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SAILORS ENGINEERING ASSOCIATES, INC.
1675 SPECTRUM DRIVE • LAWRENCEVILLE, GEORGIA 30043 • TEL (770) 962-5922 • FAX 962-7964

SEMI-ANNUAL VRP PROGRESS REPORT
IDEAL CLEANERS
224 GREENVILLE STREET
LAGRANGE, TROUP COUNTY, GEORGIA

HSI #10931
SEA JOB #172-094

SUBMITTED:
OCTOBER 26, 2018

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October 26, 2018

Mr. David Hayes
Georgia Department of Natural Resources
Environmental Protection Division
205 Butler Street, S.E.
Floyd Towers East, Suite 1054
Atlanta, GA 30334

RE: First Semi-Annual VRP Progress Report
Ideal Cleaners
224 Greenville Street
LaGrange, Troup County, Georgia
HSI #10931
SEA Job No. 172-094

Dear Mr. Hayes:

Sailors Engineering Associates, Inc. (SEA) has reviewed your comment letter dated April 26, 2018 and conducted additional activities related to the Voluntary Remediation Program (VRP) for the subject site and is pleased to present this report for your review. The following report discusses the activities completed during the period from April 26, 2018 through October 26, 2018, as well as planned and anticipated activities for the period of November 2018 to April 2019.

1.0 INTRODUCTION

1.1 Background

As part of a due diligence investigation conducted in March 2013, soil and groundwater samples were collected from the area immediately west of the dry cleaner building. Results of that investigation indicated impacts to soil and groundwater from tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cDCE), trans-1,2-dichlroethene (tDCE), vinyl chloride (VC), acetone, 1,2,4-trimethylbenzene, xylenes and 2-butanone MEK). On May 30, 2013 a release notification was submitted to the Georgia EPD Hazardous Site Response Program and a Notification Addendum was submitted on March 28, 2014. The subject property was subsequently placed on the Hazardous Site Inventory as Site Number 10931 on March 9, 2015. The VRP application (the Application) submitted for Ideal Cleaners, located at 224 Greenville Street in LaGrange, Troup County Georgia; HSI # 10931, dated October 26, 2017 was approved April 26, 2018.

1.2 Site Description

The subject property is located along and south of Greenville Street at 224 Greenville Street, LaGrange, Troup County, Georgia and is currently owned by Goode Family, LLC. The subject property is approximately 0.66 acres in size. Ideal Cleaners occupies the western 7,080 square feet of the roughly

8,169 square foot building. Ideal Cleaners is currently a hydrocarbon based dry cleaning business. The eastern portion of the building is currently occupied by an insurance agency.

2.0 RESPONSE TO COMMENTS

SEA has reviewed your comment letter and has addressed comments 1 through 6 in sections within this report. With regard to comments 7 through 9(g), the requested additional submittals and corrections are attached with the exception of comment 9(a) regarding the September 2017 sample identification. The site had samples which had previously been numbered using a prefix of DP. When the September 2017 sampling event took place, a similar numbering system was employed in the field with a DP prefix to the samples. In order to prevent confusion, the samples were renumbered with an SDP prefix to differentiate the sample locations from the previous DPs.

3.0 ACTIVITIES COMPLETED THIS PERIOD

The proposed remediation includes the removal of soil from the affected area west of and beneath a portion of the Ideal Cleaners building. A stream buffer variance permit is required for this site since the remediation activities include the disturbance of an area adjacent to Oseligee Creek, also known as Tanyard Creek. A stream buffer variance application was submitted to Georgia EPD on July 5, 2018. Soil borings for geotechnical parameters were completed on January 2, 2018 to collect information for the design of an under pining system for the building and for a foundation for the stream bank improvements that would be made as part of the Stream Buffer Variance Permit. The borings were advanced to approximately 30-feet below ground surface (bgs) and standard penetration testing using split spoons and drop hammer were performed.

Based on the geotechnical boring performed, the soil consisted of shallow fill material overlying a thin layer of alluvium followed by saprolite soils from approximately 7 to 8 feet bgs. The water table was encountered approximately 4-feet bgs.

4.0 PLANNED ACTIVITIES

Following a review of the Stream Buffer Variance application, SEA was provided comments and has prepared our response, which is being submitted concurrently with this report. Part of the proposed remediation is the application of a chemical oxidant to address remaining soils not directly excavated. SEA will discuss the process and oxidant options with EPD prior to finalizing this portion of the remediation plan.

SEA anticipates that the excavation of the shallow, affected soils will occur during the next period. This will include under pining the building foundation, performing the stream bank restoration and the removal and disposal of both hazardous and non-hazardous soils. A portion of the soils will likely be hazardous based on a previous classification that was made during the March 2014 investigation and disposal, as well as on the additional investigation performed as part of the VRP application process. To the extent practicable, any soils exhibiting hazardous characteristics will be excavated, containerized and disposed of at a facility licensed to handle the waste. To the extent practicable, any remaining soils that have been affected by the release that are above the appropriate Risk Reduction Standard (RRS), will be excavated, placed in roll off containers and may be pre-treated prior to disposal as a non-hazardous waste.

Per discussion with EPD, evaluation of surface water impacts and further delineation of groundwater impacts and an evaluation groundwater remedial options will follow source removal activities. Depending on the timing of EPD's review and approval of the stream buffer variance request, these additional characterization activities may occur in the next semi-annual period or during subsequent periods. The site activities performed during this next period will be documented in a semi-annual progress report to be submitted by April 26, 2019.

5.0 VAPOR INTRUSION ASSESSMENT

The potential for vapor intrusion will be evaluated following source removal activities. Our evaluation will include modeling of the potential for exposure using site specific building and media inputs. The building is elevated on a series of concrete piers. In addition to the modeling, vapor samples may be taken from the crawl space to assess conditions beneath the floor slab. If warranted, vapor samples may also be taken from the occupied building interior.

6.0 MILESTONE SCHEDULE

The following milestone schedule outlines significant events as discussed above including historic and anticipated future events. The dates of future events may be accelerated based on the progress of the remedial measures taken.

Limited Phase II Investigation by S&ME	April 2013
Release Notification	May 30, 2013
Chemical Oxidation Pilot Study Injections	October 2013
Impacted Soil Removal	March 2014
Notification Addendum	March 28, 2014
Listing on HSI	March 9, 2015
Additional Investigation by EnviroForensics	April 2017
Additional Investigation by SEA	September 2017
VRP Application and VIRP submittal	October 31, 2017
VRP Application Acceptance Letter	April 26, 2018
Additional Remedial Measures	As warranted
VRP Semi-Annual Reports	October 2018 until October 2022
On site horizontal delineation	April 26, 2019
Off-site horizontal delineation	April 26, 2020
Vertical Delineation	October 26, 2020
VRP Compliance Status Report	April 2023

I certify, under penalty of law, that the enclosed electronic copy is complete, identical to the paper copy, and virus free.

If you have any questions or require any additional information, please contact us at your convenience.

Respectfully submitted,

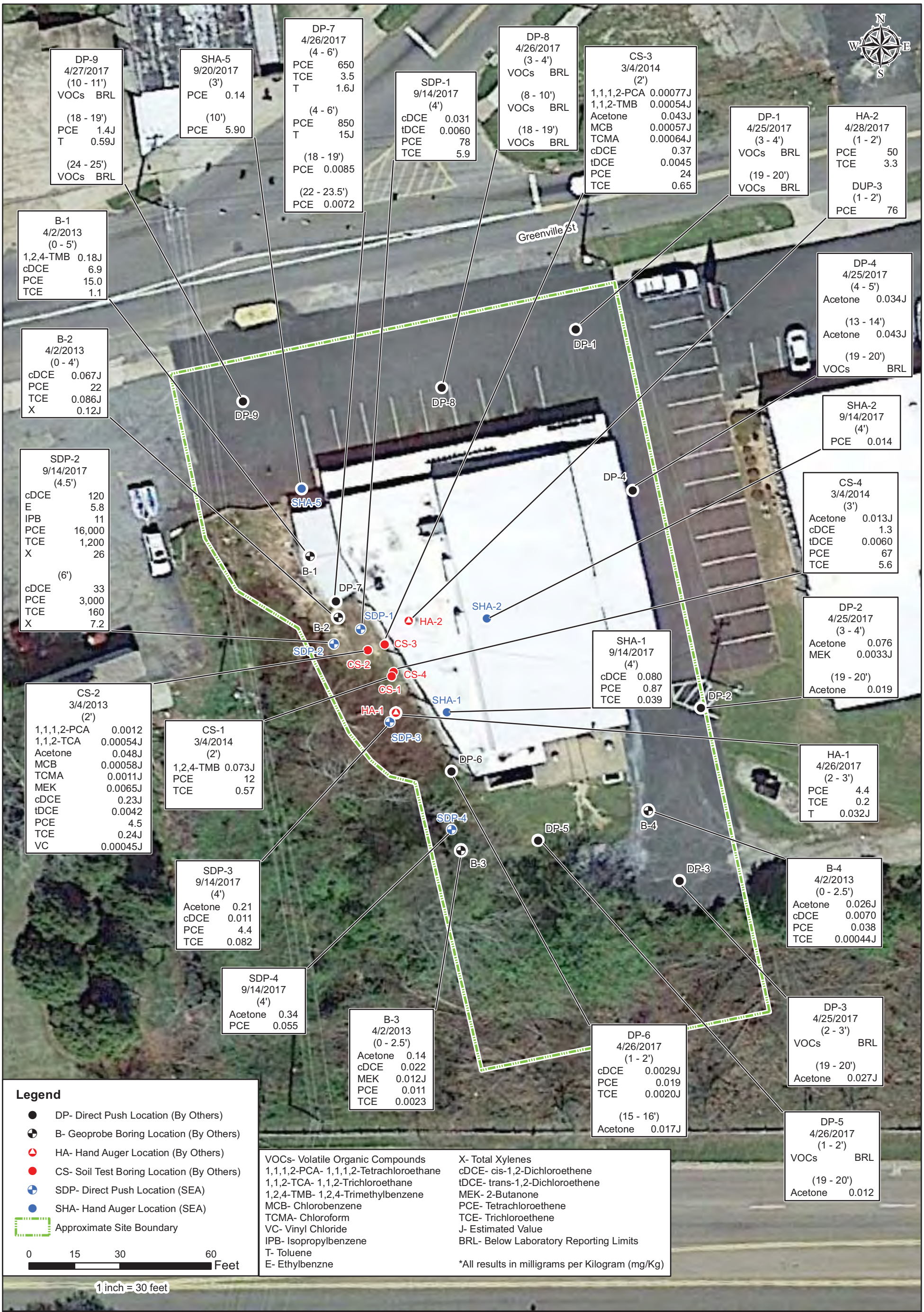
SAILORS ENGINEERING ASSOCIATES, INC.

Michael J Haller, P.G.
Manager, Environmental Engineering

cc: Mr. Lewis Goode

Appendix

Figures
Tables
Lab Data
Boring Logs
Summary of Professional Hours
Groundwater Scientist Certification Statement



Data Sources: 2017 aerial photography courtesy of Google Mapping Services

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SOIL IMPACT SUMMARY FIGURE 4

IDEAL CLEANERS

224 Greenville Street
LaGrange, Troup County, Georgia

Job No. 172-094

10/22/2018

Data Sources: 2017 aerial photography courtesy of Google Mapping Services

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GROUNDWATER IMPACT SUMMARY FIGURE 5

IDEAL CLEANERS

224 Greenville Street
LaGrange, Troup County, Georgia

Job No. 172-094

10/22/2018

Ideal Cleaners
224 Greenville Street
LaGrange, GA
HSI No. 10931
SEA Job Number: 172-094

