

TestAmerica

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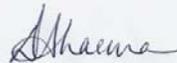
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-37099-1
Client Project/Site: Fairfield

For:
Ground Zero Analysis Inc
1714 Main St
Escalon, California 95320

Attn: Mr. Sam Brathwaite



Authorized for release by:
08/30/2011 03:55:41 PM

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Definitions/Glossary

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

GC Semi VOA

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

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
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit (Dioxin)
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or method detection limit if shown)
PQL	Practical Quantitation Limit
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)

Case Narrative

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Job ID: 720-37099-1

Laboratory: TestAmerica San Francisco

Narrative

Job Narrative
720-37099-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method 8260B: Surrogate recovery for the following sample was outside the control limits due to bad matrix(Hydrocarbon): GC-1-5'-3" (720-37099-2), GC-1A-S-3' (720-37099-6). Evidence of matrix interference is present.

Method 8260B: The Gasoline Range Organics (GRO) concentration reported for the following sample is due to the presence of discrete peaks: GC-2-GW-23' (720-37099-4).

No other analytical or quality issues were noted.

GC VOA

No analytical or quality issues were noted.

GC Semi VOA

Method 8015B: Due to the level of dilution required for the following sample, surrogate recoveries are not reported: (720-37121-2 MS), (720-37121-2 MSD), GC-1A-S-3' (720-37099-6), MB-99-10.0 (720-37121-2).

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.



Detection Summary

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Client Sample ID: TB-082311

Lab Sample ID: 720-37099-1

No Detections

Client Sample ID: GC-1-5'-3"

Lab Sample ID: 720-37099-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO) -C5-C12	280000		24000		ug/Kg	100		8260B/CA_LUFTM	Total/NA
sec-Butylbenzene	1300		24		ug/Kg	1		8260B	Total/NA
tert-Butylbenzene	91		24		ug/Kg	1		8260B	Total/NA
Isopropylbenzene	500		24		ug/Kg	1		8260B	Total/NA
N-Propylbenzene	290		24		ug/Kg	1		8260B	Total/NA
Diesel Range Organics [C10-C28]	170		2.0		mg/Kg	2		8015B	Total/NA
Stoddard Solvent Range Organics (C9-C13)	210		2.0		mg/Kg	2		8015B	Total/NA

Client Sample ID: GC-2-GW-10'

Lab Sample ID: 720-37099-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
sec-Butylbenzene	150		1.0		ug/L	1		8260B	Total/NA
tert-Butylbenzene	9.1		1.0		ug/L	1		8260B	Total/NA
1,2-Dichlorobenzene	0.82		0.50		ug/L	1		8260B	Total/NA
Ethylbenzene	0.51		0.50		ug/L	1		8260B	Total/NA
Isopropylbenzene	47		0.50		ug/L	1		8260B	Total/NA
N-Propylbenzene	100		1.0		ug/L	1		8260B	Total/NA
1,3,5-Trimethylbenzene	1.1		0.50		ug/L	1		8260B	Total/NA
Gasoline Range Organics (GRO) -C5-C12	24000		2500		ug/L	50		8260B	Total/NA

Client Sample ID: GC-2-GW-23'

Lab Sample ID: 720-37099-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	16		0.50		ug/L	1		8260B	Total/NA
Tetrachloroethene	75		0.50		ug/L	1		8260B	Total/NA
Trichloroethene	7.0		0.50		ug/L	1		8260B	Total/NA
Gasoline Range Organics (GRO) -C5-C12	110		50		ug/L	1		8260B	Total/NA

Client Sample ID: GC-1-GW-22.5'

Lab Sample ID: 720-37099-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	50		0.50		ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.8		0.50		ug/L	1		8260B	Total/NA
Tetrachloroethene	670		10		ug/L	1		8260B	Total/NA
Trichloroethene	22		0.50		ug/L	1		8260B	Total/NA
Vinyl chloride	2.1		0.50		ug/L	1		8260B	Total/NA

Client Sample ID: GC-1A-S-3'

Lab Sample ID: 720-37099-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
sec-Butylbenzene	2200		490		ug/Kg	100		8260B/CA_LUFTM	Total/NA
N-Propylbenzene	2300		490		ug/Kg	100		8260B/CA_LUFTM	Total/NA
Gasoline Range Organics (GRO) -C5-C12	310000		25000		ug/Kg	100		8260B/CA_LUFTM	Total/NA
n-Butylbenzene	880		24		ug/Kg	1		8260B	Total/NA
tert-Butylbenzene	180		24		ug/Kg	1		8260B	Total/NA
1,2-Dibromo-3-Chloropropane	70		24		ug/Kg	1		8260B	Total/NA

Detection Summary

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Client Sample ID: GC-1A-S-3' (Continued)

Lab Sample ID: 720-37099-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Isopropylbenzene	1200		24		ug/Kg	1		8260B	Total/NA
Diesel Range Organics [C10-C28]	450		5.0		mg/Kg	5		8015B	Total/NA
Stoddard Solvent Range Organics (C9-C13)	610		5.0		mg/Kg	5		8015B	Total/NA

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Client Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Client Sample ID: GC-1-5'-3"
Date Collected: 08/23/11 11:15
Date Received: 08/23/11 17:20

Lab Sample ID: 720-37099-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C5-C12	280000		24000		ug/Kg		08/29/11 08:00	08/29/11 14:17	100
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	131		66 - 148				08/29/11 08:00	08/29/11 14:17	100
1,2-Dichloroethane-d4 (Surr)	87		62 - 137				08/29/11 08:00	08/29/11 14:17	100
Toluene-d8 (Surr)	97		65 - 141				08/29/11 08:00	08/29/11 14:17	100

Client Sample ID: GC-1A-S-3'
Date Collected: 08/23/11 14:50
Date Received: 08/23/11 17:20

Lab Sample ID: 720-37099-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	2200		490		ug/Kg		08/29/11 08:00	08/29/11 13:46	100
N-Propylbenzene	2300		490		ug/Kg		08/29/11 08:00	08/29/11 13:46	100
Gasoline Range Organics (GRO) -C5-C12	310000		25000		ug/Kg		08/29/11 08:00	08/29/11 13:46	100
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	129		66 - 148				08/29/11 08:00	08/29/11 13:46	100
1,2-Dichloroethane-d4 (Surr)	92		62 - 137				08/29/11 08:00	08/29/11 13:46	100
Toluene-d8 (Surr)	98		65 - 141				08/29/11 08:00	08/29/11 13:46	100

Client Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TB-082311
Date Collected: 08/23/11 00:00
Date Received: 08/23/11 17:20

Lab Sample ID: 720-37099-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/25/11 15:00	1
Acetone	ND		50		ug/L			08/25/11 15:00	1
Benzene	ND		0.50		ug/L			08/25/11 15:00	1
Dichlorobromomethane	ND		0.50		ug/L			08/25/11 15:00	1
Bromobenzene	ND		1.0		ug/L			08/25/11 15:00	1
Chlorobromomethane	ND		1.0		ug/L			08/25/11 15:00	1
Bromoform	ND		1.0		ug/L			08/25/11 15:00	1
Bromomethane	ND		1.0		ug/L			08/25/11 15:00	1
2-Butanone (MEK)	ND		50		ug/L			08/25/11 15:00	1
n-Butylbenzene	ND		1.0		ug/L			08/25/11 15:00	1
sec-Butylbenzene	ND		1.0		ug/L			08/25/11 15:00	1
tert-Butylbenzene	ND		1.0		ug/L			08/25/11 15:00	1
Carbon disulfide	ND		5.0		ug/L			08/25/11 15:00	1
Carbon tetrachloride	ND		0.50		ug/L			08/25/11 15:00	1
Chlorobenzene	ND		0.50		ug/L			08/25/11 15:00	1
Chloroethane	ND		1.0		ug/L			08/25/11 15:00	1
Chloroform	ND		1.0		ug/L			08/25/11 15:00	1
Chloromethane	ND		1.0		ug/L			08/25/11 15:00	1
2-Chlorotoluene	ND		0.50		ug/L			08/25/11 15:00	1
4-Chlorotoluene	ND		0.50		ug/L			08/25/11 15:00	1
Chlorodibromomethane	ND		0.50		ug/L			08/25/11 15:00	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/25/11 15:00	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/25/11 15:00	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/25/11 15:00	1
1,3-Dichloropropane	ND		1.0		ug/L			08/25/11 15:00	1
1,1-Dichloropropene	ND		0.50		ug/L			08/25/11 15:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/25/11 15:00	1
Ethylene Dibromide	ND		0.50		ug/L			08/25/11 15:00	1
Dibromomethane	ND		0.50		ug/L			08/25/11 15:00	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/25/11 15:00	1
1,1-Dichloroethane	ND		0.50		ug/L			08/25/11 15:00	1
1,2-Dichloroethane	ND		0.50		ug/L			08/25/11 15:00	1
1,1-Dichloroethene	ND		0.50		ug/L			08/25/11 15:00	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/25/11 15:00	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/25/11 15:00	1
1,2-Dichloropropane	ND		0.50		ug/L			08/25/11 15:00	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/25/11 15:00	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/25/11 15:00	1
Ethylbenzene	ND		0.50		ug/L			08/25/11 15:00	1
Hexachlorobutadiene	ND		1.0		ug/L			08/25/11 15:00	1
2-Hexanone	ND		50		ug/L			08/25/11 15:00	1
Isopropylbenzene	ND		0.50		ug/L			08/25/11 15:00	1
4-Isopropyltoluene	ND		1.0		ug/L			08/25/11 15:00	1
Methylene Chloride	ND		5.0		ug/L			08/25/11 15:00	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/25/11 15:00	1
Naphthalene	ND		1.0		ug/L			08/25/11 15:00	1
N-Propylbenzene	ND		1.0		ug/L			08/25/11 15:00	1
Styrene	ND		0.50		ug/L			08/25/11 15:00	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/25/11 15:00	1

Client Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB-082311
Date Collected: 08/23/11 00:00
Date Received: 08/23/11 17:20

Lab Sample ID: 720-37099-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/25/11 15:00	1
Tetrachloroethene	ND		0.50		ug/L			08/25/11 15:00	1
Toluene	ND		0.50		ug/L			08/25/11 15:00	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/25/11 15:00	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/25/11 15:00	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/25/11 15:00	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/25/11 15:00	1
Trichloroethene	ND		0.50		ug/L			08/25/11 15:00	1
Trichlorofluoromethane	ND		1.0		ug/L			08/25/11 15:00	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/25/11 15:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/25/11 15:00	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/25/11 15:00	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/25/11 15:00	1
Vinyl acetate	ND		10		ug/L			08/25/11 15:00	1
Vinyl chloride	ND		0.50		ug/L			08/25/11 15:00	1
Xylenes, Total	ND		1.0		ug/L			08/25/11 15:00	1
2,2-Dichloropropane	ND		0.50		ug/L			08/25/11 15:00	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/25/11 15:00	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		67 - 130					08/25/11 15:00	1
1,2-Dichloroethane-d4 (Surr)	91		67 - 130					08/25/11 15:00	1
Toluene-d8 (Surr)	100		70 - 130					08/25/11 15:00	1

Client Sample ID: GC-1-5'-3"
Date Collected: 08/23/11 11:15
Date Received: 08/23/11 17:20

Lab Sample ID: 720-37099-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Acetone	ND		240		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Benzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Dichlorobromomethane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Bromobenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Chlorobromomethane	ND		94		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Bromoform	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Bromomethane	ND		47		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
2-Butanone (MEK)	ND		240		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
n-Butylbenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
sec-Butylbenzene	1300		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
tert-Butylbenzene	91		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Carbon disulfide	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Carbon tetrachloride	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Chlorobenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Chloroethane	ND		47		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Chloroform	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Chloromethane	ND		47		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
2-Chlorotoluene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
4-Chlorotoluene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1

Client Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: GC-1-5'-3"
Date Collected: 08/23/11 11:15
Date Received: 08/23/11 17:20

Lab Sample ID: 720-37099-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
1,2-Dichlorobenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
1,3-Dichlorobenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
1,4-Dichlorobenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
1,3-Dichloropropane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
1,1-Dichloropropene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
1,2-Dibromo-3-Chloropropane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Ethylene Dibromide	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Dibromomethane	ND		47		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Dichlorodifluoromethane	ND		47		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
1,1-Dichloroethane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
1,2-Dichloroethane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
1,1-Dichloroethene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
cis-1,2-Dichloroethene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
trans-1,2-Dichloroethene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
1,2-Dichloropropane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
cis-1,3-Dichloropropene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
trans-1,3-Dichloropropene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Ethylbenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Hexachlorobutadiene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
2-Hexanone	ND		240		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Isopropylbenzene	500		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
4-Isopropyltoluene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Methylene Chloride	ND		47		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
4-Methyl-2-pentanone (MIBK)	ND		240		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Naphthalene	ND		47		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
N-Propylbenzene	290		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Styrene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
1,1,1,2-Tetrachloroethane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
1,1,2,2-Tetrachloroethane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Tetrachloroethene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Toluene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
1,2,3-Trichlorobenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
1,2,4-Trichlorobenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
1,1,1-Trichloroethane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
1,1,2-Trichloroethane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Trichloroethene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Trichlorofluoromethane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
1,2,3-Trichloropropane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
1,2,4-Trimethylbenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
1,3,5-Trimethylbenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Vinyl acetate	ND		240		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Vinyl chloride	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Xylenes, Total	ND		47		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
2,2-Dichloropropane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 05:07	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	0	X	45 - 131				08/24/11 14:13	08/25/11 05:07	1

Client Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: GC-1-5'-3"
Date Collected: 08/23/11 11:15
Date Received: 08/23/11 17:20

