TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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TestAmerica Job ID: 440-94576-1
Client Project/Site: Santa Paula Waste Facility
Revision: 1

For:
Center for Toxicology & Env Health LLC
5120 North Shore Drive
North Little Rock, Arkansas 72118

Attn: Ms. Christine Millner

Debby Wilson

Authorized for release by:
12/24/2014 11:40:19 AM

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

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

Table of Contents

Cover Page 1
Table of Contents 2
Sample Summary 3
Case Narrative 4
Client Sample Results 6
Method Summary 28
Lab Chronicle 29
QC Sample Results 32
QC Association Summary 62
Definitions/Glossary 66
Certification Summary 67
Chain of Custody 68
Receipt Checklists 69

Sample Summary

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-94576-1	SACA1130SE001	Solid	11/30/14 10:33	12/01/14 09:57
440-94576-2	SACA1130SE002	Solid	11/30/14 11:10	12/01/14 09:57
440-94576-3	SACA1130SE003	Solid	11/30/14 11:35	12/01/14 09:57
440-94576-4	SACA1130SE004	Solid	11/30/14 12:00	12/01/14 09:57
440-94576-5	SACA1130N004	Solid	11/30/14 12:00	12/01/14 09:57
440-94576-6	SACA1130TB01	Water	11/30/14 00:01	12/01/14 09:57

Job ID: 440-94576-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-94576-1

Comments
Revised to dry-weight correct the solid samples per client request.

Receipt
The samples were received on 12/1/2014 9:57 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.5º C.

The Chain-of-Custody (COC) incorrectly listed 8270 for sample "SACA1130TB01." Analysis was cancelled per client.

The following sample was received at the laboratory without a sample collection time documented on the chain of custody: SACA1130TB01 (440-94576-6). The sample was logged in with a sampling time of 12:01AM.

GC/MS VOA
Method(s) 8260B: Surrogate recovery for the following sample(s) was outside control limits: (440-94782-1 MS), (440-94782-1 MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8260B: The continuing calibration verification (CCV) associated with batch 222478 recovered above the upper control limit for 2,2-Dichloropropane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 440-222478/2), SACA1130SE004 (440-94576-4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270C: The continuing calibration verification (CCV) associated with batch 222258 recovered above the upper control limit for 2,2-oxybix[1-chloropropane] and Aniline. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 440-222258/2), SACA1130N004 (440-94576-5), SACA1130SE001 (440-94576-1), SACA1130SE002 (440-94576-2), SACA1130SE003 (440-94576-3), SACA1130SE004 (440-94576-4).

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 227833 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8270C: The continuing calibration verification (CCV) associated with batch 222114 recovered above the upper control limit for 2,2-oxybix[1-chlorpropane]. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 440-222114/2), (MB 440-221833/1-A).

Method(s) 8270C: The laboratory control sample (LCS) for batch 221833 recovered outside control limits for the following analytes: 2,4-Dimethylphenol and N-Nitrosodiphenylamine. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method(s) 6010B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for batch 221913 was outside control limits for Zinc. Sample matrix interference and/or non-homogeneity are suspected. (440-94648-1 MSD)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Job ID: 440-94576-1 (Continued)

Laboratory: TestAmerica Irvine (Continued)

Organic Prep
Method(s) 3546: The following sample(s) was diluted due to the nature of the sample matrix: SACA1130N004 (440-94576-5), SACA1130SE002 (440-94576-2), SACA1130SE003 (440-94576-3), SACA1130SE004 (440-94576-4). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

Client Sample ID: SACA1130SE001
Date Collected: 11/30/14 10:33
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-1
Matrix: Solid
Percent Solids: 57.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
1,1,1-Trichloroethane	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
1,1,2,2-Tetrachloroethane	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
1,1,2-Trichloroethane	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
1,1-Dichloroethane	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
1,1-Dichloroethene	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
1,1-Dichloropropene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
1,2,3-Trichlorobenzene	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
1,2,3-Trichloropropane	ND		17.3		ug/Kg	☼		12/03/14 15:47	1
1,2,4-Trichlorobenzene	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
1,2,4-Trimethylbenzene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
1,2-Dibromo-3-Chloropropane	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
1,2-Dibromoethane (EDB)	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
1,2-Dichlorobenzene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
1,2-Dichloroethane	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
1,2-Dichloropropane	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
1,3,5-Trimethylbenzene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
1,3-Dichlorobenzene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
1,3-Dichloropropane	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
1,4-Dichlorobenzene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
2,2-Dichloropropane	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
2-Chlorotoluene	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
4-Chlorotoluene	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
Benzene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
Bromobenzene	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
Bromochloromethane	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
Bromodichloromethane	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
Bromoform	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
Bromomethane	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
Carbon tetrachloride	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
Chlorobenzene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
Chloroethane	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
Chloroform	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
Chloromethane	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
cis-1,2-Dichloroethene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
cis-1,3-Dichloropropene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
Dibromochloromethane	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
Dibromomethane	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
Dichlorodifluoromethane	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
Ethylbenzene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
Hexachlorobutadiene	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
Isopropylbenzene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
m,p-Xylene	ND		6.90		ug/Kg	☼		12/03/14 15:47	1
Methylene Chloride	ND		34.5		ug/Kg	☼		12/03/14 15:47	1
Methyl-t-Butyl Ether (MTBE)	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
Naphthalene	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
n-Butylbenzene	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
N-Propylbenzene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
o-Xylene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1

Client Sample ID: SACA1130SE001

Date Collected: 11/30/14 10:33
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-1
Matrix: Solid
Percent Solids: 57.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
Styrene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
Tert-amyl-methyl ether (TAME)	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
tert-Butylbenzene	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
Tetrachloroethene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
Toluene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
trans-1,2-Dichloroethene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
trans-1,3-Dichloropropene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
Trichloroethene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1
Trichlorofluoromethane	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
Vinyl chloride	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
Xylenes, Total	ND		6.90		ug/Kg	☼		12/03/14 15:47	1
Isopropyl Ether (DIPE)	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
Ethyl-t-butyl ether (ETBE)	ND		8.63		ug/Kg	☼		12/03/14 15:47	1
tert-Butyl alcohol (TBA)	ND		173		ug/Kg	☼		12/03/14 15:47	1
p-Isopropyltoluene	ND		3.45		ug/Kg	☼		12/03/14 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*116*		*79 - 123*		*12/03/14 15:47*	*1*
4-Bromofluorobenzene (Surr)	*111*		*79 - 120*		*12/03/14 15:47*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 120*		*12/03/14 15:47*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
1,2-Dichlorobenzene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
1,3-Dichlorobenzene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
1,4-Dichlorobenzene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
2,4,5-Trichlorophenol	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
2,4,6-Trichlorophenol	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
2,4-Dichlorophenol	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
2,4-Dimethylphenol	ND	*	560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
2,4-Dinitrophenol	ND		1120		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
2,4-Dinitrotoluene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
2,6-Dinitrotoluene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
2-Chloronaphthalene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
2-Chlorophenol	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
2-Methylnaphthalene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
2-Methylphenol	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
2-Nitroaniline	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
2-Nitrophenol	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
3,3'-Dichlorobenzidine	ND		1410		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
3-Nitroaniline	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
4,6-Dinitro-2-methylphenol	ND		713		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
4-Bromophenyl phenyl ether	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
4-Chloro-3-methylphenol	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
4-Chloroaniline	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
4-Chlorophenyl phenyl ether	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1

Client Sample ID: SACA1130SE001

Date Collected: 11/30/14 10:33
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-1

Matrix: Solid
Percent Solids: 57.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
4-Nitroaniline	ND		1410		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
4-Nitrophenol	ND		1410		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Acenaphthene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Acenaphthylene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Aniline	ND		713		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Anthracene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Benzidine	ND		2280		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Benzo[a]anthracene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Benzo[a]pyrene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Benzo[b]fluoranthene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Benzo[g,h,i]perylene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Benzo[k]fluoranthene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Benzoic acid	ND		1410		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Benzyl alcohol	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Bis(2-chloroethoxy)methane	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Bis(2-chloroethyl)ether	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Bis(2-ethylhexyl) phthalate	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Butyl benzyl phthalate	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Chrysene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Dibenz(a,h)anthracene	ND		713		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Dibenzofuran	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Diethyl phthalate	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Dimethyl phthalate	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Di-n-butyl phthalate	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Di-n-octyl phthalate	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Fluoranthene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Fluorene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Hexachlorobenzene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Hexachlorobutadiene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Hexachlorocyclopentadiene	ND		1410		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Hexachloroethane	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Indeno[1,2,3-cd]pyrene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Isophorone	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Naphthalene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Nitrobenzene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
N-Nitrosodi-n-propylamine	ND		424		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
N-Nitrosodiphenylamine	ND	*	560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Pentachlorophenol	ND		1410		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Phenanthrene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Phenol	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
Pyrene	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
bis (2-chloroisopropyl) ether	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1
N-Nitrosodimethylamine	ND		560		ug/Kg	☼	12/01/14 16:52	12/03/14 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*93*		*35 - 120*	*12/01/14 16:52*	*12/03/14 15:05*	*1*
2-Fluorophenol (Surr)	*94*		*25 - 120*	*12/01/14 16:52*	*12/03/14 15:05*	*1*
2,4,6-Tribromophenol (Surr)	*95*		*35 - 125*	*12/01/14 16:52*	*12/03/14 15:05*	*1*
Nitrobenzene-d5 (Surr)	*93*		*30 - 120*	*12/01/14 16:52*	*12/03/14 15:05*	*1*

Client Sample Results

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

Client Sample ID: SACA1130SE001

Date Collected: 11/30/14 10:33
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-1

Matrix: Solid
Percent Solids: 57.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	*54*		*40 - 135*	*12/01/14 16:52*	*12/03/14 15:05*	*1*
Phenol-d6 (Surr)	*101*		*35 - 120*	*12/01/14 16:52*	*12/03/14 15:05*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		676		ug/Kg	☼		12/09/14 22:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*76*		*65 - 140*		*12/09/14 22:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		8.68		mg/Kg	☼	12/01/14 14:42	12/02/14 08:43	1
C23-C40	**9.50**		8.68		mg/Kg	☼	12/01/14 14:42	12/02/14 08:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	*46*		*40 - 140*	*12/01/14 14:42*	*12/02/14 08:43*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		17.2		mg/Kg	☼	12/02/14 07:38	12/03/14 17:13	5
Arsenic	**6.02**		5.17		mg/Kg	☼	12/02/14 07:38	12/03/14 17:13	5
Barium	**164**		2.58		mg/Kg	☼	12/02/14 07:38	12/03/14 17:13	5
Beryllium	ND		0.861		mg/Kg	☼	12/02/14 07:38	12/03/14 17:13	5
Cadmium	**1.68**		0.861		mg/Kg	☼	12/02/14 07:38	12/03/14 17:13	5
Chromium	**26.4**		1.72		mg/Kg	☼	12/02/14 07:38	12/03/14 17:13	5
Cobalt	**6.43**		1.72		mg/Kg	☼	12/02/14 07:38	12/03/14 17:13	5
Copper	**36.5**		3.44		mg/Kg	☼	12/02/14 07:38	12/03/14 17:13	5
Lead	**19.5**		3.44		mg/Kg	☼	12/02/14 07:38	12/03/14 17:13	5
Molybdenum	ND		3.44		mg/Kg	☼	12/02/14 07:38	12/03/14 17:13	5
Nickel	**30.5**		3.44		mg/Kg	☼	12/02/14 07:38	12/03/14 17:13	5
Selenium	ND		5.17		mg/Kg	☼	12/02/14 07:38	12/03/14 17:13	5
Thallium	ND		17.2		mg/Kg	☼	12/02/14 07:38	12/03/14 17:13	5
Vanadium	**40.2**		1.72		mg/Kg	☼	12/02/14 07:38	12/03/14 17:13	5
Zinc	**106**		8.61		mg/Kg	☼	12/02/14 07:38	12/03/14 17:13	5
Silver	ND		2.58		mg/Kg	☼	12/02/14 07:38	12/03/14 17:13	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0348**		0.0341		mg/Kg	☼	12/04/14 09:42	12/04/14 16:15	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**43**		0.10		%			12/18/14 12:53	1
Percent Solids	**57**		0.10		%			12/18/14 12:53	1

Client Sample Results

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

Client Sample ID: SACA1130SE002

Date Collected: 11/30/14 11:10
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-2

Matrix: Solid
Percent Solids: 62.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
1,1,1-Trichloroethane	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
1,1,2,2-Tetrachloroethane	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
1,1,2-Trichloroethane	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
1,1-Dichloroethane	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
1,1-Dichloroethene	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
1,1-Dichloropropene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
1,2,3-Trichlorobenzene	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
1,2,3-Trichloropropane	ND		15.9		ug/Kg	☼		12/03/14 16:17	1
1,2,4-Trichlorobenzene	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
1,2,4-Trimethylbenzene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
1,2-Dibromo-3-Chloropropane	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
1,2-Dibromoethane (EDB)	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
1,2-Dichlorobenzene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
1,2-Dichloroethane	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
1,2-Dichloropropane	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
1,3,5-Trimethylbenzene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
1,3-Dichlorobenzene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
1,3-Dichloropropane	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
1,4-Dichlorobenzene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
2,2-Dichloropropane	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
2-Chlorotoluene	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
4-Chlorotoluene	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
Benzene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
Bromobenzene	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
Bromochloromethane	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
Bromodichloromethane	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
Bromoform	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
Bromomethane	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
Carbon tetrachloride	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
Chlorobenzene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
Chloroethane	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
Chloroform	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
Chloromethane	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
cis-1,2-Dichloroethene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
cis-1,3-Dichloropropene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
Dibromochloromethane	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
Dibromomethane	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
Dichlorodifluoromethane	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
Ethylbenzene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
Hexachlorobutadiene	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
Isopropylbenzene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
m,p-Xylene	ND		6.37		ug/Kg	☼		12/03/14 16:17	1
Methylene Chloride	ND		31.9		ug/Kg	☼		12/03/14 16:17	1
Methyl-t-Butyl Ether (MTBE)	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
Naphthalene	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
n-Butylbenzene	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
N-Propylbenzene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
o-Xylene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1

Client Sample ID: SACA1130SE002

Date Collected: 11/30/14 11:10
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-2

Matrix: Solid
Percent Solids: 62.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
Styrene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
Tert-amyl-methyl ether (TAME)	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
tert-Butylbenzene	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
Tetrachloroethene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
Toluene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
trans-1,2-Dichloroethene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
trans-1,3-Dichloropropene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
Trichloroethene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1
Trichlorofluoromethane	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
Vinyl chloride	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
Xylenes, Total	ND		6.37		ug/Kg	☼		12/03/14 16:17	1
Isopropyl Ether (DIPE)	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
Ethyl-t-butyl ether (ETBE)	ND		7.97		ug/Kg	☼		12/03/14 16:17	1
tert-Butyl alcohol (TBA)	ND		159		ug/Kg	☼		12/03/14 16:17	1
p-Isopropyltoluene	ND		3.19		ug/Kg	☼		12/03/14 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*114*		*79 - 123*		*12/03/14 16:17*	*1*
4-Bromofluorobenzene (Surr)	*112*		*79 - 120*		*12/03/14 16:17*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 120*		*12/03/14 16:17*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
1,2-Dichlorobenzene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
1,3-Dichlorobenzene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
1,4-Dichlorobenzene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
2,4,5-Trichlorophenol	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
2,4,6-Trichlorophenol	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
2,4-Dichlorophenol	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
2,4-Dimethylphenol	ND	*	512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
2,4-Dinitrophenol	ND		1020		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
2,4-Dinitrotoluene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
2,6-Dinitrotoluene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
2-Chloronaphthalene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
2-Chlorophenol	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
2-Methylnaphthalene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
2-Methylphenol	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
2-Nitroaniline	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
2-Nitrophenol	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
3,3'-Dichlorobenzidine	ND		1290		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
3-Nitroaniline	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
4,6-Dinitro-2-methylphenol	ND		652		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
4-Bromophenyl phenyl ether	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
4-Chloro-3-methylphenol	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
4-Chloroaniline	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
4-Chlorophenyl phenyl ether	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1

Client Sample ID: SACA1130SE002

Date Collected: 11/30/14 11:10
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-2

Matrix: Solid
Percent Solids: 62.4

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
4-Nitroaniline	ND		1290		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
4-Nitrophenol	ND		1290		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Acenaphthene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Acenaphthylene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Aniline	ND		652		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Anthracene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Benzidine	ND		2080		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Benzo[a]anthracene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Benzo[a]pyrene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Benzo[b]fluoranthene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Benzo[g,h,i]perylene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Benzo[k]fluoranthene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Benzoic acid	ND		1290		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Benzyl alcohol	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Bis(2-chloroethoxy)methane	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Bis(2-chloroethyl)ether	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Bis(2-ethylhexyl) phthalate	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Butyl benzyl phthalate	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Chrysene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Dibenz(a,h)anthracene	ND		652		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Dibenzofuran	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Diethyl phthalate	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Dimethyl phthalate	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Di-n-butyl phthalate	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Di-n-octyl phthalate	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Fluoranthene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Fluorene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Hexachlorobenzene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Hexachlorobutadiene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Hexachlorocyclopentadiene	ND		1290		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Hexachloroethane	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Indeno[1,2,3-cd]pyrene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Isophorone	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Naphthalene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Nitrobenzene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
N-Nitrosodi-n-propylamine	ND		388		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
N-Nitrosodiphenylamine	ND	*	512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Pentachlorophenol	ND		1290		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Phenanthrene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Phenol	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
Pyrene	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
bis (2-chloroisopropyl) ether	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1
N-Nitrosodimethylamine	ND		512		ug/Kg	☼	12/01/14 16:52	12/03/14 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*97*		*35 - 120*	*12/01/14 16:52*	*12/03/14 16:13*	*1*
2-Fluorophenol (Surr)	*92*		*25 - 120*	*12/01/14 16:52*	*12/03/14 16:13*	*1*
2,4,6-Tribromophenol (Surr)	*92*		*35 - 125*	*12/01/14 16:52*	*12/03/14 16:13*	*1*
Nitrobenzene-d5 (Surr)	*95*		*30 - 120*	*12/01/14 16:52*	*12/03/14 16:13*	*1*

Client Sample Results

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

Client Sample ID: SACA1130SE002

Date Collected: 11/30/14 11:10
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-2

Matrix: Solid
Percent Solids: 62.4

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*63*		*40 - 135*	*12/01/14 16:52*	*12/03/14 16:13*	*1*
Phenol-d6 (Surr)	*96*		*35 - 120*	*12/01/14 16:52*	*12/03/14 16:13*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		640		ug/Kg	☼		12/09/14 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*65 - 140*		*12/09/14 22:31*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		16.3		mg/Kg	☼	12/01/14 16:50	12/02/14 10:10	1
C23-C40	**21.1**		16.3		mg/Kg	☼	12/01/14 16:50	12/02/14 10:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*52*		*40 - 140*	*12/01/14 16:50*	*12/02/14 10:10*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		16.0		mg/Kg	☼	12/02/14 07:38	12/03/14 17:15	5
Arsenic	**5.29**		4.79		mg/Kg	☼	12/02/14 07:38	12/03/14 17:15	5
Barium	**344**		2.39		mg/Kg	☼	12/02/14 07:38	12/03/14 17:15	5
Beryllium	ND		0.798		mg/Kg	☼	12/02/14 07:38	12/03/14 17:15	5
Cadmium	**1.31**		0.798		mg/Kg	☼	12/02/14 07:38	12/03/14 17:15	5
Chromium	**19.4**		1.60		mg/Kg	☼	12/02/14 07:38	12/03/14 17:15	5
Cobalt	**4.34**		1.60		mg/Kg	☼	12/02/14 07:38	12/03/14 17:15	5
Copper	**29.9**		3.19		mg/Kg	☼	12/02/14 07:38	12/03/14 17:15	5
Lead	**21.3**		3.19		mg/Kg	☼	12/02/14 07:38	12/03/14 17:15	5
Molybdenum	ND		3.19		mg/Kg	☼	12/02/14 07:38	12/03/14 17:15	5
Nickel	**22.6**		3.19		mg/Kg	☼	12/02/14 07:38	12/03/14 17:15	5
Selenium	ND		4.79		mg/Kg	☼	12/02/14 07:38	12/03/14 17:15	5
Thallium	ND		16.0		mg/Kg	☼	12/02/14 07:38	12/03/14 17:15	5
Vanadium	**29.2**		1.60		mg/Kg	☼	12/02/14 07:38	12/03/14 17:15	5
Zinc	**74.6**		7.98		mg/Kg	☼	12/02/14 07:38	12/03/14 17:15	5
Silver	ND		2.39		mg/Kg	☼	12/02/14 07:38	12/03/14 17:15	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0319**		0.0314		mg/Kg	☼	12/04/14 09:42	12/04/14 16:18	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**38**		0.10		%			12/18/14 12:53	1
Percent Solids	**62**		0.10		%			12/18/14 12:53	1

Client Sample Results

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

Client Sample ID: SACA1130SE003

Date Collected: 11/30/14 11:35
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-3

Matrix: Solid
Percent Solids: 54.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
1,1,1-Trichloroethane	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
1,1,2,2-Tetrachloroethane	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
1,1,2-Trichloroethane	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
1,1-Dichloroethane	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
1,1-Dichloroethene	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
1,1-Dichloropropene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
1,2,3-Trichlorobenzene	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
1,2,3-Trichloropropane	ND		18.2		ug/Kg	☼		12/03/14 16:46	1
1,2,4-Trichlorobenzene	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
1,2,4-Trimethylbenzene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
1,2-Dibromo-3-Chloropropane	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
1,2-Dibromoethane (EDB)	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
1,2-Dichlorobenzene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
1,2-Dichloroethane	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
1,2-Dichloropropane	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
1,3,5-Trimethylbenzene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
1,3-Dichlorobenzene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
1,3-Dichloropropane	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
1,4-Dichlorobenzene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
2,2-Dichloropropane	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
2-Chlorotoluene	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
4-Chlorotoluene	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
Benzene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
Bromobenzene	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
Bromochloromethane	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
Bromodichloromethane	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
Bromoform	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
Bromomethane	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
Carbon tetrachloride	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
Chlorobenzene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
Chloroethane	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
Chloroform	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
Chloromethane	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
cis-1,2-Dichloroethene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
cis-1,3-Dichloropropene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
Dibromochloromethane	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
Dibromomethane	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
Dichlorodifluoromethane	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
Ethylbenzene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
Hexachlorobutadiene	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
Isopropylbenzene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
m,p-Xylene	ND		7.28		ug/Kg	☼		12/03/14 16:46	1
Methylene Chloride	ND		36.4		ug/Kg	☼		12/03/14 16:46	1
Methyl-t-Butyl Ether (MTBE)	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
Naphthalene	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
n-Butylbenzene	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
N-Propylbenzene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
o-Xylene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1

