04/19/12 07:01	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1952_P	04/11/12 15:30	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1952	04/12/12 12:33	RRS	TAL NSH

Client Sample ID: TP-50-SO-040912-06

Lab Sample ID: NWD0929-07

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.791	12D1754_P	04/09/12 00:01	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006310	04/16/12 20:07	MJH /	TAL NSH
Total	Prep	EPA 3550B		0.980	12D1750_P	04/12/12 08:26	MWT	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1750	04/12/12 19:37	KJP	TAL NSH
Total	Prep	EPA 3550B/3665A		0.978	12D1746_P	04/12/12 07:52	KDF	TAL NSH
Total	Analysis	SW846 8082		1.00	V006066	04/13/12 13:45	WAM	TAL NSH
Total	Prep	NO PREP-PEST	RE2	1.00	12D1758_P	04/10/12 15:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B	RE2	1.00	V005894	04/11/12 12:00	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.952	12D1752_P	04/12/12 11:13	MET	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1752	04/16/12 18:47	LTB	TAL NSH
Total	Prep	EPA 7471		0.96	12D1939_P	04/11/12 13:45	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1939	04/12/12 10:55	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D2887_P	04/16/12 15:30	CLJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D2887	04/17/12 11:30	CLJ	TAL NSH
Total	Prep	NO PREP	RE1	1.00	12D2858_P	04/17/12 12:22	MLM	TAL NSH
Total	Analysis	SW846 9012B	RE1	1.00	12D2858	04/19/12 07:01	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1952_P	04/11/12 15:30	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1952	04/12/12 12:33	RRS	TAL NSH

Client Sample ID: TP-51-SS-040912-00

Lab Sample ID: NWD0929-08

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.876	12D1754_P	04/09/12 00:01	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006310	04/16/12 20:35	MJH /	TAL NSH
Total	Prep	EPA 3550B		0.989	12D1750_P	04/12/12 08:26	MWT	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1750	04/12/12 19:55	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1758_P	04/10/12 15:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005877	04/10/12 20:43	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A	RE1	0.976	12D1746_P	04/12/12 07:52	KDF	TAL NSH
Total	Analysis	SW846 8082	RE1	1.00	V006192	04/17/12 03:20	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.990	12D1752_P	04/12/12 11:13	MET	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: TP-51-SS-040912-00

Lab Sample ID: NWD0929-08

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Analysis	SW846 6010B		1.00	12D1752	04/16/12 18:51	LTB	TAL NSH
Total	Prep	EPA 7471		0.99	12D1939_P	04/11/12 13:45	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1939	04/12/12 10:57	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D2887_P	04/16/12 15:30	CLJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D2887	04/17/12 11:30	CLJ	TAL NSH
Total	Prep	NO PREP	RE1	1.00	12D2858_P	04/17/12 12:22	MLM	TAL NSH
Total	Analysis	SW846 9012B	RE1	1.00	12D2858	04/19/12 06:54	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1952_P	04/11/12 15:30	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1952	04/12/12 12:33	RRS	TAL NSH

Client Sample ID: TP-51-SO-040912-11

Lab Sample ID: NWD0929-09

Date Collected: 04/09/12 00:01

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.744	12D1754_P	04/09/12 00:01	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006310	04/16/12 21:02	MJH /	TAL NSH
Total	Prep	EPA 3550B		0.986	12D1750_P	04/12/12 08:26	MWT	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D1750	04/12/12 20:13	KJP	TAL NSH
Total	Prep	NO PREP-PEST		1.00	12D1758_P	04/10/12 15:30	AMJ	TAL NSH
Total	Analysis	SW846 8015B		1.00	V005877	04/10/12 20:59	AMJ	TAL NSH
Total	Prep	EPA 3550B/3665A		0.997	12D1746_P	04/12/12 07:52	KDF	TAL NSH
Total	Analysis	SW846 8082		1.00	V006066	04/13/12 17:50	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.994	12D1752_P	04/12/12 11:13	MET	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D1752	04/16/12 18:54	LTB	TAL NSH
Total	Prep	EPA 7471		0.98	12D1939_P	04/11/12 13:45	MB	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D1939	04/12/12 10:59	MB	TAL NSH
Total	Prep	NO PREP		1.00	12D2887_P	04/16/12 15:30	CLJ	TAL NSH
Total	Analysis	SW846 7196A		1.00	12D2887	04/17/12 11:30	CLJ	TAL NSH
Total	Prep	NO PREP	RE1	1.00	12D2858_P	04/17/12 12:22	MLM	TAL NSH
Total	Analysis	SW846 9012B	RE1	1.00	12D2858	04/19/12 06:54	JDJ	TAL NSH
Total	Prep	% Solids		1.00	12D1952_P	04/11/12 15:30	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D1952	04/12/12 12:33	RRS	TAL NSH