Lab Sample ID: 720-37099-2
Matrix: Solid

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		60 - 140	08/24/11 14:13	08/25/11 05:07	1
Toluene-d8 (Surr)	108		58 - 140	08/24/11 14:13	08/25/11 05:07	1

Client Sample ID: GC-2-GW-10'
Date Collected: 08/23/11 11:30
Date Received: 08/23/11 17:20

Lab Sample ID: 720-37099-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/25/11 03:51	1
Acetone	ND		50		ug/L			08/25/11 03:51	1
Benzene	ND		0.50		ug/L			08/25/11 03:51	1
Dichlorobromomethane	ND		0.50		ug/L			08/25/11 03:51	1
Bromobenzene	ND		1.0		ug/L			08/25/11 03:51	1
Chlorobromomethane	ND		1.0		ug/L			08/25/11 03:51	1
Bromoform	ND		1.0		ug/L			08/25/11 03:51	1
Bromomethane	ND		1.0		ug/L			08/25/11 03:51	1
2-Butanone (MEK)	ND		50		ug/L			08/25/11 03:51	1
n-Butylbenzene	ND		1.0		ug/L			08/25/11 03:51	1
sec-Butylbenzene	150		1.0		ug/L			08/25/11 03:51	1
tert-Butylbenzene	9.1		1.0		ug/L			08/25/11 03:51	1
Carbon disulfide	ND		5.0		ug/L			08/25/11 03:51	1
Carbon tetrachloride	ND		0.50		ug/L			08/25/11 03:51	1
Chlorobenzene	ND		0.50		ug/L			08/25/11 03:51	1
Chloroethane	ND		1.0		ug/L			08/25/11 03:51	1
Chloroform	ND		1.0		ug/L			08/25/11 03:51	1
Chloromethane	ND		1.0		ug/L			08/25/11 03:51	1
2-Chlorotoluene	ND		0.50		ug/L			08/25/11 03:51	1
4-Chlorotoluene	ND		0.50		ug/L			08/25/11 03:51	1
Chlorodibromomethane	ND		0.50		ug/L			08/25/11 03:51	1
1,2-Dichlorobenzene	0.82		0.50		ug/L			08/25/11 03:51	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/25/11 03:51	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/25/11 03:51	1
1,3-Dichloropropane	ND		1.0		ug/L			08/25/11 03:51	1
1,1-Dichloropropene	ND		0.50		ug/L			08/25/11 03:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/25/11 03:51	1
Ethylene Dibromide	ND		0.50		ug/L			08/25/11 03:51	1
Dibromomethane	ND		0.50		ug/L			08/25/11 03:51	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/25/11 03:51	1
1,1-Dichloroethane	ND		0.50		ug/L			08/25/11 03:51	1
1,2-Dichloroethane	ND		0.50		ug/L			08/25/11 03:51	1
1,1-Dichloroethene	ND		0.50		ug/L			08/25/11 03:51	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/25/11 03:51	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/25/11 03:51	1
1,2-Dichloropropane	ND		0.50		ug/L			08/25/11 03:51	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/25/11 03:51	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/25/11 03:51	1
Ethylbenzene	0.51		0.50		ug/L			08/25/11 03:51	1
Hexachlorobutadiene	ND		1.0		ug/L			08/25/11 03:51	1
2-Hexanone	ND		50		ug/L			08/25/11 03:51	1

Client Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: GC-2-GW-10'

Date Collected: 08/23/11 11:30

Date Received: 08/23/11 17:20

Lab Sample ID: 720-37099-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	47		0.50		ug/L			08/25/11 03:51	1
4-Isopropyltoluene	ND		1.0		ug/L			08/25/11 03:51	1
Methylene Chloride	ND		5.0		ug/L			08/25/11 03:51	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/25/11 03:51	1
Naphthalene	ND		1.0		ug/L			08/25/11 03:51	1
N-Propylbenzene	100		1.0		ug/L			08/25/11 03:51	1
Styrene	ND		0.50		ug/L			08/25/11 03:51	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/25/11 03:51	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/25/11 03:51	1
Tetrachloroethene	ND		0.50		ug/L			08/25/11 03:51	1
Toluene	ND		0.50		ug/L			08/25/11 03:51	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/25/11 03:51	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/25/11 03:51	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/25/11 03:51	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/25/11 03:51	1
Trichloroethene	ND		0.50		ug/L			08/25/11 03:51	1
Trichlorofluoromethane	ND		1.0		ug/L			08/25/11 03:51	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/25/11 03:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/25/11 03:51	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/25/11 03:51	1
1,3,5-Trimethylbenzene	1.1		0.50		ug/L			08/25/11 03:51	1
Vinyl acetate	ND		10		ug/L			08/25/11 03:51	1
Vinyl chloride	ND		0.50		ug/L			08/25/11 03:51	1
Xylenes, Total	ND		1.0		ug/L			08/25/11 03:51	1
2,2-Dichloropropane	ND		0.50		ug/L			08/25/11 03:51	1
Gasoline Range Organics (GRO)	24000		2500		ug/L			08/27/11 15:44	50

-C5-C12

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	35	X	67 - 130		08/25/11 03:51	1
4-Bromofluorobenzene	110		67 - 130		08/27/11 15:44	50
1,2-Dichloroethane-d4 (Surr)	96		67 - 130		08/25/11 03:51	1
1,2-Dichloroethane-d4 (Surr)	117		67 - 130		08/27/11 15:44	50
Toluene-d8 (Surr)	105		70 - 130		08/25/11 03:51	1
Toluene-d8 (Surr)	99		70 - 130		08/27/11 15:44	50

Client Sample ID: GC-2-GW-23'

Date Collected: 08/23/11 13:10

Date Received: 08/23/11 17:20

Lab Sample ID: 720-37099-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/25/11 04:21	1
Acetone	ND		50		ug/L			08/25/11 04:21	1
Benzene	ND		0.50		ug/L			08/25/11 04:21	1
Dichlorobromomethane	ND		0.50		ug/L			08/25/11 04:21	1
Bromobenzene	ND		1.0		ug/L			08/25/11 04:21	1
Chlorobromomethane	ND		1.0		ug/L			08/25/11 04:21	1
Bromoform	ND		1.0		ug/L			08/25/11 04:21	1
Bromomethane	ND		1.0		ug/L			08/25/11 04:21	1
2-Butanone (MEK)	ND		50		ug/L			08/25/11 04:21	1

Client Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: GC-2-GW-23'

Date Collected: 08/23/11 13:10

Date Received: 08/23/11 17:20

Lab Sample ID: 720-37099-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		1.0		ug/L			08/25/11 04:21	1
sec-Butylbenzene	ND		1.0		ug/L			08/25/11 04:21	1
tert-Butylbenzene	ND		1.0		ug/L			08/25/11 04:21	1
Carbon disulfide	ND		5.0		ug/L			08/25/11 04:21	1
Carbon tetrachloride	ND		0.50		ug/L			08/25/11 04:21	1
Chlorobenzene	ND		0.50		ug/L			08/25/11 04:21	1
Chloroethane	ND		1.0		ug/L			08/25/11 04:21	1
Chloroform	ND		1.0		ug/L			08/25/11 04:21	1
Chloromethane	ND		1.0		ug/L			08/25/11 04:21	1
2-Chlorotoluene	ND		0.50		ug/L			08/25/11 04:21	1
4-Chlorotoluene	ND		0.50		ug/L			08/25/11 04:21	1
Chlorodibromomethane	ND		0.50		ug/L			08/25/11 04:21	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/25/11 04:21	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/25/11 04:21	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/25/11 04:21	1
1,3-Dichloropropane	ND		1.0		ug/L			08/25/11 04:21	1
1,1-Dichloropropene	ND		0.50		ug/L			08/25/11 04:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/25/11 04:21	1
Ethylene Dibromide	ND		0.50		ug/L			08/25/11 04:21	1
Dibromomethane	ND		0.50		ug/L			08/25/11 04:21	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/25/11 04:21	1
1,1-Dichloroethane	ND		0.50		ug/L			08/25/11 04:21	1
1,2-Dichloroethane	ND		0.50		ug/L			08/25/11 04:21	1
1,1-Dichloroethene	ND		0.50		ug/L			08/25/11 04:21	1
cis-1,2-Dichloroethene	16		0.50		ug/L			08/25/11 04:21	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/25/11 04:21	1
1,2-Dichloropropane	ND		0.50		ug/L			08/25/11 04:21	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/25/11 04:21	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/25/11 04:21	1
Ethylbenzene	ND		0.50		ug/L			08/25/11 04:21	1
Hexachlorobutadiene	ND		1.0		ug/L			08/25/11 04:21	1
2-Hexanone	ND		50		ug/L			08/25/11 04:21	1
Isopropylbenzene	ND		0.50		ug/L			08/25/11 04:21	1
4-Isopropyltoluene	ND		1.0		ug/L			08/25/11 04:21	1
Methylene Chloride	ND		5.0		ug/L			08/25/11 04:21	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/25/11 04:21	1
Naphthalene	ND		1.0		ug/L			08/25/11 04:21	1
N-Propylbenzene	ND		1.0		ug/L			08/25/11 04:21	1
Styrene	ND		0.50		ug/L			08/25/11 04:21	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/25/11 04:21	1
1,1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/25/11 04:21	1
Tetrachloroethene	75		0.50		ug/L			08/25/11 04:21	1
Toluene	ND		0.50		ug/L			08/25/11 04:21	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/25/11 04:21	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/25/11 04:21	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/25/11 04:21	1
1,1,1,2-Trichloroethane	ND		0.50		ug/L			08/25/11 04:21	1
Trichloroethene	7.0		0.50		ug/L			08/25/11 04:21	1
Trichlorofluoromethane	ND		1.0		ug/L			08/25/11 04:21	1

Client Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: GC-2-GW-23'

Date Collected: 08/23/11 13:10

Date Received: 08/23/11 17:20

Lab Sample ID: 720-37099-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		0.50		ug/L			08/25/11 04:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/25/11 04:21	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/25/11 04:21	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/25/11 04:21	1
Vinyl acetate	ND		10		ug/L			08/25/11 04:21	1
Vinyl chloride	ND		0.50		ug/L			08/25/11 04:21	1
Xylenes, Total	ND		1.0		ug/L			08/25/11 04:21	1
2,2-Dichloropropane	ND		0.50		ug/L			08/25/11 04:21	1
Gasoline Range Organics (GRO) -C5-C12	110		50		ug/L			08/27/11 16:13	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		67 - 130		08/25/11 04:21	1
4-Bromofluorobenzene	100		67 - 130		08/27/11 16:13	1
1,2-Dichloroethane-d4 (Surr)	91		67 - 130		08/25/11 04:21	1
1,2-Dichloroethane-d4 (Surr)	117		67 - 130		08/27/11 16:13	1
Toluene-d8 (Surr)	102		70 - 130		08/25/11 04:21	1
Toluene-d8 (Surr)	99		70 - 130		08/27/11 16:13	1

Client Sample ID: GC-1-GW-22.5'

Date Collected: 08/23/11 14:25

Date Received: 08/23/11 17:20

Lab Sample ID: 720-37099-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/25/11 04:52	1
Acetone	ND		50		ug/L			08/25/11 04:52	1
Benzene	ND		0.50		ug/L			08/25/11 04:52	1
Dichlorobromomethane	ND		0.50		ug/L			08/25/11 04:52	1
Bromobenzene	ND		1.0		ug/L			08/25/11 04:52	1
Chlorobromomethane	ND		1.0		ug/L			08/25/11 04:52	1
Bromoform	ND		1.0		ug/L			08/25/11 04:52	1
Bromomethane	ND		1.0		ug/L			08/25/11 04:52	1
2-Butanone (MEK)	ND		50		ug/L			08/25/11 04:52	1
n-Butylbenzene	ND		1.0		ug/L			08/25/11 04:52	1
sec-Butylbenzene	ND		1.0		ug/L			08/25/11 04:52	1
tert-Butylbenzene	ND		1.0		ug/L			08/25/11 04:52	1
Carbon disulfide	ND		5.0		ug/L			08/25/11 04:52	1
Carbon tetrachloride	ND		0.50		ug/L			08/25/11 04:52	1
Chlorobenzene	ND		0.50		ug/L			08/25/11 04:52	1
Chloroethane	ND		1.0		ug/L			08/25/11 04:52	1
Chloroform	ND		1.0		ug/L			08/25/11 04:52	1
Chloromethane	ND		1.0		ug/L			08/25/11 04:52	1
2-Chlorotoluene	ND		0.50		ug/L			08/25/11 04:52	1
4-Chlorotoluene	ND		0.50		ug/L			08/25/11 04:52	1
Chlorodibromomethane	ND		0.50		ug/L			08/25/11 04:52	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/25/11 04:52	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/25/11 04:52	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/25/11 04:52	1
1,3-Dichloropropane	ND		1.0		ug/L			08/25/11 04:52	1
1,1-Dichloropropene	ND		0.50		ug/L			08/25/11 04:52	1

Client Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: GC-1-GW-22.5'