Client Sample ID: SACA1130SE003

Date Collected: 11/30/14 11:35
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-3
Matrix: Solid
Percent Solids: 54.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
Styrene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
Tert-amyl-methyl ether (TAME)	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
tert-Butylbenzene	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
Tetrachloroethene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
Toluene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
trans-1,2-Dichloroethene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
trans-1,3-Dichloropropene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
Trichloroethene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1
Trichlorofluoromethane	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
Vinyl chloride	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
Xylenes, Total	ND		7.28		ug/Kg	☼		12/03/14 16:46	1
Isopropyl Ether (DIPE)	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
Ethyl-t-butyl ether (ETBE)	ND		9.10		ug/Kg	☼		12/03/14 16:46	1
tert-Butyl alcohol (TBA)	ND		182		ug/Kg	☼		12/03/14 16:46	1
p-Isopropyltoluene	ND		3.64		ug/Kg	☼		12/03/14 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*116*		*79 - 123*		*12/03/14 16:46*	*1*
4-Bromofluorobenzene (Surr)	*113*		*79 - 120*		*12/03/14 16:46*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 120*		*12/03/14 16:46*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
1,2-Dichlorobenzene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
1,3-Dichlorobenzene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
1,4-Dichlorobenzene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
2,4,5-Trichlorophenol	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
2,4,6-Trichlorophenol	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
2,4-Dichlorophenol	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
2,4-Dimethylphenol	ND	*	600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
2,4-Dinitrophenol	ND		1200		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
2,4-Dinitrotoluene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
2,6-Dinitrotoluene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
2-Chloronaphthalene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
2-Chlorophenol	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
2-Methylnaphthalene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
2-Methylphenol	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
2-Nitroaniline	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
2-Nitrophenol	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
3,3'-Dichlorobenzidine	ND		1510		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
3-Nitroaniline	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
4,6-Dinitro-2-methylphenol	ND		764		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
4-Bromophenyl phenyl ether	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
4-Chloro-3-methylphenol	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
4-Chloroaniline	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
4-Chlorophenyl phenyl ether	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1

Client Sample ID: SACA1130SE003

Date Collected: 11/30/14 11:35
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-3

Matrix: Solid
Percent Solids: 54.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
4-Nitroaniline	ND		1510		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
4-Nitrophenol	ND		1510		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Acenaphthene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Acenaphthylene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Aniline	ND		764		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Anthracene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Benzidine	ND		2440		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Benzo[a]anthracene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Benzo[a]pyrene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Benzo[b]fluoranthene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Benzo[g,h,i]perylene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Benzo[k]fluoranthene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Benzoic acid	ND		1510		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Benzyl alcohol	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Bis(2-chloroethoxy)methane	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Bis(2-chloroethyl)ether	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Bis(2-ethylhexyl) phthalate	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Butyl benzyl phthalate	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Chrysene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Dibenz(a,h)anthracene	ND		764		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Dibenzofuran	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Diethyl phthalate	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Dimethyl phthalate	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Di-n-butyl phthalate	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Di-n-octyl phthalate	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Fluoranthene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Fluorene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Hexachlorobenzene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Hexachlorobutadiene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Hexachlorocyclopentadiene	ND		1510		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Hexachloroethane	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Indeno[1,2,3-cd]pyrene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Isophorone	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Naphthalene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Nitrobenzene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
N-Nitrosodi-n-propylamine	ND		454		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
N-Nitrosodiphenylamine	ND	*	600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Pentachlorophenol	ND		1510		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Phenanthrene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Phenol	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
Pyrene	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
bis (2-chloroisopropyl) ether	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1
N-Nitrosodimethylamine	ND		600		ug/Kg	☼	12/01/14 16:52	12/03/14 16:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*95*		*35 - 120*	*12/01/14 16:52*	*12/03/14 16:36*	*1*
2-Fluorophenol (Surr)	*94*		*25 - 120*	*12/01/14 16:52*	*12/03/14 16:36*	*1*
2,4,6-Tribromophenol (Surr)	*97*		*35 - 125*	*12/01/14 16:52*	*12/03/14 16:36*	*1*
Nitrobenzene-d5 (Surr)	*96*		*30 - 120*	*12/01/14 16:52*	*12/03/14 16:36*	*1*

Client Sample Results

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

Client Sample ID: SACA1130SE003

Date Collected: 11/30/14 11:35
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-3

Matrix: Solid
Percent Solids: 54.5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*66*		*40 - 135*	*12/01/14 16:52*	*12/03/14 16:36*	*1*
Phenol-d6 (Surr)	*101*		*35 - 120*	*12/01/14 16:52*	*12/03/14 16:36*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		684		ug/Kg	☼		12/09/14 23:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*65 - 140*		*12/09/14 23:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		19.5		mg/Kg	☼	12/01/14 16:50	12/03/14 11:21	1
C23-C40	**31.8**		19.5		mg/Kg	☼	12/01/14 16:50	12/03/14 11:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane	*56*		*40 - 140*	*12/01/14 16:50*	*12/03/14 11:21*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		18.0		mg/Kg	☼	12/02/14 07:38	12/03/14 17:16	5
Arsenic	ND		5.39		mg/Kg	☼	12/02/14 07:38	12/03/14 17:16	5
Barium	**522**		2.70		mg/Kg	☼	12/02/14 07:38	12/03/14 17:16	5
Beryllium	ND		0.899		mg/Kg	☼	12/02/14 07:38	12/03/14 17:16	5
Cadmium	**1.59**		0.899		mg/Kg	☼	12/02/14 07:38	12/03/14 17:16	5
Chromium	**23.5**		1.80		mg/Kg	☼	12/02/14 07:38	12/03/14 17:16	5
Cobalt	**5.15**		1.80		mg/Kg	☼	12/02/14 07:38	12/03/14 17:16	5
Copper	**36.4**		3.60		mg/Kg	☼	12/02/14 07:38	12/03/14 17:16	5
Lead	**19.4**		3.60		mg/Kg	☼	12/02/14 07:38	12/03/14 17:16	5
Molybdenum	ND		3.60		mg/Kg	☼	12/02/14 07:38	12/03/14 17:16	5
Nickel	**27.3**		3.60		mg/Kg	☼	12/02/14 07:38	12/03/14 17:16	5
Selenium	ND		5.39		mg/Kg	☼	12/02/14 07:38	12/03/14 17:16	5
Thallium	ND		18.0		mg/Kg	☼	12/02/14 07:38	12/03/14 17:16	5
Vanadium	**35.9**		1.80		mg/Kg	☼	12/02/14 07:38	12/03/14 17:16	5
Zinc	**93.8**		8.99		mg/Kg	☼	12/02/14 07:38	12/03/14 17:16	5
Silver	ND		2.70		mg/Kg	☼	12/02/14 07:38	12/03/14 17:16	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.126**		0.0367		mg/Kg	☼	12/04/14 09:42	12/04/14 16:20	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**45**		0.10		%			12/18/14 12:53	1
Percent Solids	**55**		0.10		%			12/18/14 12:53	1

Client Sample Results

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

Client Sample ID: SACA1130SE004

Date Collected: 11/30/14 12:00
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-4

Matrix: Solid
Percent Solids: 61.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
1,1,1-Trichloroethane	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
1,1,2,2-Tetrachloroethane	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
1,1,2-Trichloroethane	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
1,1-Dichloroethane	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
1,1-Dichloroethene	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
1,1-Dichloropropene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
1,2,3-Trichlorobenzene	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
1,2,3-Trichloropropane	ND		16.3		ug/Kg	☼		12/04/14 10:06	1
1,2,4-Trichlorobenzene	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
1,2,4-Trimethylbenzene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
1,2-Dibromo-3-Chloropropane	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
1,2-Dibromoethane (EDB)	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
1,2-Dichlorobenzene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
1,2-Dichloroethane	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
1,2-Dichloropropane	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
1,3,5-Trimethylbenzene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
1,3-Dichlorobenzene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
1,3-Dichloropropane	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
1,4-Dichlorobenzene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
2,2-Dichloropropane	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
2-Chlorotoluene	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
4-Chlorotoluene	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
Benzene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
Bromobenzene	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
Bromochloromethane	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
Bromodichloromethane	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
Bromoform	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
Bromomethane	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
Carbon tetrachloride	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
Chlorobenzene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
Chloroethane	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
Chloroform	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
Chloromethane	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
cis-1,2-Dichloroethene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
cis-1,3-Dichloropropene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
Dibromochloromethane	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
Dibromomethane	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
Dichlorodifluoromethane	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
Ethylbenzene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
Hexachlorobutadiene	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
Isopropylbenzene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
m,p-Xylene	ND		6.51		ug/Kg	☼		12/04/14 10:06	1
Methylene Chloride	ND		32.6		ug/Kg	☼		12/04/14 10:06	1
Methyl-t-Butyl Ether (MTBE)	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
Naphthalene	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
n-Butylbenzene	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
N-Propylbenzene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
o-Xylene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1

Client Sample ID: SACA1130SE004

Date Collected: 11/30/14 12:00
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-4

Matrix: Solid
Percent Solids: 61.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
Styrene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
Tert-amyl-methyl ether (TAME)	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
tert-Butylbenzene	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
Tetrachloroethene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
Toluene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
trans-1,2-Dichloroethene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
trans-1,3-Dichloropropene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
Trichloroethene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1
Trichlorofluoromethane	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
Vinyl chloride	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
Xylenes, Total	ND		6.51		ug/Kg	☼		12/04/14 10:06	1
Isopropyl Ether (DIPE)	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
Ethyl-t-butyl ether (ETBE)	ND		8.14		ug/Kg	☼		12/04/14 10:06	1
tert-Butyl alcohol (TBA)	ND		163		ug/Kg	☼		12/04/14 10:06	1
p-Isopropyltoluene	ND		3.26		ug/Kg	☼		12/04/14 10:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*79 - 123*		*12/04/14 10:06*	*1*
4-Bromofluorobenzene (Surr)	*81*		*79 - 120*		*12/04/14 10:06*	*1*
Dibromofluoromethane (Surr)	*94*		*60 - 120*		*12/04/14 10:06*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
1,2-Dichlorobenzene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
1,3-Dichlorobenzene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
1,4-Dichlorobenzene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
2,4,5-Trichlorophenol	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
2,4,6-Trichlorophenol	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
2,4-Dichlorophenol	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
2,4-Dimethylphenol	ND	*	531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
2,4-Dinitrophenol	ND		1060		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
2,4-Dinitrotoluene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
2,6-Dinitrotoluene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
2-Chloronaphthalene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
2-Chlorophenol	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
2-Methylnaphthalene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
2-Methylphenol	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
2-Nitroaniline	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
2-Nitrophenol	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
3,3'-Dichlorobenzidine	ND		1330		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
3-Nitroaniline	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
4,6-Dinitro-2-methylphenol	ND		675		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
4-Bromophenyl phenyl ether	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
4-Chloro-3-methylphenol	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
4-Chloroaniline	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
4-Chlorophenyl phenyl ether	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1

Client Sample ID: SACA1130SE004

Date Collected: 11/30/14 12:00
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-4

Matrix: Solid
Percent Solids: 61.2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
4-Nitroaniline	ND		1330		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
4-Nitrophenol	ND		1330		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Acenaphthene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Acenaphthylene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Aniline	ND		675		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Anthracene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Benzidine	ND		2150		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Benzo[a]anthracene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Benzo[a]pyrene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Benzo[b]fluoranthene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Benzo[g,h,i]perylene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Benzo[k]fluoranthene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Benzoic acid	ND		1330		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Benzyl alcohol	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Bis(2-chloroethoxy)methane	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Bis(2-chloroethyl)ether	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Bis(2-ethylhexyl) phthalate	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Butyl benzyl phthalate	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Chrysene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Dibenz(a,h)anthracene	ND		675		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Dibenzofuran	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Diethyl phthalate	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Dimethyl phthalate	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Di-n-butyl phthalate	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Di-n-octyl phthalate	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Fluoranthene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Fluorene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Hexachlorobenzene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Hexachlorobutadiene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Hexachlorocyclopentadiene	ND		1330		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Hexachloroethane	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Indeno[1,2,3-cd]pyrene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Isophorone	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Naphthalene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Nitrobenzene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
N-Nitrosodi-n-propylamine	ND		402		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
N-Nitrosodiphenylamine	ND	*	531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Pentachlorophenol	ND		1330		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Phenanthrene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Phenol	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
Pyrene	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
bis (2-chloroisopropyl) ether	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1
N-Nitrosodimethylamine	ND		531		ug/Kg	☼	12/01/14 16:52	12/03/14 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*92*		*35 - 120*	*12/01/14 16:52*	*12/03/14 16:58*	*1*
2-Fluorophenol (Surr)	*92*		*25 - 120*	*12/01/14 16:52*	*12/03/14 16:58*	*1*
2,4,6-Tribromophenol (Surr)	*99*		*35 - 125*	*12/01/14 16:52*	*12/03/14 16:58*	*1*
Nitrobenzene-d5 (Surr)	*93*		*30 - 120*	*12/01/14 16:52*	*12/03/14 16:58*	*1*

Client Sample Results

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

Client Sample ID: SACA1130SE004

Date Collected: 11/30/14 12:00
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-4

Matrix: Solid
Percent Solids: 61.2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	*63*		*40 - 135*	*12/01/14 16:52*	*12/03/14 16:58*	*1*
Phenol-d6 (Surr)	*97*		*35 - 120*	*12/01/14 16:52*	*12/03/14 16:58*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		651		ug/Kg	☼		12/09/14 23:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*75*		*65 - 140*		*12/09/14 23:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		17.3		mg/Kg	☼	12/01/14 16:50	12/02/14 10:53	1
C23-C40	**18.6**		17.3		mg/Kg	☼	12/01/14 16:50	12/02/14 10:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	*42*		*40 - 140*	*12/01/14 16:50*	*12/02/14 10:53*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		16.3		mg/Kg	☼	12/02/14 07:38	12/03/14 17:18	5
Arsenic	**7.01**		4.88		mg/Kg	☼	12/02/14 07:38	12/03/14 17:18	5
Barium	**314**		2.44		mg/Kg	☼	12/02/14 07:38	12/03/14 17:18	5
Beryllium	ND		0.813		mg/Kg	☼	12/02/14 07:38	12/03/14 17:18	5
Cadmium	**1.24**		0.813		mg/Kg	☼	12/02/14 07:38	12/03/14 17:18	5
Chromium	**22.3**		1.63		mg/Kg	☼	12/02/14 07:38	12/03/14 17:18	5
Cobalt	**5.70**		1.63		mg/Kg	☼	12/02/14 07:38	12/03/14 17:18	5
Copper	**32.3**		3.25		mg/Kg	☼	12/02/14 07:38	12/03/14 17:18	5
Lead	**17.3**		3.25		mg/Kg	☼	12/02/14 07:38	12/03/14 17:18	5
Molybdenum	ND		3.25		mg/Kg	☼	12/02/14 07:38	12/03/14 17:18	5
Nickel	**25.6**		3.25		mg/Kg	☼	12/02/14 07:38	12/03/14 17:18	5
Selenium	ND		4.88		mg/Kg	☼	12/02/14 07:38	12/03/14 17:18	5
Thallium	ND		16.3		mg/Kg	☼	12/02/14 07:38	12/03/14 17:18	5
Vanadium	**37.0**		1.63		mg/Kg	☼	12/02/14 07:38	12/03/14 17:18	5
Zinc	**92.3**		8.13		mg/Kg	☼	12/02/14 07:38	12/03/14 17:18	5
Silver	ND		2.44		mg/Kg	☼	12/02/14 07:38	12/03/14 17:18	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0321		mg/Kg	☼	12/04/14 09:42	12/04/14 16:22	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**39**		0.10		%			12/18/14 12:53	1
Percent Solids	**61**		0.10		%			12/18/14 12:53	1

Client Sample Results

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

Client Sample ID: SACA1130N004
Date Collected: 11/30/14 12:00
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-5
Matrix: Solid
Percent Solids: 63.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
1,1,1-Trichloroethane	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
1,1,2,2-Tetrachloroethane	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
1,1,2-Trichloroethane	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
1,1-Dichloroethane	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
1,1-Dichloroethene	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
1,1-Dichloropropene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
1,2,3-Trichlorobenzene	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
1,2,3-Trichloropropane	ND		15.8		ug/Kg	☼		12/03/14 17:45	1
1,2,4-Trichlorobenzene	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
1,2,4-Trimethylbenzene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
1,2-Dibromo-3-Chloropropane	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
1,2-Dibromoethane (EDB)	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
1,2-Dichlorobenzene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
1,2-Dichloroethane	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
1,2-Dichloropropane	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
1,3,5-Trimethylbenzene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
1,3-Dichlorobenzene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
1,3-Dichloropropane	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
1,4-Dichlorobenzene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
2,2-Dichloropropane	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
2-Chlorotoluene	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
4-Chlorotoluene	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
Benzene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
Bromobenzene	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
Bromochloromethane	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
Bromodichloromethane	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
Bromoform	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
Bromomethane	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
Carbon tetrachloride	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
Chlorobenzene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
Chloroethane	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
Chloroform	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
Chloromethane	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
cis-1,2-Dichloroethene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
cis-1,3-Dichloropropene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
Dibromochloromethane	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
Dibromomethane	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
Dichlorodifluoromethane	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
Ethylbenzene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
Hexachlorobutadiene	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
Isopropylbenzene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
m,p-Xylene	ND		6.31		ug/Kg	☼		12/03/14 17:45	1
Methylene Chloride	ND		31.6		ug/Kg	☼		12/03/14 17:45	1
Methyl-t-Butyl Ether (MTBE)	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
Naphthalene	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
n-Butylbenzene	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
N-Propylbenzene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
o-Xylene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1

Client Sample ID: SACA1130N004

Date Collected: 11/30/14 12:00
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-5

Matrix: Solid
Percent Solids: 63.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
Styrene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
Tert-amyl-methyl ether (TAME)	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
tert-Butylbenzene	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
Tetrachloroethene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
Toluene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
trans-1,2-Dichloroethene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
trans-1,3-Dichloropropene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
Trichloroethene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1
Trichlorofluoromethane	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
Vinyl chloride	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
Xylenes, Total	ND		6.31		ug/Kg	☼		12/03/14 17:45	1
Isopropyl Ether (DIPE)	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
Ethyl-t-butyl ether (ETBE)	ND		7.89		ug/Kg	☼		12/03/14 17:45	1
tert-Butyl alcohol (TBA)	ND		158		ug/Kg	☼		12/03/14 17:45	1
p-Isopropyltoluene	ND		3.16		ug/Kg	☼		12/03/14 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*117*		*79 - 123*		*12/03/14 17:45*	*1*
4-Bromofluorobenzene (Surr)	*113*		*79 - 120*		*12/03/14 17:45*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 120*		*12/03/14 17:45*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
1,2-Dichlorobenzene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
1,3-Dichlorobenzene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
1,4-Dichlorobenzene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
2,4,5-Trichlorophenol	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
2,4,6-Trichlorophenol	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
2,4-Dichlorophenol	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
2,4-Dimethylphenol	ND	*	520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
2,4-Dinitrophenol	ND		1040		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
2,4-Dinitrotoluene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
2,6-Dinitrotoluene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
2-Chloronaphthalene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
2-Chlorophenol	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
2-Methylnaphthalene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
2-Methylphenol	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
2-Nitroaniline	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
2-Nitrophenol	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
3,3'-Dichlorobenzidine	ND		1310		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
3-Nitroaniline	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
4,6-Dinitro-2-methylphenol	ND		662		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
4-Bromophenyl phenyl ether	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
4-Chloro-3-methylphenol	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
4-Chloroaniline	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
4-Chlorophenyl phenyl ether	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1

Client Sample ID: SACA1130N004

Date Collected: 11/30/14 12:00
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-5

Matrix: Solid
Percent Solids: 63.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Methylphenol + 4-Methylphenol	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
4-Nitroaniline	ND		1310		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
4-Nitrophenol	ND		1310		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Acenaphthene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Acenaphthylene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Aniline	ND		662		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Anthracene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Benzidine	ND		2110		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Benzo[a]anthracene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Benzo[a]pyrene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Benzo[b]fluoranthene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Benzo[g,h,i]perylene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Benzo[k]fluoranthene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Benzoic acid	ND		1310		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Benzyl alcohol	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Bis(2-chloroethoxy)methane	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Bis(2-chloroethyl)ether	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Bis(2-ethylhexyl) phthalate	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Butyl benzyl phthalate	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Chrysene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Dibenz(a,h)anthracene	ND		662		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Dibenzofuran	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Diethyl phthalate	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Dimethyl phthalate	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Di-n-butyl phthalate	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Di-n-octyl phthalate	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Fluoranthene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Fluorene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Hexachlorobenzene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Hexachlorobutadiene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Hexachlorocyclopentadiene	ND		1310		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Hexachloroethane	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Indeno[1,2,3-cd]pyrene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Isophorone	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Naphthalene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Nitrobenzene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
N-Nitrosodi-n-propylamine	ND		394		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
N-Nitrosodiphenylamine	ND	*	520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Pentachlorophenol	ND		1310		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Phenanthrene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Phenol	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
Pyrene	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
bis (2-chloroisopropyl) ether	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1
N-Nitrosodimethylamine	ND		520		ug/Kg	☼	12/01/14 16:52	12/03/14 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*106*		*35 - 120*	*12/01/14 16:52*	*12/03/14 17:21*	*1*
2-Fluorophenol (Surr)	*100*		*25 - 120*	*12/01/14 16:52*	*12/03/14 17:21*	*1*
2,4,6-Tribromophenol (Surr)	*102*		*35 - 125*	*12/01/14 16:52*	*12/03/14 17:21*	*1*
Nitrobenzene-d5 (Surr)	*101*		*30 - 120*	*12/01/14 16:52*	*12/03/14 17:21*	*1*

Client Sample Results

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

Client Sample ID: SACA1130N004

Date Collected: 11/30/14 12:00
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-5