Table 1- Comprehensive Soil Laboratory Results Summary

			TCL VOCs (mg/Kg)																SPLP VOCs (mg/L)	
Location	**Depth**	**Date**	**1,1,1,2-PCA**	**1,1,2-TCA**	**1,2,4-TMB**	**Acetone**	**Chlorobenzene**	**Chloroform**	**cDCE**	**tDCE**	**Ethylbenzene**	**Isopropylbenzene**	**MEK**	**PCE**	**TCE**	**Toluene**	**VC**	**Xylenes**	**PCE**	**TCE**
B-1	0-5'	4/1/2013	<0.46	<0.46	**0.18J**	<23.0	<0.46	<2.3	**6.9**	<0.46	<0.46	<0.46	<4.60	**15.0**	**1.1**	<2.3	<0.46	<1.4	NA	NA
B-2	0-4'	4/2/2013	<0.16	<0.16	<0.16	<8.1	<0.16	<0.16	**0.067J**	<0.16	<0.16	<0.16	<1.6	**22**	**0.086J**	<0.81	<0.16	**0.12J**	NA	NA
B-3	0-2.5'	4/2/2013	<0.0013	<0.0013	<0.0013	**0.14**	<0.0013	<0.0065	**0.022**	<0.0013	<0.0013	<0.0013	**0.012J**	**0.011**	**0.0023**	<0.0065	<0.0013	<0.0039	NA	NA
B-4	0-2.5'	4/2/2013	<0.0012	<0.0012	<0.0012	**0.026J**	<0.0012	<0.0060	**0.0070**	<0.0012	<0.0012	<0.0012	<0.012	**0.038**	**0.00044J**	<0.0060	<0.0012	<0.0036	NA	NA
CS-1	2'	3/4/2014	<0.26	<0.26	**0.073J**	<13.0	<0.26	<1.3	<0.26	<0.26	<0.26	<0.26	<2.6	**12**	**0.57**	<1.3	<0.26	<0.80	NA	NA
CS-2	2'	3/4/2014	**0.0012**	**0.00054J**	<0.0012	**0.048J**	**0.00058J**	**0.0011J**	**0.23J**	**0.0042**	<0.0012	<0.0012	**0.0065J**	**4.5**	**0.24J**	<0.0063	**0.00045J**	<0.0038	NA	NA
CS-3	2'	3/4/2014	**0.00077J**	<0.0014	**0.00054J**	**0.043J**	**0.00057J**	**0.00064J**	**0.37**	**0.0045**	<0.0014	<0.0014	<0.014	**24**	**0.65**	<0.0071	<0.0014	<0.0043	NA	NA
CS-4	3'	3/4/2014	<0.0012	<0.0012	<0.0012	**0.013J**	<0.0012	<0.0061	**1.3**	**0.0060**	<0.0012	<0.0012	<0.012	**67**	**5.6**	<0.0061	<0.0012	<0.0037	NA	NA
DP-1	3-4'	4/25/2017	NA	<0.0047	NA	<0.047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047	<0.023	<0.0047	<0.0047	<0.0047	<0.0047	<0.0093	NA	NA
	*19-20'	4/25/2017	NA	<0.0052	NA	<0.052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.026	<0.0052	<0.0052	<0.0052	<0.0052	<0.010	NA	NA
DP-2	3-4'	4/25/2017	NA	<0.0060	NA	**0.076**	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	**0.0033J**	<0.0060	<0.0060	<0.0060	<0.0060	<0.012	NA	NA
	*19-20'	4/25/2017	NA	<0.0056	NA	**0.019J**	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.0056	<0.028	<0.0056	<0.0056	<0.0056	<0.0056	<0.011	NA	NA
DP-3	2-3'	4/25/2017	NA	<0.0043	NA	<0.043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.0043	<0.021	<0.0043	<0.0043	<0.0043	<0.0043	<0.0086	NA	NA
	*19-20'	4/25/2017	NA	<0.0063	NA	**0.027J**	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063	<0.032	<0.0063	<0.0063	<0.0063	<0.0063	<0.013	NA	NA
DP-4	4-5'	4/25/2017	NA	<0.0054	NA	**0.034J**	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.027	<0.0054	<0.0054	<0.0054	<0.0054	<0.011	NA	NA
	*13-14'	4/25/2017	NA	<0.0059	NA	**0.043J**	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.029	<0.0059	<0.0059	<0.0059	<0.0059	<0.012	NA	NA
	*19-20'	4/25/2017	NA	<0.0066	NA	<0.066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.0066	<0.033	<0.0066	<0.0066	<0.0066	<0.0066	<0.013	NA	NA
DP-5	1-2'	4/26/2017	NA	<0.0049	NA	<0.049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049	<0.024	<0.0049	<0.0049	<0.0049	<0.0049	<0.0098	NA	NA
	*19-20'	4/26/2017	NA	<0.0052	NA	**0.012J**	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052	<0.026	<0.0052	<0.0052	<0.0052	<0.0052	<0.010	NA	NA
DP-6	1-2'	4/26/2017	NA	<0.0051	NA	<0.051	<0.0051	<0.0051	**0.0029J**	<0.0051	<0.0051	<0.0051	<0.026	**0.019**	**0.0020J**	<0.0051	<0.0051	<0.010	NA	NA
	*15-16'	4/26/2017	NA	<0.0050	NA	**0.017J**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.0050	<0.0050	<0.0050	<0.0099	NA	NA
DP-7	4-6'	4/26/2017	NA	<7.6	NA	<76	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<38	**650**	**3.5**	**1.6J**	<7.6	<15	NA	NA
	4-6' (DUP-1)	4/26/2017	NA	<73	NA	<730	<73	<73	<73	<73	<73	<73	<370	**850**	<73	**15J**	<73	<150	NA	NA
	*18-19'	4/26/2017	NA	<0.0039	NA	<0.039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.0039	<0.019	**0.0085**	<0.0039	<0.0039	<0.0039	<0.0077	NA	NA
	*22-23.5'	4/26/2017	NA	<0.0053	NA	<0.053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.027	**0.0072**	<0.0053	<0.0053	<0.0053	<0.011	NA	NA
DP-8	3-4'	4/26/2017	NA	<0.0059	NA	<0.059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.0059	<0.029	<0.0059	<0.0059	<0.0059	<0.0059	<0.012	NA	NA
	*8-10'	4/26/2017	NA	<0.0055	NA	<0.055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.028	<0.0055	<0.0055	<0.0055	<0.0055	<0.011	NA	NA
	*18-19'	4/26/2017	NA	<0.0057	NA	<0.057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.029	<0.0057	<0.0057	<0.0057	<0.0057	<0.011	NA	NA
DP-9	*10-11'	4/27/2017	NA	<0.0057	NA	<0.057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057	<0.028	<0.0057	<0.0057	<0.0057	<0.0057	<0.011	NA	NA
	*18-19'	4/27/2017	NA	<2.7	NA	<27	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<14	**1.4J**	<2.7	**0.59J**	<2.7	<5.5	NA	NA
	*24-25'	4/27/2017	NA	<0.0062	NA	<0.062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.0062	<0.031	<0.0062	<0.0062	<0.0062	<0.0062	<0.012	NA	NA
HA-1	2-3'	4/26/2017	NA	<0.190	NA	<1.9	<0.190	<0.190	<0.190	<0.190	<0.190	<0.190	<0.960	**4.4**	**0.2**	**0.032J**	<0.190	<0.390	NA	NA
HA-2	1-2'	4/28/2017	NA	<3.1	NA	<31	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<15	**50**	**3.3**	<3.1	<3.1	<6.2	NA	NA
	1-2' (DUP-3)	4/28/2017	NA	<5.6	NA	<56	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<28	**76**	<5.6	<5.6	<5.6	<11	NA	NA
SDP-1	4'	9/14/2017	<0.0051	<0.0051	NA	<0.10	<0.0051	<0.0051	**0.031**	**0.0060**	<0.0051	<0.0051	<0.051	**78**	**5.9**	<0.0051	<0.010	<0.0051	**0.074**	**0.006**
SDP-2	4.5'	9/14/2017	<3.0	<3.0	NA	<59	<3.0	<3.0	**120**	<3.0	**5.8**	**11**	<30	**16,000**	**1,200**	<3.0	<5.9	**26**	**79.000**	**13.000**
	*6'	9/14/2017	<2.5	<2.5	NA	<50	<2.5	<2.5	**33**	<2.5	<2.5	<2.5	<25	**3,000**	**160**	<2.5	<5.0	**7.2**	**75.000**	**8.100**
SDP-3	4'	9/14/2017	<0.0052	<0.0052	NA	**0.21**	<0.0052	<0.0052	**0.011**	<0.0052	<0.0052	<0.0052	<0.052	**4.4**	**0.082**	<0.0052	<0.010	<0.0052	**0.019**	<0.0050
SDP-4	4'	9/14/2017	<0.0046	<0.0046	NA	**0.34**	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.0046	<0.046	**0.055**	<0.0046	<0.0046	<0.0092	<0.0046	**0.0056**	<0.0050
SHA-1	4'	9/14/2017	<0.0054	<0.0054	NA	<0.11	<0.0054	<0.0054	**0.080**	<0.0054	<0.0054	<0.0054	<0.054	**0.87**	**0.039**	<0.0054	<0.011	<0.0054	**0.012**	<0.0050
SHA-2	4'	9/14/2017	<0.0051	<0.0051	NA	<0.10	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.051	**0.014**	<0.0051	<0.0051	<0.010	<0.0051	**0.790**	**0.026**
SHA-5	3'	9/20/2017	<0.0050	<0.0050	NA	<0.099	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.050	**0.14**	<0.0050	<0.0050	<0.0099	<0.0050	<0.0050	<0.0050
	*10'	9/20/2017	<0.24	<0.24	NA	<4.9	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<2.4	**5.90**	<0.24	<0.24	<0.49	<0.24	**0.100**	**0.0052**
Type 3 RRS			**1.03**	**0.5**	**NS**	**400**	**10**	**4.90 / 10**	**7**	**10**	**70**	**21.88**	**200**	**0.5**	**0.5**	**100**	**0.2**	**1000**		

Notes:

NA = Not Analyzed
NS = No Standard
NR = Not reported on Enviroforensics table
J = Estimated value
mg/Kg = milligrams per Kilogram
mg/L = milligrams per Liter
SDP & SHA = samples by SEA
* Sample was collected below the water table
Bold values are above laboratory reporting limits
Shaded values were removed during March 2014 soil excavation
Bold, highlighted values exceed the Type 3 RRS

VOCs = Volatile Organic Compounds
1,1,1,2-PCA = 1,1,1,2-Tetrachloroethane
1,1,2-TCA = 1,1,2-Trichloroethane
1,2,4-TMB = 1,2,4-Trimethylbenzene
cDCE = cis-1,2-Dichloroethene
PCE = Tetrachloroethene
tDCE = trans-1,2-Dichloroethene
TCE = Trichloroethene
VC = Vinyl Chloride
MEK = 2-Butanone

Ideal Cleaners
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LaGrange, GA
HSI No. 10931
SEA Job Number: 172-094

Table 2- Comprehensive Groundwater Laboratory Results Summary

		TCL VOCs (mg/L)											
Location	**Date**	**Acetone**	**Carbon Disulfide**	**Chloroform**	**1,1-DCE**	**cDCE**	**tDCE**	**Ethylbenzene**	**Isopropylbenzene**	**PCE**	**TCE**	**Vinyl Chloride**	**Xylenes**
B-2	4/2/2013	<1.2	NA	<0.120	<0.025	**0.280**	<0.025	<0.025	<0.025	**3.300**	**0.120**	**0.034**	<0.075
B-3	4/2/2013	<0.050	NA	<0.005	<0.001	**0.710**	**0.0028**	<0.001	<0.001	**0.018**	<0.001	**0.050**	<0.003
B-4	4/2/2013	<0.050	NA	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0013**	<0.001	<0.001	<0.003
DP-2 (9-19)	4/25/2017	<0.020	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003
DP-3 (13-18)	4/25/2017	**0.011J**	**0.0014J**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003
DP-4 (13-18)	4/26/2017	<0.020	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003
DP-5 (3-8)	4/26/2017	**0.015J**	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003
DP-5 (8-18) Dup	4/26/2017	<0.020	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003
DP-6 (4-5)	4/26/2017	<0.020	<0.002	<0.001	<0.001	**0.023**	<0.001	**0.0014**	**0.059**	**0.00099J**	<0.001	**0.013**	**0.00074J**
DP-7 (DUP-2)	4/26/2017	<40	<4.0	<2.0	<2.0	**2.400**	<2.0	<2.0	<2.0	**80.000**	**2.400**	<2.0	<6.0
DP-8 (13-17)	4/26/2017	<0.100	<0.010	<0.005	<0.005	**0.0079**	<0.005	<0.005	<0.005	**1.200**	**0.029**	<0.005	<0.015
DP-9 (20-23)	4/27/2017	<0.020	<0.002	<0.001	<0.001	**0.0029**	<0.001	<0.001	<0.001	**0.220**	**0.011**	<0.001	<0.003
HA-1 (4.5-5)	4/26/2017	<0.400	<0.040	<0.020	<0.020	**4.500**	**0.045**	<0.020	<0.020	**1.500**	**0.290**	**0.250**	<0.060
MW-1 (DP-1)	4/30/2017	<0.010	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-2 (DP-9)	4/30/2017	<0.010	<0.002	**0.0012**	<0.001	<0.001	<0.001	<0.001	<0.001	**0.0072**	<0.001	<0.001	<0.001
MW-3 (DP-3)	4/30/2017	<0.010	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
MW-4 (DP-7)	4/30/2017	<0.100	<0.020	<0.010	<0.010	**0.690**	**0.0080J**	<0.010	<0.010	**9.500**	**0.270**	**0.170**	<0.010
MW-4 (DUP 4)	4/30/2017	<0.100	<0.020	<0.010	<0.010	**0.840**	**0.0084J**	<0.010	<0.010	**10.000**	**0.280**	**0.140**	<0.010
MW-5 (DP-6)	4/30/2017	<0.020	<0.004	<0.002	**0.0013J**	**0.990**	**0.0045**	<0.002	<0.002	**0.036**	**0.037**	**0.210**	<0.002
Type 3 RRS		4	4	0.1	4	0.07	0.1	0.7	NL	0.005	0.005	0.002	10

Notes: mg/L - milligrams per liter
Samples from DP-2 through DP-9 and HA-1 are grab samples from direct push or hand auger probes.
Only detected compounds are listed.
NA - Not Analyzed
J - Estimated value
Highlighted values exceed Type 3 RRS

Ideal Cleaners
224 Greenville Street
LaGrange, GA
HSI No. 10931
SEA Job Number: 172-094

Table 3a- Delineation Standards - Soil

CAS Number	Constituent	Delineation Standard (mg/Kg)	Type 3 RRS (mg/Kg)	Highest Detected Concentration (mg/Kg)	Location	Depth (ft-bgs)
630-20-6	1,1,1,2-PCA	1.03	1.03	0.0012	CS-2	2'
79-00-5	1,1,2-TCA	0.5	0.5	0.00054J	CS-2	2'
95-63-6	1,2,4-TMB	Not Regulated Under HSRA		0.18J	B-1	0-5'
67-641	Acetone	400	400	0.34	SDP-4	4'
108-90-7	Chlorobenzene (MCB)	10	10	0.00058J	CS-2	2'
67-66-3	Chloroform (TCMA)	3.87	3.87	0.0011J	CS-2	2'
156-59-2	cDCE	7	7	120	SDP-2	4.5'
156-60-5	tDCE	10	10	0.0060	SDP-1	4'
					CS-4	3'
100-41-4	Ethylbenzene	70	70	5.8	SDP-2	4.5'
98-82-8	Isopropylbenzene (IPB)	21.88	21.88	11	SDP-2	4.5'
78-93-3	MEK	200	200	0.012J	B-3	0-2.5'
127-18-4	PCE	0.5	0.5	16,000	SDP-2	4.5'
79-01-6	TCE	0.5	0.5	1,200	SDP-2	4.5'
108-88-3	Toluene	100	100	15J	DP-7 (DUP-1)	4'-6'
75-01-4	Vinyl Chloride (VC)	0.2	0.2	0.00045J	CS-2	2'
1330-20-7	Xylenes	100	1000	26	SDP-2	4.5'

mg/Kg = milligrams per kilogram
ft-bgs = feet below ground surface
RRS = Risk Reduction Standard
*Delineation Standard is the default residential cleanup standard (Type1 RRS)
1,1,1,2-PCA = 1,1,1,2-Tetrachloroethane
1,1,2-TCA = 1,1,2-Trichloeoethane
1,2,4-TMB = 1,2,4-Trimethylbenzene
cDCE = cis-1,2-Dichloroethene
PCE = Tetrachloroethene
tDCE = trans-1,2-Dichloroethene
TCE = Trichloroethene
MEK = Methyl Ethyl Ketone (2-Butanone)
J = Estimated value
Highlighted values exceed the Delineation Standard

Ideal Cleaners
224 Greenville Street
LaGrange, GA
HSI No. 10931
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Table 3b - Delineation Standards - Groundwater

CAS Number	Constituent	Delineation Standard* (mg/L)	Type 3 RRS (mg/L)	Highest Detected Concentration (mg/L)	Location	Depth (ft-bgs)
67-64-1	Acetone	4	4	0.015J	DP-5	3'-8'
75-15-0	Carbon Disulfide	4	4	0.0014J	DP-3	13'-18'
67-66-3	Chloroform	0.1	0.1	0.0012	MW-2	N/A
75-35-4	1,1-DCE	0.007	0.007	0.0013J	MW-5	N/A
156-59-2	cDCE	0.07	0.07	4.500	HA-1	4.5'-5'
156-60-5	tDCE	0.1	0.1	0.045	HA-1	4.5'-5'
100-41-4	Ethylbenzene	0.7	0.7	0.0014	DP-6	4'-5'
98-82-8	Isopropylbenzene	NL	NL	0.059	DP-6	4'-5'
127-18-4	PCE	0.005	0.005	80.000	DP-7 (DUP-2)	12'-17'
79-01-6	TCE	0.005	0.005	2.400	DP-7 (DUP-2)	12'-17'
75-01-4	Vinyl Chloride	0.002	0.002	0.250	HA-1	4.5'-5'
1330-20-7	Xylenes	10	10	0.00074J	DP-6	4'-5'

mg/L = milligrams per liter
ft-bgs = feet below ground surface
RRS = Risk Reduction Standard
*Delineation Standard is the default residential cleanup standard (Type1 RRS)
1,1-DCE = 1,1-Dichloroethene
cDCE = cis-1,2-Dichloroethene
PCE = Tetrachloroethene
tDCE = trans-1,2-Dichloroethene
TCE = Trichloroethene
J = Estimated value
NL = Not Listed
Highlighted values exceed the Delineation Standard

Ideal Cleaners
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HSI No. 10931
SEA Job Number: 172-094

Table 4- Groundwater Elevation Summary

Location	Date	TOC Elevation (ft-msl)	Depth to Water from TOC (ft)	Screened Interval (ft-bgs)	Groundwater Elevation (ft-msl)
MW-1	4/30/2017	732.16	8.70	14-19	723.46
MW-2	4/30/2017	731.20	7.51	11-16	723.69
MW-3	4/30/2017	724.64	2.04	3-13	722.60
MW-4	4/30/2017	727.90	5.19	12-17	722.71
MW-5	4/30/2017	725.23	3.36	9-14	721.87

Notes: Data is from tables prepared by others.
TOC = Top of Casing
ft-msl = feet above mean sea level
ft-bgs = feet below ground surface

Ideal Cleaners
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LaGrange, GA
HSI No. 10931
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Table 5 - Well Construction Summary

Well No.	Well Status	Installed By	Ground Elevation (ft-msl)	TOC Elevation (ft-msl)	Total Boring Depth (ft-bgs)	Depth to Well Bottom from TOC (ft)	Casing Length (ft)	Screen Length (ft)	Screen Interval (ft-bgs)	Casing/Screen Material diameter (in)	Date Completed	Comment
MW-1 (DP-1)	Present	Enviroforensics	NA	732.16	20	19.62	NA	5	14-19	2" PVC	4/25/17	
MW-2 (DP-9)	Present	Enviroforensics	NA	731.20	25	16.11	NA	5	11-16	2" PVC	4/27/17	
MW-3 (DP-3)	Present	Enviroforensics	NA	724.64	20	13.02	NA	10	3-13	2" PVC	4/25/17	
MW-4 (DP-7)	Present	Enviroforensics	NA	727.90	23.5	17.15	NA	5	12-17	2" PVC	4/26/17	
MW-5 (DP-6)	Present	Enviroforensics	NA	925.23	20	13.71	NA	5	9-14	2" PVC	4/25/17	

TOC - Top of Casing
ft msl - feet above mean sea level
ft bgs - feet below ground surface
NA= Information Not Available

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-137928-1
Client Project/Site: Ideal Cleaners - LaGrange, GA

For:
Environmental Forensic Investigation Inc
Enviroforensics, Inc
825 N. Capitol Ave
Indianapolis, Indiana 46204

Attn: Mr. Casey McFall

Authorized for release by:
5/9/2017 2:52:28 PM

Eddie Barnett, Project Manager I
(912)354-7858
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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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.