Date Collected: 08/23/11 14:25

Date Received: 08/23/11 17:20

Lab Sample ID: 720-37099-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/25/11 04:52	1
Ethylene Dibromide	ND		0.50		ug/L			08/25/11 04:52	1
Dibromomethane	ND		0.50		ug/L			08/25/11 04:52	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/25/11 04:52	1
1,1-Dichloroethane	ND		0.50		ug/L			08/25/11 04:52	1
1,2-Dichloroethane	ND		0.50		ug/L			08/25/11 04:52	1
1,1-Dichloroethene	ND		0.50		ug/L			08/25/11 04:52	1
cis-1,2-Dichloroethene	50		0.50		ug/L			08/25/11 04:52	1
trans-1,2-Dichloroethene	1.8		0.50		ug/L			08/25/11 04:52	1
1,2-Dichloropropane	ND		0.50		ug/L			08/25/11 04:52	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/25/11 04:52	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/25/11 04:52	1
Ethylbenzene	ND		0.50		ug/L			08/25/11 04:52	1
Hexachlorobutadiene	ND		1.0		ug/L			08/25/11 04:52	1
2-Hexanone	ND		50		ug/L			08/25/11 04:52	1
Isopropylbenzene	ND		0.50		ug/L			08/25/11 04:52	1
4-Isopropyltoluene	ND		1.0		ug/L			08/25/11 04:52	1
Methylene Chloride	ND		5.0		ug/L			08/25/11 04:52	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/25/11 04:52	1
Naphthalene	ND		1.0		ug/L			08/25/11 04:52	1
N-Propylbenzene	ND		1.0		ug/L			08/25/11 04:52	1
Styrene	ND		0.50		ug/L			08/25/11 04:52	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/25/11 04:52	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/25/11 04:52	1
Tetrachloroethene	670		10		ug/L			08/29/11 13:49	1
Toluene	ND		0.50		ug/L			08/25/11 04:52	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/25/11 04:52	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/25/11 04:52	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/25/11 04:52	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/25/11 04:52	1
Trichloroethene	22		0.50		ug/L			08/25/11 04:52	1
Trichlorofluoromethane	ND		1.0		ug/L			08/25/11 04:52	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/25/11 04:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/25/11 04:52	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/25/11 04:52	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/25/11 04:52	1
Vinyl acetate	ND		10		ug/L			08/25/11 04:52	1
Vinyl chloride	2.1		0.50		ug/L			08/25/11 04:52	1
Xylenes, Total	ND		1.0		ug/L			08/25/11 04:52	1
2,2-Dichloropropane	ND		0.50		ug/L			08/25/11 04:52	1
Gasoline Range Organics (GRO) -C5-C12	ND		1000		ug/L			08/29/11 13:49	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		67 - 130		08/25/11 04:52	1
4-Bromofluorobenzene	93		67 - 130		08/29/11 13:49	1
1,2-Dichloroethane-d4 (Surr)	90		67 - 130		08/25/11 04:52	1
1,2-Dichloroethane-d4 (Surr)	94		67 - 130		08/29/11 13:49	1
Toluene-d8 (Surr)	102		70 - 130		08/25/11 04:52	1
Toluene-d8 (Surr)	99		70 - 130		08/29/11 13:49	1

Client Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GC-1A-S-3'

Date Collected: 08/23/11 14:50

Date Received: 08/23/11 17:20

Lab Sample ID: 720-37099-6

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Acetone	ND		240		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Benzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Dichlorobromomethane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Bromobenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Chlorobromomethane	ND		96		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Bromoform	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Bromomethane	ND		48		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
2-Butanone (MEK)	ND		240		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
n-Butylbenzene	880		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
tert-Butylbenzene	180		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Carbon disulfide	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Carbon tetrachloride	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Chlorobenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Chloroethane	ND		48		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Chloroform	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Chloromethane	ND		48		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
2-Chlorotoluene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
4-Chlorotoluene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Chlorodibromomethane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
1,2-Dichlorobenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
1,3-Dichlorobenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
1,4-Dichlorobenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
1,3-Dichloropropane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
1,1-Dichloropropene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
1,2-Dibromo-3-Chloropropane	70		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Ethylene Dibromide	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Dibromomethane	ND		48		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Dichlorodifluoromethane	ND		48		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
1,1-Dichloroethane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
1,2-Dichloroethane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
1,1-Dichloroethene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
cis-1,2-Dichloroethene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
trans-1,2-Dichloroethene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
1,2-Dichloropropane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
cis-1,3-Dichloropropene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
trans-1,3-Dichloropropene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Ethylbenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Hexachlorobutadiene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
2-Hexanone	ND		240		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Isopropylbenzene	1200		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
4-Isopropyltoluene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Methylene Chloride	ND		48		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
4-Methyl-2-pentanone (MIBK)	ND		240		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Naphthalene	ND		48		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Styrene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
1,1,1,2-Tetrachloroethane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
1,1,2,2-Tetrachloroethane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Tetrachloroethene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1

Client Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: GC-1A-S-3'
Date Collected: 08/23/11 14:50
Date Received: 08/23/11 17:20

Lab Sample ID: 720-37099-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
1,2,3-Trichlorobenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
1,2,4-Trichlorobenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
1,1,1-Trichloroethane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
1,1,2-Trichloroethane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Trichloroethene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Trichlorofluoromethane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
1,2,3-Trichloropropane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
1,2,4-Trimethylbenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
1,3,5-Trimethylbenzene	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Vinyl acetate	ND		240		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Vinyl chloride	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Xylenes, Total	ND		48		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
2,2-Dichloropropane	ND		24		ug/Kg		08/24/11 14:13	08/25/11 04:35	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	0	X	45 - 131				08/24/11 14:13	08/25/11 04:35	1
1,2-Dichloroethane-d4 (Surr)	102		60 - 140				08/24/11 14:13	08/25/11 04:35	1
Toluene-d8 (Surr)	109		58 - 140				08/24/11 14:13	08/25/11 04:35	1

Client Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: GC-1-5'-3"
Date Collected: 08/23/11 11:15
Date Received: 08/23/11 17:20

Lab Sample ID: 720-37099-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	170		2.0		mg/Kg		08/25/11 09:07	08/26/11 12:16	2
Stoddard Solvent Range Organics (C9-C13)	210		2.0		mg/Kg		08/25/11 09:07	08/26/11 12:16	2
Motor Oil Range Organics [C24-C36]	ND		99		mg/Kg		08/25/11 09:07	08/26/11 12:16	2
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	59		50 - 150				08/25/11 09:07	08/26/11 12:16	2

Client Sample ID: GC-1A-S-3'
Date Collected: 08/23/11 14:50
Date Received: 08/23/11 17:20

Lab Sample ID: 720-37099-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	450		5.0		mg/Kg		08/25/11 09:07	08/26/11 12:40	5
Stoddard Solvent Range Organics (C9-C13)	610		5.0		mg/Kg		08/25/11 09:07	08/26/11 12:40	5
Motor Oil Range Organics [C24-C36]	ND		250		mg/Kg		08/25/11 09:07	08/26/11 12:40	5
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	0	D	50 - 150				08/25/11 09:07	08/26/11 12:40	5

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-97869/1-A

Matrix: Solid

Analysis Batch: 97875

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97869

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Acetone	ND		50		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Benzene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Dichlorobromomethane	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Bromobenzene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Chlorobromomethane	ND		20		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Bromoform	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Bromomethane	ND		10		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
2-Butanone (MEK)	ND		50		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
n-Butylbenzene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
sec-Butylbenzene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
tert-Butylbenzene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Carbon disulfide	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Carbon tetrachloride	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Chlorobenzene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Chloroethane	ND		10		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Chloroform	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Chloromethane	ND		10		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
2-Chlorotoluene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
4-Chlorotoluene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Chlorodibromomethane	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
1,3-Dichloropropane	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
1,1-Dichloropropene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Ethylene Dibromide	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Dibromomethane	ND		10		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Dichlorodifluoromethane	ND		10		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
1,1-Dichloroethane	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
1,2-Dichloroethane	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
1,1-Dichloroethene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
1,2-Dichloropropane	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Ethylbenzene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Hexachlorobutadiene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
2-Hexanone	ND		50		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Isopropylbenzene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
4-Isopropyltoluene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Methylene Chloride	ND		10		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Naphthalene	ND		10		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
N-Propylbenzene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Styrene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-97869/1-A

Matrix: Solid

Analysis Batch: 97875

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97869

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Tetrachloroethane	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Toluene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Trichloroethene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Trichlorofluoromethane	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Vinyl acetate	ND		50		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Vinyl chloride	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Xylenes, Total	ND		10		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
2,2-Dichloropropane	ND		5.0		ug/Kg		08/24/11 14:13	08/24/11 18:58	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		08/24/11 14:13	08/24/11 18:58	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
4-Bromofluorobenzene	103		45 - 131	08/24/11 14:13	08/24/11 18:58	1
1,2-Dichloroethane-d4 (Surr)	124		60 - 140	08/24/11 14:13	08/24/11 18:58	1
Toluene-d8 (Surr)	105		58 - 140	08/24/11 14:13	08/24/11 18:58	1

Lab Sample ID: LCS 720-97869/2-A

Matrix: Solid

Analysis Batch: 97875

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97869

Analyte	Spike Added	LCS	LCS	Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Methyl tert-butyl ether	50.0	60.8		ug/Kg		122	71 - 144
Acetone	250	251		ug/Kg		101	30 - 162
Benzene	50.0	48.8		ug/Kg		98	82 - 124
Dichlorobromomethane	50.0	60.4		ug/Kg		121	86 - 131
Bromobenzene	50.0	52.8		ug/Kg		106	88 - 120
Chlorobromomethane	50.0	54.8		ug/Kg		110	81 - 116
Bromoform	50.0	66.4		ug/Kg		133	59 - 158
Bromomethane	50.0	49.4		ug/Kg		99	59 - 132
2-Butanone (MEK)	250	280		ug/Kg		112	61 - 150
n-Butylbenzene	50.0	54.4		ug/Kg		109	80 - 142
sec-Butylbenzene	50.0	53.0		ug/Kg		106	85 - 136
tert-Butylbenzene	50.0	54.0		ug/Kg		108	71 - 130
Carbon disulfide	50.0	48.6		ug/Kg		97	60 - 136
Carbon tetrachloride	50.0	58.0		ug/Kg		116	81 - 138
Chlorobenzene	50.0	51.2		ug/Kg		102	87 - 113
Chloroethane	50.0	49.8		ug/Kg		100	65 - 126
Chloroform	50.0	54.2		ug/Kg		108	77 - 127
Chloromethane	50.0	44.6		ug/Kg		89	60 - 149
2-Chlorotoluene	50.0	53.6		ug/Kg		107	80 - 138
4-Chlorotoluene	50.0	52.6		ug/Kg		105	79 - 136

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-97869/2-A

Matrix: Solid

Analysis Batch: 97875

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97869

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.
							Limits
Chlorodibromomethane	50.0	58.8		ug/Kg		118	75 - 146
1,2-Dichlorobenzene	50.0	50.8		ug/Kg		102	84 - 130
1,3-Dichlorobenzene	50.0	52.2		ug/Kg		104	84 - 131
1,4-Dichlorobenzene	50.0	51.2		ug/Kg		102	85 - 125
1,3-Dichloropropane	50.0	57.6		ug/Kg		115	79 - 140
1,1-Dichloropropene	50.0	52.4		ug/Kg		105	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	63.6		ug/Kg		127	68 - 145
Ethylene Dibromide	50.0	61.6		ug/Kg		123	79 - 140
Dibromomethane	50.0	58.2		ug/Kg		116	80 - 139
Dichlorodifluoromethane	50.0	50.0		ug/Kg		100	37 - 158
1,1-Dichloroethane	50.0	50.8		ug/Kg		102	85 - 124
1,2-Dichloroethane	50.0	58.4		ug/Kg		117	72 - 130
1,1-Dichloroethene	50.0	49.0		ug/Kg		98	76 - 122
cis-1,2-Dichloroethene	50.0	57.8		ug/Kg		116	87 - 138
trans-1,2-Dichloroethene	50.0	43.6		ug/Kg		87	67 - 108
1,2-Dichloropropane	50.0	50.2		ug/Kg		100	73 - 127
cis-1,3-Dichloropropene	50.0	59.6		ug/Kg		119	68 - 147
trans-1,3-Dichloropropene	50.0	67.6		ug/Kg		135	84 - 136
Ethylbenzene	50.0	52.4		ug/Kg		105	80 - 137
Hexachlorobutadiene	50.0	57.6		ug/Kg		115	72 - 132
2-Hexanone	250	292		ug/Kg		117	60 - 161
Isopropylbenzene	50.0	55.4		ug/Kg		111	88 - 128
4-Isopropyltoluene	50.0	53.6		ug/Kg		107	85 - 133
Methylene Chloride	50.0	51.0		ug/Kg		102	72 - 134
4-Methyl-2-pentanone (MIBK)	250	297		ug/Kg		119	69 - 160
Naphthalene	50.0	56.6		ug/Kg		113	70 - 147
N-Propylbenzene	50.0	50.8		ug/Kg		102	72 - 125
Styrene	50.0	56.0		ug/Kg		112	89 - 126
1,1,1,2-Tetrachloroethane	50.0	57.4		ug/Kg		115	90 - 130
1,1,1,2,2-Tetrachloroethane	50.0	53.0		ug/Kg		106	82 - 146
Tetrachloroethene	50.0	55.4		ug/Kg		111	78 - 132
Toluene	50.0	49.8		ug/Kg		100	83 - 128
1,2,3-Trichlorobenzene	50.0	55.0		ug/Kg		110	82 - 135
1,2,4-Trichlorobenzene	50.0	52.6		ug/Kg		105	70 - 131
1,1,1-Trichloroethane	50.0	55.4		ug/Kg		111	80 - 127
1,1,2-Trichloroethane	50.0	54.8		ug/Kg		110	82 - 125
Trichloroethene	50.0	51.8		ug/Kg		104	81 - 133
Trichlorofluoromethane	50.0	55.6		ug/Kg		111	71 - 139
1,2,3-Trichloropropane	50.0	57.6		ug/Kg		115	76 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.8		ug/Kg		110	70 - 130
1,2,4-Trimethylbenzene	50.0	52.8		ug/Kg		106	84 - 130
1,3,5-Trimethylbenzene	50.0	54.4		ug/Kg		109	82 - 131
Vinyl acetate	50.0	55.4		ug/Kg		111	38 - 176
Vinyl chloride	50.0	50.0		ug/Kg		100	58 - 125
m-Xylene & p-Xylene	100	104		ug/Kg		104	79 - 146
o-Xylene	50.0	55.2		ug/Kg		110	84 - 140
2,2-Dichloropropane	50.0	53.2		ug/Kg		106	73 - 162