Matrix: Solid
Percent Solids: 63.0

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	*80*		*40 - 135*	*12/01/14 16:52*	*12/03/14 17:21*	*1*
Phenol-d6 (Surr)	*104*		*35 - 120*	*12/01/14 16:52*	*12/03/14 17:21*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		593		ug/Kg	☼		12/09/14 23:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*78*		*65 - 140*		*12/09/14 23:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		16.8		mg/Kg	☼	12/01/14 16:50	12/03/14 12:23	1
C23-C40	**38.0**		16.8		mg/Kg	☼	12/01/14 16:50	12/03/14 12:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	*62*		*40 - 140*	*12/01/14 16:50*	*12/03/14 12:23*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		15.8		mg/Kg	☼	12/02/14 07:38	12/03/14 17:20	5
Arsenic	**5.19**		4.74		mg/Kg	☼	12/02/14 07:38	12/03/14 17:20	5
Barium	**289**		2.37		mg/Kg	☼	12/02/14 07:38	12/03/14 17:20	5
Beryllium	ND		0.790		mg/Kg	☼	12/02/14 07:38	12/03/14 17:20	5
Cadmium	**1.03**		0.790		mg/Kg	☼	12/02/14 07:38	12/03/14 17:20	5
Chromium	**18.0**		1.58		mg/Kg	☼	12/02/14 07:38	12/03/14 17:20	5
Cobalt	**4.19**		1.58		mg/Kg	☼	12/02/14 07:38	12/03/14 17:20	5
Copper	**24.6**		3.16		mg/Kg	☼	12/02/14 07:38	12/03/14 17:20	5
Lead	**14.3**		3.16		mg/Kg	☼	12/02/14 07:38	12/03/14 17:20	5
Molybdenum	ND		3.16		mg/Kg	☼	12/02/14 07:38	12/03/14 17:20	5
Nickel	**20.6**		3.16		mg/Kg	☼	12/02/14 07:38	12/03/14 17:20	5
Selenium	ND		4.74		mg/Kg	☼	12/02/14 07:38	12/03/14 17:20	5
Thallium	ND		15.8		mg/Kg	☼	12/02/14 07:38	12/03/14 17:20	5
Vanadium	**28.4**		1.58		mg/Kg	☼	12/02/14 07:38	12/03/14 17:20	5
Zinc	**78.4**		7.90		mg/Kg	☼	12/02/14 07:38	12/03/14 17:20	5
Silver	ND		2.37		mg/Kg	☼	12/02/14 07:38	12/03/14 17:20	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0324		mg/Kg	☼	12/04/14 09:42	12/04/14 16:25	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**37**		0.10		%			12/18/14 12:53	1
Percent Solids	**63**		0.10		%			12/18/14 12:53	1

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

Client Sample ID: SACA1130TB01
Date Collected: 11/30/14 00:01
Date Received: 12/01/14 09:57

Lab Sample ID: 440-94576-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.00		ug/L			12/04/14 02:11	1
1,1,1-Trichloroethane	ND		2.00		ug/L			12/04/14 02:11	1
1,1,2,2-Tetrachloroethane	ND		2.00		ug/L			12/04/14 02:11	1
1,1,2-Trichloroethane	ND		2.00		ug/L			12/04/14 02:11	1
1,1-Dichloroethane	ND		2.00		ug/L			12/04/14 02:11	1
1,1-Dichloroethene	ND		5.00		ug/L			12/04/14 02:11	1
1,1-Dichloropropene	ND		2.00		ug/L			12/04/14 02:11	1
1,2,3-Trichlorobenzene	ND		5.00		ug/L			12/04/14 02:11	1
1,2,3-Trichloropropane	ND		10.0		ug/L			12/04/14 02:11	1
1,2,4-Trichlorobenzene	ND		5.00		ug/L			12/04/14 02:11	1
1,2,4-Trimethylbenzene	ND		2.00		ug/L			12/04/14 02:11	1
1,2-Dibromo-3-Chloropropane	ND		5.00		ug/L			12/04/14 02:11	1
1,2-Dibromoethane (EDB)	ND		2.00		ug/L			12/04/14 02:11	1
1,2-Dichlorobenzene	ND		2.00		ug/L			12/04/14 02:11	1
1,2-Dichloroethane	ND		2.00		ug/L			12/04/14 02:11	1
1,2-Dichloropropane	ND		2.00		ug/L			12/04/14 02:11	1
1,3,5-Trimethylbenzene	ND		2.00		ug/L			12/04/14 02:11	1
1,3-Dichlorobenzene	ND		2.00		ug/L			12/04/14 02:11	1
1,3-Dichloropropane	ND		2.00		ug/L			12/04/14 02:11	1
1,4-Dichlorobenzene	ND		2.00		ug/L			12/04/14 02:11	1
2,2-Dichloropropane	ND		2.00		ug/L			12/04/14 02:11	1
2-Chlorotoluene	ND		5.00		ug/L			12/04/14 02:11	1
4-Chlorotoluene	ND		5.00		ug/L			12/04/14 02:11	1
Benzene	ND		2.00		ug/L			12/04/14 02:11	1
Bromobenzene	ND		5.00		ug/L			12/04/14 02:11	1
Bromochloromethane	ND		5.00		ug/L			12/04/14 02:11	1
Bromodichloromethane	ND		2.00		ug/L			12/04/14 02:11	1
Bromoform	ND		5.00		ug/L			12/04/14 02:11	1
Bromomethane	ND		5.00		ug/L			12/04/14 02:11	1
Carbon tetrachloride	ND		5.00		ug/L			12/04/14 02:11	1
Chlorobenzene	ND		2.00		ug/L			12/04/14 02:11	1
Chloroethane	ND		5.00		ug/L			12/04/14 02:11	1
Chloroform	ND		2.00		ug/L			12/04/14 02:11	1
Chloromethane	ND		5.00		ug/L			12/04/14 02:11	1
cis-1,2-Dichloroethene	ND		2.00		ug/L			12/04/14 02:11	1
cis-1,3-Dichloropropene	ND		2.00		ug/L			12/04/14 02:11	1
Dibromochloromethane	ND		2.00		ug/L			12/04/14 02:11	1
Dibromomethane	ND		2.00		ug/L			12/04/14 02:11	1
Dichlorodifluoromethane	ND		5.00		ug/L			12/04/14 02:11	1
Ethylbenzene	ND		2.00		ug/L			12/04/14 02:11	1
Hexachlorobutadiene	ND		5.00		ug/L			12/04/14 02:11	1
Isopropylbenzene	ND		2.00		ug/L			12/04/14 02:11	1
m,p-Xylene	ND		2.00		ug/L			12/04/14 02:11	1
Methylene Chloride	ND		5.00		ug/L			12/04/14 02:11	1
Methyl-t-Butyl Ether (MTBE)	ND		1.00		ug/L			12/04/14 02:11	1
Naphthalene	ND		5.00		ug/L			12/04/14 02:11	1
n-Butylbenzene	ND		5.00		ug/L			12/04/14 02:11	1
N-Propylbenzene	ND		2.00		ug/L			12/04/14 02:11	1
o-Xylene	ND		2.00		ug/L			12/04/14 02:11	1

Client Sample Results

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

Client Sample ID: SACA1130TB01

Lab Sample ID: 440-94576-6

Date Collected: 11/30/14 00:01

Matrix: Water

Date Received: 12/01/14 09:57

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		5.00		ug/L			12/04/14 02:11	1
Styrene	ND		2.00		ug/L			12/04/14 02:11	1
Tert-amyl-methyl ether (TAME)	ND		5.00		ug/L			12/04/14 02:11	1
tert-Butylbenzene	ND		5.00		ug/L			12/04/14 02:11	1
Tetrachloroethene	ND		2.00		ug/L			12/04/14 02:11	1
Toluene	ND		2.00		ug/L			12/04/14 02:11	1
trans-1,2-Dichloroethene	ND		2.00		ug/L			12/04/14 02:11	1
trans-1,3-Dichloropropene	ND		2.00		ug/L			12/04/14 02:11	1
Trichloroethene	ND		2.00		ug/L			12/04/14 02:11	1
Trichlorofluoromethane	ND		5.00		ug/L			12/04/14 02:11	1
Vinyl chloride	ND		5.00		ug/L			12/04/14 02:11	1
Xylenes, Total	ND		2.00		ug/L			12/04/14 02:11	1
Isopropyl Ether (DIPE)	ND		5.00		ug/L			12/04/14 02:11	1
Ethyl-t-butyl ether (ETBE)	ND		5.00		ug/L			12/04/14 02:11	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			12/04/14 02:11	1
p-Isopropyltoluene	ND		2.00		ug/L			12/04/14 02:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*80 - 128*		*12/04/14 02:11*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*12/04/14 02:11*	*1*
Dibromofluoromethane (Surr)	*97*		*76 - 132*		*12/04/14 02:11*	*1*

Method Summary

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL IRV
8015B	Gasoline Range Organics - (GC)	SW846	TAL IRV
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL IRV
6010B	Metals (ICP)	SW846	TAL IRV
7471A	Mercury (CVAA)	SW846	TAL IRV
Moisture	Percent Moisture	EPA	TAL IRV

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

Client Sample ID: SACA1130SE001

Lab Sample ID: 440-94576-1

Date Collected: 11/30/14 10:33
Matrix: Solid
Date Received: 12/01/14 09:57
Percent Solids: 57.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.04 g	10 mL	222176	12/03/14 15:47	AL	TAL IRV
Total/NA	Prep	3546			15.37 g	1 mL	221833	12/01/14 16:52	VA	TAL IRV
Total/NA	Analysis	8270C		1	15.37 g	1 mL	222258	12/03/14 15:05	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.15 g	10 mL	223393	12/09/14 22:02	PH	TAL IRV
Total/NA	Prep	3546			15.04 g	1 mL	221789	12/01/14 14:42	VA	TAL IRV
Total/NA	Analysis	8015B		1	15.04 g	1 mL	221973	12/02/14 08:43	EI	TAL IRV
Total/NA	Prep	3050B			2.02 g	50 mL	221913	12/02/14 07:38	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.02 g	50 mL	222442	12/03/14 17:13	VS	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	222535	12/04/14 09:42	JS1	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	222665	12/04/14 16:15	DB	TAL IRV
Total/NA	Analysis	Moisture		1			225570	12/18/14 12:53	NTN	TAL IRV

Client Sample ID: SACA1130SE002

Lab Sample ID: 440-94576-2

Date Collected: 11/30/14 11:10
Matrix: Solid
Date Received: 12/01/14 09:57
Percent Solids: 62.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.03 g	10 mL	222176	12/03/14 16:17	AL	TAL IRV
Total/NA	Prep	3546			15.50 g	1 mL	221833	12/01/14 16:52	VA	TAL IRV
Total/NA	Analysis	8270C		1	15.50 g	1 mL	222258	12/03/14 16:13	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.01 g	10 mL	223393	12/09/14 22:31	PH	TAL IRV
Total/NA	Prep	3546			7.37 g	1 mL	221789	12/01/14 16:50	VA	TAL IRV
Total/NA	Analysis	8015B		1	7.37 g	1 mL	221973	12/02/14 10:10	EI	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	221913	12/02/14 07:38	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.01 g	50 mL	222442	12/03/14 17:15	VS	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	222535	12/04/14 09:42	JS1	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	222665	12/04/14 16:18	DB	TAL IRV
Total/NA	Analysis	Moisture		1			225570	12/18/14 12:53	NTN	TAL IRV

Client Sample ID: SACA1130SE003

Lab Sample ID: 440-94576-3

Date Collected: 11/30/14 11:35
Matrix: Solid
Date Received: 12/01/14 09:57
Percent Solids: 54.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.04 g	10 mL	222176	12/03/14 16:46	AL	TAL IRV
Total/NA	Prep	3546			15.13 g	1 mL	221833	12/01/14 16:52	VA	TAL IRV
Total/NA	Analysis	8270C		1	15.13 g	1 mL	222258	12/03/14 16:36	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.36 g	10 mL	223393	12/09/14 23:00	PH	TAL IRV
Total/NA	Prep	3546			7.06 g	1 mL	221789	12/01/14 16:50	VA	TAL IRV
Total/NA	Analysis	8015B		1	7.06 g	1 mL	222289	12/03/14 11:21	EI	TAL IRV
Total/NA	Prep	3050B			2.04 g	50 mL	221913	12/02/14 07:38	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.04 g	50 mL	222442	12/03/14 17:16	VS	TAL IRV

Lab Chronicle

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

Client Sample ID: SACA1130SE003 — Lab Sample ID: 440-94576-3

Date Collected: 11/30/14 11:35 — **Matrix: Solid**
Date Received: 12/01/14 09:57 — **Percent Solids: 54.5**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.50 g	50 mL	222535	12/04/14 09:42	JS1	TAL IRV
Total/NA	Analysis	7471A		1	0.50 g	50 mL	222665	12/04/14 16:20	DB	TAL IRV
Total/NA	Analysis	Moisture		1			225570	12/18/14 12:53	NTN	TAL IRV

Client Sample ID: SACA1130SE004 — Lab Sample ID: 440-94576-4

Date Collected: 11/30/14 12:00 — **Matrix: Solid**
Date Received: 12/01/14 09:57 — **Percent Solids: 61.2**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.02 g	10 mL	222478	12/04/14 10:06	YK	TAL IRV
Total/NA	Prep	3546			15.25 g	1 mL	221833	12/01/14 16:52	VA	TAL IRV
Total/NA	Analysis	8270C		1	15.25 g	1 mL	222258	12/03/14 16:58	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.02 g	10 mL	223393	12/09/14 23:30	PH	TAL IRV
Total/NA	Prep	3546			7.08 g	1 mL	221789	12/01/14 16:50	VA	TAL IRV
Total/NA	Analysis	8015B		1	7.08 g	1 mL	221973	12/02/14 10:53	EI	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	221913	12/02/14 07:38	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.01 g	50 mL	222442	12/03/14 17:18	VS	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	222535	12/04/14 09:42	JS1	TAL IRV
Total/NA	Analysis	7471A		1	0.51 g	50 mL	222665	12/04/14 16:22	DB	TAL IRV
Total/NA	Analysis	Moisture		1			225570	12/18/14 12:53	NTN	TAL IRV

Client Sample ID: SACA1130N004 — Lab Sample ID: 440-94576-5

Date Collected: 11/30/14 12:00 — **Matrix: Solid**
Date Received: 12/01/14 09:57 — **Percent Solids: 63.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5.03 g	10 mL	222176	12/03/14 17:45	AL	TAL IRV
Total/NA	Prep	3546			15.12 g	1 mL	221833	12/01/14 16:52	VA	TAL IRV
Total/NA	Analysis	8270C		1	15.12 g	1 mL	222258	12/03/14 17:21	VS	TAL IRV
Total/NA	Analysis	8015B		1	5.36 g	10 mL	223393	12/09/14 23:59	PH	TAL IRV
Total/NA	Prep	3546			7.10 g	1 mL	221789	12/01/14 16:50	VA	TAL IRV
Total/NA	Analysis	8015B		1	7.10 g	1 mL	222289	12/03/14 12:23	EI	TAL IRV
Total/NA	Prep	3050B			2.01 g	50 mL	221913	12/02/14 07:38	DT	TAL IRV
Total/NA	Analysis	6010B		5	2.01 g	50 mL	222442	12/03/14 17:20	VS	TAL IRV
Total/NA	Prep	7471A			0.49 g	50 mL	222535	12/04/14 09:42	JS1	TAL IRV
Total/NA	Analysis	7471A		1	0.49 g	50 mL	222665	12/04/14 16:25	DB	TAL IRV
Total/NA	Analysis	Moisture		1			225570	12/18/14 12:53	NTN	TAL IRV

Lab Chronicle

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

Client Sample ID: SACA1130TB01

Lab Sample ID: 440-94576-6

Date Collected: 11/30/14 00:01

Matrix: Water

Date Received: 12/01/14 09:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	222421	12/04/14 02:11	AA	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

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

Lab Sample ID: MB 440-222176/7
Matrix: Solid
Analysis Batch: 222176

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.00		ug/Kg			12/03/14 08:45	1
1,1,1-Trichloroethane	ND		2.00		ug/Kg			12/03/14 08:45	1
1,1,2,2-Tetrachloroethane	ND		2.00		ug/Kg			12/03/14 08:45	1
1,1,2-Trichloroethane	ND		2.00		ug/Kg			12/03/14 08:45	1
1,1-Dichloroethane	ND		2.00		ug/Kg			12/03/14 08:45	1
1,1-Dichloroethene	ND		5.00		ug/Kg			12/03/14 08:45	1
1,1-Dichloropropene	ND		2.00		ug/Kg			12/03/14 08:45	1
1,2,3-Trichlorobenzene	ND		5.00		ug/Kg			12/03/14 08:45	1
1,2,3-Trichloropropane	ND		10.0		ug/Kg			12/03/14 08:45	1
1,2,4-Trichlorobenzene	ND		5.00		ug/Kg			12/03/14 08:45	1
1,2,4-Trimethylbenzene	ND		2.00		ug/Kg			12/03/14 08:45	1
1,2-Dibromo-3-Chloropropane	ND		5.00		ug/Kg			12/03/14 08:45	1
1,2-Dibromoethane (EDB)	ND		2.00		ug/Kg			12/03/14 08:45	1
1,2-Dichlorobenzene	ND		2.00		ug/Kg			12/03/14 08:45	1
1,2-Dichloroethane	ND		2.00		ug/Kg			12/03/14 08:45	1
1,2-Dichloropropane	ND		2.00		ug/Kg			12/03/14 08:45	1
1,3,5-Trimethylbenzene	ND		2.00		ug/Kg			12/03/14 08:45	1
1,3-Dichlorobenzene	ND		2.00		ug/Kg			12/03/14 08:45	1
1,3-Dichloropropane	ND		2.00		ug/Kg			12/03/14 08:45	1
1,4-Dichlorobenzene	ND		2.00		ug/Kg			12/03/14 08:45	1
2,2-Dichloropropane	ND		2.00		ug/Kg			12/03/14 08:45	1
2-Chlorotoluene	ND		5.00		ug/Kg			12/03/14 08:45	1
4-Chlorotoluene	ND		5.00		ug/Kg			12/03/14 08:45	1
Benzene	ND		2.00		ug/Kg			12/03/14 08:45	1
Bromobenzene	ND		5.00		ug/Kg			12/03/14 08:45	1
Bromochloromethane	ND		5.00		ug/Kg			12/03/14 08:45	1
Bromodichloromethane	ND		2.00		ug/Kg			12/03/14 08:45	1
Bromoform	ND		5.00		ug/Kg			12/03/14 08:45	1
Bromomethane	ND		5.00		ug/Kg			12/03/14 08:45	1
Carbon tetrachloride	ND		5.00		ug/Kg			12/03/14 08:45	1
Chlorobenzene	ND		2.00		ug/Kg			12/03/14 08:45	1
Chloroethane	ND		5.00		ug/Kg			12/03/14 08:45	1
Chloroform	ND		2.00		ug/Kg			12/03/14 08:45	1
Chloromethane	ND		5.00		ug/Kg			12/03/14 08:45	1
cis-1,2-Dichloroethene	ND		2.00		ug/Kg			12/03/14 08:45	1
cis-1,3-Dichloropropene	ND		2.00		ug/Kg			12/03/14 08:45	1
Dibromochloromethane	ND		2.00		ug/Kg			12/03/14 08:45	1
Dibromomethane	ND		2.00		ug/Kg			12/03/14 08:45	1
Dichlorodifluoromethane	ND		5.00		ug/Kg			12/03/14 08:45	1
Ethylbenzene	ND		2.00		ug/Kg			12/03/14 08:45	1
Hexachlorobutadiene	ND		5.00		ug/Kg			12/03/14 08:45	1
Isopropylbenzene	ND		2.00		ug/Kg			12/03/14 08:45	1
m,p-Xylene	ND		4.00		ug/Kg			12/03/14 08:45	1
Methylene Chloride	ND		20.0		ug/Kg			12/03/14 08:45	1
Methyl-t-Butyl Ether (MTBE)	ND		5.00		ug/Kg			12/03/14 08:45	1
Naphthalene	ND		5.00		ug/Kg			12/03/14 08:45	1
n-Butylbenzene	ND		5.00		ug/Kg			12/03/14 08:45	1
N-Propylbenzene	ND		2.00		ug/Kg			12/03/14 08:45	1

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

Lab Sample ID: MB 440-222176/7
Matrix: Solid
Analysis Batch: 222176

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		2.00		ug/Kg			12/03/14 08:45	1
sec-Butylbenzene	ND		5.00		ug/Kg			12/03/14 08:45	1
Styrene	ND		2.00		ug/Kg			12/03/14 08:45	1
Tert-amyl-methyl ether (TAME)	ND		5.00		ug/Kg			12/03/14 08:45	1
tert-Butylbenzene	ND		5.00		ug/Kg			12/03/14 08:45	1
Tetrachloroethene	ND		2.00		ug/Kg			12/03/14 08:45	1
Toluene	ND		2.00		ug/Kg			12/03/14 08:45	1
trans-1,2-Dichloroethene	ND		2.00		ug/Kg			12/03/14 08:45	1
trans-1,3-Dichloropropene	ND		2.00		ug/Kg			12/03/14 08:45	1
Trichloroethene	ND		2.00		ug/Kg			12/03/14 08:45	1
Trichlorofluoromethane	ND		5.00		ug/Kg			12/03/14 08:45	1
Vinyl chloride	ND		5.00		ug/Kg			12/03/14 08:45	1
Xylenes, Total	ND		4.00		ug/Kg			12/03/14 08:45	1
Isopropyl Ether (DIPE)	ND		5.00		ug/Kg			12/03/14 08:45	1
Ethyl-t-butyl ether (ETBE)	ND		5.00		ug/Kg			12/03/14 08:45	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg			12/03/14 08:45	1
p-Isopropyltoluene	ND		2.00		ug/Kg			12/03/14 08:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*109*		*79 - 123*		*12/03/14 08:45*	*1*
4-Bromofluorobenzene (Surr)	*97*		*79 - 120*		*12/03/14 08:45*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 120*		*12/03/14 08:45*	*1*