Definitions/Glossary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-137928-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F2	MS/MSD RPD exceeds control limits
F1	MS and/or MSD Recovery is outside acceptance limits.
*	RPD of the LCS and LCSD exceeds the 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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Sample Summary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-137928-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-137928-1	6489-DP-1 (3-4)	Solid	04/25/17 11:30	04/26/17 09:10
680-137928-2	6489-DP-1 (19-20)	Solid	04/25/17 11:34	04/26/17 09:10
680-137928-4	6489-DP-2 (3-4)	Solid	04/25/17 15:05	04/26/17 09:10
680-137928-5	6489-DP-2 (19-20)	Solid	04/25/17 15:15	04/26/17 09:10
680-137928-6	6489-DP-2 (9-19)	Water	04/25/17 14:59	04/26/17 09:10
680-137928-7	6489-DP-3 (2-3)	Solid	04/25/17 16:42	04/26/17 09:10
680-137928-8	6489-DP-3 (19-20)	Solid	04/25/17 16:47	04/26/17 09:10
680-137928-10	6489-DP-3 (13-18)	Water	04/25/17 17:00	04/26/17 09:10
680-137928-11	6489-DP-4 (4-5)	Solid	04/25/17 18:10	04/26/17 09:10
680-137928-12	6489-DP-4 (13-14)	Solid	04/25/17 18:17	04/26/17 09:10
680-137928-13	6489-DP-4 (19-20)	Solid	04/25/17 18:24	04/26/17 09:10
680-137928-14	6489-TB	Water	04/25/17 00:00	04/26/17 09:10

Job ID: 680-137928-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE
Client: Environmental Forensic Investigation Inc
Project: Ideal Cleaners - LaGrange, GA

Report Number: 680-137928-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT
The samples were received on 04/26/2017; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 1.1º C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples 6489-DP-1 (3-4) (680-137928-1), 6489-DP-1 (19-20) (680-137928-2), 6489-DP-2 (3-4) (680-137928-4), 6489-DP-2 (19-20) (680-137928-5), 6489-DP-3 (2-3) (680-137928-7), 6489-DP-3 (19-20) (680-137928-8), 6489-DP-4 (4-5) (680-137928-11), 6489-DP-4 (13-14) (680-137928-12) and 6489-DP-4 (19-20) (680-137928-13) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 04/26/2017 and analyzed on 05/04/2017 and 05/05/2017.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 680-477445 and analytical batches 680-478515 and 680-478517.

Bromomethane exceeded the RPD limit for LCSD 680-478753/5. Refer to the QC report for details.

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

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples 6489-DP-2 (9-19) (680-137928-6), 6489-DP-3 (13-18) (680-137928-10) and 6489-TB (680-137928-14) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 05/08/2017 and 05/09/2017.

Methylene Chloride recovered outside the recovery criteria low for the MSD of sample 6489-DP-2 (9-19) MSD (680-137928-6) in batch 660-182601. Chloroethane exceeded the RPD limit. Refer to the QC report for details.

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

PERCENT SOLIDS/MOISTURE
Samples 6489-DP-1 (3-4) (680-137928-1), 6489-DP-1 (19-20) (680-137928-2), 6489-DP-2 (3-4) (680-137928-4), 6489-DP-2 (19-20) (680-137928-5), 6489-DP-3 (2-3) (680-137928-7), 6489-DP-3 (19-20) (680-137928-8), 6489-DP-4 (4-5) (680-137928-11), 6489-DP-4 (13-14) (680-137928-12) and 6489-DP-4 (19-20) (680-137928-13) were analyzed for Percent Solids/Moisture in accordance with TestAmerica SOP. The samples were analyzed on 04/28/2017.

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

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-137928-1

Client Sample ID: 6489-DP-1 (3-4)

Date Collected: 04/25/17 11:30
Date Received: 04/26/17 09:10

Lab Sample ID: 680-137928-1

Matrix: Solid
Percent Solids: 86.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	4.7	U	4.7	0.88	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Chloromethane	4.7	U	4.7	0.93	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Vinyl chloride	4.7	U	4.7	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Bromomethane	4.7	U	4.7	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Chloroethane	4.7	U	4.7	2.5	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Trichlorofluoromethane	4.7	U	4.7	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
1,1-Dichloroethene	4.7	U	4.7	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Acetone	47	U	47	10	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Carbon disulfide	4.7	U	4.7	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Methylene Chloride	4.7	U	4.7	0.92	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
trans-1,2-Dichloroethene	4.7	U	4.7	0.59	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Methyl tert-butyl ether	4.7	U	4.7	0.93	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
1,1-Dichloroethane	4.7	U	4.7	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
cis-1,2-Dichloroethene	4.7	U	4.7	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
2-Butanone (MEK)	23	U	23	2.2	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Chloroform	4.7	U	4.7	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
1,1,1-Trichloroethane	4.7	U	4.7	0.55	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Carbon tetrachloride	4.7	U	4.7	0.78	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Benzene	4.7	U	4.7	0.68	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
1,2-Dichloroethane	4.7	U	4.7	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Trichloroethene	4.7	U	4.7	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
1,2-Dichloropropane	4.7	U	4.7	0.80	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Bromodichloromethane	4.7	U	4.7	0.91	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
cis-1,3-Dichloropropene	4.7	U	4.7	0.78	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
4-Methyl-2-pentanone	23	U	23	3.9	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Toluene	4.7	U	4.7	0.78	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
trans-1,3-Dichloropropene	4.7	U	4.7	0.81	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
1,1,2-Trichloroethane	4.7	U	4.7	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Tetrachloroethene	4.7	U	4.7	1.8	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
2-Hexanone	23	U	23	3.1	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Dibromochloromethane	4.7	U	4.7	1.6	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
1,2-Dibromoethane	4.7	U	4.7	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Chlorobenzene	4.7	U	4.7	0.90	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Ethylbenzene	4.7	U	4.7	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Xylenes, Total	9.3	U	9.3	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Styrene	4.7	U	4.7	0.87	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Bromoform	4.7	U	4.7	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
Isopropylbenzene	4.7	U	4.7	1.8	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
1,1,2,2-Tetrachloroethane	4.7	U	4.7	1.5	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
1,3-Dichlorobenzene	4.7	U	4.7	1.5	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
1,4-Dichlorobenzene	4.7	U	4.7	0.69	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
1,2-Dichlorobenzene	4.7	U	4.7	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
1,2-Dibromo-3-Chloropropane	9.3	U	9.3	4.1	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1
1,2,4-Trichlorobenzene	4.7	U	4.7	0.83	ug/Kg	☼	04/26/17 12:14	05/04/17 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*70 - 130*	*04/26/17 12:14*	*05/04/17 19:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*126*		*70 - 130*	*04/26/17 12:14*	*05/04/17 19:13*	*1*
Dibromofluoromethane (Surr)	*122*		*70 - 130*	*04/26/17 12:14*	*05/04/17 19:13*	*1*

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-137928-1

Client Sample ID: 6489-DP-1 (3-4)

Date Collected: 04/25/17 11:30
Date Received: 04/26/17 09:10

Lab Sample ID: 680-137928-1

Matrix: Solid
Percent Solids: 86.8

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*04/26/17 12:14*	*05/04/17 19:13*	*1*

Client Sample ID: 6489-DP-1 (19-20)

Date Collected: 04/25/17 11:34
Date Received: 04/26/17 09:10

Lab Sample ID: 680-137928-2

Matrix: Solid
Percent Solids: 77.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.2	U	5.2	0.98	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Chloromethane	5.2	U	5.2	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Vinyl chloride	5.2	U	5.2	1.6	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Bromomethane	5.2	U	5.2	1.6	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Chloroethane	5.2	U	5.2	2.8	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Trichlorofluoromethane	5.2	U	5.2	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
1,1-Dichloroethene	5.2	U	5.2	1.6	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Acetone	52	U	52	11	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Carbon disulfide	5.2	U	5.2	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Methylene Chloride	5.2	U	5.2	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
trans-1,2-Dichloroethene	5.2	U	5.2	0.66	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Methyl tert-butyl ether	5.2	U	5.2	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
1,1-Dichloroethane	5.2	U	5.2	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
cis-1,2-Dichloroethene	5.2	U	5.2	1.5	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
2-Butanone (MEK)	26	U	26	2.5	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Chloroform	5.2	U	5.2	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
1,1,1-Trichloroethane	5.2	U	5.2	0.62	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Carbon tetrachloride	5.2	U	5.2	0.87	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Benzene	5.2	U	5.2	0.76	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
1,2-Dichloroethane	5.2	U	5.2	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Trichloroethene	5.2	U	5.2	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
1,2-Dichloropropane	5.2	U	5.2	0.90	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Bromodichloromethane	5.2	U	5.2	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
cis-1,3-Dichloropropene	5.2	U	5.2	0.87	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
4-Methyl-2-pentanone	26	U	26	4.4	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Toluene	5.2	U	5.2	0.88	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
trans-1,3-Dichloropropene	5.2	U	5.2	0.91	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
1,1,2-Trichloroethane	5.2	U	5.2	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Tetrachloroethene	5.2	U	5.2	2.0	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
2-Hexanone	26	U	26	3.4	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Dibromochloromethane	5.2	U	5.2	1.8	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
1,2-Dibromoethane	5.2	U	5.2	1.6	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Chlorobenzene	5.2	U	5.2	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Ethylbenzene	5.2	U	5.2	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Xylenes, Total	10	U	10	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Styrene	5.2	U	5.2	0.97	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Bromoform	5.2	U	5.2	1.6	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
Isopropylbenzene	5.2	U	5.2	2.0	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
1,1,2,2-Tetrachloroethane	5.2	U	5.2	1.7	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
1,3-Dichlorobenzene	5.2	U	5.2	1.7	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
1,4-Dichlorobenzene	5.2	U	5.2	0.77	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1

Client Sample ID: 6489-DP-1 (19-20)

Lab Sample ID: 680-137928-2
Date Collected: 04/25/17 11:34
Matrix: Solid
Date Received: 04/26/17 09:10
Percent Solids: 77.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	5.2	U	5.2	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
1,2-Dibromo-3-Chloropropane	10	U	10	4.6	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1
1,2,4-Trichlorobenzene	5.2	U	5.2	0.93	ug/Kg	☼	04/26/17 12:14	05/04/17 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*70 - 130*	*04/26/17 12:14*	*05/04/17 19:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*123*		*70 - 130*	*04/26/17 12:14*	*05/04/17 19:36*	*1*
Dibromofluoromethane (Surr)	*120*		*70 - 130*	*04/26/17 12:14*	*05/04/17 19:36*	*1*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*04/26/17 12:14*	*05/04/17 19:36*	*1*

Client Sample ID: 6489-DP-2 (3-4)

Lab Sample ID: 680-137928-4
Date Collected: 04/25/17 15:05
Matrix: Solid
Date Received: 04/26/17 09:10
Percent Solids: 79.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	6.0	U	6.0	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Chloromethane	6.0	U	6.0	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Vinyl chloride	6.0	U	6.0	1.8	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Bromomethane	6.0	U	6.0	1.8	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Chloroethane	6.0	U	6.0	3.2	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Trichlorofluoromethane	6.0	U	6.0	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
1,1-Dichloroethene	6.0	U	6.0	1.8	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Acetone	**76**		60	13	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Carbon disulfide	6.0	U	6.0	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Methylene Chloride	6.0	U	6.0	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
trans-1,2-Dichloroethene	6.0	U	6.0	0.75	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Methyl tert-butyl ether	6.0	U	6.0	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
1,1-Dichloroethane	6.0	U	6.0	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
cis-1,2-Dichloroethene	6.0	U	6.0	1.7	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
2-Butanone (MEK)	**3.3**	**J**	30	2.9	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Chloroform	6.0	U	6.0	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
1,1,1-Trichloroethane	6.0	U	6.0	0.70	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Carbon tetrachloride	6.0	U	6.0	0.99	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Benzene	6.0	U	6.0	0.87	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
1,2-Dichloroethane	6.0	U	6.0	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Trichloroethene	6.0	U	6.0	1.5	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
1,2-Dichloropropane	6.0	U	6.0	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Bromodichloromethane	6.0	U	6.0	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
cis-1,3-Dichloropropene	6.0	U	6.0	0.99	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
4-Methyl-2-pentanone	30	U	30	5.0	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Toluene	6.0	U	6.0	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
trans-1,3-Dichloropropene	6.0	U	6.0	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
1,1,2-Trichloroethane	6.0	U	6.0	1.5	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Tetrachloroethene	6.0	U	6.0	2.3	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
2-Hexanone	30	U	30	3.9	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Dibromochloromethane	6.0	U	6.0	2.0	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
1,2-Dibromoethane	6.0	U	6.0	1.8	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Chlorobenzene	6.0	U	6.0	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Ethylbenzene	6.0	U	6.0	1.5	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1

Client Sample ID: 6489-DP-2 (3-4)

Lab Sample ID: 680-137928-4
Date Collected: 04/25/17 15:05
Matrix: Solid
Date Received: 04/26/17 09:10
Percent Solids: 79.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	12	U	12	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Styrene	6.0	U	6.0	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Bromoform	6.0	U	6.0	1.8	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
Isopropylbenzene	6.0	U	6.0	2.3	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
1,1,2,2-Tetrachloroethane	6.0	U	6.0	1.9	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
1,3-Dichlorobenzene	6.0	U	6.0	1.9	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
1,4-Dichlorobenzene	6.0	U	6.0	0.88	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
1,2-Dichlorobenzene	6.0	U	6.0	1.5	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
1,2-Dibromo-3-Chloropropane	12	U	12	5.2	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1
1,2,4-Trichlorobenzene	6.0	U	6.0	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*70 - 130*	*04/26/17 12:14*	*05/04/17 16:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*04/26/17 12:14*	*05/04/17 16:58*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*04/26/17 12:14*	*05/04/17 16:58*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/26/17 12:14*	*05/04/17 16:58*	*1*

Client Sample ID: 6489-DP-2 (19-20)

Lab Sample ID: 680-137928-5
Date Collected: 04/25/17 15:15
Matrix: Solid
Date Received: 04/26/17 09:10
Percent Solids: 71.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.6	U	5.6	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Chloromethane	5.6	U	5.6	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Vinyl chloride	5.6	U	5.6	1.7	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Bromomethane	5.6	U	5.6	1.7	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Chloroethane	5.6	U	5.6	3.0	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Trichlorofluoromethane	5.6	U	5.6	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
1,1-Dichloroethene	5.6	U	5.6	1.7	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Acetone	**19**	**J**	56	12	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Carbon disulfide	5.6	U	5.6	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Methylene Chloride	5.6	U	5.6	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
trans-1,2-Dichloroethene	5.6	U	5.6	0.70	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Methyl tert-butyl ether	5.6	U	5.6	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
1,1-Dichloroethane	5.6	U	5.6	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
cis-1,2-Dichloroethene	5.6	U	5.6	1.6	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
2-Butanone (MEK)	28	U	28	2.7	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Chloroform	5.6	U	5.6	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
1,1,1-Trichloroethane	5.6	U	5.6	0.66	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Carbon tetrachloride	5.6	U	5.6	0.92	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Benzene	5.6	U	5.6	0.81	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
1,2-Dichloroethane	5.6	U	5.6	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Trichloroethene	5.6	U	5.6	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
1,2-Dichloropropane	5.6	U	5.6	0.96	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Bromodichloromethane	5.6	U	5.6	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
cis-1,3-Dichloropropene	5.6	U	5.6	0.92	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
4-Methyl-2-pentanone	28	U	28	4.7	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Toluene	5.6	U	5.6	0.93	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
trans-1,3-Dichloropropene	5.6	U	5.6	0.97	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1