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-97869/2-A
Matrix: Solid
Analysis Batch: 97875

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 97869

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	108		45 - 131
1,2-Dichloroethane-d4 (Surr)	121		60 - 140
Toluene-d8 (Surr)	107		58 - 140

Lab Sample ID: LCS 720-97869/4-A
Matrix: Solid
Analysis Batch: 97875

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 97869

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Gasoline Range Organics (GRO) -C5-C12	1000	922		ug/Kg		92	61 - 128

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	105		45 - 131
1,2-Dichloroethane-d4 (Surr)	118		60 - 140
Toluene-d8 (Surr)	105		58 - 140

Lab Sample ID: LCSD 720-97869/3-A
Matrix: Solid
Analysis Batch: 97875

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 97869

Analyte	Spike Added	LCSD LCSD		Unit	D	% Rec	% Rec. Limits	RPD	
		Result	Qualifier					RPD	Limit
Methyl tert-butyl ether	50.0	61.4		ug/Kg		123	71 - 144	1	20
Acetone	250	266		ug/Kg		106	30 - 162	6	30
Benzene	50.0	48.4		ug/Kg		97	82 - 124	1	20
Dichlorobromomethane	50.0	60.8		ug/Kg		122	86 - 131	1	20
Bromobenzene	50.0	52.6		ug/Kg		105	88 - 120	0	20
Chlorobromomethane	50.0	54.2		ug/Kg		108	81 - 116	1	20
Bromoform	50.0	66.2		ug/Kg		132	59 - 158	0	20
Bromomethane	50.0	48.8		ug/Kg		98	59 - 132	1	20
2-Butanone (MEK)	250	293		ug/Kg		117	61 - 150	5	20
n-Butylbenzene	50.0	52.8		ug/Kg		106	80 - 142	3	20
sec-Butylbenzene	50.0	52.4		ug/Kg		105	85 - 136	1	20
tert-Butylbenzene	50.0	53.8		ug/Kg		108	71 - 130	0	20
Carbon disulfide	50.0	48.0		ug/Kg		96	60 - 136	1	20
Carbon tetrachloride	50.0	58.0		ug/Kg		116	81 - 138	0	20
Chlorobenzene	50.0	49.8		ug/Kg		100	87 - 113	3	20
Chloroethane	50.0	49.2		ug/Kg		98	65 - 126	1	20
Chloroform	50.0	53.4		ug/Kg		107	77 - 127	1	20
Chloromethane	50.0	45.2		ug/Kg		90	60 - 149	1	20
2-Chlorotoluene	50.0	51.8		ug/Kg		104	80 - 138	3	20
4-Chlorotoluene	50.0	51.4		ug/Kg		103	79 - 136	2	20
Chlorodibromomethane	50.0	59.6		ug/Kg		119	75 - 146	1	20
1,2-Dichlorobenzene	50.0	50.0		ug/Kg		100	84 - 130	2	20
1,3-Dichlorobenzene	50.0	51.0		ug/Kg		102	84 - 131	2	20
1,4-Dichlorobenzene	50.0	50.4		ug/Kg		101	85 - 125	2	20
1,3-Dichloropropane	50.0	58.8		ug/Kg		118	79 - 140	2	20
1,1-Dichloropropene	50.0	51.8		ug/Kg		104	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	50.0	63.4		ug/Kg		127	68 - 145	0	20

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-97869/3-A

Matrix: Solid

Analysis Batch: 97875

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97869

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	Limit
							Limits	RPD		
Ethylene Dibromide	50.0	63.0		ug/Kg		126	79 - 140	2	20	
Dibromomethane	50.0	57.8		ug/Kg		116	80 - 139	1	20	
Dichlorodifluoromethane	50.0	50.2		ug/Kg		100	37 - 158	0	20	
1,1-Dichloroethane	50.0	49.6		ug/Kg		99	85 - 124	2	20	
1,2-Dichloroethane	50.0	56.8		ug/Kg		114	72 - 130	3	20	
1,1-Dichloroethene	50.0	48.2		ug/Kg		96	76 - 122	2	20	
cis-1,2-Dichloroethene	50.0	56.8		ug/Kg		114	87 - 138	2	20	
trans-1,2-Dichloroethene	50.0	43.8		ug/Kg		88	67 - 108	0	20	
1,2-Dichloropropane	50.0	49.4		ug/Kg		99	73 - 127	2	20	
cis-1,3-Dichloropropene	50.0	59.0		ug/Kg		118	68 - 147	1	20	
trans-1,3-Dichloropropene	50.0	66.8		ug/Kg		134	84 - 136	1	20	
Ethylbenzene	50.0	51.4		ug/Kg		103	80 - 137	2	20	
Hexachlorobutadiene	50.0	54.8		ug/Kg		110	72 - 132	5	20	
2-Hexanone	250	307		ug/Kg		123	60 - 161	5	20	
Isopropylbenzene	50.0	54.6		ug/Kg		109	88 - 128	1	20	
4-Isopropyltoluene	50.0	53.0		ug/Kg		106	85 - 133	1	20	
Methylene Chloride	50.0	49.4		ug/Kg		99	72 - 134	3	20	
4-Methyl-2-pentanone (MIBK)	250	308		ug/Kg		123	69 - 160	4	20	
Naphthalene	50.0	56.2		ug/Kg		112	70 - 147	1	20	
N-Propylbenzene	50.0	50.4		ug/Kg		101	72 - 125	1	20	
Styrene	50.0	54.8		ug/Kg		110	89 - 126	2	20	
1,1,1,2-Tetrachloroethane	50.0	55.6		ug/Kg		111	90 - 130	3	20	
1,1,1,2,2-Tetrachloroethane	50.0	53.4		ug/Kg		107	82 - 146	1	20	
Tetrachloroethene	50.0	56.6		ug/Kg		113	78 - 132	2	20	
Toluene	50.0	48.6		ug/Kg		97	83 - 128	2	20	
1,2,3-Trichlorobenzene	50.0	53.8		ug/Kg		108	82 - 135	2	20	
1,2,4-Trichlorobenzene	50.0	50.8		ug/Kg		102	70 - 131	3	20	
1,1,1-Trichloroethane	50.0	54.2		ug/Kg		108	80 - 127	2	20	
1,1,2-Trichloroethane	50.0	57.8		ug/Kg		116	82 - 125	5	20	
Trichloroethene	50.0	51.8		ug/Kg		104	81 - 133	0	20	
Trichlorofluoromethane	50.0	54.6		ug/Kg		109	71 - 139	2	20	
1,2,3-Trichloropropane	50.0	57.4		ug/Kg		115	76 - 146	0	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.8		ug/Kg		110	70 - 130	0	20	
1,2,4-Trimethylbenzene	50.0	51.6		ug/Kg		103	84 - 130	2	20	
1,3,5-Trimethylbenzene	50.0	54.0		ug/Kg		108	82 - 131	1	20	
Vinyl acetate	50.0	56.2		ug/Kg		112	38 - 176	1	20	
Vinyl chloride	50.0	50.6		ug/Kg		101	58 - 125	1	20	
m-Xylene & p-Xylene	100	102		ug/Kg		102	79 - 146	3	20	
o-Xylene	50.0	54.0		ug/Kg		108	84 - 140	2	20	
2,2-Dichloropropane	50.0	54.4		ug/Kg		109	73 - 162	2	20	

Surrogate	LCSD LCSD		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	104		45 - 131
1,2-Dichloroethane-d4 (Surr)	120		60 - 140
Toluene-d8 (Surr)	108		58 - 140

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-97869/5-A

Matrix: Solid

Analysis Batch: 97875

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97869

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12	1000	952		ug/Kg		95	61 - 128	3	20

Surrogate	LCSD % Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene	104		45 - 131
1,2-Dichloroethane-d4 (Surr)	123		60 - 140
Toluene-d8 (Surr)	109		58 - 140

Lab Sample ID: MB 720-97872/4

Matrix: Water

Analysis Batch: 97872

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/24/11 19:43	1
Acetone	ND		50		ug/L			08/24/11 19:43	1
Benzene	ND		0.50		ug/L			08/24/11 19:43	1
Dichlorobromomethane	ND		0.50		ug/L			08/24/11 19:43	1
Bromobenzene	ND		1.0		ug/L			08/24/11 19:43	1
Chlorobromomethane	ND		1.0		ug/L			08/24/11 19:43	1
Bromoform	ND		1.0		ug/L			08/24/11 19:43	1
Bromomethane	ND		1.0		ug/L			08/24/11 19:43	1
2-Butanone (MEK)	ND		50		ug/L			08/24/11 19:43	1
n-Butylbenzene	ND		1.0		ug/L			08/24/11 19:43	1
sec-Butylbenzene	ND		1.0		ug/L			08/24/11 19:43	1
tert-Butylbenzene	ND		1.0		ug/L			08/24/11 19:43	1
Carbon disulfide	ND		5.0		ug/L			08/24/11 19:43	1
Carbon tetrachloride	ND		0.50		ug/L			08/24/11 19:43	1
Chlorobenzene	ND		0.50		ug/L			08/24/11 19:43	1
Chloroethane	ND		1.0		ug/L			08/24/11 19:43	1
Chloroform	ND		1.0		ug/L			08/24/11 19:43	1
Chloromethane	ND		1.0		ug/L			08/24/11 19:43	1
2-Chlorotoluene	ND		0.50		ug/L			08/24/11 19:43	1
4-Chlorotoluene	ND		0.50		ug/L			08/24/11 19:43	1
Chlorodibromomethane	ND		0.50		ug/L			08/24/11 19:43	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/24/11 19:43	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/24/11 19:43	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/24/11 19:43	1
1,3-Dichloropropane	ND		1.0		ug/L			08/24/11 19:43	1
1,1-Dichloropropene	ND		0.50		ug/L			08/24/11 19:43	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/24/11 19:43	1
Ethylene Dibromide	ND		0.50		ug/L			08/24/11 19:43	1
Dibromomethane	ND		0.50		ug/L			08/24/11 19:43	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/24/11 19:43	1
1,1-Dichloroethane	ND		0.50		ug/L			08/24/11 19:43	1
1,2-Dichloroethane	ND		0.50		ug/L			08/24/11 19:43	1
1,1-Dichloroethene	ND		0.50		ug/L			08/24/11 19:43	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/24/11 19:43	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/24/11 19:43	1
1,2-Dichloropropane	ND		0.50		ug/L			08/24/11 19:43	1

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-97872/4

Matrix: Water

Analysis Batch: 97872

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/24/11 19:43	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/24/11 19:43	1
Ethylbenzene	ND		0.50		ug/L			08/24/11 19:43	1
Hexachlorobutadiene	ND		1.0		ug/L			08/24/11 19:43	1
2-Hexanone	ND		50		ug/L			08/24/11 19:43	1
Isopropylbenzene	ND		0.50		ug/L			08/24/11 19:43	1
4-Isopropyltoluene	ND		1.0		ug/L			08/24/11 19:43	1
Methylene Chloride	ND		5.0		ug/L			08/24/11 19:43	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/24/11 19:43	1
Naphthalene	ND		1.0		ug/L			08/24/11 19:43	1
N-Propylbenzene	ND		1.0		ug/L			08/24/11 19:43	1
Styrene	ND		0.50		ug/L			08/24/11 19:43	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/24/11 19:43	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/24/11 19:43	1
Tetrachloroethene	ND		0.50		ug/L			08/24/11 19:43	1
Toluene	ND		0.50		ug/L			08/24/11 19:43	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/24/11 19:43	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/24/11 19:43	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/24/11 19:43	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/24/11 19:43	1
Trichloroethene	ND		0.50		ug/L			08/24/11 19:43	1
Trichlorofluoromethane	ND		1.0		ug/L			08/24/11 19:43	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/24/11 19:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/24/11 19:43	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/24/11 19:43	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/24/11 19:43	1
Vinyl acetate	ND		10		ug/L			08/24/11 19:43	1
Vinyl chloride	ND		0.50		ug/L			08/24/11 19:43	1
Xylenes, Total	ND		1.0		ug/L			08/24/11 19:43	1
2,2-Dichloropropane	ND		0.50		ug/L			08/24/11 19:43	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/24/11 19:43	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
4-Bromofluorobenzene	93		67 - 130		08/24/11 19:43	1
1,2-Dichloroethane-d4 (Surr)	87		67 - 130		08/24/11 19:43	1
Toluene-d8 (Surr)	99		70 - 130		08/24/11 19:43	1

Lab Sample ID: LCS 720-97872/5

Matrix: Water

Analysis Batch: 97872

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Acetone	125	90.2		ug/L		72	26 - 180
Benzene	25.0	27.4		ug/L		110	82 - 127
Dichlorobromomethane	25.0	26.4		ug/L		106	70 - 130
Bromobenzene	25.0	28.2		ug/L		113	79 - 127
Chlorobromomethane	25.0	26.9		ug/L		108	70 - 130
Bromoform	25.0	27.6		ug/L		110	68 - 136