Lab Sample ID: LCS 440-222176/5
Matrix: Solid
Analysis Batch: 222176

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	57.38		ug/Kg		115	70 - 130
1,1,1-Trichloroethane	50.0	57.65		ug/Kg		115	65 - 135
1,1,2,2-Tetrachloroethane	50.0	54.37		ug/Kg		109	55 - 140
1,1,2-Trichloroethane	50.0	52.92		ug/Kg		106	65 - 135
1,1-Dichloroethane	50.0	51.53		ug/Kg		103	70 - 130
1,1-Dichloroethene	50.0	51.29		ug/Kg		103	70 - 125
1,1-Dichloropropene	50.0	60.89		ug/Kg		122	70 - 130
1,2,3-Trichlorobenzene	50.0	55.06		ug/Kg		110	60 - 130
1,2,3-Trichloropropane	50.0	59.73		ug/Kg		119	60 - 135
1,2,4-Trichlorobenzene	50.0	58.33		ug/Kg		117	70 - 135
1,2,4-Trimethylbenzene	50.0	54.03		ug/Kg		108	70 - 125
1,2-Dibromo-3-Chloropropane	50.0	54.78		ug/Kg		110	50 - 135
1,2-Dibromoethane (EDB)	50.0	57.62		ug/Kg		115	70 - 130
1,2-Dichlorobenzene	50.0	54.26		ug/Kg		109	75 - 120
1,2-Dichloroethane	50.0	52.85		ug/Kg		106	60 - 140
1,2-Dichloropropane	50.0	50.94		ug/Kg		102	70 - 130
1,3,5-Trimethylbenzene	50.0	56.10		ug/Kg		112	70 - 125
1,3-Dichlorobenzene	50.0	52.70		ug/Kg		105	75 - 125
1,3-Dichloropropane	50.0	52.59		ug/Kg		105	70 - 125
1,4-Dichlorobenzene	50.0	51.95		ug/Kg		104	75 - 120

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

Lab Sample ID: LCS 440-222176/5
Matrix: Solid
Analysis Batch: 222176

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	50.0	56.63		ug/Kg		113	60 - 145
2-Chlorotoluene	50.0	52.13		ug/Kg		104	70 - 125
4-Chlorotoluene	50.0	53.95		ug/Kg		108	75 - 125
Benzene	50.0	50.88		ug/Kg		102	65 - 120
Bromobenzene	50.0	54.89		ug/Kg		110	75 - 120
Bromochloromethane	50.0	55.24		ug/Kg		110	70 - 135
Bromodichloromethane	50.0	51.55		ug/Kg		103	70 - 135
Bromoform	50.0	56.23		ug/Kg		112	55 - 135
Bromomethane	50.0	52.73		ug/Kg		105	60 - 145
Carbon tetrachloride	50.0	61.01		ug/Kg		122	65 - 140
Chlorobenzene	50.0	49.17		ug/Kg		98	75 - 120
Chloroethane	50.0	50.48		ug/Kg		101	60 - 140
Chloroform	50.0	52.72		ug/Kg		105	70 - 130
Chloromethane	50.0	46.41		ug/Kg		93	45 - 145
cis-1,2-Dichloroethene	50.0	49.92		ug/Kg		100	70 - 125
cis-1,3-Dichloropropene	50.0	56.52		ug/Kg		113	75 - 125
Dibromochloromethane	50.0	57.21		ug/Kg		114	65 - 140
Dibromomethane	50.0	54.10		ug/Kg		108	70 - 130
Dichlorodifluoromethane	50.0	42.49		ug/Kg		85	35 - 160
Ethylbenzene	50.0	53.35		ug/Kg		107	70 - 125
Hexachlorobutadiene	50.0	55.83		ug/Kg		112	60 - 135
Isopropylbenzene	50.0	57.25		ug/Kg		114	75 - 130
m,p-Xylene	50.0	56.01		ug/Kg		112	70 - 125
Methylene Chloride	50.0	46.86		ug/Kg		94	55 - 135
Methyl-t-Butyl Ether (MTBE)	50.0	56.78		ug/Kg		114	60 - 140
Naphthalene	50.0	55.55		ug/Kg		111	55 - 135
n-Butylbenzene	50.0	56.91		ug/Kg		114	70 - 130
N-Propylbenzene	50.0	55.06		ug/Kg		110	70 - 130
o-Xylene	50.0	54.14		ug/Kg		108	70 - 125
sec-Butylbenzene	50.0	54.84		ug/Kg		110	70 - 125
Styrene	50.0	55.13		ug/Kg		110	75 - 130
Tert-amyl-methyl ether (TAME)	50.0	48.63		ug/Kg		97	60 - 145
tert-Butylbenzene	50.0	56.66		ug/Kg		113	70 - 125
Tetrachloroethene	50.0	55.79		ug/Kg		112	70 - 125
Toluene	50.0	51.95		ug/Kg		104	70 - 125
trans-1,2-Dichloroethene	50.0	57.74		ug/Kg		115	70 - 125
trans-1,3-Dichloropropene	50.0	61.93		ug/Kg		124	70 - 135
Trichloroethene	50.0	56.26		ug/Kg		113	70 - 125
Trichlorofluoromethane	50.0	54.05		ug/Kg		108	60 - 145
Vinyl chloride	50.0	49.65		ug/Kg		99	55 - 135
Isopropyl Ether (DIPE)	50.0	44.50		ug/Kg		89	60 - 140
Ethyl-t-butyl ether (ETBE)	50.0	49.76		ug/Kg		100	60 - 140
tert-Butyl alcohol (TBA)	500	516.6		ug/Kg		103	70 - 135
p-Isopropyltoluene	50.0	54.91		ug/Kg		110	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*103*		*79 - 123*
4-Bromofluorobenzene (Surr)	*98*		*79 - 120*

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

Lab Sample ID: LCS 440-222176/5
Matrix: Solid
Analysis Batch: 222176

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*100*		*60 - 120*

Lab Sample ID: 440-94782-A-1 MS
Matrix: Solid
Analysis Batch: 222176

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		50.0	60.11		ug/Kg		120	65 - 145
1,1,1-Trichloroethane	ND		50.0	60.88		ug/Kg		122	65 - 145
1,1,2,2-Tetrachloroethane	ND		50.0	ND	F1	ug/Kg		0	40 - 160
1,1,2-Trichloroethane	ND		50.0	50.63		ug/Kg		101	65 - 140
1,1-Dichloroethane	ND		50.0	54.53		ug/Kg		109	65 - 135
1,1-Dichloroethene	ND		50.0	60.60		ug/Kg		121	65 - 135
1,1-Dichloropropene	ND		50.0	63.65		ug/Kg		127	65 - 135
1,2,3-Trichlorobenzene	ND		50.0	58.64		ug/Kg		117	45 - 145
1,2,3-Trichloropropane	ND		50.0	63.89		ug/Kg		128	50 - 150
1,2,4-Trichlorobenzene	ND		50.0	61.81		ug/Kg		124	50 - 140
1,2,4-Trimethylbenzene	ND		50.0	56.53		ug/Kg		113	65 - 140
1,2-Dibromo-3-Chloropropane	ND		50.0	50.43		ug/Kg		101	40 - 150
1,2-Dibromoethane (EDB)	ND		50.0	62.15		ug/Kg		124	65 - 140
1,2-Dichlorobenzene	ND		50.0	57.12		ug/Kg		114	70 - 130
1,2-Dichloroethane	ND		50.0	57.01		ug/Kg		114	60 - 150
1,2-Dichloropropane	ND		50.0	55.09		ug/Kg		110	65 - 130
1,3,5-Trimethylbenzene	ND		50.0	58.50		ug/Kg		117	65 - 135
1,3-Dichlorobenzene	ND		50.0	55.48		ug/Kg		111	70 - 130
1,3-Dichloropropane	ND		50.0	56.57		ug/Kg		113	65 - 140
1,4-Dichlorobenzene	ND		50.0	55.40		ug/Kg		111	70 - 130
2,2-Dichloropropane	ND		50.0	61.41		ug/Kg		123	65 - 150
2-Chlorotoluene	ND		50.0	55.30		ug/Kg		111	60 - 135
4-Chlorotoluene	ND		50.0	56.19		ug/Kg		112	65 - 135
Benzene	ND		50.0	54.31		ug/Kg		109	65 - 130
Bromobenzene	ND		50.0	57.20		ug/Kg		114	65 - 140
Bromochloromethane	ND		50.0	58.29		ug/Kg		117	65 - 145
Bromodichloromethane	ND		50.0	54.43		ug/Kg		109	65 - 145
Bromoform	ND		50.0	60.52		ug/Kg		121	50 - 145
Bromomethane	ND		50.0	55.43		ug/Kg		111	60 - 155
Carbon tetrachloride	ND		50.0	64.17		ug/Kg		128	60 - 145
Chlorobenzene	ND		50.0	51.70		ug/Kg		103	70 - 130
Chloroethane	ND		50.0	54.08		ug/Kg		108	60 - 150
Chloroform	ND		50.0	55.56		ug/Kg		111	65 - 135
Chloromethane	ND		50.0	49.34		ug/Kg		99	40 - 145
cis-1,2-Dichloroethene	ND		50.0	52.76		ug/Kg		106	65 - 135
cis-1,3-Dichloropropene	ND		50.0	60.58		ug/Kg		121	70 - 135
Dibromochloromethane	ND		50.0	60.70		ug/Kg		121	60 - 145
Dibromomethane	ND		50.0	58.68		ug/Kg		117	65 - 140
Dichlorodifluoromethane	ND		50.0	45.60		ug/Kg		91	30 - 160
Ethylbenzene	ND		50.0	54.95		ug/Kg		110	70 - 135
Hexachlorobutadiene	ND		50.0	54.32		ug/Kg		109	50 - 145

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

Lab Sample ID: 440-94782-A-1 MS
Matrix: Solid
Analysis Batch: 222176

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	ND		50.0	58.99		ug/Kg		118	70 - 145
m,p-Xylene	ND		50.0	58.34		ug/Kg		117	70 - 130
Methylene Chloride	ND		50.0	49.61		ug/Kg		99	55 - 145
Methyl-t-Butyl Ether (MTBE)	9.17		50.0	70.97		ug/Kg		124	55 - 155
Naphthalene	ND		50.0	60.82		ug/Kg		122	40 - 150
n-Butylbenzene	ND		50.0	57.80		ug/Kg		116	55 - 145
N-Propylbenzene	ND		50.0	56.58		ug/Kg		113	65 - 140
o-Xylene	ND		50.0	56.59		ug/Kg		113	65 - 130
sec-Butylbenzene	ND		50.0	55.00		ug/Kg		110	60 - 135
Styrene	ND		50.0	57.90		ug/Kg		116	70 - 140
Tert-amyl-methyl ether (TAME)	ND		50.0	53.70		ug/Kg		107	60 - 150
tert-Butylbenzene	ND		50.0	57.95		ug/Kg		116	60 - 140
Tetrachloroethene	ND		50.0	58.62		ug/Kg		117	65 - 135
Toluene	ND		50.0	54.94		ug/Kg		110	70 - 130
trans-1,2-Dichloroethene	ND		50.0	59.74		ug/Kg		119	70 - 135
trans-1,3-Dichloropropene	ND		50.0	66.70		ug/Kg		133	60 - 145
Trichloroethene	ND		50.0	108.9	F1	ug/Kg		218	65 - 140
Trichlorofluoromethane	ND		50.0	56.65		ug/Kg		113	55 - 155
Vinyl chloride	ND		50.0	52.52		ug/Kg		105	55 - 140
Isopropyl Ether (DIPE)	ND		50.0	47.62		ug/Kg		95	60 - 150
Ethyl-t-butyl ether (ETBE)	ND		50.0	54.17		ug/Kg		108	60 - 145
tert-Butyl alcohol (TBA)	ND		500	588.4		ug/Kg		113	65 - 145
p-Isopropyltoluene	ND		50.0	56.20		ug/Kg		112	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*79 - 123*
4-Bromofluorobenzene (Surr)	*98*		*79 - 120*
Dibromofluoromethane (Surr)	*7*	*X*	*60 - 120*

Lab Sample ID: 440-94782-A-1 MSD
Matrix: Solid
Analysis Batch: 222176

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		50.0	54.40		ug/Kg		109	65 - 145	10	20
1,1,1-Trichloroethane	ND		50.0	55.88		ug/Kg		112	65 - 145	9	20
1,1,2,2-Tetrachloroethane	ND		50.0	ND	F1	ug/Kg		0	40 - 160	NC	30
1,1,2-Trichloroethane	ND		50.0	43.20		ug/Kg		86	65 - 140	16	30
1,1-Dichloroethane	ND		50.0	50.84		ug/Kg		102	65 - 135	7	25
1,1-Dichloroethene	ND		50.0	57.88		ug/Kg		116	65 - 135	5	25
1,1-Dichloropropene	ND		50.0	60.19		ug/Kg		120	65 - 135	6	20
1,2,3-Trichlorobenzene	ND		50.0	52.46		ug/Kg		105	45 - 145	11	30
1,2,3-Trichloropropane	ND		50.0	59.73		ug/Kg		119	50 - 150	7	30
1,2,4-Trichlorobenzene	ND		50.0	55.23		ug/Kg		110	50 - 140	11	30
1,2,4-Trimethylbenzene	ND		50.0	52.04		ug/Kg		104	65 - 140	8	25
1,2-Dibromo-3-Chloropropane	ND		50.0	46.19		ug/Kg		92	40 - 150	9	30
1,2-Dibromoethane (EDB)	ND		50.0	57.45		ug/Kg		115	65 - 140	8	25
1,2-Dichlorobenzene	ND		50.0	52.71		ug/Kg		105	70 - 130	8	25

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

Lab Sample ID: 440-94782-A-1 MSD
Matrix: Solid
Analysis Batch: 222176

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane	ND		50.0	51.23		ug/Kg		102	60 - 150	11	25
1,2-Dichloropropane	ND		50.0	50.44		ug/Kg		101	65 - 130	9	20
1,3,5-Trimethylbenzene	ND		50.0	53.70		ug/Kg		107	65 - 135	9	25
1,3-Dichlorobenzene	ND		50.0	50.44		ug/Kg		101	70 - 130	10	25
1,3-Dichloropropane	ND		50.0	52.06		ug/Kg		104	65 - 140	8	25
1,4-Dichlorobenzene	ND		50.0	50.92		ug/Kg		102	70 - 130	8	25
2,2-Dichloropropane	ND		50.0	56.93		ug/Kg		114	65 - 150	8	25
2-Chlorotoluene	ND		50.0	51.07		ug/Kg		102	60 - 135	8	25
4-Chlorotoluene	ND		50.0	51.58		ug/Kg		103	65 - 135	9	25
Benzene	ND		50.0	50.46		ug/Kg		101	65 - 130	7	20
Bromobenzene	ND		50.0	52.88		ug/Kg		106	65 - 140	8	25
Bromochloromethane	ND		50.0	54.00		ug/Kg		108	65 - 145	8	25
Bromodichloromethane	ND		50.0	48.21		ug/Kg		96	65 - 145	12	20
Bromoform	ND		50.0	55.82		ug/Kg		112	50 - 145	8	30
Bromomethane	ND		50.0	49.90		ug/Kg		100	60 - 155	10	25
Carbon tetrachloride	ND		50.0	59.33		ug/Kg		119	60 - 145	8	25
Chlorobenzene	ND		50.0	47.22		ug/Kg		94	70 - 130	9	25
Chloroethane	ND		50.0	49.72		ug/Kg		99	60 - 150	8	25
Chloroform	ND		50.0	51.21		ug/Kg		102	65 - 135	8	20
Chloromethane	ND		50.0	46.27		ug/Kg		93	40 - 145	6	25
cis-1,2-Dichloroethene	ND		50.0	47.96		ug/Kg		96	65 - 135	10	25
cis-1,3-Dichloropropene	ND		50.0	55.31		ug/Kg		111	70 - 135	9	25
Dibromochloromethane	ND		50.0	54.24		ug/Kg		108	60 - 145	11	25
Dibromomethane	ND		50.0	53.63		ug/Kg		107	65 - 140	9	25
Dichlorodifluoromethane	ND		50.0	41.94		ug/Kg		84	30 - 160	8	35
Ethylbenzene	ND		50.0	51.59		ug/Kg		103	70 - 135	6	25
Hexachlorobutadiene	ND		50.0	48.42		ug/Kg		97	50 - 145	11	35
Isopropylbenzene	ND		50.0	54.42		ug/Kg		109	70 - 145	8	25
m,p-Xylene	ND		50.0	53.42		ug/Kg		107	70 - 130	9	25
Methylene Chloride	ND		50.0	45.21		ug/Kg		90	55 - 145	9	25
Methyl-t-Butyl Ether (MTBE)	9.17		50.0	64.33		ug/Kg		110	55 - 155	10	35
Naphthalene	ND		50.0	55.76		ug/Kg		112	40 - 150	9	40
n-Butylbenzene	ND		50.0	52.58		ug/Kg		105	55 - 145	9	30
N-Propylbenzene	ND		50.0	52.36		ug/Kg		105	65 - 140	8	25
o-Xylene	ND		50.0	52.72		ug/Kg		105	65 - 130	7	25
sec-Butylbenzene	ND		50.0	51.65		ug/Kg		103	60 - 135	6	25
Styrene	ND		50.0	53.69		ug/Kg		107	70 - 140	8	25
Tert-amyl-methyl ether (TAME)	ND		50.0	49.66		ug/Kg		99	60 - 150	8	25
tert-Butylbenzene	ND		50.0	53.04		ug/Kg		106	60 - 140	9	25
Tetrachloroethene	ND		50.0	55.11		ug/Kg		110	65 - 135	6	25
Toluene	ND		50.0	51.00		ug/Kg		102	70 - 130	7	20
trans-1,2-Dichloroethene	ND		50.0	56.66		ug/Kg		113	70 - 135	5	25
trans-1,3-Dichloropropene	ND		50.0	61.56		ug/Kg		123	60 - 145	8	25
Trichloroethene	ND		50.0	99.78	F1	ug/Kg		200	65 - 140	9	25
Trichlorofluoromethane	ND		50.0	52.35		ug/Kg		105	55 - 155	8	25
Vinyl chloride	ND		50.0	48.65		ug/Kg		97	55 - 140	8	30
Isopropyl Ether (DIPE)	ND		50.0	43.14		ug/Kg		86	60 - 150	10	25
Ethyl-t-butyl ether (ETBE)	ND		50.0	49.60		ug/Kg		99	60 - 145	9	30

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

Lab Sample ID: 440-94782-A-1 MSD
Matrix: Solid
Analysis Batch: 222176

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
tert-Butyl alcohol (TBA)	ND		500	530.5		ug/Kg		102	65 - 145	10	30
p-Isopropyltoluene	ND		50.0	51.51		ug/Kg		103	60 - 140	9	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*79 - 123*
4-Bromofluorobenzene (Surr)	*99*		*79 - 120*
Dibromofluoromethane (Surr)	*5*	*X*	*60 - 120*

Lab Sample ID: MB 440-222421/3
Matrix: Water
Analysis Batch: 222421

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.00		ug/L			12/03/14 19:47	1
1,1,1-Trichloroethane	ND		2.00		ug/L			12/03/14 19:47	1
1,1,2,2-Tetrachloroethane	ND		2.00		ug/L			12/03/14 19:47	1
1,1,2-Trichloroethane	ND		2.00		ug/L			12/03/14 19:47	1
1,1-Dichloroethane	ND		2.00		ug/L			12/03/14 19:47	1
1,1-Dichloroethene	ND		5.00		ug/L			12/03/14 19:47	1
1,1-Dichloropropene	ND		2.00		ug/L			12/03/14 19:47	1
1,2,3-Trichlorobenzene	ND		5.00		ug/L			12/03/14 19:47	1
1,2,3-Trichloropropane	ND		10.0		ug/L			12/03/14 19:47	1
1,2,4-Trichlorobenzene	ND		5.00		ug/L			12/03/14 19:47	1
1,2,4-Trimethylbenzene	ND		2.00		ug/L			12/03/14 19:47	1
1,2-Dibromo-3-Chloropropane	ND		5.00		ug/L			12/03/14 19:47	1
1,2-Dibromoethane (EDB)	ND		2.00		ug/L			12/03/14 19:47	1
1,2-Dichlorobenzene	ND		2.00		ug/L			12/03/14 19:47	1
1,2-Dichloroethane	ND		2.00		ug/L			12/03/14 19:47	1
1,2-Dichloropropane	ND		2.00		ug/L			12/03/14 19:47	1
1,3,5-Trimethylbenzene	ND		2.00		ug/L			12/03/14 19:47	1
1,3-Dichlorobenzene	ND		2.00		ug/L			12/03/14 19:47	1
1,3-Dichloropropane	ND		2.00		ug/L			12/03/14 19:47	1
1,4-Dichlorobenzene	ND		2.00		ug/L			12/03/14 19:47	1
2,2-Dichloropropane	ND		2.00		ug/L			12/03/14 19:47	1
2-Chlorotoluene	ND		5.00		ug/L			12/03/14 19:47	1
4-Chlorotoluene	ND		5.00		ug/L			12/03/14 19:47	1
Benzene	ND		2.00		ug/L			12/03/14 19:47	1
Bromobenzene	ND		5.00		ug/L			12/03/14 19:47	1
Bromochloromethane	ND		5.00		ug/L			12/03/14 19:47	1
Bromodichloromethane	ND		2.00		ug/L			12/03/14 19:47	1
Bromoform	ND		5.00		ug/L			12/03/14 19:47	1
Bromomethane	ND		5.00		ug/L			12/03/14 19:47	1
Carbon tetrachloride	ND		5.00		ug/L			12/03/14 19:47	1
Chlorobenzene	ND		2.00		ug/L			12/03/14 19:47	1
Chloroethane	ND		5.00		ug/L			12/03/14 19:47	1
Chloroform	ND		2.00		ug/L			12/03/14 19:47	1
Chloromethane	ND		5.00		ug/L			12/03/14 19:47	1
cis-1,2-Dichloroethene	ND		2.00		ug/L			12/03/14 19:47	1