Client Sample ID: 6489-DP-2 (19-20)

Lab Sample ID: 680-137928-5
Date Collected: 04/25/17 15:15
Matrix: Solid
Date Received: 04/26/17 09:10
Percent Solids: 71.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	5.6	U	5.6	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Tetrachloroethene	5.6	U	5.6	2.1	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
2-Hexanone	28	U	28	3.7	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Dibromochloromethane	5.6	U	5.6	1.9	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
1,2-Dibromoethane	5.6	U	5.6	1.7	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Chlorobenzene	5.6	U	5.6	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Ethylbenzene	5.6	U	5.6	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Xylenes, Total	11	U	11	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Styrene	5.6	U	5.6	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Bromoform	5.6	U	5.6	1.7	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
Isopropylbenzene	5.6	U	5.6	2.1	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
1,1,2,2-Tetrachloroethane	5.6	U	5.6	1.8	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
1,3-Dichlorobenzene	5.6	U	5.6	1.8	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
1,4-Dichlorobenzene	5.6	U	5.6	0.82	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
1,2-Dichlorobenzene	5.6	U	5.6	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
1,2-Dibromo-3-Chloropropane	11	U	11	4.9	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1
1,2,4-Trichlorobenzene	5.6	U	5.6	0.99	ug/Kg	☼	04/26/17 12:14	05/04/17 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*70 - 130*	*04/26/17 12:14*	*05/04/17 17:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*	*04/26/17 12:14*	*05/04/17 17:22*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*04/26/17 12:14*	*05/04/17 17:22*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/26/17 12:14*	*05/04/17 17:22*	*1*

Client Sample ID: 6489-DP-2 (9-19)

Lab Sample ID: 680-137928-6
Date Collected: 04/25/17 14:59
Matrix: Water
Date Received: 04/26/17 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	9.9	ug/L			05/08/17 23:29	1
Benzene	1.0	U	1.0	0.50	ug/L			05/08/17 23:29	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/08/17 23:29	1
Bromoform	1.0	U	1.0	0.63	ug/L			05/08/17 23:29	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/08/17 23:29	1
2-Butanone (MEK)	10	U	10	8.4	ug/L			05/08/17 23:29	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/08/17 23:29	1
Carbon tetrachloride	1.0	U	1.0	0.43	ug/L			05/08/17 23:29	1
Chlorobenzene	1.0	U	1.0	0.63	ug/L			05/08/17 23:29	1
Chloroethane	5.0	U F2	5.0	2.5	ug/L			05/08/17 23:29	1
Chloroform	1.0	U	1.0	0.90	ug/L			05/08/17 23:29	1
Chloromethane	4.0	U	4.0	1.0	ug/L			05/08/17 23:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.65	ug/L			05/08/17 23:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.39	ug/L			05/08/17 23:29	1
Dibromochloromethane	1.0	U	1.0	0.31	ug/L			05/08/17 23:29	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.5	ug/L			05/08/17 23:29	1
1,2-Dibromoethane	1.0	U	1.0	0.50	ug/L			05/08/17 23:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.49	ug/L			05/08/17 23:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.64	ug/L			05/08/17 23:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.60	ug/L			05/08/17 23:29	1

Client Sample ID: 6489-DP-2 (9-19)

Lab Sample ID: 680-137928-6
Date Collected: 04/25/17 14:59
Matrix: Water
Date Received: 04/26/17 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.0	U	5.0	2.5	ug/L			05/08/17 23:29	1
1,1-Dichloroethane	1.0	U	1.0	0.52	ug/L			05/08/17 23:29	1
1,2-Dichloroethane	1.0	U	1.0	0.57	ug/L			05/08/17 23:29	1
1,1-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/08/17 23:29	1
1,2-Dichloropropane	1.0	U	1.0	0.52	ug/L			05/08/17 23:29	1
Ethylbenzene	1.0	U	1.0	0.44	ug/L			05/08/17 23:29	1
2-Hexanone	10	U	10	4.4	ug/L			05/08/17 23:29	1
Isopropylbenzene	1.0	U	1.0	0.52	ug/L			05/08/17 23:29	1
Methylene Chloride	10	U F1	10	5.0	ug/L			05/08/17 23:29	1
4-Methyl-2-pentanone	10	U	10	4.0	ug/L			05/08/17 23:29	1
Methyl tert-butyl ether	1.0	U	1.0	0.44	ug/L			05/08/17 23:29	1
Styrene	2.0	U	2.0	0.98	ug/L			05/08/17 23:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.17	ug/L			05/08/17 23:29	1
Tetrachloroethene	1.0	U	1.0	0.50	ug/L			05/08/17 23:29	1
Toluene	1.0	U	1.0	0.51	ug/L			05/08/17 23:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/08/17 23:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.27	ug/L			05/08/17 23:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.58	ug/L			05/08/17 23:29	1
1,1,1-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/08/17 23:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/08/17 23:29	1
Trichloroethene	1.0	U	1.0	0.61	ug/L			05/08/17 23:29	1
Trichlorofluoromethane	5.0	U	5.0	2.5	ug/L			05/08/17 23:29	1
Vinyl chloride	1.0	U	1.0	0.71	ug/L			05/08/17 23:29	1
Xylenes, Total	3.0	U	3.0	0.50	ug/L			05/08/17 23:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*70 - 130*		*05/08/17 23:29*	*1*

Client Sample ID: 6489-DP-3 (2-3)

Lab Sample ID: 680-137928-7
Date Collected: 04/25/17 16:42
Matrix: Solid
Date Received: 04/26/17 09:10
Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	4.3	U	4.3	0.81	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Chloromethane	4.3	U	4.3	0.86	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Vinyl chloride	4.3	U	4.3	1.3	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Bromomethane	4.3	U *	4.3	1.3	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Chloroethane	4.3	U	4.3	2.3	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Trichlorofluoromethane	4.3	U	4.3	1.0	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
1,1-Dichloroethene	4.3	U	4.3	1.3	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Acetone	43	U	43	9.5	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Carbon disulfide	4.3	U	4.3	0.95	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Methylene Chloride	4.3	U	4.3	0.84	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
trans-1,2-Dichloroethene	4.3	U	4.3	0.54	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Methyl tert-butyl ether	4.3	U	4.3	0.86	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
1,1-Dichloroethane	4.3	U	4.3	0.95	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
cis-1,2-Dichloroethene	4.3	U	4.3	1.2	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
2-Butanone (MEK)	21	U	21	2.1	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Chloroform	4.3	U	4.3	0.95	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1

Client Sample ID: 6489-DP-3 (2-3)

Lab Sample ID: 680-137928-7
Date Collected: 04/25/17 16:42
Matrix: Solid
Date Received: 04/26/17 09:10
Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	4.3	U	4.3	0.51	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Carbon tetrachloride	4.3	U	4.3	0.71	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Benzene	4.3	U	4.3	0.63	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
1,2-Dichloroethane	4.3	U	4.3	0.95	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Trichloroethene	4.3	U	4.3	1.1	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
1,2-Dichloropropane	4.3	U	4.3	0.74	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Bromodichloromethane	4.3	U	4.3	0.83	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
cis-1,3-Dichloropropene	4.3	U	4.3	0.71	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
4-Methyl-2-pentanone	21	U	21	3.6	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Toluene	4.3	U	4.3	0.72	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
trans-1,3-Dichloropropene	4.3	U	4.3	0.75	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
1,1,2-Trichloroethane	4.3	U	4.3	1.1	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Tetrachloroethene	4.3	U	4.3	1.6	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
2-Hexanone	21	U	21	2.8	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Dibromochloromethane	4.3	U	4.3	1.5	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
1,2-Dibromoethane	4.3	U	4.3	1.3	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Chlorobenzene	4.3	U	4.3	0.83	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Ethylbenzene	4.3	U	4.3	1.1	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Xylenes, Total	8.6	U	8.6	0.95	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Styrene	4.3	U	4.3	0.80	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Bromoform	4.3	U	4.3	1.3	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
Isopropylbenzene	4.3	U	4.3	1.6	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
1,1,2,2-Tetrachloroethane	4.3	U	4.3	1.4	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
1,3-Dichlorobenzene	4.3	U	4.3	1.4	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
1,4-Dichlorobenzene	4.3	U	4.3	0.64	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
1,2-Dichlorobenzene	4.3	U	4.3	1.1	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
1,2-Dibromo-3-Chloropropane	8.6	U	8.6	3.8	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1
1,2,4-Trichlorobenzene	4.3	U	4.3	0.76	ug/Kg	☼	04/26/17 12:14	05/05/17 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*70 - 130*	*04/26/17 12:14*	*05/05/17 16:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 130*	*04/26/17 12:14*	*05/05/17 16:37*	*1*
Dibromofluoromethane (Surr)	*121*		*70 - 130*	*04/26/17 12:14*	*05/05/17 16:37*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*04/26/17 12:14*	*05/05/17 16:37*	*1*

Client Sample ID: 6489-DP-3 (19-20)

Lab Sample ID: 680-137928-8
Date Collected: 04/25/17 16:47
Matrix: Solid
Date Received: 04/26/17 09:10
Percent Solids: 82.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	6.3	U	6.3	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Chloromethane	6.3	U	6.3	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Vinyl chloride	6.3	U	6.3	1.9	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Bromomethane	6.3	U	6.3	1.9	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Chloroethane	6.3	U	6.3	3.4	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Trichlorofluoromethane	6.3	U	6.3	1.5	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
1,1-Dichloroethene	6.3	U	6.3	1.9	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Acetone	**27**	**J**	63	14	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Carbon disulfide	6.3	U	6.3	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1

Client Sample ID: 6489-DP-3 (19-20)

Lab Sample ID: 680-137928-8

Date Collected: 04/25/17 16:47
Date Received: 04/26/17 09:10

Matrix: Solid
Percent Solids: 82.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	6.3	U	6.3	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
trans-1,2-Dichloroethene	6.3	U	6.3	0.80	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Methyl tert-butyl ether	6.3	U	6.3	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
1,1-Dichloroethane	6.3	U	6.3	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
cis-1,2-Dichloroethene	6.3	U	6.3	1.8	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
2-Butanone (MEK)	32	U	32	3.0	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Chloroform	6.3	U	6.3	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
1,1,1-Trichloroethane	6.3	U	6.3	0.74	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Carbon tetrachloride	6.3	U	6.3	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Benzene	6.3	U	6.3	0.92	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
1,2-Dichloroethane	6.3	U	6.3	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Trichloroethene	6.3	U	6.3	1.6	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
1,2-Dichloropropane	6.3	U	6.3	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Bromodichloromethane	6.3	U	6.3	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
cis-1,3-Dichloropropene	6.3	U	6.3	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
4-Methyl-2-pentanone	32	U	32	5.3	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Toluene	6.3	U	6.3	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
trans-1,3-Dichloropropene	6.3	U	6.3	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
1,1,2-Trichloroethane	6.3	U	6.3	1.6	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Tetrachloroethene	6.3	U	6.3	2.4	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
2-Hexanone	32	U	32	4.2	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Dibromochloromethane	6.3	U	6.3	2.1	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
1,2-Dibromoethane	6.3	U	6.3	1.9	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Chlorobenzene	6.3	U	6.3	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Ethylbenzene	6.3	U	6.3	1.6	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Xylenes, Total	13	U	13	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Styrene	6.3	U	6.3	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Bromoform	6.3	U	6.3	1.9	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
Isopropylbenzene	6.3	U	6.3	2.4	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
1,1,2,2-Tetrachloroethane	6.3	U	6.3	2.0	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
1,3-Dichlorobenzene	6.3	U	6.3	2.0	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
1,4-Dichlorobenzene	6.3	U	6.3	0.93	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
1,2-Dichlorobenzene	6.3	U	6.3	1.6	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
1,2-Dibromo-3-Chloropropane	13	U	13	5.6	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1
1,2,4-Trichlorobenzene	6.3	U	6.3	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*70 - 130*	*04/26/17 12:14*	*05/04/17 18:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*	*04/26/17 12:14*	*05/04/17 18:08*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*04/26/17 12:14*	*05/04/17 18:08*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*04/26/17 12:14*	*05/04/17 18:08*	*1*

Client Sample ID: 6489-DP-3 (13-18)

Lab Sample ID: 680-137928-10

Date Collected: 04/25/17 17:00
Date Received: 04/26/17 09:10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**11**	**J**	20	9.9	ug/L			05/09/17 01:07	1
Benzene	1.0	U	1.0	0.50	ug/L			05/09/17 01:07	1

Client Sample ID: 6489-DP-3 (13-18)

Lab Sample ID: 680-137928-10

Date Collected: 04/25/17 17:00

Matrix: Water

Date Received: 04/26/17 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/09/17 01:07	1
Bromoform	1.0	U	1.0	0.63	ug/L			05/09/17 01:07	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/09/17 01:07	1
2-Butanone (MEK)	10	U	10	8.4	ug/L			05/09/17 01:07	1
Carbon disulfide	**1.4**	**J**	2.0	1.0	ug/L			05/09/17 01:07	1
Carbon tetrachloride	1.0	U	1.0	0.43	ug/L			05/09/17 01:07	1
Chlorobenzene	1.0	U	1.0	0.63	ug/L			05/09/17 01:07	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/09/17 01:07	1
Chloroform	1.0	U	1.0	0.90	ug/L			05/09/17 01:07	1
Chloromethane	4.0	U	4.0	1.0	ug/L			05/09/17 01:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.65	ug/L			05/09/17 01:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.39	ug/L			05/09/17 01:07	1
Dibromochloromethane	1.0	U	1.0	0.31	ug/L			05/09/17 01:07	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.5	ug/L			05/09/17 01:07	1
1,2-Dibromoethane	1.0	U	1.0	0.50	ug/L			05/09/17 01:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.49	ug/L			05/09/17 01:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.64	ug/L			05/09/17 01:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.60	ug/L			05/09/17 01:07	1
Dichlorodifluoromethane	5.0	U	5.0	2.5	ug/L			05/09/17 01:07	1
1,1-Dichloroethane	1.0	U	1.0	0.52	ug/L			05/09/17 01:07	1
1,2-Dichloroethane	1.0	U	1.0	0.57	ug/L			05/09/17 01:07	1
1,1-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/09/17 01:07	1
1,2-Dichloropropane	1.0	U	1.0	0.52	ug/L			05/09/17 01:07	1
Ethylbenzene	1.0	U	1.0	0.44	ug/L			05/09/17 01:07	1
2-Hexanone	10	U	10	4.4	ug/L			05/09/17 01:07	1
Isopropylbenzene	1.0	U	1.0	0.52	ug/L			05/09/17 01:07	1
Methylene Chloride	10	U	10	5.0	ug/L			05/09/17 01:07	1
4-Methyl-2-pentanone	10	U	10	4.0	ug/L			05/09/17 01:07	1
Methyl tert-butyl ether	1.0	U	1.0	0.44	ug/L			05/09/17 01:07	1
Styrene	2.0	U	2.0	0.98	ug/L			05/09/17 01:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.17	ug/L			05/09/17 01:07	1
Tetrachloroethene	1.0	U	1.0	0.50	ug/L			05/09/17 01:07	1
Toluene	1.0	U	1.0	0.51	ug/L			05/09/17 01:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/09/17 01:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.27	ug/L			05/09/17 01:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.58	ug/L			05/09/17 01:07	1
1,1,1-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/09/17 01:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/09/17 01:07	1
Trichloroethene	1.0	U	1.0	0.61	ug/L			05/09/17 01:07	1
Trichlorofluoromethane	5.0	U	5.0	2.5	ug/L			05/09/17 01:07	1
Vinyl chloride	1.0	U	1.0	0.71	ug/L			05/09/17 01:07	1
Xylenes, Total	3.0	U	3.0	0.50	ug/L			05/09/17 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*70 - 130*		*05/09/17 01:07*	*1*

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-137928-1

Client Sample ID: 6489-DP-4 (4-5)