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-97872/5

Matrix: Water

Analysis Batch: 97872

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec.
							Limits
Bromomethane	25.0	20.9		ug/L		84	43 - 151
2-Butanone (MEK)	125	114		ug/L		91	66 - 149
n-Butylbenzene	25.0	30.3		ug/L		121	79 - 142
sec-Butylbenzene	25.0	30.5		ug/L		122	81 - 134
tert-Butylbenzene	25.0	29.9		ug/L		120	82 - 135
Carbon disulfide	25.0	29.0		ug/L		116	58 - 124
Carbon tetrachloride	25.0	25.9		ug/L		104	77 - 146
Chlorobenzene	25.0	26.7		ug/L		107	70 - 130
Chloroethane	25.0	22.3		ug/L		89	62 - 138
Chloroform	25.0	24.9		ug/L		100	70 - 130
Chloromethane	25.0	21.6		ug/L		86	52 - 175
2-Chlorotoluene	25.0	28.3		ug/L		113	70 - 130
4-Chlorotoluene	25.0	27.7		ug/L		111	70 - 130
Chlorodibromomethane	25.0	27.1		ug/L		108	78 - 145
1,2-Dichlorobenzene	25.0	27.1		ug/L		108	70 - 130
1,3-Dichlorobenzene	25.0	27.8		ug/L		111	70 - 130
1,4-Dichlorobenzene	25.0	27.2		ug/L		109	87 - 118
1,3-Dichloropropane	25.0	26.7		ug/L		107	82 - 128
1,1-Dichloropropene	25.0	29.2		ug/L		117	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	29.1		ug/L		116	72 - 136
Ethylene Dibromide	25.0	28.8		ug/L		115	70 - 130
Dibromomethane	25.0	26.2		ug/L		105	70 - 130
Dichlorodifluoromethane	25.0	20.5		ug/L		82	33 - 125
1,1-Dichloroethane	25.0	25.9		ug/L		104	70 - 130
1,2-Dichloroethane	25.0	23.5		ug/L		94	70 - 126
1,1-Dichloroethene	25.0	25.4		ug/L		102	64 - 128
cis-1,2-Dichloroethene	25.0	29.3		ug/L		117	70 - 130
trans-1,2-Dichloroethene	25.0	23.8		ug/L		95	68 - 118
1,2-Dichloropropane	25.0	26.8		ug/L		107	70 - 130
cis-1,3-Dichloropropene	25.0	25.1		ug/L		100	88 - 137
trans-1,3-Dichloropropene	25.0	26.9		ug/L		108	83 - 140
Ethylbenzene	25.0	27.4		ug/L		110	86 - 135
Hexachlorobutadiene	25.0	28.0		ug/L		112	70 - 130
2-Hexanone	125	121		ug/L		96	60 - 164
Isopropylbenzene	25.0	31.3		ug/L		125	70 - 130
4-Isopropyltoluene	25.0	29.3		ug/L		117	70 - 130
Methylene Chloride	25.0	24.7		ug/L		99	73 - 147
4-Methyl-2-pentanone (MIBK)	125	130		ug/L		104	63 - 165
Naphthalene	25.0	27.8		ug/L		111	78 - 135
N-Propylbenzene	25.0	29.9		ug/L		120	70 - 130
Styrene	25.0	28.1		ug/L		112	70 - 130
1,1,1,2-Tetrachloroethane	25.0	27.7		ug/L		111	70 - 130
1,1,2,2-Tetrachloroethane	25.0	26.9		ug/L		108	70 - 130
Tetrachloroethene	25.0	29.6		ug/L		118	70 - 130
Toluene	25.0	27.3		ug/L		109	83 - 129
1,2,3-Trichlorobenzene	25.0	28.4		ug/L		114	70 - 130
1,2,4-Trichlorobenzene	25.0	29.1		ug/L		116	70 - 130
1,1,1-Trichloroethane	25.0	25.9		ug/L		104	70 - 130
1,1,2-Trichloroethane	25.0	26.7		ug/L		107	82 - 128
Trichloroethene	25.0	27.8		ug/L		111	70 - 130

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-97872/5

Matrix: Water

Analysis Batch: 97872

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits	
Trichlorofluoromethane	25.0	21.9		ug/L		88	66 - 132	
1,2,3-Trichloropropane	25.0	27.2		ug/L		109	70 - 130	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.7		ug/L		111	42 - 162	
1,2,4-Trimethylbenzene	25.0	29.2		ug/L		117	70 - 132	
1,3,5-Trimethylbenzene	25.0	30.1		ug/L		120	70 - 130	
Vinyl acetate	25.0	23.9		ug/L		96	43 - 163	
Vinyl chloride	25.0	20.7		ug/L		83	63 - 125	
2,2-Dichloropropane	25.0	27.5		ug/L		110	70 - 140	

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	100		67 - 130
1,2-Dichloroethane-d4 (Surr)	87		67 - 130
Toluene-d8 (Surr)	104		70 - 130

Lab Sample ID: LCS 720-97872/7

Matrix: Water

Analysis Batch: 97872

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits	
Gasoline Range Organics (GRO) -C5-C12	500	396		ug/L		79	62 - 117	

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	100		67 - 130
1,2-Dichloroethane-d4 (Surr)	87		67 - 130
Toluene-d8 (Surr)	105		70 - 130

Lab Sample ID: LCSD 720-97872/6

Matrix: Water

Analysis Batch: 97872

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits		RPD Limit	
Methyl tert-butyl ether	25.0	27.8		ug/L		111	62 - 130	1	20	
Acetone	125	85.7		ug/L		69	26 - 180	5	30	
Benzene	25.0	27.7		ug/L		111	82 - 127	1	20	
Dichlorobromomethane	25.0	26.4		ug/L		106	70 - 130	0	20	
Bromobenzene	25.0	28.9		ug/L		116	79 - 127	2	20	
Chlorobromomethane	25.0	27.0		ug/L		108	70 - 130	0	20	
Bromoform	25.0	27.6		ug/L		110	68 - 136	0	20	
Bromomethane	25.0	21.2		ug/L		85	43 - 151	1	20	
2-Butanone (MEK)	125	109		ug/L		87	66 - 149	4	20	
n-Butylbenzene	25.0	29.8		ug/L		119	79 - 142	2	20	
sec-Butylbenzene	25.0	30.9		ug/L		124	81 - 134	1	20	
tert-Butylbenzene	25.0	30.6		ug/L		122	82 - 135	2	20	
Carbon disulfide	25.0	29.4		ug/L		118	58 - 124	1	20	
Carbon tetrachloride	25.0	25.7		ug/L		103	77 - 146	1	20	
Chlorobenzene	25.0	27.1		ug/L		108	70 - 130	1	20	
Chloroethane	25.0	22.7		ug/L		91	62 - 138	2	20	
Chloroform	25.0	25.1		ug/L		100	70 - 130	1	20	

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-97872/6

Matrix: Water

Analysis Batch: 97872

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD	Limit
							Limits	RPD		
Chloromethane	25.0	22.2		ug/L		89	52 - 175	3	20	
2-Chlorotoluene	25.0	28.7		ug/L		115	70 - 130	1	20	
4-Chlorotoluene	25.0	28.0		ug/L		112	70 - 130	1	20	
Chlorodibromomethane	25.0	27.0		ug/L		108	78 - 145	0	20	
1,2-Dichlorobenzene	25.0	27.3		ug/L		109	70 - 130	1	20	
1,3-Dichlorobenzene	25.0	28.1		ug/L		112	70 - 130	1	20	
1,4-Dichlorobenzene	25.0	27.1		ug/L		108	87 - 118	0	20	
1,3-Dichloropropane	25.0	26.6		ug/L		106	82 - 128	0	20	
1,1-Dichloropropene	25.0	29.3		ug/L		117	70 - 130	0	20	
1,2-Dibromo-3-Chloropropane	25.0	29.2		ug/L		117	72 - 136	0	20	
Ethylene Dibromide	25.0	28.5		ug/L		114	70 - 130	1	20	
Dibromomethane	25.0	26.3		ug/L		105	70 - 130	0	20	
Dichlorodifluoromethane	25.0	20.5		ug/L		82	33 - 125	0	20	
1,1-Dichloroethane	25.0	26.3		ug/L		105	70 - 130	2	20	
1,2-Dichloroethane	25.0	23.6		ug/L		94	70 - 126	0	20	
1,1-Dichloroethene	25.0	26.0		ug/L		104	64 - 128	2	20	
cis-1,2-Dichloroethene	25.0	29.8		ug/L		119	70 - 130	2	20	
trans-1,2-Dichloroethene	25.0	24.1		ug/L		96	68 - 118	1	20	
1,2-Dichloropropane	25.0	27.1		ug/L		108	70 - 130	1	20	
cis-1,3-Dichloropropene	25.0	25.2		ug/L		101	88 - 137	0	20	
trans-1,3-Dichloropropene	25.0	26.9		ug/L		108	83 - 140	0	20	
Ethylbenzene	25.0	27.6		ug/L		110	86 - 135	1	20	
Hexachlorobutadiene	25.0	27.6		ug/L		110	70 - 130	1	20	
2-Hexanone	125	117		ug/L		93	60 - 164	3	20	
Isopropylbenzene	25.0	31.5		ug/L		126	70 - 130	1	20	
4-Isopropyltoluene	25.0	29.5		ug/L		118	70 - 130	1	20	
Methylene Chloride	25.0	25.2		ug/L		101	73 - 147	2	20	
4-Methyl-2-pentanone (MIBK)	125	126		ug/L		101	63 - 165	3	20	
Naphthalene	25.0	27.7		ug/L		111	78 - 135	0	20	
N-Propylbenzene	25.0	30.2		ug/L		121	70 - 130	1	20	
Styrene	25.0	28.5		ug/L		114	70 - 130	1	20	
1,1,1,2-Tetrachloroethane	25.0	28.3		ug/L		113	70 - 130	2	20	
1,1,1,2,2-Tetrachloroethane	25.0	27.3		ug/L		109	70 - 130	1	20	
Tetrachloroethene	25.0	29.1		ug/L		116	70 - 130	2	20	
Toluene	25.0	27.7		ug/L		111	83 - 129	1	20	
1,2,3-Trichlorobenzene	25.0	28.2		ug/L		113	70 - 130	1	20	
1,2,4-Trichlorobenzene	25.0	28.2		ug/L		113	70 - 130	3	20	
1,1,1-Trichloroethane	25.0	25.8		ug/L		103	70 - 130	0	20	
1,1,2-Trichloroethane	25.0	26.8		ug/L		107	82 - 128	0	20	
Trichloroethene	25.0	27.7		ug/L		111	70 - 130	0	20	
Trichlorofluoromethane	25.0	21.9		ug/L		88	66 - 132	0	20	
1,2,3-Trichloropropane	25.0	27.5		ug/L		110	70 - 130	1	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.9		ug/L		112	42 - 162	1	20	
1,2,4-Trimethylbenzene	25.0	29.3		ug/L		117	70 - 132	0	20	
1,3,5-Trimethylbenzene	25.0	30.3		ug/L		121	70 - 130	1	20	
Vinyl acetate	25.0	24.0		ug/L		96	43 - 163	0	20	
Vinyl chloride	25.0	21.1		ug/L		84	63 - 125	2	20	
2,2-Dichloropropane	25.0	27.0		ug/L		108	70 - 140	2	20	

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-97872/6

Matrix: Water

Analysis Batch: 97872

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Surrogate	LCSD		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	99		67 - 130
1,2-Dichloroethane-d4 (Surr)	86		67 - 130
Toluene-d8 (Surr)	104		70 - 130

Lab Sample ID: LCSD 720-97872/8

Matrix: Water

Analysis Batch: 97872

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD		Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
		Result	Qualifier						
Gasoline Range Organics (GRO) -C5-C12	500	397		ug/L		79	62 - 117	0	20

Surrogate	LCSD		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	102		67 - 130
1,2-Dichloroethane-d4 (Surr)	88		67 - 130
Toluene-d8 (Surr)	105		70 - 130

Lab Sample ID: MB 720-97897/4

Matrix: Water

Analysis Batch: 97897

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		0.50		ug/L			08/25/11 10:39	1
Acetone	ND		50		ug/L			08/25/11 10:39	1
Benzene	ND		0.50		ug/L			08/25/11 10:39	1
Dichlorobromomethane	ND		0.50		ug/L			08/25/11 10:39	1
Bromobenzene	ND		1.0		ug/L			08/25/11 10:39	1
Chlorobromomethane	ND		1.0		ug/L			08/25/11 10:39	1
Bromoform	ND		1.0		ug/L			08/25/11 10:39	1
Bromomethane	ND		1.0		ug/L			08/25/11 10:39	1
2-Butanone (MEK)	ND		50		ug/L			08/25/11 10:39	1
n-Butylbenzene	ND		1.0		ug/L			08/25/11 10:39	1
sec-Butylbenzene	ND		1.0		ug/L			08/25/11 10:39	1
tert-Butylbenzene	ND		1.0		ug/L			08/25/11 10:39	1
Carbon disulfide	ND		5.0		ug/L			08/25/11 10:39	1
Carbon tetrachloride	ND		0.50		ug/L			08/25/11 10:39	1
Chlorobenzene	ND		0.50		ug/L			08/25/11 10:39	1
Chloroethane	ND		1.0		ug/L			08/25/11 10:39	1
Chloroform	ND		1.0		ug/L			08/25/11 10:39	1
Chloromethane	ND		1.0		ug/L			08/25/11 10:39	1
2-Chlorotoluene	ND		0.50		ug/L			08/25/11 10:39	1
4-Chlorotoluene	ND		0.50		ug/L			08/25/11 10:39	1
Chlorodibromomethane	ND		0.50		ug/L			08/25/11 10:39	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/25/11 10:39	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/25/11 10:39	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/25/11 10:39	1
1,3-Dichloropropane	ND		1.0		ug/L			08/25/11 10:39	1
1,1-Dichloropropene	ND		0.50		ug/L			08/25/11 10:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/25/11 10:39	1