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

Lab Sample ID: MB 440-222421/3
Matrix: Water
Analysis Batch: 222421

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		2.00		ug/L			12/03/14 19:47	1
Dibromochloromethane	ND		2.00		ug/L			12/03/14 19:47	1
Dibromomethane	ND		2.00		ug/L			12/03/14 19:47	1
Dichlorodifluoromethane	ND		5.00		ug/L			12/03/14 19:47	1
Ethylbenzene	ND		2.00		ug/L			12/03/14 19:47	1
Hexachlorobutadiene	ND		5.00		ug/L			12/03/14 19:47	1
Isopropylbenzene	ND		2.00		ug/L			12/03/14 19:47	1
m,p-Xylene	ND		2.00		ug/L			12/03/14 19:47	1
Methylene Chloride	ND		5.00		ug/L			12/03/14 19:47	1
Methyl-t-Butyl Ether (MTBE)	ND		1.00		ug/L			12/03/14 19:47	1
Naphthalene	ND		5.00		ug/L			12/03/14 19:47	1
n-Butylbenzene	ND		5.00		ug/L			12/03/14 19:47	1
N-Propylbenzene	ND		2.00		ug/L			12/03/14 19:47	1
o-Xylene	ND		2.00		ug/L			12/03/14 19:47	1
sec-Butylbenzene	ND		5.00		ug/L			12/03/14 19:47	1
Styrene	ND		2.00		ug/L			12/03/14 19:47	1
Tert-amyl-methyl ether (TAME)	ND		5.00		ug/L			12/03/14 19:47	1
tert-Butylbenzene	ND		5.00		ug/L			12/03/14 19:47	1
Tetrachloroethene	ND		2.00		ug/L			12/03/14 19:47	1
Toluene	ND		2.00		ug/L			12/03/14 19:47	1
trans-1,2-Dichloroethene	ND		2.00		ug/L			12/03/14 19:47	1
trans-1,3-Dichloropropene	ND		2.00		ug/L			12/03/14 19:47	1
Trichloroethene	ND		2.00		ug/L			12/03/14 19:47	1
Trichlorofluoromethane	ND		5.00		ug/L			12/03/14 19:47	1
Vinyl chloride	ND		5.00		ug/L			12/03/14 19:47	1
Xylenes, Total	ND		2.00		ug/L			12/03/14 19:47	1
Isopropyl Ether (DIPE)	ND		5.00		ug/L			12/03/14 19:47	1
Ethyl-t-butyl ether (ETBE)	ND		5.00		ug/L			12/03/14 19:47	1
tert-Butyl alcohol (TBA)	ND		10.0		ug/L			12/03/14 19:47	1
p-Isopropyltoluene	ND		2.00		ug/L			12/03/14 19:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*80 - 128*		*12/03/14 19:47*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*12/03/14 19:47*	*1*
Dibromofluoromethane (Surr)	*97*		*76 - 132*		*12/03/14 19:47*	*1*

Lab Sample ID: LCS 440-222421/4
Matrix: Water
Analysis Batch: 222421

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	25.0	23.42		ug/L		94	60 - 141
1,1,1-Trichloroethane	25.0	23.80		ug/L		95	70 - 130
1,1,2,2-Tetrachloroethane	25.0	22.59		ug/L		90	63 - 130
1,1,2-Trichloroethane	25.0	22.53		ug/L		90	70 - 130
1,1-Dichloroethane	25.0	24.30		ug/L		97	64 - 130
1,1-Dichloroethene	25.0	23.32		ug/L		93	70 - 130
1,1-Dichloropropene	25.0	25.77		ug/L		103	70 - 130

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

Lab Sample ID: LCS 440-222421/4
Matrix: Water
Analysis Batch: 222421

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	25.0	26.53		ug/L		106	60 - 140
1,2,3-Trichloropropane	25.0	22.49		ug/L		90	63 - 130
1,2,4-Trichlorobenzene	25.0	26.24		ug/L		105	60 - 140
1,2,4-Trimethylbenzene	25.0	22.08		ug/L		88	70 - 135
1,2-Dibromo-3-Chloropropane	25.0	22.78		ug/L		91	52 - 140
1,2-Dibromoethane (EDB)	25.0	23.18		ug/L		93	70 - 130
1,2-Dichlorobenzene	25.0	23.78		ug/L		95	70 - 130
1,2-Dichloroethane	25.0	23.44		ug/L		94	57 - 138
1,2-Dichloropropane	25.0	23.45		ug/L		94	67 - 130
1,3,5-Trimethylbenzene	25.0	22.22		ug/L		89	70 - 136
1,3-Dichlorobenzene	25.0	23.52		ug/L		94	70 - 130
1,3-Dichloropropane	25.0	23.00		ug/L		92	70 - 130
1,4-Dichlorobenzene	25.0	23.68		ug/L		95	70 - 130
2,2-Dichloropropane	25.0	22.69		ug/L		91	68 - 141
2-Chlorotoluene	25.0	22.32		ug/L		89	70 - 130
4-Chlorotoluene	25.0	22.19		ug/L		89	70 - 130
Benzene	25.0	22.80		ug/L		91	68 - 130
Bromobenzene	25.0	23.99		ug/L		96	70 - 130
Bromochloromethane	25.0	24.87		ug/L		99	70 - 130
Bromodichloromethane	25.0	23.05		ug/L		92	70 - 132
Bromoform	25.0	21.74		ug/L		87	60 - 148
Bromomethane	25.0	21.95		ug/L		88	64 - 139
Carbon tetrachloride	25.0	23.86		ug/L		95	60 - 150
Chlorobenzene	25.0	23.27		ug/L		93	70 - 130
Chloroethane	25.0	21.51		ug/L		86	64 - 135
Chloroform	25.0	23.71		ug/L		95	70 - 130
Chloromethane	25.0	19.62		ug/L		78	47 - 140
cis-1,2-Dichloroethene	25.0	24.31		ug/L		97	70 - 133
cis-1,3-Dichloropropene	25.0	23.10		ug/L		92	70 - 133
Dibromochloromethane	25.0	23.78		ug/L		95	69 - 145
Dibromomethane	25.0	23.90		ug/L		96	70 - 130
Dichlorodifluoromethane	25.0	14.84		ug/L		59	29 - 150
Ethylbenzene	25.0	21.98		ug/L		88	70 - 130
Hexachlorobutadiene	25.0	24.15		ug/L		97	10 - 150
Isopropylbenzene	25.0	22.36		ug/L		89	70 - 136
m,p-Xylene	25.0	23.40		ug/L		94	70 - 130
Methylene Chloride	25.0	22.87		ug/L		91	52 - 130
Methyl-t-Butyl Ether (MTBE)	25.0	22.85		ug/L		91	63 - 131
Naphthalene	25.0	26.14		ug/L		105	60 - 140
n-Butylbenzene	25.0	21.57		ug/L		86	65 - 150
N-Propylbenzene	25.0	21.87		ug/L		87	67 - 139
o-Xylene	25.0	23.19		ug/L		93	70 - 130
sec-Butylbenzene	25.0	21.80		ug/L		87	70 - 138
Styrene	25.0	22.66		ug/L		91	70 - 134
Tert-amyl-methyl ether (TAME)	25.0	21.28		ug/L		85	57 - 139
tert-Butylbenzene	25.0	22.59		ug/L		90	70 - 130
Tetrachloroethene	25.0	24.46		ug/L		98	70 - 130
Toluene	25.0	21.85		ug/L		87	70 - 130

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

Lab Sample ID: LCS 440-222421/4
Matrix: Water
Analysis Batch: 222421

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	25.0	24.65		ug/L		99	70 - 130
trans-1,3-Dichloropropene	25.0	24.59		ug/L		98	70 - 132
Trichloroethene	25.0	25.42		ug/L		102	70 - 130
Trichlorofluoromethane	25.0	23.25		ug/L		93	60 - 150
Vinyl chloride	25.0	19.94		ug/L		80	59 - 133
Isopropyl Ether (DIPE)	25.0	20.14		ug/L		81	58 - 139
Ethyl-t-butyl ether (ETBE)	25.0	19.75		ug/L		79	60 - 136
tert-Butyl alcohol (TBA)	250	275.3		ug/L		110	70 - 130
p-Isopropyltoluene	25.0	22.22		ug/L		89	70 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*80 - 128*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*76 - 132*

Lab Sample ID: 440-94671-A-2 MS
Matrix: Water
Analysis Batch: 222421

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		25.0	22.71		ug/L		91	60 - 149
1,1,1-Trichloroethane	ND		25.0	23.82		ug/L		95	70 - 130
1,1,2,2-Tetrachloroethane	ND		25.0	22.96		ug/L		92	63 - 130
1,1,2-Trichloroethane	ND		25.0	22.70		ug/L		91	70 - 130
1,1-Dichloroethane	ND		25.0	24.11		ug/L		96	65 - 130
1,1-Dichloroethene	ND		25.0	23.72		ug/L		95	70 - 130
1,1-Dichloropropene	ND		25.0	26.10		ug/L		104	64 - 130
1,2,3-Trichlorobenzene	ND		25.0	24.15		ug/L		97	60 - 140
1,2,3-Trichloropropane	ND		25.0	23.02		ug/L		92	60 - 130
1,2,4-Trichlorobenzene	ND		25.0	24.67		ug/L		99	60 - 140
1,2,4-Trimethylbenzene	ND		25.0	22.19		ug/L		89	70 - 130
1,2-Dibromo-3-Chloropropane	ND		25.0	21.29		ug/L		85	48 - 140
1,2-Dibromoethane (EDB)	ND		25.0	23.36		ug/L		93	70 - 131
1,2-Dichlorobenzene	ND		25.0	23.30		ug/L		93	70 - 130
1,2-Dichloroethane	ND		25.0	23.48		ug/L		94	56 - 146
1,2-Dichloropropane	ND		25.0	23.29		ug/L		93	69 - 130
1,3,5-Trimethylbenzene	ND		25.0	22.36		ug/L		89	70 - 130
1,3-Dichlorobenzene	ND		25.0	23.15		ug/L		93	70 - 130
1,3-Dichloropropane	ND		25.0	22.69		ug/L		91	70 - 130
1,4-Dichlorobenzene	ND		25.0	23.17		ug/L		93	70 - 130
2,2-Dichloropropane	ND		25.0	23.71		ug/L		95	69 - 138
2-Chlorotoluene	ND		25.0	22.35		ug/L		89	70 - 130
4-Chlorotoluene	ND		25.0	22.16		ug/L		89	70 - 130
Benzene	ND		25.0	22.74		ug/L		91	66 - 130
Bromobenzene	ND		25.0	23.84		ug/L		95	70 - 130
Bromochloromethane	ND		25.0	25.31		ug/L		101	70 - 130
Bromodichloromethane	ND		25.0	22.98		ug/L		92	70 - 138
Bromoform	ND		25.0	21.50		ug/L		86	59 - 150

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

Lab Sample ID: 440-94671-A-2 MS
Matrix: Water
Analysis Batch: 222421

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	ND		25.0	21.62		ug/L		86	62 - 131
Carbon tetrachloride	ND		25.0	24.23		ug/L		97	60 - 150
Chlorobenzene	ND		25.0	22.64		ug/L		91	70 - 130
Chloroethane	ND		25.0	21.68		ug/L		87	68 - 130
Chloroform	ND		25.0	23.43		ug/L		94	70 - 130
Chloromethane	ND		25.0	19.84		ug/L		79	39 - 144
cis-1,2-Dichloroethene	ND		25.0	24.20		ug/L		97	70 - 130
cis-1,3-Dichloropropene	ND		25.0	22.66		ug/L		91	70 - 133
Dibromochloromethane	ND		25.0	23.58		ug/L		94	70 - 148
Dibromomethane	ND		25.0	23.97		ug/L		96	70 - 130
Dichlorodifluoromethane	ND		25.0	15.07		ug/L		60	25 - 142
Ethylbenzene	ND		25.0	21.58		ug/L		86	70 - 130
Hexachlorobutadiene	ND		25.0	23.32		ug/L		93	10 - 150
Isopropylbenzene	ND		25.0	21.97		ug/L		88	70 - 132
m,p-Xylene	ND		25.0	22.99		ug/L		92	70 - 133
Methylene Chloride	ND		25.0	22.93		ug/L		92	52 - 130
Methyl-t-Butyl Ether (MTBE)	ND		25.0	23.43		ug/L		94	70 - 130
Naphthalene	ND		25.0	23.73		ug/L		95	60 - 140
n-Butylbenzene	ND		25.0	21.82		ug/L		87	61 - 149
N-Propylbenzene	ND		25.0	22.00		ug/L		88	66 - 135
o-Xylene	ND		25.0	22.34		ug/L		89	70 - 133
sec-Butylbenzene	ND		25.0	22.22		ug/L		89	67 - 134
Styrene	ND		25.0	22.07		ug/L		88	29 - 150
Tert-amyl-methyl ether (TAME)	ND		25.0	21.47		ug/L		86	68 - 133
tert-Butylbenzene	ND		25.0	22.81		ug/L		91	70 - 130
Tetrachloroethene	ND		25.0	24.03		ug/L		96	70 - 137
Toluene	ND		25.0	21.46		ug/L		86	70 - 130
trans-1,2-Dichloroethene	ND		25.0	24.70		ug/L		99	70 - 130
trans-1,3-Dichloropropene	ND		25.0	24.52		ug/L		98	70 - 138
Trichloroethene	ND		25.0	25.42		ug/L		102	70 - 130
Trichlorofluoromethane	ND		25.0	23.64		ug/L		95	60 - 150
Vinyl chloride	ND		25.0	20.47		ug/L		82	50 - 137
Isopropyl Ether (DIPE)	ND		25.0	20.03		ug/L		80	64 - 138
Ethyl-t-butyl ether (ETBE)	ND		25.0	19.62		ug/L		78	70 - 130
tert-Butyl alcohol (TBA)	ND		250	241.7		ug/L		97	70 - 130
p-Isopropyltoluene	ND		25.0	22.46		ug/L		90	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*80 - 128*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*76 - 132*

Lab Sample ID: 440-94671-A-2 MSD
Matrix: Water
Analysis Batch: 222421

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		25.0	23.53		ug/L		94	60 - 149	4	20

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

Lab Sample ID: 440-94671-A-2 MSD
Matrix: Water
Analysis Batch: 222421

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	24.29		ug/L		97	70 - 130	2	20
1,1,2,2-Tetrachloroethane	ND		25.0	22.41		ug/L		90	63 - 130	2	30
1,1,2-Trichloroethane	ND		25.0	23.23		ug/L		93	70 - 130	2	25
1,1-Dichloroethane	ND		25.0	24.63		ug/L		99	65 - 130	2	20
1,1-Dichloroethene	ND		25.0	23.63		ug/L		95	70 - 130	0	20
1,1-Dichloropropene	ND		25.0	26.82		ug/L		107	64 - 130	3	20
1,2,3-Trichlorobenzene	ND		25.0	24.04		ug/L		96	60 - 140	0	20
1,2,3-Trichloropropane	ND		25.0	22.52		ug/L		90	60 - 130	2	30
1,2,4-Trichlorobenzene	ND		25.0	24.91		ug/L		100	60 - 140	1	20
1,2,4-Trimethylbenzene	ND		25.0	22.49		ug/L		90	70 - 130	1	25
1,2-Dibromo-3-Chloropropane	ND		25.0	20.33		ug/L		81	48 - 140	5	30
1,2-Dibromoethane (EDB)	ND		25.0	23.67		ug/L		95	70 - 131	1	25
1,2-Dichlorobenzene	ND		25.0	23.41		ug/L		94	70 - 130	0	20
1,2-Dichloroethane	ND		25.0	23.68		ug/L		95	56 - 146	1	20
1,2-Dichloropropane	ND		25.0	23.87		ug/L		95	69 - 130	2	20
1,3,5-Trimethylbenzene	ND		25.0	22.89		ug/L		92	70 - 130	2	20
1,3-Dichlorobenzene	ND		25.0	23.62		ug/L		94	70 - 130	2	20
1,3-Dichloropropane	ND		25.0	23.36		ug/L		93	70 - 130	3	25
1,4-Dichlorobenzene	ND		25.0	23.56		ug/L		94	70 - 130	2	20
2,2-Dichloropropane	ND		25.0	23.77		ug/L		95	69 - 138	0	25
2-Chlorotoluene	ND		25.0	22.89		ug/L		92	70 - 130	2	20
4-Chlorotoluene	ND		25.0	22.68		ug/L		91	70 - 130	2	20
Benzene	ND		25.0	23.35		ug/L		93	66 - 130	3	20
Bromobenzene	ND		25.0	24.24		ug/L		97	70 - 130	2	20
Bromochloromethane	ND		25.0	25.52		ug/L		102	70 - 130	1	25
Bromodichloromethane	ND		25.0	23.32		ug/L		93	70 - 138	1	20
Bromoform	ND		25.0	21.78		ug/L		87	59 - 150	1	25
Bromomethane	ND		25.0	22.05		ug/L		88	62 - 131	2	25
Carbon tetrachloride	ND		25.0	24.96		ug/L		100	60 - 150	3	25
Chlorobenzene	ND		25.0	23.36		ug/L		93	70 - 130	3	20
Chloroethane	ND		25.0	22.36		ug/L		89	68 - 130	3	25
Chloroform	ND		25.0	24.03		ug/L		96	70 - 130	3	20
Chloromethane	ND		25.0	20.53		ug/L		82	39 - 144	3	25
cis-1,2-Dichloroethene	ND		25.0	24.95		ug/L		100	70 - 130	3	20
cis-1,3-Dichloropropene	ND		25.0	23.65		ug/L		95	70 - 133	4	20
Dibromochloromethane	ND		25.0	23.92		ug/L		96	70 - 148	1	25
Dibromomethane	ND		25.0	24.38		ug/L		98	70 - 130	2	25
Dichlorodifluoromethane	ND		25.0	14.96		ug/L		60	25 - 142	1	30
Ethylbenzene	ND		25.0	22.30		ug/L		89	70 - 130	3	20
Hexachlorobutadiene	ND		25.0	23.44		ug/L		94	10 - 150	0	20
Isopropylbenzene	ND		25.0	22.46		ug/L		90	70 - 132	2	20
m,p-Xylene	ND		25.0	23.71		ug/L		95	70 - 133	3	25
Methylene Chloride	ND		25.0	23.08		ug/L		92	52 - 130	1	20
Methyl-t-Butyl Ether (MTBE)	ND		25.0	23.20		ug/L		93	70 - 130	1	25
Naphthalene	ND		25.0	23.28		ug/L		93	60 - 140	2	30
n-Butylbenzene	ND		25.0	22.19		ug/L		89	61 - 149	2	20
N-Propylbenzene	ND		25.0	22.42		ug/L		90	66 - 135	2	20
o-Xylene	ND		25.0	23.27		ug/L		93	70 - 133	4	20

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

Lab Sample ID: 440-94671-A-2 MSD
Matrix: Water
Analysis Batch: 222421

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
sec-Butylbenzene	ND		25.0	22.52		ug/L		90	67 - 134	1	20
Styrene	ND		25.0	22.69		ug/L		91	29 - 150	3	35
Tert-amyl-methyl ether (TAME)	ND		25.0	21.53		ug/L		86	68 - 133	0	30
tert-Butylbenzene	ND		25.0	23.34		ug/L		93	70 - 130	2	20
Tetrachloroethene	ND		25.0	25.16		ug/L		101	70 - 137	5	20
Toluene	ND		25.0	22.07		ug/L		88	70 - 130	3	20
trans-1,2-Dichloroethene	ND		25.0	25.04		ug/L		100	70 - 130	1	20
trans-1,3-Dichloropropene	ND		25.0	25.04		ug/L		100	70 - 138	2	25
Trichloroethene	ND		25.0	25.59		ug/L		102	70 - 130	1	20
Trichlorofluoromethane	ND		25.0	23.99		ug/L		96	60 - 150	1	25
Vinyl chloride	ND		25.0	21.21		ug/L		85	50 - 137	4	30
Isopropyl Ether (DIPE)	ND		25.0	20.35		ug/L		81	64 - 138	2	25
Ethyl-t-butyl ether (ETBE)	ND		25.0	20.01		ug/L		80	70 - 130	2	25
tert-Butyl alcohol (TBA)	ND		250	252.3		ug/L		101	70 - 130	4	25
p-Isopropyltoluene	ND		25.0	22.62		ug/L		90	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*80 - 128*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*76 - 132*

Lab Sample ID: MB 440-222478/4
Matrix: Solid
Analysis Batch: 222478

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.00		ug/Kg			12/04/14 08:37	1
1,1,1-Trichloroethane	ND		2.00		ug/Kg			12/04/14 08:37	1
1,1,2,2-Tetrachloroethane	ND		2.00		ug/Kg			12/04/14 08:37	1
1,1,2-Trichloroethane	ND		2.00		ug/Kg			12/04/14 08:37	1
1,1-Dichloroethane	ND		2.00		ug/Kg			12/04/14 08:37	1
1,1-Dichloroethene	ND		5.00		ug/Kg			12/04/14 08:37	1
1,1-Dichloropropene	ND		2.00		ug/Kg			12/04/14 08:37	1
1,2,3-Trichlorobenzene	ND		5.00		ug/Kg			12/04/14 08:37	1
1,2,3-Trichloropropane	ND		10.0		ug/Kg			12/04/14 08:37	1
1,2,4-Trichlorobenzene	ND		5.00		ug/Kg			12/04/14 08:37	1
1,2,4-Trimethylbenzene	ND		2.00		ug/Kg			12/04/14 08:37	1
1,2-Dibromo-3-Chloropropane	ND		5.00		ug/Kg			12/04/14 08:37	1
1,2-Dibromoethane (EDB)	ND		2.00		ug/Kg			12/04/14 08:37	1
1,2-Dichlorobenzene	ND		2.00		ug/Kg			12/04/14 08:37	1
1,2-Dichloroethane	ND		2.00		ug/Kg			12/04/14 08:37	1
1,2-Dichloropropane	ND		2.00		ug/Kg			12/04/14 08:37	1
1,3,5-Trimethylbenzene	ND		2.00		ug/Kg			12/04/14 08:37	1
1,3-Dichlorobenzene	ND		2.00		ug/Kg			12/04/14 08:37	1
1,3-Dichloropropane	ND		2.00		ug/Kg			12/04/14 08:37	1
1,4-Dichlorobenzene	ND		2.00		ug/Kg			12/04/14 08:37	1
2,2-Dichloropropane	ND		2.00		ug/Kg			12/04/14 08:37	1
2-Chlorotoluene	ND		5.00		ug/Kg			12/04/14 08:37	1