Date Collected: 04/25/17 18:10
Date Received: 04/26/17 09:10

Lab Sample ID: 680-137928-11

Matrix: Solid
Percent Solids: 72.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.4	U	5.4	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Chloromethane	5.4	U	5.4	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Vinyl chloride	5.4	U	5.4	1.6	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Bromomethane	5.4	U	5.4	1.6	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Chloroethane	5.4	U	5.4	2.9	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Trichlorofluoromethane	5.4	U	5.4	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
1,1-Dichloroethene	5.4	U	5.4	1.6	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Acetone	**34**	**J**	54	12	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Carbon disulfide	5.4	U	5.4	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Methylene Chloride	5.4	U	5.4	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
trans-1,2-Dichloroethene	5.4	U	5.4	0.68	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Methyl tert-butyl ether	5.4	U	5.4	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
1,1-Dichloroethane	5.4	U	5.4	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
cis-1,2-Dichloroethene	5.4	U	5.4	1.5	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
2-Butanone (MEK)	27	U	27	2.6	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Chloroform	5.4	U	5.4	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
1,1,1-Trichloroethane	5.4	U	5.4	0.64	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Carbon tetrachloride	5.4	U	5.4	0.90	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Benzene	5.4	U	5.4	0.79	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
1,2-Dichloroethane	5.4	U	5.4	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Trichloroethene	5.4	U	5.4	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
1,2-Dichloropropane	5.4	U	5.4	0.93	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Bromodichloromethane	5.4	U	5.4	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
cis-1,3-Dichloropropene	5.4	U	5.4	0.90	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
4-Methyl-2-pentanone	27	U	27	4.5	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Toluene	5.4	U	5.4	0.91	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
trans-1,3-Dichloropropene	5.4	U	5.4	0.94	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
1,1,2-Trichloroethane	5.4	U	5.4	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Tetrachloroethene	5.4	U	5.4	2.0	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
2-Hexanone	27	U	27	3.6	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Dibromochloromethane	5.4	U	5.4	1.8	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
1,2-Dibromoethane	5.4	U	5.4	1.6	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Chlorobenzene	5.4	U	5.4	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Ethylbenzene	5.4	U	5.4	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Xylenes, Total	11	U	11	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Styrene	5.4	U	5.4	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Bromoform	5.4	U	5.4	1.6	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
Isopropylbenzene	5.4	U	5.4	2.0	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
1,1,2,2-Tetrachloroethane	5.4	U	5.4	1.7	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
1,3-Dichlorobenzene	5.4	U	5.4	1.7	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
1,4-Dichlorobenzene	5.4	U	5.4	0.80	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
1,2-Dichlorobenzene	5.4	U	5.4	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
1,2-Dibromo-3-Chloropropane	11	U	11	4.7	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1
1,2,4-Trichlorobenzene	5.4	U	5.4	0.96	ug/Kg	☼	04/26/17 12:14	05/04/17 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*70 - 130*	*04/26/17 12:14*	*05/04/17 18:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*04/26/17 12:14*	*05/04/17 18:32*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*04/26/17 12:14*	*05/04/17 18:32*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/26/17 12:14*	*05/04/17 18:32*	*1*

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-137928-1

Client Sample ID: 6489-DP-4 (13-14)

Date Collected: 04/25/17 18:17
Date Received: 04/26/17 09:10

Lab Sample ID: 680-137928-12

Matrix: Solid
Percent Solids: 71.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.9	U	5.9	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Chloromethane	5.9	U	5.9	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Vinyl chloride	5.9	U	5.9	1.8	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Bromomethane	5.9	U	5.9	1.8	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Chloroethane	5.9	U	5.9	3.2	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Trichlorofluoromethane	5.9	U	5.9	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
1,1-Dichloroethene	5.9	U	5.9	1.8	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Acetone	**43**	**J**	59	13	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Carbon disulfide	5.9	U	5.9	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Methylene Chloride	5.9	U	5.9	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
trans-1,2-Dichloroethene	5.9	U	5.9	0.74	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Methyl tert-butyl ether	5.9	U	5.9	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
1,1-Dichloroethane	5.9	U	5.9	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
cis-1,2-Dichloroethene	5.9	U	5.9	1.6	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
2-Butanone (MEK)	29	U	29	2.8	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Chloroform	5.9	U	5.9	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
1,1,1-Trichloroethane	5.9	U	5.9	0.69	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Carbon tetrachloride	5.9	U	5.9	0.98	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Benzene	5.9	U	5.9	0.86	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
1,2-Dichloroethane	5.9	U	5.9	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Trichloroethene	5.9	U	5.9	1.5	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
1,2-Dichloropropane	5.9	U	5.9	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Bromodichloromethane	5.9	U	5.9	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
cis-1,3-Dichloropropene	5.9	U	5.9	0.98	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
4-Methyl-2-pentanone	29	U	29	4.9	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Toluene	5.9	U	5.9	0.99	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
trans-1,3-Dichloropropene	5.9	U	5.9	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
1,1,2-Trichloroethane	5.9	U	5.9	1.5	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Tetrachloroethene	5.9	U	5.9	2.2	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
2-Hexanone	29	U	29	3.9	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Dibromochloromethane	5.9	U	5.9	2.0	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
1,2-Dibromoethane	5.9	U	5.9	1.8	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Chlorobenzene	5.9	U	5.9	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Ethylbenzene	5.9	U	5.9	1.5	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Xylenes, Total	12	U	12	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Styrene	5.9	U	5.9	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Bromoform	5.9	U	5.9	1.8	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
Isopropylbenzene	5.9	U	5.9	2.2	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
1,1,2,2-Tetrachloroethane	5.9	U	5.9	1.9	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
1,3-Dichlorobenzene	5.9	U	5.9	1.9	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
1,4-Dichlorobenzene	5.9	U	5.9	0.87	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
1,2-Dichlorobenzene	5.9	U	5.9	1.5	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
1,2-Dibromo-3-Chloropropane	12	U	12	5.2	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1
1,2,4-Trichlorobenzene	5.9	U	5.9	1.0	ug/Kg	☼	04/26/17 12:14	05/04/17 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*70 - 130*	*04/26/17 12:14*	*05/04/17 18:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*	*04/26/17 12:14*	*05/04/17 18:55*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*	*04/26/17 12:14*	*05/04/17 18:55*	*1*

Client Sample ID: 6489-DP-4 (13-14)

Lab Sample ID: 680-137928-12

Date Collected: 04/25/17 18:17
Date Received: 04/26/17 09:10
Matrix: Solid
Percent Solids: 71.8

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/26/17 12:14	05/04/17 18:55	1

Client Sample ID: 6489-DP-4 (19-20)

Lab Sample ID: 680-137928-13

Date Collected: 04/25/17 18:24
Date Received: 04/26/17 09:10
Matrix: Solid
Percent Solids: 67.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	6.6	U	6.6	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Chloromethane	6.6	U	6.6	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Vinyl chloride	6.6	U	6.6	2.0	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Bromomethane	6.6	U	6.6	2.0	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Chloroethane	6.6	U	6.6	3.6	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Trichlorofluoromethane	6.6	U	6.6	1.6	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
1,1-Dichloroethene	6.6	U	6.6	2.0	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Acetone	66	U	66	14	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Carbon disulfide	6.6	U	6.6	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Methylene Chloride	6.6	U	6.6	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
trans-1,2-Dichloroethene	6.6	U	6.6	0.83	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Methyl tert-butyl ether	6.6	U	6.6	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
1,1-Dichloroethane	6.6	U	6.6	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
cis-1,2-Dichloroethene	6.6	U	6.6	1.8	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
2-Butanone (MEK)	33	U	33	3.2	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Chloroform	6.6	U	6.6	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
1,1,1-Trichloroethane	6.6	U	6.6	0.78	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Carbon tetrachloride	6.6	U	6.6	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Benzene	6.6	U	6.6	0.96	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
1,2-Dichloroethane	6.6	U	6.6	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Trichloroethene	6.6	U	6.6	1.7	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
1,2-Dichloropropane	6.6	U	6.6	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Bromodichloromethane	6.6	U	6.6	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
cis-1,3-Dichloropropene	6.6	U	6.6	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
4-Methyl-2-pentanone	33	U	33	5.5	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Toluene	6.6	U	6.6	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
trans-1,3-Dichloropropene	6.6	U	6.6	1.1	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
1,1,2-Trichloroethane	6.6	U	6.6	1.7	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Tetrachloroethene	6.6	U	6.6	2.5	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
2-Hexanone	33	U	33	4.3	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Dibromochloromethane	6.6	U	6.6	2.2	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
1,2-Dibromoethane	6.6	U	6.6	2.0	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Chlorobenzene	6.6	U	6.6	1.3	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Ethylbenzene	6.6	U	6.6	1.7	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Xylenes, Total	13	U	13	1.4	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Styrene	6.6	U	6.6	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Bromoform	6.6	U	6.6	2.0	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
Isopropylbenzene	6.6	U	6.6	2.5	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
1,1,2,2-Tetrachloroethane	6.6	U	6.6	2.1	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
1,3-Dichlorobenzene	6.6	U	6.6	2.1	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
1,4-Dichlorobenzene	6.6	U	6.6	0.97	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1

Client Sample ID: 6489-DP-4 (19-20)

Lab Sample ID: 680-137928-13

Date Collected: 04/25/17 18:24
Date Received: 04/26/17 09:10
Matrix: Solid
Percent Solids: 67.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	6.6	U	6.6	1.7	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
1,2-Dibromo-3-Chloropropane	13	U	13	5.8	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1
1,2,4-Trichlorobenzene	6.6	U	6.6	1.2	ug/Kg	☼	04/26/17 12:14	05/04/17 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*70 - 130*	*04/26/17 12:14*	*05/04/17 19:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*	*04/26/17 12:14*	*05/04/17 19:18*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*04/26/17 12:14*	*05/04/17 19:18*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*04/26/17 12:14*	*05/04/17 19:18*	*1*

Client Sample ID: 6489-TB

Lab Sample ID: 680-137928-14

Date Collected: 04/25/17 00:00
Date Received: 04/26/17 09:10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	9.9	ug/L			05/09/17 00:49	1
Benzene	1.0	U	1.0	0.50	ug/L			05/09/17 00:49	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/09/17 00:49	1
Bromoform	1.0	U	1.0	0.63	ug/L			05/09/17 00:49	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/09/17 00:49	1
2-Butanone (MEK)	10	U	10	8.4	ug/L			05/09/17 00:49	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/09/17 00:49	1
Carbon tetrachloride	1.0	U	1.0	0.43	ug/L			05/09/17 00:49	1
Chlorobenzene	1.0	U	1.0	0.63	ug/L			05/09/17 00:49	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/09/17 00:49	1
Chloroform	1.0	U	1.0	0.90	ug/L			05/09/17 00:49	1
Chloromethane	4.0	U	4.0	1.0	ug/L			05/09/17 00:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.65	ug/L			05/09/17 00:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.39	ug/L			05/09/17 00:49	1
Dibromochloromethane	1.0	U	1.0	0.31	ug/L			05/09/17 00:49	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.5	ug/L			05/09/17 00:49	1
1,2-Dibromoethane	1.0	U	1.0	0.50	ug/L			05/09/17 00:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.49	ug/L			05/09/17 00:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.64	ug/L			05/09/17 00:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.60	ug/L			05/09/17 00:49	1
Dichlorodifluoromethane	5.0	U	5.0	2.5	ug/L			05/09/17 00:49	1
1,1-Dichloroethane	1.0	U	1.0	0.52	ug/L			05/09/17 00:49	1
1,2-Dichloroethane	1.0	U	1.0	0.57	ug/L			05/09/17 00:49	1
1,1-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/09/17 00:49	1
1,2-Dichloropropane	1.0	U	1.0	0.52	ug/L			05/09/17 00:49	1
Ethylbenzene	1.0	U	1.0	0.44	ug/L			05/09/17 00:49	1
2-Hexanone	10	U	10	4.4	ug/L			05/09/17 00:49	1
Isopropylbenzene	1.0	U	1.0	0.52	ug/L			05/09/17 00:49	1
Methylene Chloride	10	U	10	5.0	ug/L			05/09/17 00:49	1
4-Methyl-2-pentanone	10	U	10	4.0	ug/L			05/09/17 00:49	1
Methyl tert-butyl ether	1.0	U	1.0	0.44	ug/L			05/09/17 00:49	1
Styrene	2.0	U	2.0	0.98	ug/L			05/09/17 00:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.17	ug/L			05/09/17 00:49	1
Tetrachloroethene	1.0	U	1.0	0.50	ug/L			05/09/17 00:49	1

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-137928-1

Client Sample ID: 6489-TB

Date Collected: 04/25/17 00:00
Date Received: 04/26/17 09:10

Lab Sample ID: 680-137928-14

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	1.0	U	1.0	0.51	ug/L			05/09/17 00:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/09/17 00:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.27	ug/L			05/09/17 00:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.58	ug/L			05/09/17 00:49	1
1,1,1-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/09/17 00:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/09/17 00:49	1
Trichloroethene	1.0	U	1.0	0.61	ug/L			05/09/17 00:49	1
Trichlorofluoromethane	5.0	U	5.0	2.5	ug/L			05/09/17 00:49	1
Vinyl chloride	1.0	U	1.0	0.71	ug/L			05/09/17 00:49	1
Xylenes, Total	3.0	U	3.0	0.50	ug/L			05/09/17 00:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*109*		*70 - 130*		*05/09/17 00:49*	*1*

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

Lab Sample ID: MB 660-182601/7
Matrix: Water
Analysis Batch: 182601

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	9.9	ug/L			05/08/17 22:59	1
Benzene	1.0	U	1.0	0.50	ug/L			05/08/17 22:59	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/08/17 22:59	1
Bromoform	1.0	U	1.0	0.63	ug/L			05/08/17 22:59	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/08/17 22:59	1
2-Butanone (MEK)	10	U	10	8.4	ug/L			05/08/17 22:59	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/08/17 22:59	1
Carbon tetrachloride	1.0	U	1.0	0.43	ug/L			05/08/17 22:59	1
Chlorobenzene	1.0	U	1.0	0.63	ug/L			05/08/17 22:59	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/08/17 22:59	1
Chloroform	1.0	U	1.0	0.90	ug/L			05/08/17 22:59	1
Chloromethane	4.0	U	4.0	1.0	ug/L			05/08/17 22:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.65	ug/L			05/08/17 22:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.39	ug/L			05/08/17 22:59	1
Dibromochloromethane	1.0	U	1.0	0.31	ug/L			05/08/17 22:59	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.5	ug/L			05/08/17 22:59	1
1,2-Dibromoethane	1.0	U	1.0	0.50	ug/L			05/08/17 22:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.49	ug/L			05/08/17 22:59	1
1,3-Dichlorobenzene	1.0	U	1.0	0.64	ug/L			05/08/17 22:59	1
1,4-Dichlorobenzene	1.0	U	1.0	0.60	ug/L			05/08/17 22:59	1
Dichlorodifluoromethane	5.0	U	5.0	2.5	ug/L			05/08/17 22:59	1
1,1-Dichloroethane	1.0	U	1.0	0.52	ug/L			05/08/17 22:59	1
1,2-Dichloroethane	1.0	U	1.0	0.57	ug/L			05/08/17 22:59	1
1,1-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/08/17 22:59	1
1,2-Dichloropropane	1.0	U	1.0	0.52	ug/L			05/08/17 22:59	1
Ethylbenzene	1.0	U	1.0	0.44	ug/L			05/08/17 22:59	1
2-Hexanone	10	U	10	4.4	ug/L			05/08/17 22:59	1
Isopropylbenzene	1.0	U	1.0	0.52	ug/L			05/08/17 22:59	1
Methylene Chloride	10	U	10	5.0	ug/L			05/08/17 22:59	1
4-Methyl-2-pentanone	10	U	10	4.0	ug/L			05/08/17 22:59	1
Methyl tert-butyl ether	1.0	U	1.0	0.44	ug/L			05/08/17 22:59	1
Styrene	2.0	U	2.0	0.98	ug/L			05/08/17 22:59	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.17	ug/L			05/08/17 22:59	1
Tetrachloroethene	1.0	U	1.0	0.50	ug/L			05/08/17 22:59	1
Toluene	1.0	U	1.0	0.51	ug/L			05/08/17 22:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/08/17 22:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.27	ug/L			05/08/17 22:59	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.58	ug/L			05/08/17 22:59	1
1,1,1-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/08/17 22:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/08/17 22:59	1
Trichloroethene	1.0	U	1.0	0.61	ug/L			05/08/17 22:59	1
Trichlorofluoromethane	5.0	U	5.0	2.5	ug/L			05/08/17 22:59	1
Vinyl chloride	1.0	U	1.0	0.71	ug/L			05/08/17 22:59	1
Xylenes, Total	3.0	U	3.0	0.50	ug/L			05/08/17 22:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*70 - 130*		*05/08/17 22:59*	*1*