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-97897/4

Matrix: Water

Analysis Batch: 97897

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Ethylene Dibromide	ND		0.50		ug/L			08/25/11 10:39	1
Dibromomethane	ND		0.50		ug/L			08/25/11 10:39	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/25/11 10:39	1
1,1-Dichloroethane	ND		0.50		ug/L			08/25/11 10:39	1
1,2-Dichloroethane	ND		0.50		ug/L			08/25/11 10:39	1
1,1-Dichloroethene	ND		0.50		ug/L			08/25/11 10:39	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/25/11 10:39	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/25/11 10:39	1
1,2-Dichloropropane	ND		0.50		ug/L			08/25/11 10:39	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/25/11 10:39	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/25/11 10:39	1
Ethylbenzene	ND		0.50		ug/L			08/25/11 10:39	1
Hexachlorobutadiene	ND		1.0		ug/L			08/25/11 10:39	1
2-Hexanone	ND		50		ug/L			08/25/11 10:39	1
Isopropylbenzene	ND		0.50		ug/L			08/25/11 10:39	1
4-Isopropyltoluene	ND		1.0		ug/L			08/25/11 10:39	1
Methylene Chloride	ND		5.0		ug/L			08/25/11 10:39	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/25/11 10:39	1
Naphthalene	ND		1.0		ug/L			08/25/11 10:39	1
N-Propylbenzene	ND		1.0		ug/L			08/25/11 10:39	1
Styrene	ND		0.50		ug/L			08/25/11 10:39	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/25/11 10:39	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/25/11 10:39	1
Tetrachloroethene	ND		0.50		ug/L			08/25/11 10:39	1
Toluene	ND		0.50		ug/L			08/25/11 10:39	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/25/11 10:39	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/25/11 10:39	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/25/11 10:39	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/25/11 10:39	1
Trichloroethene	ND		0.50		ug/L			08/25/11 10:39	1
Trichlorofluoromethane	ND		1.0		ug/L			08/25/11 10:39	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/25/11 10:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/25/11 10:39	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/25/11 10:39	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/25/11 10:39	1
Vinyl acetate	ND		10		ug/L			08/25/11 10:39	1
Vinyl chloride	ND		0.50		ug/L			08/25/11 10:39	1
Xylenes, Total	ND		1.0		ug/L			08/25/11 10:39	1
2,2-Dichloropropane	ND		0.50		ug/L			08/25/11 10:39	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/25/11 10:39	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
4-Bromofluorobenzene	98		67 - 130		08/25/11 10:39	1
1,2-Dichloroethane-d4 (Surr)	88		67 - 130		08/25/11 10:39	1
Toluene-d8 (Surr)	100		70 - 130		08/25/11 10:39	1

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-97897/5

Matrix: Water

Analysis Batch: 97897

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	25.0	27.7		ug/L		111	62 - 130
Acetone	125	92.1		ug/L		74	26 - 180
Benzene	25.0	26.7		ug/L		107	82 - 127
Dichlorobromomethane	25.0	26.1		ug/L		104	70 - 130
Bromobenzene	25.0	28.6		ug/L		114	79 - 127
Chlorobromomethane	25.0	26.2		ug/L		105	70 - 130
Bromoform	25.0	29.3		ug/L		117	68 - 136
Bromomethane	25.0	20.3		ug/L		81	43 - 151
2-Butanone (MEK)	125	112		ug/L		89	66 - 149
n-Butylbenzene	25.0	30.5		ug/L		122	79 - 142
sec-Butylbenzene	25.0	30.4		ug/L		122	81 - 134
tert-Butylbenzene	25.0	30.0		ug/L		120	82 - 135
Carbon disulfide	25.0	28.0		ug/L		112	58 - 124
Carbon tetrachloride	25.0	24.8		ug/L		99	77 - 146
Chlorobenzene	25.0	26.6		ug/L		106	70 - 130
Chloroethane	25.0	22.1		ug/L		88	62 - 138
Chloroform	25.0	24.2		ug/L		97	70 - 130
Chloromethane	25.0	21.7		ug/L		87	52 - 175
2-Chlorotoluene	25.0	28.2		ug/L		113	70 - 130
4-Chlorotoluene	25.0	27.9		ug/L		112	70 - 130
Chlorodibromomethane	25.0	27.7		ug/L		111	78 - 145
1,2-Dichlorobenzene	25.0	28.0		ug/L		112	70 - 130
1,3-Dichlorobenzene	25.0	28.5		ug/L		114	70 - 130
1,4-Dichlorobenzene	25.0	27.9		ug/L		112	87 - 118
1,3-Dichloropropane	25.0	26.4		ug/L		106	82 - 128
1,1-Dichloropropene	25.0	28.1		ug/L		112	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	30.3		ug/L		121	72 - 136
Ethylene Dibromide	25.0	28.3		ug/L		113	70 - 130
Dibromomethane	25.0	25.7		ug/L		103	70 - 130
Dichlorodifluoromethane	25.0	19.4		ug/L		78	33 - 125
1,1-Dichloroethane	25.0	25.4		ug/L		102	70 - 130
1,2-Dichloroethane	25.0	22.8		ug/L		91	70 - 126
1,1-Dichloroethene	25.0	24.8		ug/L		99	64 - 128
cis-1,2-Dichloroethene	25.0	28.7		ug/L		115	70 - 130
trans-1,2-Dichloroethene	25.0	23.0		ug/L		92	68 - 118
1,2-Dichloropropane	25.0	26.5		ug/L		106	70 - 130
cis-1,3-Dichloropropene	25.0	25.2		ug/L		101	88 - 137
trans-1,3-Dichloropropene	25.0	27.3		ug/L		109	83 - 140
Ethylbenzene	25.0	26.7		ug/L		107	86 - 135
Hexachlorobutadiene	25.0	29.0		ug/L		116	70 - 130
2-Hexanone	125	123		ug/L		98	60 - 164
Isopropylbenzene	25.0	31.0		ug/L		124	70 - 130
4-Isopropyltoluene	25.0	29.4		ug/L		118	70 - 130
Methylene Chloride	25.0	24.3		ug/L		97	73 - 147
4-Methyl-2-pentanone (MIBK)	125	129		ug/L		104	63 - 165
Naphthalene	25.0	28.7		ug/L		115	78 - 135
N-Propylbenzene	25.0	29.4		ug/L		118	70 - 130
Styrene	25.0	28.6		ug/L		114	70 - 130
1,1,1,2-Tetrachloroethane	25.0	28.3		ug/L		113	70 - 130

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-97897/5

Matrix: Water

Analysis Batch: 97897

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits	
1,1,2,2-Tetrachloroethane	25.0	27.5		ug/L		110	70 - 130	
Tetrachloroethene	25.0	28.1		ug/L		112	70 - 130	
Toluene	25.0	26.4		ug/L		106	83 - 129	
1,2,3-Trichlorobenzene	25.0	30.0		ug/L		120	70 - 130	
1,2,4-Trichlorobenzene	25.0	30.6		ug/L		122	70 - 130	
1,1,1-Trichloroethane	25.0	25.0		ug/L		100	70 - 130	
1,1,2-Trichloroethane	25.0	27.2		ug/L		109	82 - 128	
Trichloroethene	25.0	26.7		ug/L		107	70 - 130	
Trichlorofluoromethane	25.0	21.9		ug/L		88	66 - 132	
1,2,3-Trichloropropane	25.0	27.4		ug/L		110	70 - 130	
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.7		ug/L		107	42 - 162	
1,2,4-Trimethylbenzene	25.0	29.3		ug/L		117	70 - 132	
1,3,5-Trimethylbenzene	25.0	29.8		ug/L		119	70 - 130	
Vinyl acetate	25.0	23.2		ug/L		93	43 - 163	
Vinyl chloride	25.0	20.2		ug/L		81	63 - 125	
2,2-Dichloropropane	25.0	27.0		ug/L		108	70 - 140	

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	100		67 - 130
1,2-Dichloroethane-d4 (Surr)	88		67 - 130
Toluene-d8 (Surr)	105		70 - 130

Lab Sample ID: LCS 720-97897/7

Matrix: Water

Analysis Batch: 97897

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits	
Gasoline Range Organics (GRO) -C5-C12	500	410		ug/L		82	62 - 117	

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	103		67 - 130
1,2-Dichloroethane-d4 (Surr)	90		67 - 130
Toluene-d8 (Surr)	105		70 - 130

Lab Sample ID: LCSD 720-97897/6

Matrix: Water

Analysis Batch: 97897

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits		RPD	Limit
Methyl tert-butyl ether	25.0	28.9		ug/L		116	62 - 130	4	20	
Acetone	125	100		ug/L		80	26 - 180	8	30	
Benzene	25.0	27.5		ug/L		110	82 - 127	3	20	
Dichlorobromomethane	25.0	27.5		ug/L		110	70 - 130	5	20	
Bromobenzene	25.0	29.9		ug/L		120	79 - 127	4	20	
Chlorobromomethane	25.0	27.1		ug/L		108	70 - 130	3	20	
Bromoform	25.0	30.1		ug/L		120	68 - 136	3	20	
Bromomethane	25.0	20.7		ug/L		83	43 - 151	2	20	
2-Butanone (MEK)	125	120		ug/L		96	66 - 149	7	20	

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-97897/6

Matrix: Water

Analysis Batch: 97897

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec.		RPD
							Limits	RPD	
n-Butylbenzene	25.0	31.2		ug/L		125	79 - 142	2	20
sec-Butylbenzene	25.0	31.6		ug/L		126	81 - 134	4	20
tert-Butylbenzene	25.0	31.1		ug/L		124	82 - 135	4	20
Carbon disulfide	25.0	28.6		ug/L		114	58 - 124	2	20
Carbon tetrachloride	25.0	25.1		ug/L		100	77 - 146	1	20
Chlorobenzene	25.0	28.0		ug/L		112	70 - 130	5	20
Chloroethane	25.0	22.2		ug/L		89	62 - 138	0	20
Chloroform	25.0	24.9		ug/L		100	70 - 130	3	20
Chloromethane	25.0	21.9		ug/L		88	52 - 175	1	20
2-Chlorotoluene	25.0	29.6		ug/L		118	70 - 130	5	20
4-Chlorotoluene	25.0	29.1		ug/L		116	70 - 130	4	20
Chlorodibromomethane	25.0	29.0		ug/L		116	78 - 145	5	20
1,2-Dichlorobenzene	25.0	28.5		ug/L		114	70 - 130	2	20
1,3-Dichlorobenzene	25.0	29.2		ug/L		117	70 - 130	2	20
1,4-Dichlorobenzene	25.0	28.4		ug/L		114	87 - 118	2	20
1,3-Dichloropropane	25.0	28.1		ug/L		112	82 - 128	6	20
1,1-Dichloropropene	25.0	28.6		ug/L		114	70 - 130	2	20
1,2-Dibromo-3-Chloropropane	25.0	31.0		ug/L		124	72 - 136	2	20
Ethylene Dibromide	25.0	29.9		ug/L		120	70 - 130	5	20
Dibromomethane	25.0	26.9		ug/L		108	70 - 130	5	20
Dichlorodifluoromethane	25.0	19.6		ug/L		78	33 - 125	1	20
1,1-Dichloroethane	25.0	26.0		ug/L		104	70 - 130	2	20
1,2-Dichloroethane	25.0	23.6		ug/L		94	70 - 126	3	20
1,1-Dichloroethene	25.0	25.5		ug/L		102	64 - 128	3	20
cis-1,2-Dichloroethene	25.0	29.4		ug/L		118	70 - 130	2	20
trans-1,2-Dichloroethene	25.0	23.8		ug/L		95	68 - 118	3	20
1,2-Dichloropropane	25.0	27.8		ug/L		111	70 - 130	5	20
cis-1,3-Dichloropropene	25.0	26.7		ug/L		107	88 - 137	6	20
trans-1,3-Dichloropropene	25.0	28.9		ug/L		116	83 - 140	6	20
Ethylbenzene	25.0	28.0		ug/L		112	86 - 135	5	20
Hexachlorobutadiene	25.0	28.9		ug/L		116	70 - 130	0	20
2-Hexanone	125	127		ug/L		102	60 - 164	3	20
Isopropylbenzene	25.0	32.5		ug/L		130	70 - 130	5	20
4-Isopropyltoluene	25.0	30.4		ug/L		122	70 - 130	3	20
Methylene Chloride	25.0	24.8		ug/L		99	73 - 147	2	20
4-Methyl-2-pentanone (MIBK)	125	135		ug/L		108	63 - 165	4	20
Naphthalene	25.0	29.3		ug/L		117	78 - 135	2	20
N-Propylbenzene	25.0	31.0		ug/L		124	70 - 130	5	20
Styrene	25.0	29.8		ug/L		119	70 - 130	4	20
1,1,1,2-Tetrachloroethane	25.0	29.6		ug/L		118	70 - 130	4	20
1,1,2,2-Tetrachloroethane	25.0	28.4		ug/L		114	70 - 130	3	20
Tetrachloroethene	25.0	28.9		ug/L		116	70 - 130	3	20
Toluene	25.0	27.7		ug/L		111	83 - 129	5	20
1,2,3-Trichlorobenzene	25.0	30.1		ug/L		120	70 - 130	0	20
1,2,4-Trichlorobenzene	25.0	30.7		ug/L		123	70 - 130	0	20
1,1,1-Trichloroethane	25.0	25.2		ug/L		101	70 - 130	1	20
1,1,2-Trichloroethane	25.0	28.5		ug/L		114	82 - 128	5	20
Trichloroethene	25.0	27.3		ug/L		109	70 - 130	2	20
Trichlorofluoromethane	25.0	21.9		ug/L		88	66 - 132	0	20
1,2,3-Trichloropropane	25.0	28.4		ug/L		114	70 - 130	4	20