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

Lab Sample ID: MB 440-222478/4
Matrix: Solid
Analysis Batch: 222478

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorotoluene	ND		5.00		ug/Kg			12/04/14 08:37	1
Benzene	ND		2.00		ug/Kg			12/04/14 08:37	1
Bromobenzene	ND		5.00		ug/Kg			12/04/14 08:37	1
Bromochloromethane	ND		5.00		ug/Kg			12/04/14 08:37	1
Bromodichloromethane	ND		2.00		ug/Kg			12/04/14 08:37	1
Bromoform	ND		5.00		ug/Kg			12/04/14 08:37	1
Bromomethane	ND		5.00		ug/Kg			12/04/14 08:37	1
Carbon tetrachloride	ND		5.00		ug/Kg			12/04/14 08:37	1
Chlorobenzene	ND		2.00		ug/Kg			12/04/14 08:37	1
Chloroethane	ND		5.00		ug/Kg			12/04/14 08:37	1
Chloroform	ND		2.00		ug/Kg			12/04/14 08:37	1
Chloromethane	ND		5.00		ug/Kg			12/04/14 08:37	1
cis-1,2-Dichloroethene	ND		2.00		ug/Kg			12/04/14 08:37	1
cis-1,3-Dichloropropene	ND		2.00		ug/Kg			12/04/14 08:37	1
Dibromochloromethane	ND		2.00		ug/Kg			12/04/14 08:37	1
Dibromomethane	ND		2.00		ug/Kg			12/04/14 08:37	1
Dichlorodifluoromethane	ND		5.00		ug/Kg			12/04/14 08:37	1
Ethylbenzene	ND		2.00		ug/Kg			12/04/14 08:37	1
Hexachlorobutadiene	ND		5.00		ug/Kg			12/04/14 08:37	1
Isopropylbenzene	ND		2.00		ug/Kg			12/04/14 08:37	1
m,p-Xylene	ND		4.00		ug/Kg			12/04/14 08:37	1
Methylene Chloride	ND		20.0		ug/Kg			12/04/14 08:37	1
Methyl-t-Butyl Ether (MTBE)	ND		5.00		ug/Kg			12/04/14 08:37	1
Naphthalene	ND		5.00		ug/Kg			12/04/14 08:37	1
n-Butylbenzene	ND		5.00		ug/Kg			12/04/14 08:37	1
N-Propylbenzene	ND		2.00		ug/Kg			12/04/14 08:37	1
o-Xylene	ND		2.00		ug/Kg			12/04/14 08:37	1
sec-Butylbenzene	ND		5.00		ug/Kg			12/04/14 08:37	1
Styrene	ND		2.00		ug/Kg			12/04/14 08:37	1
Tert-amyl-methyl ether (TAME)	ND		5.00		ug/Kg			12/04/14 08:37	1
tert-Butylbenzene	ND		5.00		ug/Kg			12/04/14 08:37	1
Tetrachloroethene	ND		2.00		ug/Kg			12/04/14 08:37	1
Toluene	ND		2.00		ug/Kg			12/04/14 08:37	1
trans-1,2-Dichloroethene	ND		2.00		ug/Kg			12/04/14 08:37	1
trans-1,3-Dichloropropene	ND		2.00		ug/Kg			12/04/14 08:37	1
Trichloroethene	ND		2.00		ug/Kg			12/04/14 08:37	1
Trichlorofluoromethane	ND		5.00		ug/Kg			12/04/14 08:37	1
Vinyl chloride	ND		5.00		ug/Kg			12/04/14 08:37	1
Xylenes, Total	ND		4.00		ug/Kg			12/04/14 08:37	1
Isopropyl Ether (DIPE)	ND		5.00		ug/Kg			12/04/14 08:37	1
Ethyl-t-butyl ether (ETBE)	ND		5.00		ug/Kg			12/04/14 08:37	1
tert-Butyl alcohol (TBA)	ND		100		ug/Kg			12/04/14 08:37	1
p-Isopropyltoluene	ND		2.00		ug/Kg			12/04/14 08:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*79 - 123*		*12/04/14 08:37*	*1*
4-Bromofluorobenzene (Surr)	*97*		*79 - 120*		*12/04/14 08:37*	*1*
Dibromofluoromethane (Surr)	*95*		*60 - 120*		*12/04/14 08:37*	*1*

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

Lab Sample ID: LCS 440-222478/5
Matrix: Solid
Analysis Batch: 222478

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	58.55		ug/Kg		117	70 - 130
1,1,1-Trichloroethane	50.0	58.85		ug/Kg		118	65 - 135
1,1,2,2-Tetrachloroethane	50.0	47.92		ug/Kg		96	55 - 140
1,1,2-Trichloroethane	50.0	50.17		ug/Kg		100	65 - 135
1,1-Dichloroethane	50.0	47.56		ug/Kg		95	70 - 130
1,1-Dichloroethene	50.0	48.58		ug/Kg		97	70 - 125
1,1-Dichloropropene	50.0	58.41		ug/Kg		117	70 - 130
1,2,3-Trichlorobenzene	50.0	47.91		ug/Kg		96	60 - 130
1,2,3-Trichloropropane	50.0	56.00		ug/Kg		112	60 - 135
1,2,4-Trichlorobenzene	50.0	51.89		ug/Kg		104	70 - 135
1,2,4-Trimethylbenzene	50.0	51.79		ug/Kg		104	70 - 125
1,2-Dibromo-3-Chloropropane	50.0	56.37		ug/Kg		113	50 - 135
1,2-Dibromoethane (EDB)	50.0	53.78		ug/Kg		108	70 - 130
1,2-Dichlorobenzene	50.0	48.80		ug/Kg		98	75 - 120
1,2-Dichloroethane	50.0	50.61		ug/Kg		101	60 - 140
1,2-Dichloropropane	50.0	47.30		ug/Kg		95	70 - 130
1,3,5-Trimethylbenzene	50.0	47.06		ug/Kg		94	70 - 125
1,3-Dichlorobenzene	50.0	48.16		ug/Kg		96	75 - 125
1,3-Dichloropropane	50.0	50.37		ug/Kg		101	70 - 125
1,4-Dichlorobenzene	50.0	47.63		ug/Kg		95	75 - 120
2,2-Dichloropropane	50.0	64.50		ug/Kg		129	60 - 145
2-Chlorotoluene	50.0	44.06		ug/Kg		88	70 - 125
4-Chlorotoluene	50.0	46.03		ug/Kg		92	75 - 125
Benzene	50.0	47.30		ug/Kg		95	65 - 120
Bromobenzene	50.0	46.67		ug/Kg		93	75 - 120
Bromochloromethane	50.0	49.75		ug/Kg		100	70 - 135
Bromodichloromethane	50.0	55.34		ug/Kg		111	70 - 135
Bromoform	50.0	67.28		ug/Kg		135	55 - 135
Bromomethane	50.0	47.38		ug/Kg		95	60 - 145
Carbon tetrachloride	50.0	66.07		ug/Kg		132	65 - 140
Chlorobenzene	50.0	48.82		ug/Kg		98	75 - 120
Chloroethane	50.0	45.68		ug/Kg		91	60 - 140
Chloroform	50.0	49.27		ug/Kg		99	70 - 130
Chloromethane	50.0	43.34		ug/Kg		87	45 - 145
cis-1,2-Dichloroethene	50.0	50.79		ug/Kg		102	70 - 125
cis-1,3-Dichloropropene	50.0	58.76		ug/Kg		118	75 - 125
Dibromochloromethane	50.0	61.99		ug/Kg		124	65 - 140
Dibromomethane	50.0	47.99		ug/Kg		96	70 - 130
Dichlorodifluoromethane	50.0	41.92		ug/Kg		84	35 - 160
Ethylbenzene	50.0	53.09		ug/Kg		106	70 - 125
Hexachlorobutadiene	50.0	53.43		ug/Kg		107	60 - 135
Isopropylbenzene	50.0	50.90		ug/Kg		102	75 - 130
m,p-Xylene	50.0	54.72		ug/Kg		109	70 - 125
Methylene Chloride	50.0	45.71		ug/Kg		91	55 - 135
Methyl-t-Butyl Ether (MTBE)	50.0	57.90		ug/Kg		116	60 - 140
Naphthalene	50.0	50.85		ug/Kg		102	55 - 135
n-Butylbenzene	50.0	48.72		ug/Kg		97	70 - 130
N-Propylbenzene	50.0	50.20		ug/Kg		100	70 - 130

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

Lab Sample ID: LCS 440-222478/5
Matrix: Solid
Analysis Batch: 222478

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	50.0	53.41		ug/Kg		107	70 - 125
sec-Butylbenzene	50.0	54.29		ug/Kg		109	70 - 125
Styrene	50.0	50.10		ug/Kg		100	75 - 130
Tert-amyl-methyl ether (TAME)	50.0	55.24		ug/Kg		110	60 - 145
tert-Butylbenzene	50.0	49.72		ug/Kg		99	70 - 125
Tetrachloroethene	50.0	51.96		ug/Kg		104	70 - 125
Toluene	50.0	51.61		ug/Kg		103	70 - 125
trans-1,2-Dichloroethene	50.0	51.12		ug/Kg		102	70 - 125
trans-1,3-Dichloropropene	50.0	64.78		ug/Kg		130	70 - 135
Trichloroethene	50.0	51.01		ug/Kg		102	70 - 125
Trichlorofluoromethane	50.0	51.34		ug/Kg		103	60 - 145
Vinyl chloride	50.0	46.22		ug/Kg		92	55 - 135
Isopropyl Ether (DIPE)	50.0	45.14		ug/Kg		90	60 - 140
Ethyl-t-butyl ether (ETBE)	50.0	53.44		ug/Kg		107	60 - 140
tert-Butyl alcohol (TBA)	500	565.7		ug/Kg		113	70 - 135
p-Isopropyltoluene	50.0	52.43		ug/Kg		105	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*79 - 123*
4-Bromofluorobenzene (Surr)	*97*		*79 - 120*
Dibromofluoromethane (Surr)	*95*		*60 - 120*

Lab Sample ID: 440-94576-4 MS
Matrix: Solid
Analysis Batch: 222478

Client Sample ID: SACA1130SE004
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		81.6	98.97		ug/Kg	☼	121	65 - 145
1,1,1-Trichloroethane	ND		81.6	100.8		ug/Kg	☼	124	65 - 145
1,1,2,2-Tetrachloroethane	ND		81.6	84.41		ug/Kg	☼	103	40 - 160
1,1,2-Trichloroethane	ND		81.6	92.20		ug/Kg	☼	113	65 - 140
1,1-Dichloroethane	ND		81.6	80.77		ug/Kg	☼	99	65 - 135
1,1-Dichloroethene	ND		81.6	84.27		ug/Kg	☼	103	65 - 135
1,1-Dichloropropene	ND		81.6	97.14		ug/Kg	☼	119	65 - 135
1,2,3-Trichlorobenzene	ND		81.6	67.30		ug/Kg	☼	83	45 - 145
1,2,3-Trichloropropane	ND		81.6	100.9		ug/Kg	☼	124	50 - 150
1,2,4-Trichlorobenzene	ND		81.6	76.39		ug/Kg	☼	94	50 - 140
1,2,4-Trimethylbenzene	ND		81.6	91.45		ug/Kg	☼	112	65 - 140
1,2-Dibromo-3-Chloropropane	ND		81.6	98.85		ug/Kg	☼	121	40 - 150
1,2-Dibromoethane (EDB)	ND		81.6	99.00		ug/Kg	☼	121	65 - 140
1,2-Dichlorobenzene	ND		81.6	82.93		ug/Kg	☼	102	70 - 130
1,2-Dichloroethane	ND		81.6	84.96		ug/Kg	☼	104	60 - 150
1,2-Dichloropropane	ND		81.6	80.81		ug/Kg	☼	99	65 - 130
1,3,5-Trimethylbenzene	ND		81.6	89.16		ug/Kg	☼	109	65 - 135
1,3-Dichlorobenzene	ND		81.6	82.57		ug/Kg	☼	101	70 - 130
1,3-Dichloropropane	ND		81.6	94.78		ug/Kg	☼	116	65 - 140
1,4-Dichlorobenzene	ND		81.6	82.27		ug/Kg	☼	101	70 - 130
2,2-Dichloropropane	ND		81.6	108.8		ug/Kg	☼	133	65 - 150

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

Lab Sample ID: 440-94576-4 MS
Matrix: Solid
Analysis Batch: 222478

Client Sample ID: SACA1130SE004
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Chlorotoluene	ND		81.6	91.16		ug/Kg	☼	112	60 - 135
4-Chlorotoluene	ND		81.6	90.53		ug/Kg	☼	111	65 - 135
Benzene	ND		81.6	80.12		ug/Kg	☼	98	65 - 130
Bromobenzene	ND		81.6	93.22		ug/Kg	☼	114	65 - 140
Bromochloromethane	ND		81.6	84.54		ug/Kg	☼	104	65 - 145
Bromodichloromethane	ND		81.6	95.05		ug/Kg	☼	117	65 - 145
Bromoform	ND		81.6	113.2		ug/Kg	☼	139	50 - 145
Bromomethane	ND		81.6	78.75		ug/Kg	☼	97	60 - 155
Carbon tetrachloride	ND		81.6	113.4		ug/Kg	☼	139	60 - 145
Chlorobenzene	ND		81.6	80.85		ug/Kg	☼	99	70 - 130
Chloroethane	ND		81.6	78.32		ug/Kg	☼	96	60 - 150
Chloroform	ND		81.6	84.45		ug/Kg	☼	104	65 - 135
Chloromethane	ND		81.6	70.18		ug/Kg	☼	86	40 - 145
cis-1,2-Dichloroethene	ND		81.6	85.62		ug/Kg	☼	105	65 - 135
cis-1,3-Dichloropropene	ND		81.6	108.1		ug/Kg	☼	133	70 - 135
Dibromochloromethane	ND		81.6	117.1		ug/Kg	☼	144	60 - 145
Dibromomethane	ND		81.6	82.61		ug/Kg	☼	101	65 - 140
Dichlorodifluoromethane	ND		81.6	71.31		ug/Kg	☼	87	30 - 160
Ethylbenzene	ND		81.6	88.17		ug/Kg	☼	108	70 - 135
Hexachlorobutadiene	ND		81.6	64.88		ug/Kg	☼	80	50 - 145
Isopropylbenzene	ND		81.6	90.54		ug/Kg	☼	111	70 - 145
m,p-Xylene	ND		81.6	87.58		ug/Kg	☼	107	70 - 130
Methylene Chloride	ND		81.6	75.17		ug/Kg	☼	92	55 - 145
Methyl-t-Butyl Ether (MTBE)	ND		81.6	98.68		ug/Kg	☼	121	55 - 155
Naphthalene	ND		81.6	78.19		ug/Kg	☼	96	40 - 150
n-Butylbenzene	ND		81.6	76.07		ug/Kg	☼	93	55 - 145
N-Propylbenzene	ND		81.6	94.43		ug/Kg	☼	116	65 - 140
o-Xylene	ND		81.6	96.31		ug/Kg	☼	118	65 - 130
sec-Butylbenzene	ND		81.6	89.97		ug/Kg	☼	110	60 - 135
Styrene	ND		81.6	85.71		ug/Kg	☼	105	70 - 140
Tert-amyl-methyl ether (TAME)	ND		81.6	93.50		ug/Kg	☼	115	60 - 150
tert-Butylbenzene	ND		81.6	86.78		ug/Kg	☼	106	60 - 140
Tetrachloroethene	ND		81.6	96.88		ug/Kg	☼	119	65 - 135
Toluene	ND		81.6	96.81		ug/Kg	☼	119	70 - 130
trans-1,2-Dichloroethene	ND		81.6	86.66		ug/Kg	☼	106	70 - 135
trans-1,3-Dichloropropene	ND		81.6	121.3	F1	ug/Kg	☼	149	60 - 145
Trichloroethene	ND		81.6	86.67		ug/Kg	☼	106	65 - 140
Trichlorofluoromethane	ND		81.6	89.71		ug/Kg	☼	110	55 - 155
Vinyl chloride	ND		81.6	82.26		ug/Kg	☼	101	55 - 140
Isopropyl Ether (DIPE)	ND		81.6	77.48		ug/Kg	☼	95	60 - 150
Ethyl-t-butyl ether (ETBE)	ND		81.6	89.93		ug/Kg	☼	110	60 - 145
tert-Butyl alcohol (TBA)	ND		816	936.8		ug/Kg	☼	115	65 - 145
p-Isopropyltoluene	ND		81.6	88.05		ug/Kg	☼	108	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*113*		*79 - 123*
4-Bromofluorobenzene (Surr)	*103*		*79 - 120*
Dibromofluoromethane (Surr)	*98*		*60 - 120*

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

Lab Sample ID: 440-94576-4 MSD
Matrix: Solid
Analysis Batch: 222478

Client Sample ID: SACA1130SE004
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		81.4	95.49		ug/Kg	☼	117	65 - 145	4	20
1,1,1-Trichloroethane	ND		81.4	96.41		ug/Kg	☼	118	65 - 145	4	20
1,1,2,2-Tetrachloroethane	ND		81.4	83.96		ug/Kg	☼	103	40 - 160	1	30
1,1,2-Trichloroethane	ND		81.4	81.02		ug/Kg	☼	100	65 - 140	13	30
1,1-Dichloroethane	ND		81.4	78.28		ug/Kg	☼	96	65 - 135	3	25
1,1-Dichloroethene	ND		81.4	81.00		ug/Kg	☼	100	65 - 135	4	25
1,1-Dichloropropene	ND		81.4	93.38		ug/Kg	☼	115	65 - 135	4	20
1,2,3-Trichlorobenzene	ND		81.4	63.72		ug/Kg	☼	78	45 - 145	5	30
1,2,3-Trichloropropane	ND		81.4	97.82		ug/Kg	☼	120	50 - 150	3	30
1,2,4-Trichlorobenzene	ND		81.4	69.56		ug/Kg	☼	85	50 - 140	9	30
1,2,4-Trimethylbenzene	ND		81.4	86.08		ug/Kg	☼	106	65 - 140	6	25
1,2-Dibromo-3-Chloropropane	ND		81.4	93.39		ug/Kg	☼	115	40 - 150	6	30
1,2-Dibromoethane (EDB)	ND		81.4	89.22		ug/Kg	☼	110	65 - 140	10	25
1,2-Dichlorobenzene	ND		81.4	67.30		ug/Kg	☼	83	70 - 130	21	25
1,2-Dichloroethane	ND		81.4	81.78		ug/Kg	☼	100	60 - 150	4	25
1,2-Dichloropropane	ND		81.4	77.02		ug/Kg	☼	95	65 - 130	5	20
1,3,5-Trimethylbenzene	ND		81.4	83.86		ug/Kg	☼	103	65 - 135	6	25
1,3-Dichlorobenzene	ND		81.4	77.96		ug/Kg	☼	96	70 - 130	6	25
1,3-Dichloropropane	ND		81.4	84.47		ug/Kg	☼	104	65 - 140	12	25
1,4-Dichlorobenzene	ND		81.4	77.10		ug/Kg	☼	95	70 - 130	6	25
2,2-Dichloropropane	ND		81.4	104.3		ug/Kg	☼	128	65 - 150	4	25
2-Chlorotoluene	ND		81.4	86.56		ug/Kg	☼	106	60 - 135	5	25
4-Chlorotoluene	ND		81.4	87.95		ug/Kg	☼	108	65 - 135	3	25
Benzene	ND		81.4	76.11		ug/Kg	☼	93	65 - 130	5	20
Bromobenzene	ND		81.4	88.18		ug/Kg	☼	108	65 - 140	6	25
Bromochloromethane	ND		81.4	79.82		ug/Kg	☼	98	65 - 145	6	25
Bromodichloromethane	ND		81.4	88.56		ug/Kg	☼	109	65 - 145	7	20
Bromoform	ND		81.4	108.0		ug/Kg	☼	133	50 - 145	5	30
Bromomethane	ND		81.4	69.86		ug/Kg	☼	86	60 - 155	12	25
Carbon tetrachloride	ND		81.4	107.8		ug/Kg	☼	132	60 - 145	5	25
Chlorobenzene	ND		81.4	76.69		ug/Kg	☼	94	70 - 130	5	25
Chloroethane	ND		81.4	73.86		ug/Kg	☼	91	60 - 150	6	25
Chloroform	ND		81.4	79.53		ug/Kg	☼	98	65 - 135	6	20
Chloromethane	ND		81.4	70.67		ug/Kg	☼	87	40 - 145	1	25
cis-1,2-Dichloroethene	ND		81.4	83.27		ug/Kg	☼	102	65 - 135	3	25
cis-1,3-Dichloropropene	ND		81.4	93.57		ug/Kg	☼	115	70 - 135	14	25
Dibromochloromethane	ND		81.4	103.2		ug/Kg	☼	127	60 - 145	13	25
Dibromomethane	ND		81.4	77.67		ug/Kg	☼	95	65 - 140	6	25
Dichlorodifluoromethane	ND		81.4	69.54		ug/Kg	☼	85	30 - 160	3	35
Ethylbenzene	ND		81.4	85.87		ug/Kg	☼	105	70 - 135	3	25
Hexachlorobutadiene	ND		81.4	57.69		ug/Kg	☼	71	50 - 145	12	35
Isopropylbenzene	ND		81.4	78.93		ug/Kg	☼	97	70 - 145	14	25
m,p-Xylene	ND		81.4	87.27		ug/Kg	☼	107	70 - 130	0	25
Methylene Chloride	ND		81.4	71.89		ug/Kg	☼	88	55 - 145	4	25
Methyl-t-Butyl Ether (MTBE)	ND		81.4	95.53		ug/Kg	☼	117	55 - 155	3	35
Naphthalene	ND		81.4	75.09		ug/Kg	☼	92	40 - 150	4	40
n-Butylbenzene	ND		81.4	65.09		ug/Kg	☼	80	55 - 145	16	30
N-Propylbenzene	ND		81.4	89.52		ug/Kg	☼	110	65 - 140	5	25

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

Lab Sample ID: 440-94576-4 MSD
Matrix: Solid
Analysis Batch: 222478

Client Sample ID: SACA1130SE004
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
o-Xylene	ND		81.4	85.26		ug/Kg	☼	105	65 - 130	12	25
sec-Butylbenzene	ND		81.4	84.92		ug/Kg	☼	104	60 - 135	6	25
Styrene	ND		81.4	78.24		ug/Kg	☼	96	70 - 140	9	25
Tert-amyl-methyl ether (TAME)	ND		81.4	90.99		ug/Kg	☼	112	60 - 150	3	25
tert-Butylbenzene	ND		81.4	83.48		ug/Kg	☼	103	60 - 140	4	25
Tetrachloroethene	ND		81.4	83.41		ug/Kg	☼	102	65 - 135	15	25
Toluene	ND		81.4	84.80		ug/Kg	☼	104	70 - 130	13	20
trans-1,2-Dichloroethene	ND		81.4	82.96		ug/Kg	☼	102	70 - 135	4	25
trans-1,3-Dichloropropene	ND		81.4	107.5		ug/Kg	☼	132	60 - 145	12	25
Trichloroethene	ND		81.4	82.33		ug/Kg	☼	101	65 - 140	5	25
Trichlorofluoromethane	ND		81.4	85.76		ug/Kg	☼	105	55 - 155	5	25
Vinyl chloride	ND		81.4	79.19		ug/Kg	☼	97	55 - 140	4	30
Isopropyl Ether (DIPE)	ND		81.4	74.14		ug/Kg	☼	91	60 - 150	4	25
Ethyl-t-butyl ether (ETBE)	ND		81.4	87.67		ug/Kg	☼	108	60 - 145	3	30
tert-Butyl alcohol (TBA)	ND		814	878.1		ug/Kg	☼	108	65 - 145	6	30
p-Isopropyltoluene	ND		81.4	82.57		ug/Kg	☼	101	60 - 140	6	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*103*		*79 - 123*
4-Bromofluorobenzene (Surr)	*104*		*79 - 120*
Dibromofluoromethane (Surr)	*95*		*60 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-221833/1-A
Matrix: Solid
Analysis Batch: 222114