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

Lab Sample ID: LCS 660-182601/4
Matrix: Water
Analysis Batch: 182601

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	109		ug/L		109	62 - 142
Benzene	10.0	11.2		ug/L		112	71 - 131
Bromodichloromethane	10.0	10.9		ug/L		109	70 - 131
Bromoform	10.0	9.18		ug/L		92	68 - 130
Bromomethane	10.0	9.59		ug/L		96	10 - 150
2-Butanone (MEK)	100	110		ug/L		110	58 - 132
Carbon disulfide	10.0	10.7		ug/L		107	43 - 150
Carbon tetrachloride	10.0	12.3		ug/L		123	70 - 134
Chlorobenzene	10.0	9.95		ug/L		99	71 - 121
Chloroethane	10.0	8.52		ug/L		85	46 - 150
Chloroform	10.0	11.0		ug/L		110	73 - 133
Chloromethane	10.0	9.21		ug/L		92	52 - 150
cis-1,2-Dichloroethene	10.0	10.7		ug/L		107	73 - 133
cis-1,3-Dichloropropene	10.0	10.2		ug/L		102	68 - 130
Dibromochloromethane	10.0	10.2		ug/L		102	58 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.28		ug/L		93	54 - 130
1,2-Dibromoethane	10.0	10.4		ug/L		104	71 - 131
1,2-Dichlorobenzene	10.0	9.47		ug/L		95	73 - 133
1,3-Dichlorobenzene	10.0	9.66		ug/L		97	73 - 133
1,4-Dichlorobenzene	10.0	9.52		ug/L		95	73 - 133
Dichlorodifluoromethane	10.0	9.44		ug/L		94	10 - 150
1,1-Dichloroethane	10.0	11.2		ug/L		112	72 - 130
1,2-Dichloroethane	10.0	10.5		ug/L		105	71 - 131
1,1-Dichloroethene	10.0	11.4		ug/L		114	56 - 141
1,2-Dichloropropane	10.0	10.6		ug/L		106	72 - 132
Ethylbenzene	10.0	9.82		ug/L		98	71 - 131
2-Hexanone	100	114		ug/L		114	57 - 136
Isopropylbenzene	10.0	9.89		ug/L		99	70 - 131
Methylene Chloride	10.0	8.20	J	ug/L		82	68 - 142
4-Methyl-2-pentanone	100	113		ug/L		113	52 - 137
Methyl tert-butyl ether	10.0	10.8		ug/L		108	67 - 130
Styrene	10.0	9.53		ug/L		95	68 - 131
1,1,2,2-Tetrachloroethane	10.0	9.49		ug/L		95	67 - 130
Tetrachloroethene	10.0	11.1		ug/L		111	66 - 143
Toluene	10.0	10.9		ug/L		109	72 - 132
trans-1,2-Dichloroethene	10.0	10.9		ug/L		109	74 - 139
trans-1,3-Dichloropropene	10.0	10.5		ug/L		105	57 - 130
1,2,4-Trichlorobenzene	10.0	9.74		ug/L		97	73 - 133
1,1,1-Trichloroethane	10.0	11.8		ug/L		118	69 - 132
1,1,2-Trichloroethane	10.0	10.7		ug/L		107	70 - 130
Trichloroethene	10.0	11.2		ug/L		112	74 - 139
Trichlorofluoromethane	10.0	9.10		ug/L		91	62 - 146
Vinyl chloride	10.0	11.2		ug/L		112	59 - 147
Xylenes, Total	20.0	19.4		ug/L		97	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*105*		*70 - 130*

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

Lab Sample ID: LCSD 660-182601/5
Matrix: Water
Analysis Batch: 182601

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	112		ug/L		112	62 - 142	3	30
Benzene	10.0	10.4		ug/L		104	71 - 131	7	30
Bromodichloromethane	10.0	10.4		ug/L		104	70 - 131	4	30
Bromoform	10.0	9.49		ug/L		95	68 - 130	3	30
Bromomethane	10.0	11.0		ug/L		110	10 - 150	13	30
2-Butanone (MEK)	100	112		ug/L		112	58 - 132	2	30
Carbon disulfide	10.0	10.6		ug/L		106	43 - 150	1	30
Carbon tetrachloride	10.0	12.2		ug/L		122	70 - 134	1	30
Chlorobenzene	10.0	9.48		ug/L		95	71 - 121	5	30
Chloroethane	10.0	11.0		ug/L		110	46 - 150	26	30
Chloroform	10.0	10.6		ug/L		106	73 - 133	3	30
Chloromethane	10.0	8.99		ug/L		90	52 - 150	2	30
cis-1,2-Dichloroethene	10.0	10.5		ug/L		105	73 - 133	2	30
cis-1,3-Dichloropropene	10.0	10.4		ug/L		104	68 - 130	2	30
Dibromochloromethane	10.0	9.59		ug/L		96	58 - 130	6	30
1,2-Dibromo-3-Chloropropane	10.0	9.38		ug/L		94	54 - 130	1	30
1,2-Dibromoethane	10.0	9.90		ug/L		99	71 - 131	5	30
1,2-Dichlorobenzene	10.0	9.18		ug/L		92	73 - 133	3	30
1,3-Dichlorobenzene	10.0	9.22		ug/L		92	73 - 133	5	30
1,4-Dichlorobenzene	10.0	9.24		ug/L		92	73 - 133	3	30
Dichlorodifluoromethane	10.0	10.2		ug/L		102	10 - 150	8	30
1,1-Dichloroethane	10.0	10.6		ug/L		106	72 - 130	6	30
1,2-Dichloroethane	10.0	9.99		ug/L		100	71 - 131	5	30
1,1-Dichloroethene	10.0	11.6		ug/L		116	56 - 141	2	30
1,2-Dichloropropane	10.0	10.5		ug/L		105	72 - 132	2	30
Ethylbenzene	10.0	9.73		ug/L		97	71 - 131	1	30
2-Hexanone	100	112		ug/L		112	57 - 136	1	30
Isopropylbenzene	10.0	10.0		ug/L		100	70 - 131	2	30
Methylene Chloride	10.0	10.2		ug/L		102	68 - 142	22	30
4-Methyl-2-pentanone	100	114		ug/L		114	52 - 137	1	30
Methyl tert-butyl ether	10.0	10.2		ug/L		102	67 - 130	5	30
Styrene	10.0	9.58		ug/L		96	68 - 131	0	30
1,1,2,2-Tetrachloroethane	10.0	9.03		ug/L		90	67 - 130	5	30
Tetrachloroethene	10.0	11.0		ug/L		110	66 - 143	0	30
Toluene	10.0	10.8		ug/L		108	72 - 132	1	30
trans-1,2-Dichloroethene	10.0	10.9		ug/L		109	74 - 139	0	30
trans-1,3-Dichloropropene	10.0	9.91		ug/L		99	57 - 130	6	30
1,2,4-Trichlorobenzene	10.0	9.26		ug/L		93	73 - 133	5	30
1,1,1-Trichloroethane	10.0	12.1		ug/L		121	69 - 132	2	30
1,1,2-Trichloroethane	10.0	10.2		ug/L		102	70 - 130	5	30
Trichloroethene	10.0	11.2		ug/L		112	74 - 139	1	30
Trichlorofluoromethane	10.0	11.7		ug/L		117	62 - 146	25	30
Vinyl chloride	10.0	10.7		ug/L		107	59 - 147	4	30
Xylenes, Total	20.0	19.2		ug/L		96	70 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*103*		*70 - 130*

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

Lab Sample ID: 680-137928-6 MS
Matrix: Water
Analysis Batch: 182601

Client Sample ID: 6489-DP-2 (9-19)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20	U	100	98.1		ug/L		98	62 - 142
Benzene	1.0	U	10.0	9.53		ug/L		95	71 - 131
Bromodichloromethane	1.0	U	10.0	9.46		ug/L		95	70 - 131
Bromoform	1.0	U	10.0	8.02		ug/L		80	68 - 130
Bromomethane	5.0	U	10.0	6.24		ug/L		62	10 - 150
2-Butanone (MEK)	10	U	100	97.3		ug/L		97	58 - 132
Carbon disulfide	2.0	U	10.0	8.85		ug/L		88	43 - 150
Carbon tetrachloride	1.0	U	10.0	11.0		ug/L		110	70 - 134
Chlorobenzene	1.0	U	10.0	8.22		ug/L		82	71 - 121
Chloroethane	5.0	U F2	10.0	7.21		ug/L		72	46 - 150
Chloroform	1.0	U	10.0	9.38		ug/L		94	73 - 133
Chloromethane	4.0	U	10.0	7.10		ug/L		71	52 - 150
cis-1,2-Dichloroethene	1.0	U	10.0	9.20		ug/L		92	73 - 133
cis-1,3-Dichloropropene	1.0	U	10.0	8.28		ug/L		83	68 - 130
Dibromochloromethane	1.0	U	10.0	8.38		ug/L		84	58 - 130
1,2-Dibromo-3-Chloropropane	5.0	U	10.0	7.66		ug/L		77	54 - 130
1,2-Dibromoethane	1.0	U	10.0	8.90		ug/L		89	71 - 131
1,2-Dichlorobenzene	1.0	U	10.0	8.04		ug/L		80	73 - 133
1,3-Dichlorobenzene	1.0	U	10.0	8.05		ug/L		81	73 - 133
1,4-Dichlorobenzene	1.0	U	10.0	8.01		ug/L		80	73 - 133
Dichlorodifluoromethane	5.0	U	10.0	8.75		ug/L		87	10 - 150
1,1-Dichloroethane	1.0	U	10.0	9.38		ug/L		94	72 - 130
1,2-Dichloroethane	1.0	U	10.0	8.82		ug/L		88	71 - 131
1,1-Dichloroethene	1.0	U	10.0	9.69		ug/L		97	56 - 141
1,2-Dichloropropane	1.0	U	10.0	9.22		ug/L		92	72 - 132
Ethylbenzene	1.0	U	10.0	8.46		ug/L		85	71 - 131
2-Hexanone	10	U	100	96.6		ug/L		97	57 - 136
Isopropylbenzene	1.0	U	10.0	8.48		ug/L		85	70 - 131
Methylene Chloride	10	U F1	10.0	7.30	J	ug/L		73	68 - 142
4-Methyl-2-pentanone	10	U	100	95.7		ug/L		96	52 - 137
Methyl tert-butyl ether	1.0	U	10.0	9.06		ug/L		91	67 - 130
Styrene	2.0	U	10.0	8.44		ug/L		84	68 - 131
1,1,2,2-Tetrachloroethane	1.0	U	10.0	8.22		ug/L		82	67 - 130
Tetrachloroethene	1.0	U	10.0	9.60		ug/L		96	66 - 143
Toluene	1.0	U	10.0	9.25		ug/L		93	72 - 132
trans-1,2-Dichloroethene	1.0	U	10.0	9.43		ug/L		94	74 - 139
trans-1,3-Dichloropropene	1.0	U	10.0	8.28		ug/L		83	57 - 130
1,2,4-Trichlorobenzene	1.0	U	10.0	7.58		ug/L		76	73 - 133
1,1,1-Trichloroethane	1.0	U	10.0	9.79		ug/L		98	69 - 132
1,1,2-Trichloroethane	1.0	U	10.0	9.61		ug/L		96	70 - 130
Trichloroethene	1.0	U	10.0	9.68		ug/L		97	74 - 139
Trichlorofluoromethane	5.0	U	10.0	9.26		ug/L		93	62 - 146
Vinyl chloride	1.0	U	10.0	7.78		ug/L		78	59 - 147
Xylenes, Total	3.0	U	20.0	16.4		ug/L		82	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*104*		*70 - 130*

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

Lab Sample ID: 680-137928-6 MSD
Matrix: Water
Analysis Batch: 182601

Client Sample ID: 6489-DP-2 (9-19)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	20	U	100	111		ug/L		111	62 - 142	13	30
Benzene	1.0	U	10.0	9.24		ug/L		92	71 - 131	3	30
Bromodichloromethane	1.0	U	10.0	9.77		ug/L		98	70 - 131	3	30
Bromoform	1.0	U	10.0	8.72		ug/L		87	68 - 130	8	30
Bromomethane	5.0	U	10.0	8.22		ug/L		82	10 - 150	27	30
2-Butanone (MEK)	10	U	100	112		ug/L		112	58 - 132	14	30
Carbon disulfide	2.0	U	10.0	8.53		ug/L		85	43 - 150	4	30
Carbon tetrachloride	1.0	U	10.0	9.38		ug/L		94	70 - 134	16	30
Chlorobenzene	1.0	U	10.0	8.82		ug/L		88	71 - 121	7	30
Chloroethane	5.0	U F2	10.0	10.0	F2	ug/L		100	46 - 150	33	30
Chloroform	1.0	U	10.0	9.26		ug/L		93	73 - 133	1	30
Chloromethane	4.0	U	10.0	7.78		ug/L		78	52 - 150	9	30
cis-1,2-Dichloroethene	1.0	U	10.0	9.40		ug/L		94	73 - 133	2	30
cis-1,3-Dichloropropene	1.0	U	10.0	9.53		ug/L		95	68 - 130	14	30
Dibromochloromethane	1.0	U	10.0	9.20		ug/L		92	58 - 130	9	30
1,2-Dibromo-3-Chloropropane	5.0	U	10.0	9.42		ug/L		94	54 - 130	21	30
1,2-Dibromoethane	1.0	U	10.0	9.94		ug/L		99	71 - 131	11	30
1,2-Dichlorobenzene	1.0	U	10.0	8.62		ug/L		86	73 - 133	7	30
1,3-Dichlorobenzene	1.0	U	10.0	8.59		ug/L		86	73 - 133	6	30
1,4-Dichlorobenzene	1.0	U	10.0	8.47		ug/L		85	73 - 133	6	30
Dichlorodifluoromethane	5.0	U	10.0	8.99		ug/L		90	10 - 150	3	30
1,1-Dichloroethane	1.0	U	10.0	9.31		ug/L		93	72 - 130	1	30
1,2-Dichloroethane	1.0	U	10.0	9.57		ug/L		96	71 - 131	8	30
1,1-Dichloroethene	1.0	U	10.0	9.07		ug/L		91	56 - 141	7	30
1,2-Dichloropropane	1.0	U	10.0	9.81		ug/L		98	72 - 132	6	30
Ethylbenzene	1.0	U	10.0	8.68		ug/L		87	71 - 131	3	30
2-Hexanone	10	U	100	114		ug/L		114	57 - 136	16	30
Isopropylbenzene	1.0	U	10.0	8.13		ug/L		81	70 - 131	4	30
Methylene Chloride	10	U F1	10.0	6.62	J F1	ug/L		66	68 - 142	10	30
4-Methyl-2-pentanone	10	U	100	113		ug/L		113	52 - 137	16	30
Methyl tert-butyl ether	1.0	U	10.0	10.1		ug/L		101	67 - 130	11	30
Styrene	2.0	U	10.0	8.45		ug/L		84	68 - 131	0	30
1,1,2,2-Tetrachloroethane	1.0	U	10.0	9.04		ug/L		90	67 - 130	9	30
Tetrachloroethene	1.0	U	10.0	9.10		ug/L		91	66 - 143	5	30
Toluene	1.0	U	10.0	9.47		ug/L		95	72 - 132	2	30
trans-1,2-Dichloroethene	1.0	U	10.0	9.18		ug/L		92	74 - 139	3	30
trans-1,3-Dichloropropene	1.0	U	10.0	9.45		ug/L		94	57 - 130	13	30
1,2,4-Trichlorobenzene	1.0	U	10.0	8.67		ug/L		87	73 - 133	13	30
1,1,1-Trichloroethane	1.0	U	10.0	9.13		ug/L		91	69 - 132	7	30
1,1,2-Trichloroethane	1.0	U	10.0	10.5		ug/L		105	70 - 130	9	30
Trichloroethene	1.0	U	10.0	9.09		ug/L		91	74 - 139	6	30
Trichlorofluoromethane	5.0	U	10.0	9.09		ug/L		91	62 - 146	2	30
Vinyl chloride	1.0	U	10.0	9.26		ug/L		93	59 - 147	17	30
Xylenes, Total	3.0	U	20.0	17.3		ug/L		86	70 - 130	5	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*105*		*70 - 130*