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-97897/6

Matrix: Water

Analysis Batch: 97897

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.1		ug/L		108	42 - 162	1	20
1,2,4-Trimethylbenzene	25.0	30.5		ug/L		122	70 - 132	4	20
1,3,5-Trimethylbenzene	25.0	31.2		ug/L		125	70 - 130	5	20
Vinyl acetate	25.0	23.8		ug/L		95	43 - 163	3	20
Vinyl chloride	25.0	20.3		ug/L		81	63 - 125	0	20
2,2-Dichloropropane	25.0	27.5		ug/L		110	70 - 140	2	20

Surrogate	LCSD % Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene	101		67 - 130
1,2-Dichloroethane-d4 (Surr)	86		67 - 130
Toluene-d8 (Surr)	105		70 - 130

Lab Sample ID: LCSD 720-97897/8

Matrix: Water

Analysis Batch: 97897

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12	500	390		ug/L		78	62 - 117	5	20

Surrogate	LCSD % Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene	101		67 - 130
1,2-Dichloroethane-d4 (Surr)	89		67 - 130
Toluene-d8 (Surr)	105		70 - 130

Lab Sample ID: MB 720-98024/5

Matrix: Water

Analysis Batch: 98024

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			08/27/11 10:54	1
Acetone	ND		50		ug/L			08/27/11 10:54	1
Benzene	ND		0.50		ug/L			08/27/11 10:54	1
Dichlorobromomethane	ND		0.50		ug/L			08/27/11 10:54	1
Bromobenzene	ND		1.0		ug/L			08/27/11 10:54	1
Chlorobromomethane	ND		1.0		ug/L			08/27/11 10:54	1
Bromoform	ND		1.0		ug/L			08/27/11 10:54	1
Bromomethane	ND		1.0		ug/L			08/27/11 10:54	1
2-Butanone (MEK)	ND		50		ug/L			08/27/11 10:54	1
n-Butylbenzene	ND		1.0		ug/L			08/27/11 10:54	1
sec-Butylbenzene	ND		1.0		ug/L			08/27/11 10:54	1
tert-Butylbenzene	ND		1.0		ug/L			08/27/11 10:54	1
Carbon disulfide	ND		5.0		ug/L			08/27/11 10:54	1
Carbon tetrachloride	ND		0.50		ug/L			08/27/11 10:54	1
Chlorobenzene	ND		0.50		ug/L			08/27/11 10:54	1
Chloroethane	ND		1.0		ug/L			08/27/11 10:54	1
Chloroform	ND		1.0		ug/L			08/27/11 10:54	1
Chloromethane	ND		1.0		ug/L			08/27/11 10:54	1
2-Chlorotoluene	ND		0.50		ug/L			08/27/11 10:54	1

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-98024/5

Matrix: Water

Analysis Batch: 98024

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4-Chlorotoluene	ND		0.50		ug/L			08/27/11 10:54	1
Chlorodibromomethane	ND		0.50		ug/L			08/27/11 10:54	1
1,2-Dichlorobenzene	ND		0.50		ug/L			08/27/11 10:54	1
1,3-Dichlorobenzene	ND		0.50		ug/L			08/27/11 10:54	1
1,4-Dichlorobenzene	ND		0.50		ug/L			08/27/11 10:54	1
1,3-Dichloropropane	ND		1.0		ug/L			08/27/11 10:54	1
1,1-Dichloropropene	ND		0.50		ug/L			08/27/11 10:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			08/27/11 10:54	1
Ethylene Dibromide	ND		0.50		ug/L			08/27/11 10:54	1
Dibromomethane	ND		0.50		ug/L			08/27/11 10:54	1
Dichlorodifluoromethane	ND		0.50		ug/L			08/27/11 10:54	1
1,1-Dichloroethane	ND		0.50		ug/L			08/27/11 10:54	1
1,2-Dichloroethane	ND		0.50		ug/L			08/27/11 10:54	1
1,1-Dichloroethene	ND		0.50		ug/L			08/27/11 10:54	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			08/27/11 10:54	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			08/27/11 10:54	1
1,2-Dichloropropane	ND		0.50		ug/L			08/27/11 10:54	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			08/27/11 10:54	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			08/27/11 10:54	1
Ethylbenzene	ND		0.50		ug/L			08/27/11 10:54	1
Hexachlorobutadiene	ND		1.0		ug/L			08/27/11 10:54	1
2-Hexanone	ND		50		ug/L			08/27/11 10:54	1
Isopropylbenzene	ND		0.50		ug/L			08/27/11 10:54	1
4-Isopropyltoluene	ND		1.0		ug/L			08/27/11 10:54	1
Methylene Chloride	ND		5.0		ug/L			08/27/11 10:54	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			08/27/11 10:54	1
Naphthalene	ND		1.0		ug/L			08/27/11 10:54	1
N-Propylbenzene	ND		1.0		ug/L			08/27/11 10:54	1
Styrene	ND		0.50		ug/L			08/27/11 10:54	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			08/27/11 10:54	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			08/27/11 10:54	1
Tetrachloroethene	ND		0.50		ug/L			08/27/11 10:54	1
Toluene	ND		0.50		ug/L			08/27/11 10:54	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			08/27/11 10:54	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			08/27/11 10:54	1
1,1,1-Trichloroethane	ND		0.50		ug/L			08/27/11 10:54	1
1,1,2-Trichloroethane	ND		0.50		ug/L			08/27/11 10:54	1
Trichloroethene	ND		0.50		ug/L			08/27/11 10:54	1
Trichlorofluoromethane	ND		1.0		ug/L			08/27/11 10:54	1
1,2,3-Trichloropropane	ND		0.50		ug/L			08/27/11 10:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			08/27/11 10:54	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			08/27/11 10:54	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			08/27/11 10:54	1
Vinyl acetate	ND		10		ug/L			08/27/11 10:54	1
Vinyl chloride	ND		0.50		ug/L			08/27/11 10:54	1
Xylenes, Total	ND		1.0		ug/L			08/27/11 10:54	1
2,2-Dichloropropane	ND		0.50		ug/L			08/27/11 10:54	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/27/11 10:54	1

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-98024/5

Matrix: Water

Analysis Batch: 98024

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
4-Bromofluorobenzene	95		67 - 130		08/27/11 10:54	1
1,2-Dichloroethane-d4 (Surr)	115		67 - 130		08/27/11 10:54	1
Toluene-d8 (Surr)	98		70 - 130		08/27/11 10:54	1

Lab Sample ID: LCS 720-98024/8

Matrix: Water

Analysis Batch: 98024

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS LCS		Unit	D	% Rec	% Rec. Limits
		Result	Qualifier				
Gasoline Range Organics (GRO) -C5-C12	500	426		ug/L		85	62 - 117

Surrogate	LCS LCS		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	103		67 - 130
1,2-Dichloroethane-d4 (Surr)	112		67 - 130
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 720-98024/9

Matrix: Water

Analysis Batch: 98024

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD LCSD		Unit	D	% Rec	% Rec. Limits	RPD	Limit
		Result	Qualifier						
Gasoline Range Organics (GRO) -C5-C12	500	417		ug/L		83	62 - 117	2	20

Surrogate	LCSD LCSD		Limits
	% Recovery	Qualifier	
4-Bromofluorobenzene	101		67 - 130
1,2-Dichloroethane-d4 (Surr)	114		67 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: MB 720-98055/5

Matrix: Water

Analysis Batch: 98055

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Tetrachloroethene	ND		0.50		ug/L			08/29/11 09:32	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			08/29/11 09:32	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	% Recovery	Qualifier				
4-Bromofluorobenzene	92		67 - 130		08/29/11 09:32	1
1,2-Dichloroethane-d4 (Surr)	85		67 - 130		08/29/11 09:32	1
Toluene-d8 (Surr)	98		70 - 130		08/29/11 09:32	1

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-98055/6

Matrix: Water

Analysis Batch: 98055

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Tetrachloroethene	25.0	31.9		ug/L		128	70 - 130
Surrogate							
	% Recovery	Qualifier	Limits				
4-Bromofluorobenzene	99		67 - 130				
1,2-Dichloroethane-d4 (Surr)	83		67 - 130				
Toluene-d8 (Surr)	104		70 - 130				

Lab Sample ID: LCS 720-98055/8

Matrix: Water

Analysis Batch: 98055

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	500	407		ug/L		81	62 - 117
Surrogate							
	% Recovery	Qualifier	Limits				
4-Bromofluorobenzene	99		67 - 130				
1,2-Dichloroethane-d4 (Surr)	82		67 - 130				
Toluene-d8 (Surr)	104		70 - 130				

Lab Sample ID: LCSD 720-98055/7

Matrix: Water

Analysis Batch: 98055

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Tetrachloroethene	25.0	31.4		ug/L		126	70 - 130	2	20
Surrogate									
	% Recovery	Qualifier	Limits						
4-Bromofluorobenzene	100		67 - 130						
1,2-Dichloroethane-d4 (Surr)	87		67 - 130						
Toluene-d8 (Surr)	105		70 - 130						

Lab Sample ID: LCSD 720-98055/9

Matrix: Water

Analysis Batch: 98055

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12	500	416		ug/L		83	62 - 117	2	20
Surrogate									
	% Recovery	Qualifier	Limits						
4-Bromofluorobenzene	99		67 - 130						
1,2-Dichloroethane-d4 (Surr)	79		67 - 130						
Toluene-d8 (Surr)	104		70 - 130						

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-98066/1-A

Matrix: Solid

Analysis Batch: 98058

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 98066

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		500		ug/Kg		08/29/11 08:00	08/29/11 11:13	100
N-Propylbenzene	ND		500		ug/Kg		08/29/11 08:00	08/29/11 11:13	100
Gasoline Range Organics (GRO) -C5-C12	ND		25000		ug/Kg		08/29/11 08:00	08/29/11 11:13	100

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		66 - 148	08/29/11 08:00	08/29/11 11:13	100
1,2-Dichloroethane-d4 (Surr)	93		62 - 137	08/29/11 08:00	08/29/11 11:13	100
Toluene-d8 (Surr)	96		65 - 141	08/29/11 08:00	08/29/11 11:13	100

Lab Sample ID: LCS 720-98066/2-A

Matrix: Solid

Analysis Batch: 98058

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98066

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
sec-Butylbenzene	2500	2620		ug/Kg		105	62 - 153
N-Propylbenzene	2500	2560		ug/Kg		102	65 - 144

Surrogate	LCS % Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	96		66 - 148
1,2-Dichloroethane-d4 (Surr)	94		62 - 137
Toluene-d8 (Surr)	99		65 - 141

Lab Sample ID: LCS 720-98066/4-A

Matrix: Solid

Analysis Batch: 98058

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 98066

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	50000	41900		ug/Kg		84	60 - 116

Surrogate	LCS % Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	98		66 - 148
1,2-Dichloroethane-d4 (Surr)	93		62 - 137
Toluene-d8 (Surr)	99		65 - 141

Lab Sample ID: LCSD 720-98066/3-A

Matrix: Solid

Analysis Batch: 98058

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98066

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
sec-Butylbenzene	2500	2670		ug/Kg		107	62 - 153	2	20
N-Propylbenzene	2500	2600		ug/Kg		104	65 - 144	2	20

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	94		66 - 148
1,2-Dichloroethane-d4 (Surr)	90		62 - 137
Toluene-d8 (Surr)	98		65 - 141

QC Sample Results

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-98066/5-A

Matrix: Solid

Analysis Batch: 98058

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 98066

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12	50000	40900		ug/Kg		82	60 - 116	2	20

Surrogate	LCSD % Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene	97		66 - 148
1,2-Dichloroethane-d4 (Surr)	93		62 - 137
Toluene-d8 (Surr)	98		65 - 141

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-97911/1-A

Matrix: Solid

Analysis Batch: 97965

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 97911

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		1.0		mg/Kg		08/25/11 09:07	08/26/11 11:53	1
Stoddard Solvent Range Organics (C9-C13)	ND		1.0		mg/Kg		08/25/11 09:07	08/26/11 11:53	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		08/25/11 09:07	08/26/11 11:53	1

Surrogate	MB % Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	97		50 - 150	08/25/11 09:07	08/26/11 11:53	1

Lab Sample ID: LCS 720-97911/2-A

Matrix: Solid

Analysis Batch: 97965

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 97911

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Diesel Range Organics [C10-C28]	83.1	75.2		mg/Kg		91	50 - 150

Surrogate	LCS % Recovery	LCS Qualifier	LCS Limits
p-Terphenyl	105		50 - 150

Lab Sample ID: LCSD 720-97911/3-A

Matrix: Solid

Analysis Batch: 97965

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 97911

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	83.3	77.6		mg/Kg		93	50 - 150	3	35

Surrogate	LCSD % Recovery	LCSD Qualifier	LCSD Limits
p-Terphenyl	101		50 - 150

QC Association Summary

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

GC/MS VOA

Prep Batch: 97869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37099-2	GC-1-5'-3"	Total/NA	Solid	5030B	
720-37099-6	GC-1A-S-3'	Total/NA	Solid	5030B	
LCS 720-97869/2-A	Lab Control Sample	Total/NA	Solid	5030B	
LCS 720-97869/4-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 720-97869/3-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
LCSD 720-97869/5-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
MB 720-97869/1-A	Method Blank	Total/NA	Solid	5030B	