Client Sample ID: Trip Blank

Lab Sample ID: NWD0929-10

Date Collected: 04/09/12 00:01

Matrix: Water

Date Received: 04/10/12 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	12D1405_P	04/09/12 00:01	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006008	04/11/12 17:32	FKG	TAL NSH

Lab Chronicle

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Client Sample ID: Dumpster

Lab Sample ID: NWD0929-11

Date Collected: 04/09/12 16:20

Matrix: Soil

Date Received: 04/10/12 08:00

Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.794	12D3811_P	04/09/12 16:20	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	V006757	04/23/12 13:35	MJH /	TAL NSH
Total	Prep	EPA 3550B		0.984	12D3223_P	04/16/12 16:00	JJR	TAL NSH
Total	Analysis	SW846 8270C		1.00	12D3223	04/18/12 15:49	KJP	TAL NSH
Total	Prep	EPA 3550B/3665A		0.991	12D3480_P	04/18/12 12:11	KDF	TAL NSH
Total	Analysis	SW846 8082		10.0	V006449	04/19/12 23:47	WAM	TAL NSH
Total	Prep	EPA 3051A/6010		0.975	12D4576_P	04/24/12 14:58	CXU	TAL NSH
Total	Analysis	SW846 6010B		1.00	12D4576	04/26/12 09:24	DEB	TAL NSH
Total	Prep	EPA 7471		0.99	12D3699_P	04/24/12 17:55	ALJ	TAL NSH
Total	Analysis	SW846 7471A		1.0	12D3699	04/25/12 12:00	ALJ	TAL NSH
Total	Prep	% Solids		1.00	12D3911_P	04/19/12 13:27	RRS	TAL NSH
Total	Analysis	SW-846		1.00	12D3911	04/20/12 11:57	RRS	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Method Summary

Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Method	Method Description	Protocol	Laboratory
SW-846	General Chemistry Parameters		TAL NSH
SW846 8260B	Volatile Organic Compounds by EPA Method 8260B		TAL NSH
SW846 8270C	Semivolatile Organic Compounds by EPA Method 8270C		TAL NSH
SW846 8015B	Glycols by EPA Method 8015 (modified)		TAL NSH
SW846 8082	Polychlorinated Biphenyls by EPA Method 8082		TAL NSH
SW846 6010B	Total Metals by EPA Method 6010B		TAL NSH
SW846 7471A	Mercury by EPA Methods 7470A/7471A		TAL NSH
SW846 7196A	General Chemistry Parameters		TAL NSH
SW846 9012B	General Chemistry Parameters		TAL NSH

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Certification Summary

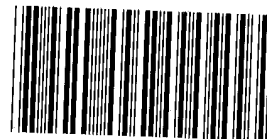
Client: Haley & Aldrich (Lenexa)
Project/Site: [none]

TestAmerica Job ID: NWD0929

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Nashville		ACIL		393
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska (UST)	State Program	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas DEQ	State Program	6	88-0737
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Canadian Assoc Lab Accred (CALA)	Canada		3744
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Florida	NELAC	4	E87358
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Kentucky (UST)	State Program	4	19
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Louisiana	NELAC	6	LA110014
TestAmerica Nashville	Maryland	State Program	3	316
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana (UST)	State Program	8	NA
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina DENR	State Program	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio VAP	State Program	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	USDA	Federal		S-48469
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	NELAC	3	460152
TestAmerica Nashville	Virginia	State Program	3	00323
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia DEP	State Program	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430
TestAmerica Nashville	Wyoming (UST)	A2LA	8	453.07