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

Lab Sample ID: 680-137928-4 MS
Matrix: Solid
Analysis Batch: 478753

Client Sample ID: 6489-DP-2 (3-4)
Prep Type: Total/NA
Prep Batch: 477445

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	6.0	U	77.2	67.3		ug/Kg	☼		
Chloromethane	6.0	U	77.2	67.2		ug/Kg	☼		
Vinyl chloride	6.0	U	77.2	68.6		ug/Kg	☼		
Bromomethane	6.0	U	77.2	80.5		ug/Kg	☼		
Chloroethane	6.0	U	77.2	84.2		ug/Kg	☼		
Trichlorofluoromethane	6.0	U	77.2	85.3		ug/Kg	☼		
1,1-Dichloroethene	6.0	U	77.2	83.4		ug/Kg	☼		
Acetone	76		386	597		ug/Kg	☼		
Carbon disulfide	6.0	U	77.2	84.8		ug/Kg	☼		
Methylene Chloride	6.0	U	77.2	88.2		ug/Kg	☼		
trans-1,2-Dichloroethene	6.0	U	77.2	75.1		ug/Kg	☼		
Methyl tert-butyl ether	6.0	U	77.2	86.4		ug/Kg	☼		
1,1-Dichloroethane	6.0	U	77.2	73.9		ug/Kg	☼		
cis-1,2-Dichloroethene	6.0	U	77.2	72.4		ug/Kg	☼		
2-Butanone (MEK)	3.3	J	386	438		ug/Kg	☼		
Chloroform	6.0	U	77.2	77.5		ug/Kg	☼		
1,1,1-Trichloroethane	6.0	U	77.2	75.5		ug/Kg	☼		
Carbon tetrachloride	6.0	U	77.2	75.9		ug/Kg	☼		
Benzene	6.0	U	77.2	74.9		ug/Kg	☼		
1,2-Dichloroethane	6.0	U	77.2	83.3		ug/Kg	☼		
Trichloroethene	6.0	U	77.2	76.1		ug/Kg	☼		
1,2-Dichloropropane	6.0	U	77.2	74.2		ug/Kg	☼		
Bromodichloromethane	6.0	U	77.2	77.9		ug/Kg	☼		
cis-1,3-Dichloropropene	6.0	U	77.2	76.1		ug/Kg	☼		
4-Methyl-2-pentanone	30	U	386	457		ug/Kg	☼		
Toluene	6.0	U	77.2	72.5		ug/Kg	☼		
trans-1,3-Dichloropropene	6.0	U	77.2	79.8		ug/Kg	☼		
1,1,2-Trichloroethane	6.0	U	77.2	82.2		ug/Kg	☼		
Tetrachloroethene	6.0	U	77.2	76.6		ug/Kg	☼		
2-Hexanone	30	U	386	451		ug/Kg	☼		
Dibromochloromethane	6.0	U	77.2	83.4		ug/Kg	☼		
1,2-Dibromoethane	6.0	U	77.2	86.3		ug/Kg	☼		
Chlorobenzene	6.0	U	77.2	75.1		ug/Kg	☼		
Ethylbenzene	6.0	U	77.2	74.8		ug/Kg	☼		
Xylenes, Total	12	U	154	153		ug/Kg	☼		
Styrene	6.0	U	77.2	78.6		ug/Kg	☼		
Bromoform	6.0	U	77.2	90.3		ug/Kg	☼		
Isopropylbenzene	6.0	U	77.2	74.4		ug/Kg	☼		
1,1,2,2-Tetrachloroethane	6.0	U	77.2	86.6		ug/Kg	☼		
1,3-Dichlorobenzene	6.0	U	77.2	72.2		ug/Kg	☼		
1,4-Dichlorobenzene	6.0	U	77.2	72.1		ug/Kg	☼		
1,2-Dichlorobenzene	6.0	U	77.2	74.2		ug/Kg	☼		
1,2-Dibromo-3-Chloropropane	12	U	77.2	82.5		ug/Kg	☼		
1,2,4-Trichlorobenzene	6.0	U	77.2	64.6		ug/Kg	☼		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*70 - 130*

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

Lab Sample ID: 680-137928-4 MS
Matrix: Solid
Analysis Batch: 478753

Client Sample ID: 6489-DP-2 (3-4)
Prep Type: Total/NA
Prep Batch: 477445

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
Dibromofluoromethane (Surr)	103		70 - 130
4-Bromofluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 680-137928-4 MSD
Matrix: Solid
Analysis Batch: 478753

Client Sample ID: 6489-DP-2 (3-4)
Prep Type: Total/NA
Prep Batch: 477445

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	6.0	U	76.0	66.7		ug/Kg	☼				
Chloromethane	6.0	U	76.0	66.7		ug/Kg	☼				
Vinyl chloride	6.0	U	76.0	69.0		ug/Kg	☼				
Bromomethane	6.0	U	76.0	80.2		ug/Kg	☼				
Chloroethane	6.0	U	76.0	82.5		ug/Kg	☼				
Trichlorofluoromethane	6.0	U	76.0	87.2		ug/Kg	☼				
1,1-Dichloroethene	6.0	U	76.0	80.2		ug/Kg	☼				
Acetone	76		380	524		ug/Kg	☼				
Carbon disulfide	6.0	U	76.0	86.1		ug/Kg	☼				
Methylene Chloride	6.0	U	76.0	83.9		ug/Kg	☼				
trans-1,2-Dichloroethene	6.0	U	76.0	72.0		ug/Kg	☼				
Methyl tert-butyl ether	6.0	U	76.0	78.4		ug/Kg	☼				
1,1-Dichloroethane	6.0	U	76.0	72.1		ug/Kg	☼				
cis-1,2-Dichloroethene	6.0	U	76.0	71.1		ug/Kg	☼				
2-Butanone (MEK)	3.3	J	380	368		ug/Kg	☼				
Chloroform	6.0	U	76.0	73.3		ug/Kg	☼				
1,1,1-Trichloroethane	6.0	U	76.0	76.1		ug/Kg	☼				
Carbon tetrachloride	6.0	U	76.0	77.9		ug/Kg	☼				
Benzene	6.0	U	76.0	74.3		ug/Kg	☼				
1,2-Dichloroethane	6.0	U	76.0	77.8		ug/Kg	☼				
Trichloroethene	6.0	U	76.0	75.1		ug/Kg	☼				
1,2-Dichloropropane	6.0	U	76.0	72.2		ug/Kg	☼				
Bromodichloromethane	6.0	U	76.0	75.6		ug/Kg	☼				
cis-1,3-Dichloropropene	6.0	U	76.0	74.0		ug/Kg	☼				
4-Methyl-2-pentanone	30	U	380	422		ug/Kg	☼				
Toluene	6.0	U	76.0	73.2		ug/Kg	☼				
trans-1,3-Dichloropropene	6.0	U	76.0	76.5		ug/Kg	☼				
1,1,2-Trichloroethane	6.0	U	76.0	78.1		ug/Kg	☼				
Tetrachloroethene	6.0	U	76.0	75.8		ug/Kg	☼				
2-Hexanone	30	U	380	417		ug/Kg	☼				
Dibromochloromethane	6.0	U	76.0	80.9		ug/Kg	☼				
1,2-Dibromoethane	6.0	U	76.0	84.5		ug/Kg	☼				
Chlorobenzene	6.0	U	76.0	74.4		ug/Kg	☼				
Ethylbenzene	6.0	U	76.0	73.9		ug/Kg	☼				
Xylenes, Total	12	U	152	148		ug/Kg	☼				
Styrene	6.0	U	76.0	76.5		ug/Kg	☼				
Bromoform	6.0	U	76.0	85.2		ug/Kg	☼				
Isopropylbenzene	6.0	U	76.0	74.4		ug/Kg	☼				
1,1,2,2-Tetrachloroethane	6.0	U	76.0	82.1		ug/Kg	☼				

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

Lab Sample ID: 680-137928-4 MSD
Matrix: Solid
Analysis Batch: 478753

Client Sample ID: 6489-DP-2 (3-4)
Prep Type: Total/NA
Prep Batch: 477445

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene	6.0	U	76.0	72.0		ug/Kg	☼				
1,4-Dichlorobenzene	6.0	U	76.0	72.9		ug/Kg	☼				
1,2-Dichlorobenzene	6.0	U	76.0	73.9		ug/Kg	☼				
1,2-Dibromo-3-Chloropropane	12	U	76.0	85.1		ug/Kg	☼				
1,2,4-Trichlorobenzene	6.0	U	76.0	71.2		ug/Kg	☼				

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: MB 680-478515/10
Matrix: Solid
Analysis Batch: 478515

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	200	U	200	38	ug/Kg			05/04/17 12:43	40
Chloromethane	200	U	200	40	ug/Kg			05/04/17 12:43	40
Vinyl chloride	200	U	200	60	ug/Kg			05/04/17 12:43	40
Bromomethane	200	U	200	60	ug/Kg			05/04/17 12:43	40
Chloroethane	200	U	200	110	ug/Kg			05/04/17 12:43	40
Trichlorofluoromethane	200	U	200	48	ug/Kg			05/04/17 12:43	40
1,1-Dichloroethene	200	U	200	60	ug/Kg			05/04/17 12:43	40
Acetone	2000	U	2000	440	ug/Kg			05/04/17 12:43	40
Carbon disulfide	200	U	200	44	ug/Kg			05/04/17 12:43	40
Methylene Chloride	200	U	200	39	ug/Kg			05/04/17 12:43	40
trans-1,2-Dichloroethene	200	U	200	25	ug/Kg			05/04/17 12:43	40
Methyl tert-butyl ether	200	U	200	40	ug/Kg			05/04/17 12:43	40
1,1-Dichloroethane	200	U	200	44	ug/Kg			05/04/17 12:43	40
cis-1,2-Dichloroethene	200	U	200	56	ug/Kg			05/04/17 12:43	40
2-Butanone (MEK)	1000	U	1000	96	ug/Kg			05/04/17 12:43	40
Chloroform	200	U	200	44	ug/Kg			05/04/17 12:43	40
1,1,1-Trichloroethane	200	U	200	24	ug/Kg			05/04/17 12:43	40
Carbon tetrachloride	200	U	200	33	ug/Kg			05/04/17 12:43	40
Benzene	200	U	200	29	ug/Kg			05/04/17 12:43	40
1,2-Dichloroethane	200	U	200	44	ug/Kg			05/04/17 12:43	40
Trichloroethene	200	U	200	52	ug/Kg			05/04/17 12:43	40
1,2-Dichloropropane	200	U	200	34	ug/Kg			05/04/17 12:43	40
Bromodichloromethane	200	U	200	39	ug/Kg			05/04/17 12:43	40
cis-1,3-Dichloropropene	200	U	200	33	ug/Kg			05/04/17 12:43	40
4-Methyl-2-pentanone	1000	U	1000	170	ug/Kg			05/04/17 12:43	40
Toluene	200	U	200	34	ug/Kg			05/04/17 12:43	40
trans-1,3-Dichloropropene	200	U	200	35	ug/Kg			05/04/17 12:43	40
1,1,2-Trichloroethane	200	U	200	52	ug/Kg			05/04/17 12:43	40
Tetrachloroethene	200	U	200	76	ug/Kg			05/04/17 12:43	40
2-Hexanone	1000	U	1000	130	ug/Kg			05/04/17 12:43	40
Dibromochloromethane	200	U	200	68	ug/Kg			05/04/17 12:43	40

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

Lab Sample ID: MB 680-478515/10
Matrix: Solid
Analysis Batch: 478515

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	200	U	200	60	ug/Kg			05/04/17 12:43	40
Chlorobenzene	200	U	200	38	ug/Kg			05/04/17 12:43	40
Ethylbenzene	200	U	200	52	ug/Kg			05/04/17 12:43	40
Xylenes, Total	400	U	400	44	ug/Kg			05/04/17 12:43	40
Styrene	200	U	200	37	ug/Kg			05/04/17 12:43	40
Bromoform	200	U	200	60	ug/Kg			05/04/17 12:43	40
Isopropylbenzene	200	U	200	76	ug/Kg			05/04/17 12:43	40
1,1,2,2-Tetrachloroethane	200	U	200	64	ug/Kg			05/04/17 12:43	40
1,3-Dichlorobenzene	200	U	200	64	ug/Kg			05/04/17 12:43	40
1,4-Dichlorobenzene	200	U	200	30	ug/Kg			05/04/17 12:43	40
1,2-Dichlorobenzene	200	U	200	52	ug/Kg			05/04/17 12:43	40
1,2-Dibromo-3-Chloropropane	400	U	400	180	ug/Kg			05/04/17 12:43	40
1,2,4-Trichlorobenzene	200	U	200	36	ug/Kg			05/04/17 12:43	40

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*70 - 130*		*05/04/17 12:43*	*40*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*05/04/17 12:43*	*40*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*05/04/17 12:43*	*40*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*05/04/17 12:43*	*40*

Lab Sample ID: MB 680-478515/11
Matrix: Solid
Analysis Batch: 478515

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.0	U	5.0	0.94	ug/Kg			05/04/17 13:06	1
Chloromethane	5.0	U	5.0	1.0	ug/Kg			05/04/17 13:06	1
Vinyl chloride	5.0	U	5.0	1.5	ug/Kg			05/04/17 13:06	1
Bromomethane	5.0	U	5.0	1.5	ug/Kg			05/04/17 13:06	1
Chloroethane	5.0	U	5.0	2.7	ug/Kg			05/04/17 13:06	1
Trichlorofluoromethane	5.0	U	5.0	1.2	ug/Kg			05/04/17 13:06	1
1,1-Dichloroethene	5.0	U	5.0	1.5	ug/Kg			05/04/17 13:06	1
Acetone	50	U	50	11	ug/Kg			05/04/17 13:06	1
Carbon disulfide	5.0	U	5.0	1.1	ug/Kg			05/04/17 13:06	1
Methylene Chloride	5.0	U	5.0	0.98	ug/Kg			05/04/17 13:06	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.63	ug/Kg			05/04/17 13:06	1
Methyl tert-butyl ether	5.0	U	5.0	1.0	ug/Kg			05/04/17 13:06	1
1,1-Dichloroethane	5.0	U	5.0	1.1	ug/Kg			05/04/17 13:06	1
cis-1,2-Dichloroethene	5.0	U	5.0	1.4	ug/Kg			05/04/17 13:06	1
2-Butanone (MEK)	25	U	25	2.4	ug/Kg			05/04/17 13:06	1
Chloroform	5.0	U	5.0	1.1	ug/Kg			05/04/17 13:06	1
1,1,1-Trichloroethane	5.0	U	5.0	0.59	ug/Kg			05/04/17 13:06	1
Carbon tetrachloride	5.0	U	5.0	0.83	ug/Kg			05/04/17 13:06	1
Benzene	5.0	U	5.0	0.73	ug/Kg			05/04/17 13:06	1
1,2-Dichloroethane	5.0	U	5.0	1.1	ug/Kg			05/04/17 13:06	1
Trichloroethene	5.0	U	5.0	1.3	ug/Kg			05/04/17 13:06	1
1,2-Dichloropropane	5.0	U	5.0	0.86	ug/Kg			05/04/17 13:06	1
Bromodichloromethane	5.0	U	5.0	0.97	ug/Kg			05/04/17 13:06	1