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 221833

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
1,2-Dichlorobenzene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
1,2-Diphenylhydrazine(as Azobenzene)	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
1,3-Dichlorobenzene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
1,4-Dichlorobenzene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2,4,5-Trichlorophenol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2,4,6-Trichlorophenol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2,4-Dichlorophenol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2,4-Dimethylphenol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2,4-Dinitrophenol	ND		660		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2,4-Dinitrotoluene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2,6-Dinitrotoluene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2-Chloronaphthalene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2-Chlorophenol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2-Methylnaphthalene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2-Methylphenol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2-Nitroaniline	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
2-Nitrophenol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-221833/1-A
Matrix: Solid
Analysis Batch: 222114

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 221833

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		830		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
3-Nitroaniline	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
4,6-Dinitro-2-methylphenol	ND		420		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
4-Bromophenyl phenyl ether	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
4-Chloro-3-methylphenol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
4-Chloroaniline	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
4-Chlorophenyl phenyl ether	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
3-Methylphenol + 4-Methylphenol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
4-Nitroaniline	ND		830		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
4-Nitrophenol	ND		830		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Acenaphthene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Acenaphthylene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Aniline	ND		420		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Anthracene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Benzidine	ND		1340		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Benzo[a]anthracene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Benzo[a]pyrene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Benzo[b]fluoranthene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Benzo[g,h,i]perylene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Benzo[k]fluoranthene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Benzoic acid	ND		830		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Benzyl alcohol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Bis(2-chloroethoxy)methane	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Bis(2-chloroethyl)ether	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Bis(2-ethylhexyl) phthalate	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Butyl benzyl phthalate	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Chrysene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Dibenz(a,h)anthracene	ND		420		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Dibenzofuran	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Diethyl phthalate	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Dimethyl phthalate	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Di-n-butyl phthalate	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Di-n-octyl phthalate	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Fluoranthene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Fluorene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Hexachlorobenzene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Hexachlorobutadiene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Hexachlorocyclopentadiene	ND		830		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Hexachloroethane	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Indeno[1,2,3-cd]pyrene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Isophorone	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Naphthalene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Nitrobenzene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
N-Nitrosodi-n-propylamine	ND		250		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
N-Nitrosodiphenylamine	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Pentachlorophenol	ND		830		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Phenanthrene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
Phenol	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 440-221833/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 222114 — **Prep Batch: 221833**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
bis (2-chloroisopropyl) ether	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1
N-Nitrosodimethylamine	ND		330		ug/Kg		12/01/14 16:52	12/02/14 18:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*87*		*35 - 120*	*12/01/14 16:52*	*12/02/14 18:37*	*1*
2-Fluorophenol (Surr)	*84*		*25 - 120*	*12/01/14 16:52*	*12/02/14 18:37*	*1*
2,4,6-Tribromophenol (Surr)	*85*		*35 - 125*	*12/01/14 16:52*	*12/02/14 18:37*	*1*
Nitrobenzene-d5 (Surr)	*87*		*30 - 120*	*12/01/14 16:52*	*12/02/14 18:37*	*1*
Terphenyl-d14 (Surr)	*78*		*40 - 135*	*12/01/14 16:52*	*12/02/14 18:37*	*1*
Phenol-d6 (Surr)	*87*		*35 - 120*	*12/01/14 16:52*	*12/02/14 18:37*	*1*

Lab Sample ID: LCS 440-221833/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 222114 — **Prep Batch: 221833**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	3330	2799		ug/Kg		84	56 - 94
1,2-Dichlorobenzene	3330	2729		ug/Kg		82	54 - 93
1,2-Diphenylhydrazine(as Azobenzene)	3330	2903		ug/Kg		87	64 - 110
1,3-Dichlorobenzene	3330	2623		ug/Kg		79	53 - 89
1,4-Dichlorobenzene	3330	2615		ug/Kg		78	54 - 90
2,4,5-Trichlorophenol	3330	3321		ug/Kg		100	64 - 110
2,4,6-Trichlorophenol	3330	3369		ug/Kg		101	65 - 106
2,4-Dichlorophenol	3330	3245		ug/Kg		97	64 - 104
2,4-Dimethylphenol	3330	3280	*	ug/Kg		98	57 - 97
2,4-Dinitrophenol	3330	2491		ug/Kg		75	44 - 124
2,4-Dinitrotoluene	3330	3030		ug/Kg		91	67 - 113
2,6-Dinitrotoluene	3330	3177		ug/Kg		95	67 - 112
2-Chloronaphthalene	3330	3157		ug/Kg		95	65 - 101
2-Chlorophenol	3330	3149		ug/Kg		94	61 - 103
2-Methylnaphthalene	3330	2899		ug/Kg		87	56 - 98
2-Methylphenol	3330	2891		ug/Kg		87	57 - 108
2-Nitroaniline	3330	3409		ug/Kg		102	62 - 109
2-Nitrophenol	3330	3017		ug/Kg		91	58 - 102
3,3'-Dichlorobenzidine	3330	3042		ug/Kg		91	44 - 101
3-Nitroaniline	3330	2970		ug/Kg		89	43 - 106
4,6-Dinitro-2-methylphenol	3330	3222		ug/Kg		97	60 - 122
4-Bromophenyl phenyl ether	3330	3318		ug/Kg		100	61 - 101
4-Chloro-3-methylphenol	3330	3284		ug/Kg		99	63 - 110
4-Chloroaniline	3330	2681		ug/Kg		80	29 - 98
4-Chlorophenyl phenyl ether	3330	2855		ug/Kg		86	60 - 116
3-Methylphenol + 4-Methylphenol	3330	2969		ug/Kg		89	56 - 110
4-Nitroaniline	3330	2581		ug/Kg		77	58 - 109
4-Nitrophenol	3330	2495		ug/Kg		75	58 - 118
Acenaphthene	3330	2946		ug/Kg		88	61 - 104
Acenaphthylene	3330	3020		ug/Kg		91	60 - 112

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 440-221833/2-A
Matrix: Solid
Analysis Batch: 222114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 221833

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aniline	3330	2845		ug/Kg		85	37 - 99
Anthracene	3330	3114		ug/Kg		93	69 - 115
Benzidine	3330	1182	J	ug/Kg		35	5 - 81
Benzo[a]anthracene	3330	3122		ug/Kg		94	68 - 109
Benzo[a]pyrene	3330	3017		ug/Kg		91	69 - 111
Benzo[b]fluoranthene	3330	2990		ug/Kg		90	61 - 106
Benzo[g,h,i]perylene	3330	2851		ug/Kg		86	60 - 115
Benzo[k]fluoranthene	3330	3083		ug/Kg		93	69 - 118
Benzoic acid	3330	2843		ug/Kg		85	38 - 115
Benzyl alcohol	3330	2694		ug/Kg		81	49 - 109
Bis(2-chloroethoxy)methane	3330	3046		ug/Kg		91	62 - 101
Bis(2-chloroethyl)ether	3330	2927		ug/Kg		88	55 - 99
Bis(2-ethylhexyl) phthalate	3330	2743		ug/Kg		82	61 - 117
Butyl benzyl phthalate	3330	2881		ug/Kg		86	61 - 109
Chrysene	3330	3199		ug/Kg		96	68 - 113
Dibenz(a,h)anthracene	3330	3541		ug/Kg		106	62 - 115
Dibenzofuran	3330	3072		ug/Kg		92	62 - 108
Diethyl phthalate	3330	2745		ug/Kg		82	65 - 116
Dimethyl phthalate	3330	2976		ug/Kg		89	67 - 106
Di-n-butyl phthalate	3330	2773		ug/Kg		83	71 - 119
Di-n-octyl phthalate	3330	2793		ug/Kg		84	68 - 124
Fluoranthene	3330	2891		ug/Kg		87	65 - 115
Fluorene	3330	2929		ug/Kg		88	61 - 115
Hexachlorobenzene	3330	3155		ug/Kg		95	61 - 99
Hexachlorobutadiene	3330	2670		ug/Kg		80	54 - 93
Hexachlorocyclopentadiene	3330	2073		ug/Kg		62	35 - 105
Hexachloroethane	3330	2572		ug/Kg		77	54 - 91
Indeno[1,2,3-cd]pyrene	3330	3487		ug/Kg		105	53 - 122
Isophorone	3330	3032		ug/Kg		91	58 - 98
Naphthalene	3330	2884		ug/Kg		87	58 - 96
Nitrobenzene	3330	3161		ug/Kg		95	58 - 96
N-Nitrosodi-n-propylamine	3330	2884		ug/Kg		87	54 - 104
N-Nitrosodiphenylamine	3330	3404	*	ug/Kg		102	64 - 101
Pentachlorophenol	3330	2733		ug/Kg		82	57 - 119
Phenanthrene	3330	3186		ug/Kg		96	67 - 118
Phenol	3330	3097		ug/Kg		93	60 - 108
Pyrene	3330	3240		ug/Kg		97	65 - 121
bis (2-chloroisopropyl) ether	3330	3343		ug/Kg		100	50 - 102
N-Nitrosodimethylamine	3330	2578		ug/Kg		77	48 - 94

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*95*		*35 - 120*
2-Fluorophenol (Surr)	*89*		*25 - 120*
2,4,6-Tribromophenol (Surr)	*105*		*35 - 125*
Nitrobenzene-d5 (Surr)	*94*		*30 - 120*
Terphenyl-d14 (Surr)	*77*		*40 - 135*
Phenol-d6 (Surr)	*94*		*35 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-94576-1 MS
Matrix: Solid
Analysis Batch: 222258

Client Sample ID: SACA1130SE001
Prep Type: Total/NA
Prep Batch: 221833

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	ND		5590	4896		ug/Kg	☼	88	40 - 120
1,2-Dichlorobenzene	ND		5590	4506		ug/Kg	☼	81	40 - 120
1,2-Diphenylhydrazine(as Azobenzene)	ND		5590	4392		ug/Kg	☼	79	50 - 125
1,3-Dichlorobenzene	ND		5590	4475		ug/Kg	☼	80	35 - 120
1,4-Dichlorobenzene	ND		5590	4439		ug/Kg	☼	79	35 - 120
2,4,5-Trichlorophenol	ND		5590	5306		ug/Kg	☼	95	45 - 120
2,4,6-Trichlorophenol	ND		5590	5636		ug/Kg	☼	101	45 - 120
2,4-Dichlorophenol	ND		5590	5443		ug/Kg	☼	97	45 - 120
2,4-Dimethylphenol	ND	*	5590	5662		ug/Kg	☼	101	30 - 120
2,4-Dinitrophenol	ND		5590	ND	F1	ug/Kg	☼	0	20 - 120
2,4-Dinitrotoluene	ND		5590	4637		ug/Kg	☼	83	50 - 125
2,6-Dinitrotoluene	ND		5590	5043		ug/Kg	☼	90	50 - 125
2-Chloronaphthalene	ND		5590	5336		ug/Kg	☼	95	45 - 120
2-Chlorophenol	ND		5590	5452		ug/Kg	☼	97	40 - 120
2-Methylnaphthalene	ND		5590	4757		ug/Kg	☼	85	40 - 120
2-Methylphenol	ND		5590	5081		ug/Kg	☼	91	40 - 120
2-Nitroaniline	ND		5590	5554		ug/Kg	☼	99	45 - 120
2-Nitrophenol	ND		5590	4939		ug/Kg	☼	88	40 - 120
3,3'-Dichlorobenzidine	ND		5590	1669		ug/Kg	☼	30	20 - 130
3-Nitroaniline	ND		5590	4056		ug/Kg	☼	73	30 - 120
4,6-Dinitro-2-methylphenol	ND		5590	1011	F1	ug/Kg	☼	18	35 - 120
4-Bromophenyl phenyl ether	ND		5590	5076		ug/Kg	☼	91	45 - 120
4-Chloro-3-methylphenol	ND		5590	5120		ug/Kg	☼	92	50 - 125
4-Chloroaniline	ND		5590	3424		ug/Kg	☼	61	20 - 120
4-Chlorophenyl phenyl ether	ND		5590	4449		ug/Kg	☼	80	50 - 120
3-Methylphenol + 4-Methylphenol	ND		5590	5299		ug/Kg	☼	95	50 - 120
4-Nitroaniline	ND		5590	2832		ug/Kg	☼	51	40 - 125
4-Nitrophenol	ND		5590	3995		ug/Kg	☼	71	35 - 125
Acenaphthene	ND		5590	4819		ug/Kg	☼	86	45 - 120
Acenaphthylene	ND		5590	4948		ug/Kg	☼	88	45 - 120
Aniline	ND		5590	3873		ug/Kg	☼	69	25 - 120
Anthracene	ND		5590	4834		ug/Kg	☼	86	55 - 120
Benzidine	ND		5590	ND	F1	ug/Kg	☼	0	20 - 120
Benzo[a]anthracene	ND		5590	4241		ug/Kg	☼	76	50 - 120
Benzo[a]pyrene	ND		5590	3912		ug/Kg	☼	70	45 - 125
Benzo[b]fluoranthene	ND		5590	3975		ug/Kg	☼	71	45 - 125
Benzo[g,h,i]perylene	ND		5590	5689		ug/Kg	☼	102	25 - 130
Benzo[k]fluoranthene	ND		5590	4054		ug/Kg	☼	72	45 - 125
Benzoic acid	ND		5590	ND	F1	ug/Kg	☼	0	20 - 120
Benzyl alcohol	ND		5590	4775		ug/Kg	☼	85	20 - 120
Bis(2-chloroethoxy)methane	ND		5590	5056		ug/Kg	☼	90	45 - 120
Bis(2-chloroethyl)ether	ND		5590	4930		ug/Kg	☼	88	35 - 110
Bis(2-ethylhexyl) phthalate	ND		5590	4287		ug/Kg	☼	77	45 - 130
Butyl benzyl phthalate	ND		5590	4374		ug/Kg	☼	78	45 - 125
Chrysene	ND		5590	4343		ug/Kg	☼	78	55 - 120
Dibenz(a,h)anthracene	ND		5590	5669		ug/Kg	☼	101	25 - 135
Dibenzofuran	ND		5590	4816		ug/Kg	☼	86	50 - 120

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-94576-1 MS — **Client Sample ID: SACA1130SE001**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 222258 — **Prep Batch: 221833**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diethyl phthalate	ND		5590	4484		ug/Kg	☼	80	50 - 125
Dimethyl phthalate	ND		5590	4891		ug/Kg	☼	87	45 - 125
Di-n-butyl phthalate	ND		5590	4159		ug/Kg	☼	74	50 - 125
Di-n-octyl phthalate	ND		5590	4107		ug/Kg	☼	73	50 - 135
Fluoranthene	ND		5590	4508		ug/Kg	☼	81	45 - 120
Fluorene	ND		5590	4562		ug/Kg	☼	82	50 - 120
Hexachlorobenzene	ND		5590	4926		ug/Kg	☼	88	50 - 120
Hexachlorobutadiene	ND		5590	4643		ug/Kg	☼	83	40 - 120
Hexachlorocyclopentadiene	ND		5590	ND	F1	ug/Kg	☼	9	20 - 125
Hexachloroethane	ND		5590	3607		ug/Kg	☼	64	35 - 120
Indeno[1,2,3-cd]pyrene	ND		5590	5951		ug/Kg	☼	106	20 - 130
Isophorone	ND		5590	4993		ug/Kg	☼	89	40 - 120
Naphthalene	ND		5590	4884		ug/Kg	☼	87	40 - 120
Nitrobenzene	ND		5590	5334		ug/Kg	☼	95	40 - 120
N-Nitrosodi-n-propylamine	ND		5590	5227		ug/Kg	☼	93	35 - 120
N-Nitrosodiphenylamine	ND	*	5590	5391		ug/Kg	☼	96	45 - 125
Pentachlorophenol	ND		5590	4532		ug/Kg	☼	81	30 - 120
Phenanthrene	ND		5590	4899		ug/Kg	☼	88	50 - 120
Phenol	ND		5590	5430		ug/Kg	☼	97	40 - 120
Pyrene	ND		5590	4893		ug/Kg	☼	87	40 - 125
bis (2-chloroisopropyl) ether	ND		5590	5582		ug/Kg	☼	100	40 - 120
N-Nitrosodimethylamine	ND		5590	3710		ug/Kg	☼	66	25 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*96*		*35 - 120*
2-Fluorophenol (Surr)	*91*		*25 - 120*
2,4,6-Tribromophenol (Surr)	*97*		*35 - 125*
Nitrobenzene-d5 (Surr)	*95*		*30 - 120*
Terphenyl-d14 (Surr)	*65*		*40 - 135*
Phenol-d6 (Surr)	*97*		*35 - 120*

Lab Sample ID: 440-94576-1 MSD — **Client Sample ID: SACA1130SE001**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 222258 — **Prep Batch: 221833**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND		5800	4774		ug/Kg	☼	82	40 - 120	3	25
1,2-Dichlorobenzene	ND		5800	4423		ug/Kg	☼	76	40 - 120	2	25
1,2-Diphenylhydrazine(as Azobenzene)	ND		5800	4387		ug/Kg	☼	76	50 - 125	0	25
1,3-Dichlorobenzene	ND		5800	4438		ug/Kg	☼	77	35 - 120	1	25
1,4-Dichlorobenzene	ND		5800	4418		ug/Kg	☼	76	35 - 120	0	25
2,4,5-Trichlorophenol	ND		5800	5409		ug/Kg	☼	93	45 - 120	2	20
2,4,6-Trichlorophenol	ND		5800	5599		ug/Kg	☼	97	45 - 120	1	25
2,4-Dichlorophenol	ND		5800	5371		ug/Kg	☼	93	45 - 120	1	25
2,4-Dimethylphenol	ND	*	5800	5526		ug/Kg	☼	95	30 - 120	2	25
2,4-Dinitrophenol	ND		5800	ND	F1	ug/Kg	☼	0	20 - 120	NC	25
2,4-Dinitrotoluene	ND		5800	4752		ug/Kg	☼	82	50 - 125	2	25

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-94576-1 MSD | **Client Sample ID: SACA1130SE001**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 222258 | **Prep Batch: 221833**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,6-Dinitrotoluene	ND		5800	5066		ug/Kg	☼	87	50 - 125	0	20
2-Chloronaphthalene	ND		5800	5287		ug/Kg	☼	91	45 - 120	1	20
2-Chlorophenol	ND		5800	5295		ug/Kg	☼	91	40 - 120	3	20
2-Methylnaphthalene	ND		5800	4706		ug/Kg	☼	81	40 - 120	1	20
2-Methylphenol	ND		5800	5241		ug/Kg	☼	90	40 - 120	3	25
2-Nitroaniline	ND		5800	5643		ug/Kg	☼	97	45 - 120	2	25
2-Nitrophenol	ND		5800	4836		ug/Kg	☼	83	40 - 120	2	25
3,3'-Dichlorobenzidine	ND		5800	2155		ug/Kg	☼	37	20 - 130	25	25
3-Nitroaniline	ND		5800	4250		ug/Kg	☼	73	30 - 120	5	25
4,6-Dinitro-2-methylphenol	ND		5800	1117	F1	ug/Kg	☼	19	35 - 120	10	25
4-Bromophenyl phenyl ether	ND		5800	5040		ug/Kg	☼	87	45 - 120	1	20
4-Chloro-3-methylphenol	ND		5800	5169		ug/Kg	☼	89	50 - 125	1	25
4-Chloroaniline	ND		5800	3526		ug/Kg	☼	61	20 - 120	3	30
4-Chlorophenyl phenyl ether	ND		5800	4471		ug/Kg	☼	77	50 - 120	0	25
3-Methylphenol + 4-Methylphenol	ND		5800	5218		ug/Kg	☼	90	50 - 120	2	25
4-Nitroaniline	ND		5800	3203		ug/Kg	☼	55	40 - 125	12	30
4-Nitrophenol	ND		5800	4027		ug/Kg	☼	69	35 - 125	1	30
Acenaphthene	ND		5800	4815		ug/Kg	☼	83	45 - 120	0	25
Acenaphthylene	ND		5800	4967		ug/Kg	☼	86	45 - 120	0	20
Aniline	ND		5800	3868		ug/Kg	☼	67	25 - 120	0	30
Anthracene	ND		5800	4815		ug/Kg	☼	83	55 - 120	0	25
Benzidine	ND		5800	ND	F1	ug/Kg	☼	0	20 - 120	NC	30
Benzo[a]anthracene	ND		5800	4384		ug/Kg	☼	76	50 - 120	3	25
Benzo[a]pyrene	ND		5800	4121		ug/Kg	☼	71	45 - 125	5	25
Benzo[b]fluoranthene	ND		5800	4147		ug/Kg	☼	72	45 - 125	4	30
Benzo[g,h,i]perylene	ND		5800	6032		ug/Kg	☼	104	25 - 130	6	30
Benzo[k]fluoranthene	ND		5800	4125		ug/Kg	☼	71	45 - 125	2	30
Benzoic acid	ND		5800	ND	F1	ug/Kg	☼	16	20 - 120	NC	30
Benzyl alcohol	ND		5800	4584		ug/Kg	☼	79	20 - 120	4	30
Bis(2-chloroethoxy)methane	ND		5800	4955		ug/Kg	☼	85	45 - 120	2	25
Bis(2-chloroethyl)ether	ND		5800	4989		ug/Kg	☼	86	35 - 110	1	25
Bis(2-ethylhexyl) phthalate	ND		5800	4546		ug/Kg	☼	78	45 - 130	6	25
Butyl benzyl phthalate	ND		5800	4438		ug/Kg	☼	77	45 - 125	1	25
Chrysene	ND		5800	4493		ug/Kg	☼	77	55 - 120	3	25
Dibenz(a,h)anthracene	ND		5800	5952		ug/Kg	☼	103	25 - 135	5	30
Dibenzofuran	ND		5800	4864		ug/Kg	☼	84	50 - 120	1	25
Diethyl phthalate	ND		5800	4482		ug/Kg	☼	77	50 - 125	0	25
Dimethyl phthalate	ND		5800	4894		ug/Kg	☼	84	45 - 125	0	25
Di-n-butyl phthalate	ND		5800	4245		ug/Kg	☼	73	50 - 125	2	25
Di-n-octyl phthalate	ND		5800	4357		ug/Kg	☼	75	50 - 135	6	25
Fluoranthene	ND		5800	4693		ug/Kg	☼	81	45 - 120	4	25
Fluorene	ND		5800	4603		ug/Kg	☼	79	50 - 120	1	25
Hexachlorobenzene	ND		5800	4916		ug/Kg	☼	85	50 - 120	0	25
Hexachlorobutadiene	ND		5800	4568		ug/Kg	☼	79	40 - 120	2	25
Hexachlorocyclopentadiene	ND		5800	ND	F1	ug/Kg	☼	8	20 - 125	16	30
Hexachloroethane	ND		5800	3747		ug/Kg	☼	65	35 - 120	4	30
Indeno[1,2,3-cd]pyrene	ND		5800	6215		ug/Kg	☼	107	20 - 130	4	30
Isophorone	ND		5800	4859		ug/Kg	☼	84	40 - 120	3	25