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

COOLER REC



Cooler Received/Opened On 4/10/2012@ 8:00

NWD0929

1. Tracking # 2949 (last 4 digits, FedEx)

Courier: Fedex IR Gun ID 18290455

2. Temperature of rep. sample or temp blank when opened: 3.9 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) JH

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 2

I certify that I unloaded the cooler and answered questions 7-14 (initial) JG

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) JG

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) JG

I certify that I attached a label with the unique LIMS number to each container (initial) JG

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#

COOLER RECEIPT FORM

NWD0929
04/19/12 23:59

Cooler Received/Opened On 4/10/2012 @ 0800

1. Tracking # 2938 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 5.1 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: (1) Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) W

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) lg

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) lg

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) lg

I certify that I attached a label with the unique LIMS number to each container (initial) lg

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO..# -



Nashville Division
 2960 Foster Creighton Drive * Nashville TN 37204
 Phone: (800) 765-0980 / (615) 726-0177 Fax: (615) 726-3404
 ", "Reg District (CA)"

Page 2 of 2

Client: Haley & Aldrich (Lenexa)
 Address: 8735 Rosehill Road, Suite 340
 City, State, Zip: Lenexa KS 66215-6949
 Client Invoice Contact: Accounts Payable
 Client Project Mgr: Mariruth Gruis
 Client Telephone#: (913) 217-6907 Fax: (913) 217-6957
 Sampler Name (Print) John Kusich
 Sampler Signature: [Signature]

TA Account #: 532031 PO #: _____
 Invoice to: Haley & Aldrich
 Report to: Mariruth Gruis
 Project Name: Leeds Facility
 Facility ID: [none]
 Reg District (CA): _____
 Site Address: _____
 City, State, Zip: _____ Missouri
 NWD0929
 04/19/12 23:59

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	Preservative				Matrix				Analyze for																RUSH TAT (Pre Schedule)*																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
											(Yellow Label) Glass H2SO4	(Yellow Label) Plastic H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Water (specify) Other	8015B Ethylene Glycol	8082 PCBs	8260B Extended List VOA	8270C Extended SVOA	Chromium, Hexavalent by EPA 7196	Cyanide Total 9012B	Flashpoint 1010 Closed Cup	Metals, TAL (23) 6010/7471 sol	pH 9040C (+T)	Solids Percent Dry Weight	AL MET WATER 6020/6010B/7470A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
 * Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.
 There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 28973

Relinquished by: <u>[Signature]</u>	Date: <u>4/19/12</u>	Time: <u>1830</u>	Received by: _____	Date: _____	Time: _____	Relinquished by: _____	Date: _____	Time: _____
Shipped Via: <u>[Signature]</u>			Shipped Via: _____			QC Deliverables (Please Circle One) : Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)		
Received for TestAmerica by: <u>[Signature]</u> TAN			Date: <u>4/19/12</u>	Time: <u>0800</u>	Temperature Upon Receipt: <u>59/51</u>	Sample Containers Intact? Y N		Date Due of Report: _____
						VOCs Free of Headspace? Y N		

Client: Haley & Aldrich (Lenexa)

Address: 8735 Rosehill Road, Suite 340

City, State, Zip: Lenexa KS 66215-6949

Client Invoice Contact: Accounts Payable

Client Project Mgr: Mariruth Gruis

Client Telephone#: (913) 217-6907 Fax: (913) 217-6957

Sampler Name (Print) John Knightly

Sampler Signature: [Signature]

TA Account #: 532031

PO #: _____

Invoice to: Haley & Aldrich

Report to: Mariruth Gruis

Project Name: Leeds Facility

Facility ID: [none]