Analysis Batch: 97872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37099-3	GC-2-GW-10'	Total/NA	Water	8260B	
720-37099-4	GC-2-GW-23'	Total/NA	Water	8260B	
720-37099-5	GC-1-GW-22.5'	Total/NA	Water	8260B	
LCS 720-97872/5	Lab Control Sample	Total/NA	Water	8260B	
LCS 720-97872/7	Lab Control Sample	Total/NA	Water	8260B	
LCSD 720-97872/6	Lab Control Sample Dup	Total/NA	Water	8260B	
LCSD 720-97872/8	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 720-97872/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 97875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37099-2	GC-1-5'-3"	Total/NA	Solid	8260B	97869
720-37099-6	GC-1A-S-3'	Total/NA	Solid	8260B	97869
LCS 720-97869/2-A	Lab Control Sample	Total/NA	Solid	8260B	97869
LCS 720-97869/4-A	Lab Control Sample	Total/NA	Solid	8260B	97869
LCSD 720-97869/3-A	Lab Control Sample Dup	Total/NA	Solid	8260B	97869
LCSD 720-97869/5-A	Lab Control Sample Dup	Total/NA	Solid	8260B	97869
MB 720-97869/1-A	Method Blank	Total/NA	Solid	8260B	97869

Analysis Batch: 97897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37099-1	TB-082311	Total/NA	Water	8260B	
LCS 720-97897/5	Lab Control Sample	Total/NA	Water	8260B	
LCS 720-97897/7	Lab Control Sample	Total/NA	Water	8260B	
LCSD 720-97897/6	Lab Control Sample Dup	Total/NA	Water	8260B	
LCSD 720-97897/8	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 720-97897/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 98024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37099-3	GC-2-GW-10'	Total/NA	Water	8260B	
720-37099-4	GC-2-GW-23'	Total/NA	Water	8260B	
LCS 720-98024/8	Lab Control Sample	Total/NA	Water	8260B	
LCSD 720-98024/9	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 720-98024/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 98055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37099-5	GC-1-GW-22.5'	Total/NA	Water	8260B	
LCS 720-98055/6	Lab Control Sample	Total/NA	Water	8260B	
LCS 720-98055/8	Lab Control Sample	Total/NA	Water	8260B	
LCSD 720-98055/7	Lab Control Sample Dup	Total/NA	Water	8260B	

QC Association Summary

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

GC/MS VOA (Continued)

Analysis Batch: 98055 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-98055/9	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 720-98055/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 98058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37099-2	GC-1-5'-3"	Total/NA	Solid	8260B/CA_LUFT	98066
720-37099-6	GC-1A-S-3'	Total/NA	Solid	MS	98066
LCS 720-98066/2-A	Lab Control Sample	Total/NA	Solid	8260B/CA_LUFT	98066
LCS 720-98066/4-A	Lab Control Sample	Total/NA	Solid	MS	98066
LCSD 720-98066/3-A	Lab Control Sample Dup	Total/NA	Solid	8260B/CA_LUFT	98066
LCSD 720-98066/5-A	Lab Control Sample Dup	Total/NA	Solid	MS	98066
MB 720-98066/1-A	Method Blank	Total/NA	Solid	8260B/CA_LUFT	98066
				MS	

Prep Batch: 98066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37099-2	GC-1-5'-3"	Total/NA	Solid	5030B	
720-37099-6	GC-1A-S-3'	Total/NA	Solid	5030B	
LCS 720-98066/2-A	Lab Control Sample	Total/NA	Solid	5030B	
LCS 720-98066/4-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 720-98066/3-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
LCSD 720-98066/5-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
MB 720-98066/1-A	Method Blank	Total/NA	Solid	5030B	

GC Semi VOA

Prep Batch: 97911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37099-2	GC-1-5'-3"	Total/NA	Solid	3546	
720-37099-6	GC-1A-S-3'	Total/NA	Solid	3546	
LCS 720-97911/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 720-97911/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
MB 720-97911/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 97965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-37099-2	GC-1-5'-3"	Total/NA	Solid	8015B	97911
720-37099-6	GC-1A-S-3'	Total/NA	Solid	8015B	97911
LCS 720-97911/2-A	Lab Control Sample	Total/NA	Solid	8015B	97911
LCSD 720-97911/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	97911
MB 720-97911/1-A	Method Blank	Total/NA	Solid	8015B	97911

Lab Chronicle

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Client Sample ID: TB-082311

Lab Sample ID: 720-37099-1

Date Collected: 08/23/11 00:00

Matrix: Water

Date Received: 08/23/11 17:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	97897	08/25/11 15:00	AC	TAL SF

Client Sample ID: GC-1-5'-3"

Lab Sample ID: 720-37099-2

Date Collected: 08/23/11 11:15

Matrix: Solid

Date Received: 08/23/11 17:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			97869	08/24/11 14:13	PGM	TAL SF
Total/NA	Analysis	8260B		1	97875	08/25/11 05:07	AC	TAL SF
Total/NA	Prep	5030B			98066	08/29/11 08:00	AC	TAL SF
Total/NA	Analysis	8260B/CA_LUFTMS		100	98058	08/29/11 14:17	YB	TAL SF
Total/NA	Prep	3546			97911	08/25/11 09:07	AM	TAL SF
Total/NA	Analysis	8015B		2	97965	08/26/11 12:16	DH	TAL SF

Client Sample ID: GC-2-GW-10'

Lab Sample ID: 720-37099-3

Date Collected: 08/23/11 11:30

Matrix: Water

Date Received: 08/23/11 17:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	97872	08/25/11 03:51	AC	TAL SF
Total/NA	Analysis	8260B		50	98024	08/27/11 15:44	AC	TAL SF

Client Sample ID: GC-2-GW-23'

Lab Sample ID: 720-37099-4

Date Collected: 08/23/11 13:10

Matrix: Water

Date Received: 08/23/11 17:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	97872	08/25/11 04:21	AC	TAL SF
Total/NA	Analysis	8260B		1	98024	08/27/11 16:13	AC	TAL SF

Client Sample ID: GC-1-GW-22.5'

Lab Sample ID: 720-37099-5

Date Collected: 08/23/11 14:25

Matrix: Water

Date Received: 08/23/11 17:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	97872	08/25/11 04:52	AC	TAL SF
Total/NA	Analysis	8260B		1	98055	08/29/11 13:49	AC	TAL SF

Client Sample ID: GC-1A-S-3'

Lab Sample ID: 720-37099-6

Date Collected: 08/23/11 14:50

Matrix: Solid

Date Received: 08/23/11 17:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			97869	08/24/11 14:13	PGM	TAL SF

Lab Chronicle

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Client Sample ID: GC-1A-S-3'

Lab Sample ID: 720-37099-6

Date Collected: 08/23/11 14:50

Matrix: Solid

Date Received: 08/23/11 17:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	97875	08/25/11 04:35	AC	TAL SF
Total/NA	Prep	5030B			98066	08/29/11 08:00	AC	TAL SF
Total/NA	Analysis	8260B/CA_LUFTMS		100	98058	08/29/11 13:46	YB	TAL SF
Total/NA	Prep	3546			97911	08/25/11 09:07	AM	TAL SF
Total/NA	Analysis	8015B		5	97965	08/26/11 12:40	DH	TAL SF

Laboratory References:

TAL SF = TestAmerica San Francisco, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica San Francisco	California	State Program	9	2496

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.

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Method Summary

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SF
8260B/CA_LUFTM S	8260B / CA LUFT MS	SW846	TAL SF
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SF = TestAmerica San Francisco, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: Ground Zero Analysis Inc
Project/Site: Fairfield

TestAmerica Job ID: 720-37099-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-37099-1	TB-082311	Water	08/23/11 00:00	08/23/11 17:20
720-37099-2	GC-1-5'-3"	Solid	08/23/11 11:15	08/23/11 17:20
720-37099-3	GC-2-GW-10'	Water	08/23/11 11:30	08/23/11 17:20
720-37099-4	GC-2-GW-23'	Water	08/23/11 13:10	08/23/11 17:20
720-37099-5	GC-1-GW-22.5'	Water	08/23/11 14:25	08/23/11 17:20
720-37099-6	GC-1A-S-3'	Solid	08/23/11 14:50	08/23/11 17:20

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- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

TestAmerica

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Reference #: 133255

Date 8/23/2011 Page 1 of 1

Report To

Analysis Request

Attn: <u>Sym Spectroscopie</u>	Company: <u>Ground Zero Analysis</u>	Address: <u>411714 Main St, Escalon CA</u>	Phone: <u>SLBARTH@comcast.net</u>	Bill To: <u>Ground Zero</u>	Sampled By: <u>S. Drahtwarte</u>	Attn: <u>Sym Spectroscopie</u>	Phone: <u>(925) 576-7609</u>														
Sample ID	Date	Time	Mat	Preserv	TPH EPA - 8260B	TEPH EPA 8015M*	EPA 8260B:	(HVOcs) EPA 8021 by 8260B	Oil and Grease (EPA 1664)	Pesticides	PNAs by	CAM17 Metals	Metals:	Low Level Metals by EPA 200.8/6020 (ICP-MS):	Hexavalent Chromium	pH (24h hold time for H ₂ O)	Spec. Cond.	Alkalinity	Anions:	Number of Containers	
<u>7B-082311</u>	<u>8/23/11</u>	<u>11:15 S</u>	<u>W</u>	<u>HCL</u>	<input checked="" type="checkbox"/> Gas w/ <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> MTBE	<input checked="" type="checkbox"/> Diesel <input checked="" type="checkbox"/> Motor Oil <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Gas <input checked="" type="checkbox"/> BTEX <input type="checkbox"/> 5 Oxygenates <input type="checkbox"/> DCA, EDB <input type="checkbox"/> Ethanol		<input checked="" type="checkbox"/> Total Petroleum	<input type="checkbox"/> EPA 8081 <input type="checkbox"/> 808 <input type="checkbox"/> EPA 8082 <input type="checkbox"/> 808	<input type="checkbox"/> 8270 <input type="checkbox"/> 8310	<input type="checkbox"/> Lead <input type="checkbox"/> LUFT <input type="checkbox"/> RCRA <input type="checkbox"/> Other:	<input type="checkbox"/> W.E.T (STLC) <input type="checkbox"/> TCLP	<input type="checkbox"/> Hexavalent Chromium <input type="checkbox"/> pH (24h hold time for H ₂ O)	<input type="checkbox"/> Spec. Cond. <input type="checkbox"/> Alkalinity <input type="checkbox"/> TSS <input type="checkbox"/> TDS	<input type="checkbox"/> Cl <input type="checkbox"/> SO ₄ <input type="checkbox"/> NO ₃ <input type="checkbox"/> F <input type="checkbox"/> Br <input type="checkbox"/> NO ₂ <input type="checkbox"/> PO ₄					
<u>GC-1-5'-3"</u>		<u>11:15 S</u>	<u>W</u>	<u>HCL</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>											<u>3</u>
<u>GC-2-GW-10'</u>		<u>11:32 W</u>	<u>W</u>	<u>HCL</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>											<u>3</u>
<u>GC-2-GW-23'</u>		<u>13:10 W</u>	<u>W</u>	<u>HCL</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>											<u>3</u>
<u>GC-1-GW-22.5'</u>		<u>14:25 W</u>	<u>W</u>	<u>HCL</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>											<u>3</u>
<u>GC-MS-3'</u>		<u>14:50 S</u>	<u>W</u>	<u>HCL</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>											<u>1</u>
<u>GC-1A-S-3'</u>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>											<u>1</u>

Project Info

Project Name: FARFIELD # of Containers: 14

Project#: B12 Head Space: _____

PO#: _____ Temp: 4.4c

Credit Card#: _____ Conforms to record: _____

Sample Receipt

1) Relinquished by: [Signature] Time: 17:20

Signature: _____ Time: _____

Printed Name: Sym Spectroscopie Date: 8/23/2011

Company: _____

2) Received by: _____ Time: _____

Signature: _____ Time: _____

Printed Name: _____ Date: _____

Company: _____

3) Relinquished by: _____ Time: _____

Signature: _____ Time: _____

Printed Name: _____ Date: _____

Company: _____

Report: Routine Level 3 Level 4 EDD State Tank

Fund EDF: _____

Special Instructions / Comments: Ignore Stoddard Solvent if it will be analyzed with diesel.

Global ID: _____

1) Received by: [Signature] Time: 17:20

Signature: _____ Time: _____

Printed Name: Mu Nien Date: 8-23-11

Company: _____

2) Received by: _____ Time: _____

Signature: _____ Time: _____

Printed Name: _____ Date: _____

Company: _____

3) Received by: _____ Time: _____

Signature: _____ Time: _____

Printed Name: _____ Date: _____

Company: _____

Login Sample Receipt Checklist

Client: Ground Zero Analysis Inc

Job Number: 720-37099-1

Login Number: 37099

List Source: TestAmerica San Francisco

List Number: 1

Creator: Mullen, Joan

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

C:\Work\EnviroCAD\GZA\Fairfield Cleaners\622 Jackson St\Work Plan\Figure 1 - GER Sample Locations.dwg Layout: Figure 3 Sep 07, 2011 - 11:06pm



LEGEND

-  Gillespie Cleaners/Solano Print/Fairfield Print
Walsohn, Spence, Duree, Inc.
622-630 Jackson Street
-  APN# 0030-243-170
-  Approximate Groundwater Flow Direction
-  GC-2  GC-1
Approximate Sample Location



Date:	09/07/11
Designed:	SB
Drawn:	OS
Checked:	SB
DWG file:	1

GE&R SAMPLE LOCATIONS
622 Jackson Street Investigation
Fairfield, California

JH0010918

Figure	1
Project	812