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-94576-1 MSD — **Client Sample ID: SACA1130SE001**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 222258 — **Prep Batch: 221833**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene	ND		5800	4836		ug/Kg	☼	83	40 - 120	1	25
Nitrobenzene	ND		5800	5271		ug/Kg	☼	91	40 - 120	1	25
N-Nitrosodi-n-propylamine	ND		5800	4801		ug/Kg	☼	83	35 - 120	9	25
N-Nitrosodiphenylamine	ND	*	5800	5422		ug/Kg	☼	93	45 - 125	1	25
Pentachlorophenol	ND		5800	4617		ug/Kg	☼	80	30 - 120	2	25
Phenanthrene	ND		5800	5005		ug/Kg	☼	86	50 - 120	2	25
Phenol	ND		5800	5270		ug/Kg	☼	91	40 - 120	3	25
Pyrene	ND		5800	5019		ug/Kg	☼	87	40 - 125	3	30
bis (2-chloroisopropyl) ether	ND		5800	5618		ug/Kg	☼	97	40 - 120	1	25
N-Nitrosodimethylamine	ND		5800	3679		ug/Kg	☼	63	25 - 125	1	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*92*		*35 - 120*
2-Fluorophenol (Surr)	*86*		*25 - 120*
2,4,6-Tribromophenol (Surr)	*93*		*35 - 125*
Nitrobenzene-d5 (Surr)	*91*		*30 - 120*
Terphenyl-d14 (Surr)	*65*		*40 - 135*
Phenol-d6 (Surr)	*92*		*35 - 120*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 440-223393/6 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 223393

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C4-C12)	ND		400		ug/Kg			12/09/14 10:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*65 - 140*		*12/09/14 10:57*	*1*

Lab Sample ID: LCS 440-223393/4 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 223393

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO (C4-C12)			1600	1598		ug/Kg		100	70 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*65 - 140*

Lab Sample ID: LCSD 440-223393/5 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 223393

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)			1600	1522		ug/Kg		95	70 - 135	5	20

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 440-223393/5 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 223393

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		65 - 140

Lab Sample ID: 440-95478-A-5 MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 223393

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO (C4-C12)	ND		1490	1376		ug/Kg		92	60 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		65 - 140

Lab Sample ID: 440-95478-A-5 MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 223393

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO (C4-C12)	ND		1470	1170		ug/Kg		80	60 - 140	16	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	80		65 - 140

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

Lab Sample ID: MB 440-221789/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 221975 — **Prep Batch: 221789**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C13-C22	ND		5.00		mg/Kg		12/01/14 14:42	12/02/14 09:04	1
C23-C40	ND		5.00		mg/Kg		12/01/14 14:42	12/02/14 09:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane	80		40 - 140	12/01/14 14:42	12/02/14 09:04	1

Lab Sample ID: LCS 440-221789/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 221975 — **Prep Batch: 221789**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C10-C28	66.7	64.40		mg/Kg		97	45 - 115

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane	91		40 - 140

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

Lab Sample ID: 440-94057-A-7-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 221975 — **Prep Batch: 221789**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C10-C28	ND		137	81.48		mg/Kg		59	40 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane	*56*		*40 - 140*

Lab Sample ID: 440-94057-A-7-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 221975 — **Prep Batch: 221789**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C10-C28	ND		142	94.29		mg/Kg		67	40 - 120	15	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane	*63*		*40 - 140*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-221913/1-A ^5 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 222442 — **Prep Batch: 221913**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.0		mg/Kg		12/02/14 07:38	12/03/14 16:47	5
Arsenic	ND		3.00		mg/Kg		12/02/14 07:38	12/03/14 16:47	5
Barium	ND		1.50		mg/Kg		12/02/14 07:38	12/03/14 16:47	5
Beryllium	ND		0.500		mg/Kg		12/02/14 07:38	12/03/14 16:47	5
Cadmium	ND		0.500		mg/Kg		12/02/14 07:38	12/03/14 16:47	5
Chromium	ND		1.00		mg/Kg		12/02/14 07:38	12/03/14 16:47	5
Cobalt	ND		1.00		mg/Kg		12/02/14 07:38	12/03/14 16:47	5
Copper	ND		2.00		mg/Kg		12/02/14 07:38	12/03/14 16:47	5
Lead	ND		2.00		mg/Kg		12/02/14 07:38	12/03/14 16:47	5
Molybdenum	ND		2.00		mg/Kg		12/02/14 07:38	12/03/14 16:47	5
Nickel	ND		2.00		mg/Kg		12/02/14 07:38	12/03/14 16:47	5
Selenium	ND		3.00		mg/Kg		12/02/14 07:38	12/03/14 16:47	5
Thallium	ND		10.0		mg/Kg		12/02/14 07:38	12/03/14 16:47	5
Vanadium	ND		1.00		mg/Kg		12/02/14 07:38	12/03/14 16:47	5
Zinc	ND		5.00		mg/Kg		12/02/14 07:38	12/03/14 16:47	5
Silver	ND		1.50		mg/Kg		12/02/14 07:38	12/03/14 16:47	5

Lab Sample ID: LCS 440-221913/2-A ^5 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 222442 — **Prep Batch: 221913**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	49.3	47.35		mg/Kg		96	80 - 120
Arsenic	49.3	45.72		mg/Kg		93	80 - 120
Barium	49.3	47.21		mg/Kg		96	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 440-221913/2-A ^5 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 222442 — **Prep Batch: 221913**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	49.3	46.03		mg/Kg		93	80 - 120
Cadmium	49.3	46.17		mg/Kg		94	80 - 120
Chromium	49.3	49.83		mg/Kg		101	80 - 120
Cobalt	49.3	49.47		mg/Kg		100	80 - 120
Copper	49.3	47.20		mg/Kg		96	80 - 120
Lead	49.3	46.63		mg/Kg		95	80 - 120
Molybdenum	49.3	48.24		mg/Kg		98	80 - 120
Nickel	49.3	50.21		mg/Kg		102	80 - 120
Selenium	49.3	40.67		mg/Kg		83	80 - 120
Thallium	49.3	45.67		mg/Kg		93	80 - 120
Vanadium	49.3	47.55		mg/Kg		97	80 - 120
Zinc	49.3	44.26		mg/Kg		90	80 - 120
Silver	24.6	23.06		mg/Kg		94	80 - 120

Lab Sample ID: 440-94648-A-1-B MS ^5 — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 222442 — **Prep Batch: 221913**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		49.5	13.45	F1	mg/Kg		27	75 - 125
Arsenic	5.26		49.5	48.71		mg/Kg		88	75 - 125
Barium	124		49.5	166.8		mg/Kg		86	75 - 125
Beryllium	ND		49.5	44.80		mg/Kg		90	75 - 125
Cadmium	ND		49.5	45.54		mg/Kg		92	75 - 125
Chromium	22.2		49.5	72.46		mg/Kg		102	75 - 125
Cobalt	9.16		49.5	55.73		mg/Kg		94	75 - 125
Copper	23.5		49.5	75.29		mg/Kg		105	75 - 125
Lead	5.84		49.5	49.47		mg/Kg		88	75 - 125
Molybdenum	ND		49.5	42.28		mg/Kg		85	75 - 125
Nickel	16.4		49.5	64.17		mg/Kg		96	75 - 125
Selenium	ND		49.5	38.01		mg/Kg		77	75 - 125
Thallium	ND		49.5	42.76		mg/Kg		86	75 - 125
Vanadium	37.8		49.5	90.73		mg/Kg		107	75 - 125
Zinc	61.1		49.5	320.1	F1	mg/Kg		523	75 - 125
Silver	ND		24.8	22.86		mg/Kg		92	75 - 125

Lab Sample ID: 440-94648-A-1-C MSD ^5 — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 222442 — **Prep Batch: 221913**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		49.3	13.94	F1	mg/Kg		28	75 - 125	4	20
Arsenic	5.26		49.3	49.97		mg/Kg		91	75 - 125	3	20
Barium	124		49.3	188.0	F1	mg/Kg		129	75 - 125	12	20
Beryllium	ND		49.3	45.46		mg/Kg		91	75 - 125	1	20
Cadmium	ND		49.3	46.34		mg/Kg		94	75 - 125	2	20
Chromium	22.2		49.3	74.36		mg/Kg		106	75 - 125	3	20
Cobalt	9.16		49.3	55.96		mg/Kg		95	75 - 125	0	20
Copper	23.5		49.3	77.00		mg/Kg		109	75 - 125	2	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 440-94648-A-1-C MSD ^5 — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 222442 — **Prep Batch: 221913**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	5.84		49.3	50.98		mg/Kg		92	75 - 125	3	20
Molybdenum	ND		49.3	43.56		mg/Kg		88	75 - 125	3	20
Nickel	16.4		49.3	65.27		mg/Kg		99	75 - 125	2	20
Selenium	ND		49.3	39.24		mg/Kg		80	75 - 125	3	20
Thallium	ND		49.3	42.68		mg/Kg		87	75 - 125	0	20
Vanadium	37.8		49.3	93.26		mg/Kg		113	75 - 125	3	20
Zinc	61.1		49.3	120.6	F2	mg/Kg		121	75 - 125	91	20
Silver	ND		24.6	23.39		mg/Kg		95	75 - 125	2	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 440-222535/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 222600 — **Prep Batch: 222535**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0200		mg/Kg		12/04/14 09:42	12/04/14 13:09	1

Lab Sample ID: LCS 440-222535/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 222600 — **Prep Batch: 222535**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.800	0.9481		mg/Kg		119	80 - 120

Lab Sample ID: 440-94659-H-2-J MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 222600 — **Prep Batch: 222535**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0217		0.846	0.9063		mg/Kg	☼	105	70 - 130

Lab Sample ID: 440-94659-H-2-K MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 222600 — **Prep Batch: 222535**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.0217		0.813	0.8774		mg/Kg	☼	105	70 - 130	3	20

Method: Moisture - Percent Moisture

Lab Sample ID: 440-94576-1 DU — **Client Sample ID: SACA1130SE001**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 225570

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	43		44		%		4	20
Percent Solids	57		56		%		3	20

QC Association Summary

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

GC/MS VOA

Analysis Batch: 222176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94576-1	SACA1130SE001	Total/NA	Solid	8260B	
440-94576-2	SACA1130SE002	Total/NA	Solid	8260B	
440-94576-3	SACA1130SE003	Total/NA	Solid	8260B	
440-94576-5	SACA1130N004	Total/NA	Solid	8260B	
440-94782-A-1 MS	Matrix Spike	Total/NA	Solid	8260B	
440-94782-A-1 MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	
LCS 440-222176/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 440-222176/7	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 222421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94576-6	SACA1130TB01	Total/NA	Water	8260B	
440-94671-A-2 MS	Matrix Spike	Total/NA	Water	8260B	
440-94671-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 440-222421/4	Lab Control Sample	Total/NA	Water	8260B	
MB 440-222421/3	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 222478

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94576-4	SACA1130SE004	Total/NA	Solid	8260B	
440-94576-4 MS	SACA1130SE004	Total/NA	Solid	8260B	
440-94576-4 MSD	SACA1130SE004	Total/NA	Solid	8260B	
LCS 440-222478/5	Lab Control Sample	Total/NA	Solid	8260B	
MB 440-222478/4	Method Blank	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 221833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94576-1	SACA1130SE001	Total/NA	Solid	3546	
440-94576-1 MS	SACA1130SE001	Total/NA	Solid	3546	
440-94576-1 MSD	SACA1130SE001	Total/NA	Solid	3546	
440-94576-2	SACA1130SE002	Total/NA	Solid	3546	
440-94576-3	SACA1130SE003	Total/NA	Solid	3546	
440-94576-4	SACA1130SE004	Total/NA	Solid	3546	
440-94576-5	SACA1130N004	Total/NA	Solid	3546	
LCS 440-221833/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 440-221833/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 222114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 440-221833/2-A	Lab Control Sample	Total/NA	Solid	8270C	221833
MB 440-221833/1-A	Method Blank	Total/NA	Solid	8270C	221833

Analysis Batch: 222258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94576-1	SACA1130SE001	Total/NA	Solid	8270C	221833
440-94576-1 MS	SACA1130SE001	Total/NA	Solid	8270C	221833
440-94576-1 MSD	SACA1130SE001	Total/NA	Solid	8270C	221833
440-94576-2	SACA1130SE002	Total/NA	Solid	8270C	221833

GC/MS Semi VOA (Continued)

Analysis Batch: 222258 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94576-3	SACA1130SE003	Total/NA	Solid	8270C	221833
440-94576-4	SACA1130SE004	Total/NA	Solid	8270C	221833
440-94576-5	SACA1130N004	Total/NA	Solid	8270C	221833

GC VOA

Analysis Batch: 223393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94576-1	SACA1130SE001	Total/NA	Solid	8015B	
440-94576-2	SACA1130SE002	Total/NA	Solid	8015B	
440-94576-3	SACA1130SE003	Total/NA	Solid	8015B	
440-94576-4	SACA1130SE004	Total/NA	Solid	8015B	
440-94576-5	SACA1130N004	Total/NA	Solid	8015B	
440-95478-A-5 MS	Matrix Spike	Total/NA	Solid	8015B	
440-95478-A-5 MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	
LCS 440-223393/4	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 440-223393/5	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 440-223393/6	Method Blank	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 221789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94057-A-7-C MS	Matrix Spike	Total/NA	Solid	3546	
440-94057-A-7-D MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	
440-94576-1	SACA1130SE001	Total/NA	Solid	3546	
440-94576-2	SACA1130SE002	Total/NA	Solid	3546	
440-94576-3	SACA1130SE003	Total/NA	Solid	3546	
440-94576-4	SACA1130SE004	Total/NA	Solid	3546	
440-94576-5	SACA1130N004	Total/NA	Solid	3546	
LCS 440-221789/2-A	Lab Control Sample	Total/NA	Solid	3546	
MB 440-221789/1-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 221973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94576-1	SACA1130SE001	Total/NA	Solid	8015B	221789
440-94576-2	SACA1130SE002	Total/NA	Solid	8015B	221789
440-94576-4	SACA1130SE004	Total/NA	Solid	8015B	221789

Analysis Batch: 221975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94057-A-7-C MS	Matrix Spike	Total/NA	Solid	8015B	221789
440-94057-A-7-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	221789
LCS 440-221789/2-A	Lab Control Sample	Total/NA	Solid	8015B	221789
MB 440-221789/1-A	Method Blank	Total/NA	Solid	8015B	221789

Analysis Batch: 222289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94576-3	SACA1130SE003	Total/NA	Solid	8015B	221789
440-94576-5	SACA1130N004	Total/NA	Solid	8015B	221789

QC Association Summary

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

Metals

Prep Batch: 221913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94576-1	SACA1130SE001	Total/NA	Solid	3050B	
440-94576-2	SACA1130SE002	Total/NA	Solid	3050B	
440-94576-3	SACA1130SE003	Total/NA	Solid	3050B	
440-94576-4	SACA1130SE004	Total/NA	Solid	3050B	
440-94576-5	SACA1130N004	Total/NA	Solid	3050B	
440-94648-A-1-B MS ^5	Matrix Spike	Total/NA	Solid	3050B	
440-94648-A-1-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	
LCS 440-221913/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
MB 440-221913/1-A ^5	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 222442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94576-1	SACA1130SE001	Total/NA	Solid	6010B	221913
440-94576-2	SACA1130SE002	Total/NA	Solid	6010B	221913
440-94576-3	SACA1130SE003	Total/NA	Solid	6010B	221913
440-94576-4	SACA1130SE004	Total/NA	Solid	6010B	221913
440-94576-5	SACA1130N004	Total/NA	Solid	6010B	221913
440-94648-A-1-B MS ^5	Matrix Spike	Total/NA	Solid	6010B	221913
440-94648-A-1-C MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	221913
LCS 440-221913/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	221913
MB 440-221913/1-A ^5	Method Blank	Total/NA	Solid	6010B	221913

Prep Batch: 222535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94576-1	SACA1130SE001	Total/NA	Solid	7471A	
440-94576-2	SACA1130SE002	Total/NA	Solid	7471A	
440-94576-3	SACA1130SE003	Total/NA	Solid	7471A	
440-94576-4	SACA1130SE004	Total/NA	Solid	7471A	
440-94576-5	SACA1130N004	Total/NA	Solid	7471A	
440-94659-H-2-J MS	Matrix Spike	Total/NA	Solid	7471A	
440-94659-H-2-K MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	
LCS 440-222535/2-A	Lab Control Sample	Total/NA	Solid	7471A	
MB 440-222535/1-A	Method Blank	Total/NA	Solid	7471A	

Analysis Batch: 222600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94659-H-2-J MS	Matrix Spike	Total/NA	Solid	7471A	222535
440-94659-H-2-K MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	222535
LCS 440-222535/2-A	Lab Control Sample	Total/NA	Solid	7471A	222535
MB 440-222535/1-A	Method Blank	Total/NA	Solid	7471A	222535

Analysis Batch: 222665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94576-1	SACA1130SE001	Total/NA	Solid	7471A	222535
440-94576-2	SACA1130SE002	Total/NA	Solid	7471A	222535
440-94576-3	SACA1130SE003	Total/NA	Solid	7471A	222535
440-94576-4	SACA1130SE004	Total/NA	Solid	7471A	222535
440-94576-5	SACA1130N004	Total/NA	Solid	7471A	222535

QC Association Summary

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

General Chemistry

Analysis Batch: 225570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-94576-1	SACA1130SE001	Total/NA	Solid	Moisture	
440-94576-1 DU	SACA1130SE001	Total/NA	Solid	Moisture	
440-94576-2	SACA1130SE002	Total/NA	Solid	Moisture	
440-94576-3	SACA1130SE003	Total/NA	Solid	Moisture	
440-94576-4	SACA1130SE004	Total/NA	Solid	Moisture	
440-94576-5	SACA1130N004	Total/NA	Solid	Moisture	

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
X	Surrogate is outside control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
F1	MS and/or MSD Recovery exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control limits

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
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Center for Toxicology & Env Health LLC
Project/Site: Santa Paula Waste Facility

TestAmerica Job ID: 440-94576-1

Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-15
Arizona	State Program	9	AZ0671	10-13-15
California	LA Cty Sanitation Districts	9	10256	01-31-15
California	State Program	9	2706	06-30-16
Guam	State Program	9	Cert. No. 12.002r	01-23-15
Hawaii	State Program	9	N/A	01-29-15 *
Nevada	State Program	9	CA015312007A	07-31-15
New Mexico	State Program	6	N/A	01-29-15
Northern Mariana Islands	State Program	9	MP0002	01-29-15
Oregon	NELAP	10	4005	01-29-15
USDA	Federal		P330-09-00080	06-06-15
USEPA UCMR	Federal	1	CA01531	01-31-15

* Certification renewal pending - certification considered valid.

TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614
Phone: 949.261.1022 Fax:

Chain of Custody Record

027421

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Kyle Bennett	Site Contact:	Date:	COC No: 2014_11_30_SED
Company Name: CTEH	Tel/Fax: 501-747-6787	Lab Contact:	Carrier:	____ of ____ COCs
Address: 5120 Northshore Drive	Analysis Turnaround Time			Sampler: JB
City/State/Zip: N. Little Rock, AR 72118	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 501-801-8500	TAT if different from Below ____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: 106846 Mission Incident	☐ 1 week			
Site: Santa Paula, CA	☐ 2 days			Job / SDG No
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	VOC 8260	SVOC 8270	TRPH 8015	Metals 6010	Metals 7471	Sample Specific Notes:
SACA1130SE001	11/30	1033	G	S	2			X	X	X	X	X	
SACA1130SE002	11/30	1110	G	S	2			X	X	X	X	X	
SACA1130SE003	11/30	1135	G	S	2			X	X	X	X	X	
SACA1130SE004	11/30	1200	G	S	2			X	X	X	X	X	
SACA1130N004	11/30	1200	G	S	2			X	X	X	X	X	
SACA1130TB01	11/30		G	W	2			X	X				HCL Preservative

LC LC LC

440-94576 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments: sklusk@cteh.com, dunkelman.tom@epa.gov, powell.martin@epa.gov, christopher.myers@westinsolutions.com
Email results to: kbennett@cteh.com, Labresults@cteh.com
Bill to accounts receivable CTEH 5120 Northshore Drive N. Little Rock, AR 72118

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Austin Blanzenship	CTEH	12/1/14 0735	Shelly @ AARI	DCS	12/1/14 / 0735
Relinquished by: Shelly @ AARI	Company: DCS	Date/Time: 12/1/14 9:00am	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				TA-I	12-1-14 0957

LTE Sealing

Page 08 of 09

12/24/2014

U.S/3.5 1.64

Login Sample Receipt Checklist

Client: Center for Toxicology & Env Health LLC

Job Number: 440-94576-1

Login Number: 94576

List Source: TestAmerica Irvine

List Number: 1

Creator: Freitag, Kevin R

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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 containers received and the COC.	False	Refer to Job Narrative for details.
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.	False	Refer to Job Narrative for details.
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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	False	Refer to Job Narrative for details.
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	