Reg District (CA): _____

Site Address: _____

City, State, Zip: _____

Missouri

NWD0929

04/19/12 23:59

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative				Matrix				Analyze for																RUSH TAT (Pre Schedule)*
							Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	(Specify) Other	8015B Ethylene Glyco	8082 PCBs	8260B Extended List VOA	8270C Extended SV/VOA	Chromium, Hexavalent by EPA 7196	Cyanide Total 9012B	Flashpoint 1010 Closed Cup	Metals, TAL (23) 6010/7471 sol	pH 9040C (+T)	Solids Percent Dry Weight	
✓ 1 TP-03-SS-040912-00	4/9/12	1315	6	X			1	2							X		X	X	X	X	X	X		X	X						
✓ 2 TP-03-SS-040912-11	4/9/12	1413	6	X			1	2							X		X	X	X	X	X	X		X	X						
✓ 3 TP-09-SS-040912-00	4/9/12	1549	6	X			1	2							X		X	X	X	X	X	X		X	X						
✓ 4 TP-10-SS-040912-00	4/9/12	0945	6	X			1	2							X		X	X	X	X	X	X		X	X						
✓ 5 TP-10-SS-040912-06	4/9/12	1027	6	X			1	2							X		X	X	X	X	X	X		X	X						
✓ 6 TP-10-SS-040912-06-MS	4/9/12	1027	6	X			1	2							X		X	X	X	X	X	X		X	X						
✓ 7 TP-50-SS-040912-00	4/9/12		6	X			1	2							X		X	X	X	X	X	X		X	X						
✓ 8 TP-50-SS-040912-06	4/9/12		6	X			1	2							X		X	X	X	X	X	X		X	X						
✓ 9 TP-51-SS-040912-00	4/9/12		6	X			1	2							X		X	X	X	X	X	X		X	X						
✓ 10 TP-51-SS-040912-11	4/9/12		6	X			1	2							X		X	X	X	X	X	X		X	X						

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

NOTES/SPECIAL INSTRUCTIONS: BO # 28973

* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

Relinquished by: <u>[Signature]</u>	Date: <u>4/9/12</u>	Time: <u>1830</u>	Received by: _____	Date: _____	Time: _____	Relinquished by: _____	Date: _____	Time: _____
Shipped Via: _____			Shipped Via: _____			QC Deliverables (Please Circle One): Level 2 Level 3 Level 4 Site Specific		
Received for TestAmerica by: <u>[Signature]</u>			Temperature Upon Receipt: <u>3.9/5.1</u>			Sample Containers Intact? Y N		
			VOCs Free of Headspace? Y N			Date Due of Report: _____		

Client: **Haley & Aldrich (Lenexa)**

Address: **8735 Rosehill Road, Suite 340**

City, State, Zip: **Lenexa KS 66215-6949**

Client Invoice Contact: **Accounts Payable**

Client Project Mgr: **Mariruth Gruis**

Client Telephone#: **(913) 217-6907**

Fax: **(913) 217-6957**

Sampler Name (Print) **John Knightly**

Sampler Signature: **[Signature]**

TA Account #: **532031**

PO #: _____

Invoice to: **Haley & Aldrich**

Report to: **Mariruth Gruis**

Project Name: **Leeds Facility**

Facility ID: **[none]**

Reg District (CA): _____

Site Address: _____

City, State, Zip: _____

Missouri

Analyze for

Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Preservative							Matrix							Analyze for												AL MET WATER 80206010B/7470A
							Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	(Specify) Other	8015B Ethylene Glycol	8082 PCBs	8260B Extended List VOA	8270C Extended SVOA	Chromium, Hexavalent by EPA 7196	Cyanide Total 9012B	Flashpoint 1010 Closed Cup	Metals, TAL (23) 60107/471 soil	pH 9040C (+1)	Solids Percent Dry Weight			
TP-03-SS-040912-00	4/9/12	1315	6	X			1	2					3				X	X	X	X	X	X	X	X	X	X	X	X	X	X			
TP-03-SO-040912-11	4/9/12	1413	6	X			1	2					3				X	X	X	X	X	X	X	X	X	X	X	X	X	X			
TP-09-SS-040912-00	4/9/12	1549	6	X			1	2					3				X	X	X	X	X	X	X	X	X	X	X	X	X	X			
TP-10-SS-040912-00	4/9/12	0945	6	X			1	2					3				X	X	X	X	X	X	X	X	X	X	X	X	X	X			
TP-10-SO-040912-06	4/9/12	1027	6	X			1	2					3				X	X	X	X	X	X	X	X	X	X	X	X	X	X			
TP-10-SO-040912-06-MSD	4/9/12	1027	6	X			1	2					3				X	X	X	X	X	X	X	X	X	X	X	X	X	X			
TP-50-SO-040912-00	4/9/12		6	X			1	2					3				X	X	X	X	X	X	X	X	X	X	X	X	X	X			
TP-50-SO-040912-06	4/9/12		6	X			1	2					3				X	X	X	X	X	X	X	X	X	X	X	X	X	X			
TP-51-SS-040912-00	4/9/12		6	X			1	2					3				X	X	X	X	X	X	X	X	X	X	X	X	X	X			
TP-51-SO-040912-11	4/9/12		6	X			1	2					3				X	X	X	X	X	X	X	X	X	X	X	X	X	X			

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.

* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.

There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: **BO # 28973**

Relinquished by: [Signature]	Date: 4/9/12	Time: 1830	Received by: _____	Date: _____	Time: _____	Relinquished by: _____	Date: _____	Time: _____
Shipped Via: _____			Shipped Via: _____			QC Deliverables (Please Circle One): Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)		
Received for TestAmerica by: _____			Date: _____	Time: _____	Temperature Upon Receipt: _____	Sample Containers Intact? Y N VOCs Free of Headspace? Y N		
						Date Due of Report: _____		

Client: Haley & Aldrich (Lenexa)
Address: 8735 Rosehill Road, Suite 340
City, State, Zip: Lenexa KS 66215-6949
Client Invoice Contact: Accounts Payable
Client Project Mgr: Mariruth Gruis
Client Telephone#: (913) 217-6907 Fax: (913) 217-6957
Sampler Name (Print): John Kugshly
Sampler Signature: [Signature]

TA Account #: 532031 PO #: _____
Invoice to: Haley & Aldrich
Report to: Mariruth Gruis
Project Name: Leeds Facility
Facility ID: [none]
Reg District (CA): _____
Site Address: _____
City, State, Zip: Missouri

Sampler Signature: <u>John C. [Signature]</u>		Preservative										Matrix					Analyze for															RUSH TAT (Pre Schedule)
Sample ID	Date Sampled	Time Sampled	# Containers Shipped	Grab	Composite	Field Filtered	Methanol	Sodium Bisulfate	(Blue Label) HCL	(Orange Label) NaOH	(Yellow Label) Plastic H2SO4	(Yellow Label) Glass H2SO4	(Red Label) HNO3	(Black Label) None	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Water (specify) Other	8015B Ethylene Glycol	8082 PCBs	8260B Extended List VOA	8270C Extended SVOA	Chromium, Hexavalent by EPA 7196	Cyanide Total 9012B	Flashpoint 1010 Closed Cup	Metals, TAL (23) 6010/7471 soil	pH 9040C (+T)	Solids Percent Dry Weight	AL MET WATER 6020/6010B/7470A	
Trip Bank	-	-	2																	X												
Dumpster	4/11/12	1620	6	X			1	2						2						X												

COMMENTS: All turn around times are calculated from the time of receipt at TestAmerica.
* Pre-Arrangements must be made AT LEAST 48 Hours in ADVANCE to receive results with RUSH turn around time commitments; additional charges may be assessed.
There may be a charge assessed for TestAmerica disposing of sample remainders.

NOTES/SPECIAL INSTRUCTIONS: BO # 28973
Modified - Add analysis for "Dumpster"
Sample initially placed on hold - MAT

Relinquished by: <u>[Signature]</u>	Date: <u>4/19/12</u>	Time: <u>1830</u>	Received by:	Date:	Time:	Relinquished by:	Date:	Time:
Shipped Via:			Shipped Via:			QC Deliverables (Please Circle One): Level 2 Level 3 Level 4 Site Specific (If site specific, please pre-schedule w/ TestAmerica Project Manager or attach specific instructions)		
Received for TestAmerica by:			Date:	Time:	Temperature Upon Receipt:	Sample Containers Intact? Y N VOCs Free of Headpace? Y N		Date Due of Report:

4/16/12