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

Lab Sample ID: MB 680-478515/11
Matrix: Solid
Analysis Batch: 478515

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	5.0	U	5.0	0.83	ug/Kg			05/04/17 13:06	1
4-Methyl-2-pentanone	25	U	25	4.2	ug/Kg			05/04/17 13:06	1
Toluene	5.0	U	5.0	0.84	ug/Kg			05/04/17 13:06	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.87	ug/Kg			05/04/17 13:06	1
1,1,2-Trichloroethane	5.0	U	5.0	1.3	ug/Kg			05/04/17 13:06	1
Tetrachloroethene	5.0	U	5.0	1.9	ug/Kg			05/04/17 13:06	1
2-Hexanone	25	U	25	3.3	ug/Kg			05/04/17 13:06	1
Dibromochloromethane	5.0	U	5.0	1.7	ug/Kg			05/04/17 13:06	1
1,2-Dibromoethane	5.0	U	5.0	1.5	ug/Kg			05/04/17 13:06	1
Chlorobenzene	5.0	U	5.0	0.96	ug/Kg			05/04/17 13:06	1
Ethylbenzene	5.0	U	5.0	1.3	ug/Kg			05/04/17 13:06	1
Xylenes, Total	10	U	10	1.1	ug/Kg			05/04/17 13:06	1
Styrene	5.0	U	5.0	0.93	ug/Kg			05/04/17 13:06	1
Bromoform	5.0	U	5.0	1.5	ug/Kg			05/04/17 13:06	1
Isopropylbenzene	5.0	U	5.0	1.9	ug/Kg			05/04/17 13:06	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	1.6	ug/Kg			05/04/17 13:06	1
1,3-Dichlorobenzene	5.0	U	5.0	1.6	ug/Kg			05/04/17 13:06	1
1,4-Dichlorobenzene	5.0	U	5.0	0.74	ug/Kg			05/04/17 13:06	1
1,2-Dichlorobenzene	5.0	U	5.0	1.3	ug/Kg			05/04/17 13:06	1
1,2-Dibromo-3-Chloropropane	10	U	10	4.4	ug/Kg			05/04/17 13:06	1
1,2,4-Trichlorobenzene	5.0	U	5.0	0.89	ug/Kg			05/04/17 13:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*70 - 130*		*05/04/17 13:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*05/04/17 13:06*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*05/04/17 13:06*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*05/04/17 13:06*	*1*

Lab Sample ID: LCS 680-478515/4
Matrix: Solid
Analysis Batch: 478515

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	46.7		ug/Kg		93	40 - 160
Chloromethane	50.0	43.1		ug/Kg		86	40 - 160
Vinyl chloride	50.0	44.3		ug/Kg		89	70 - 130
Bromomethane	50.0	44.9		ug/Kg		90	40 - 160
Chloroethane	50.0	45.8		ug/Kg		92	40 - 160
Trichlorofluoromethane	50.0	51.5		ug/Kg		103	40 - 160
1,1-Dichloroethene	50.0	47.9		ug/Kg		96	70 - 130
Acetone	250	207		ug/Kg		83	40 - 160
Carbon disulfide	50.0	44.9		ug/Kg		90	40 - 160
Methylene Chloride	50.0	42.7		ug/Kg		85	70 - 130
trans-1,2-Dichloroethene	50.0	45.4		ug/Kg		91	70 - 130
Methyl tert-butyl ether	50.0	43.2		ug/Kg		86	70 - 130
1,1-Dichloroethane	50.0	44.0		ug/Kg		88	70 - 130
cis-1,2-Dichloroethene	50.0	44.6		ug/Kg		89	70 - 130
2-Butanone (MEK)	250	223		ug/Kg		89	40 - 160

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

Lab Sample ID: LCS 680-478515/4
Matrix: Solid
Analysis Batch: 478515

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	50.0	47.5		ug/Kg		95	70 - 130
1,1,1-Trichloroethane	50.0	51.8		ug/Kg		104	70 - 130
Carbon tetrachloride	50.0	54.7		ug/Kg		109	70 - 130
Benzene	50.0	44.1		ug/Kg		88	70 - 130
1,2-Dichloroethane	50.0	46.6		ug/Kg		93	70 - 130
Trichloroethene	50.0	47.5		ug/Kg		95	70 - 130
1,2-Dichloropropane	50.0	41.2		ug/Kg		82	70 - 130
Bromodichloromethane	50.0	47.9		ug/Kg		96	70 - 130
cis-1,3-Dichloropropene	50.0	45.7		ug/Kg		91	70 - 130
4-Methyl-2-pentanone	250	205		ug/Kg		82	40 - 160
Toluene	50.0	41.9		ug/Kg		84	70 - 130
trans-1,3-Dichloropropene	50.0	47.0		ug/Kg		94	70 - 130
1,1,2-Trichloroethane	50.0	40.8		ug/Kg		82	70 - 130
Tetrachloroethene	50.0	51.1		ug/Kg		102	70 - 130
2-Hexanone	250	212		ug/Kg		85	40 - 160
Dibromochloromethane	50.0	47.9		ug/Kg		96	70 - 130
1,2-Dibromoethane	50.0	42.9		ug/Kg		86	70 - 130
Chlorobenzene	50.0	46.5		ug/Kg		93	70 - 130
Ethylbenzene	50.0	47.5		ug/Kg		95	70 - 130
Xylenes, Total	100	96.3		ug/Kg		96	70 - 130
Styrene	50.0	45.4		ug/Kg		91	70 - 130
Bromoform	50.0	51.6		ug/Kg		103	70 - 130
Isopropylbenzene	50.0	48.6		ug/Kg		97	70 - 130
1,1,2,2-Tetrachloroethane	50.0	44.8		ug/Kg		90	70 - 130
1,3-Dichlorobenzene	50.0	47.7		ug/Kg		95	70 - 130
1,4-Dichlorobenzene	50.0	47.2		ug/Kg		94	70 - 130
1,2-Dichlorobenzene	50.0	45.9		ug/Kg		92	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	49.2		ug/Kg		98	40 - 160
1,2,4-Trichlorobenzene	50.0	49.6		ug/Kg		99	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*90*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*
Dibromofluoromethane (Surr)	*93*		*70 - 130*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: LCSD 680-478515/5
Matrix: Solid
Analysis Batch: 478515

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	50.0	47.4		ug/Kg		95	40 - 160	1	20
Chloromethane	50.0	42.5		ug/Kg		85	40 - 160	1	20
Vinyl chloride	50.0	44.3		ug/Kg		89	70 - 130	0	20
Bromomethane	50.0	44.3		ug/Kg		89	40 - 160	1	20
Chloroethane	50.0	47.0		ug/Kg		94	40 - 160	3	20
Trichlorofluoromethane	50.0	52.0		ug/Kg		104	40 - 160	1	20
1,1-Dichloroethene	50.0	46.8		ug/Kg		94	70 - 130	2	20

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

Lab Sample ID: LCSD 680-478515/5
Matrix: Solid
Analysis Batch: 478515

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			250	189		ug/Kg		76	40 - 160	9	20
Carbon disulfide			50.0	44.8		ug/Kg		90	40 - 160	0	20
Methylene Chloride			50.0	42.4		ug/Kg		85	70 - 130	1	20
trans-1,2-Dichloroethene			50.0	45.7		ug/Kg		91	70 - 130	1	20
Methyl tert-butyl ether			50.0	43.8		ug/Kg		88	70 - 130	1	20
1,1-Dichloroethane			50.0	45.0		ug/Kg		90	70 - 130	2	20
cis-1,2-Dichloroethene			50.0	45.4		ug/Kg		91	70 - 130	2	20
2-Butanone (MEK)			250	207		ug/Kg		83	40 - 160	7	20
Chloroform			50.0	47.5		ug/Kg		95	70 - 130	0	20
1,1,1-Trichloroethane			50.0	51.3		ug/Kg		103	70 - 130	1	20
Carbon tetrachloride			50.0	53.1		ug/Kg		106	70 - 130	3	20
Benzene			50.0	43.4		ug/Kg		87	70 - 130	2	20
1,2-Dichloroethane			50.0	46.6		ug/Kg		93	70 - 130	0	20
Trichloroethene			50.0	47.3		ug/Kg		95	70 - 130	0	20
1,2-Dichloropropane			50.0	41.1		ug/Kg		82	70 - 130	0	20
Bromodichloromethane			50.0	48.1		ug/Kg		96	70 - 130	1	20
cis-1,3-Dichloropropene			50.0	45.3		ug/Kg		91	70 - 130	1	20
4-Methyl-2-pentanone			250	191		ug/Kg		76	40 - 160	7	20
Toluene			50.0	42.7		ug/Kg		85	70 - 130	2	20
trans-1,3-Dichloropropene			50.0	46.7		ug/Kg		93	70 - 130	1	20
1,1,2-Trichloroethane			50.0	41.0		ug/Kg		82	70 - 130	1	20
Tetrachloroethene			50.0	50.5		ug/Kg		101	70 - 130	1	20
2-Hexanone			250	193		ug/Kg		77	40 - 160	10	20
Dibromochloromethane			50.0	48.3		ug/Kg		97	70 - 130	1	20
1,2-Dibromoethane			50.0	43.8		ug/Kg		88	70 - 130	2	20
Chlorobenzene			50.0	45.1		ug/Kg		90	70 - 130	3	20
Ethylbenzene			50.0	46.8		ug/Kg		94	70 - 130	1	20
Xylenes, Total			100	94.5		ug/Kg		95	70 - 130	2	20
Styrene			50.0	45.8		ug/Kg		92	70 - 130	1	20
Bromoform			50.0	48.4		ug/Kg		97	70 - 130	6	20
Isopropylbenzene			50.0	47.5		ug/Kg		95	70 - 130	2	20
1,1,2,2-Tetrachloroethane			50.0	41.4		ug/Kg		83	70 - 130	8	20
1,3-Dichlorobenzene			50.0	45.4		ug/Kg		91	70 - 130	5	20
1,4-Dichlorobenzene			50.0	45.6		ug/Kg		91	70 - 130	3	20
1,2-Dichlorobenzene			50.0	43.8		ug/Kg		88	70 - 130	5	20
1,2-Dibromo-3-Chloropropane			50.0	43.2		ug/Kg		86	40 - 160	13	20
1,2,4-Trichlorobenzene			50.0	48.5		ug/Kg		97	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*90*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*

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

Lab Sample ID: MB 680-478517/8
Matrix: Solid
Analysis Batch: 478517

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.0	U	5.0	0.94	ug/Kg			05/04/17 11:53	1
Chloromethane	5.0	U	5.0	1.0	ug/Kg			05/04/17 11:53	1
Vinyl chloride	5.0	U	5.0	1.5	ug/Kg			05/04/17 11:53	1
Bromomethane	5.0	U	5.0	1.5	ug/Kg			05/04/17 11:53	1
Chloroethane	5.0	U	5.0	2.7	ug/Kg			05/04/17 11:53	1
Trichlorofluoromethane	5.0	U	5.0	1.2	ug/Kg			05/04/17 11:53	1
1,1-Dichloroethene	5.0	U	5.0	1.5	ug/Kg			05/04/17 11:53	1
Acetone	50	U	50	11	ug/Kg			05/04/17 11:53	1
Carbon disulfide	5.0	U	5.0	1.1	ug/Kg			05/04/17 11:53	1
Methylene Chloride	5.0	U	5.0	0.98	ug/Kg			05/04/17 11:53	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.63	ug/Kg			05/04/17 11:53	1
Methyl tert-butyl ether	5.0	U	5.0	1.0	ug/Kg			05/04/17 11:53	1
1,1-Dichloroethane	5.0	U	5.0	1.1	ug/Kg			05/04/17 11:53	1
cis-1,2-Dichloroethene	5.0	U	5.0	1.4	ug/Kg			05/04/17 11:53	1
2-Butanone (MEK)	25	U	25	2.4	ug/Kg			05/04/17 11:53	1
Chloroform	5.0	U	5.0	1.1	ug/Kg			05/04/17 11:53	1
1,1,1-Trichloroethane	5.0	U	5.0	0.59	ug/Kg			05/04/17 11:53	1
Carbon tetrachloride	5.0	U	5.0	0.83	ug/Kg			05/04/17 11:53	1
Benzene	5.0	U	5.0	0.73	ug/Kg			05/04/17 11:53	1
1,2-Dichloroethane	5.0	U	5.0	1.1	ug/Kg			05/04/17 11:53	1
Trichloroethene	5.0	U	5.0	1.3	ug/Kg			05/04/17 11:53	1
1,2-Dichloropropane	5.0	U	5.0	0.86	ug/Kg			05/04/17 11:53	1
Bromodichloromethane	5.0	U	5.0	0.97	ug/Kg			05/04/17 11:53	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.83	ug/Kg			05/04/17 11:53	1
4-Methyl-2-pentanone	25	U	25	4.2	ug/Kg			05/04/17 11:53	1
Toluene	5.0	U	5.0	0.84	ug/Kg			05/04/17 11:53	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.87	ug/Kg			05/04/17 11:53	1
1,1,2-Trichloroethane	5.0	U	5.0	1.3	ug/Kg			05/04/17 11:53	1
Tetrachloroethene	5.0	U	5.0	1.9	ug/Kg			05/04/17 11:53	1
2-Hexanone	25	U	25	3.3	ug/Kg			05/04/17 11:53	1
Dibromochloromethane	5.0	U	5.0	1.7	ug/Kg			05/04/17 11:53	1
1,2-Dibromoethane	5.0	U	5.0	1.5	ug/Kg			05/04/17 11:53	1
Chlorobenzene	5.0	U	5.0	0.96	ug/Kg			05/04/17 11:53	1
Ethylbenzene	5.0	U	5.0	1.3	ug/Kg			05/04/17 11:53	1
Xylenes, Total	10	U	10	1.1	ug/Kg			05/04/17 11:53	1
Styrene	5.0	U	5.0	0.93	ug/Kg			05/04/17 11:53	1
Bromoform	5.0	U	5.0	1.5	ug/Kg			05/04/17 11:53	1
Isopropylbenzene	5.0	U	5.0	1.9	ug/Kg			05/04/17 11:53	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	1.6	ug/Kg			05/04/17 11:53	1
1,3-Dichlorobenzene	5.0	U	5.0	1.6	ug/Kg			05/04/17 11:53	1
1,4-Dichlorobenzene	5.0	U	5.0	0.74	ug/Kg			05/04/17 11:53	1
1,2-Dichlorobenzene	5.0	U	5.0	1.3	ug/Kg			05/04/17 11:53	1
1,2-Dibromo-3-Chloropropane	10	U	10	4.4	ug/Kg			05/04/17 11:53	1
1,2,4-Trichlorobenzene	5.0	U	5.0	0.89	ug/Kg			05/04/17 11:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*70 - 130*		*05/04/17 11:53*	*1*

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

Lab Sample ID: MB 680-478517/8
Matrix: Solid
Analysis Batch: 478517

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 130		05/04/17 11:53	1
Dibromofluoromethane (Surr)	115		70 - 130		05/04/17 11:53	1
4-Bromofluorobenzene (Surr)	90		70 - 130		05/04/17 11:53	1

Lab Sample ID: LCS 680-478517/4
Matrix: Solid
Analysis Batch: 478517

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	43.7		ug/Kg		87	40 - 160
Chloromethane	50.0	41.9		ug/Kg		84	40 - 160
Vinyl chloride	50.0	42.4		ug/Kg		85	70 - 130
Bromomethane	50.0	42.0		ug/Kg		84	40 - 160
Chloroethane	50.0	44.0		ug/Kg		88	40 - 160
Trichlorofluoromethane	50.0	41.9		ug/Kg		84	40 - 160
1,1-Dichloroethene	50.0	43.5		ug/Kg		87	70 - 130
Acetone	250	218		ug/Kg		87	40 - 160
Carbon disulfide	50.0	45.0		ug/Kg		90	40 - 160
Methylene Chloride	50.0	45.0		ug/Kg		90	70 - 130
trans-1,2-Dichloroethene	50.0	45.0		ug/Kg		90	70 - 130
Methyl tert-butyl ether	50.0	45.8		ug/Kg		92	70 - 130
1,1-Dichloroethane	50.0	43.4		ug/Kg		87	70 - 130
cis-1,2-Dichloroethene	50.0	44.2		ug/Kg		88	70 - 130
2-Butanone (MEK)	250	224		ug/Kg		90	40 - 160
Chloroform	50.0	45.8		ug/Kg		92	70 - 130
1,1,1-Trichloroethane	50.0	45.7		ug/Kg		91	70 - 130
Carbon tetrachloride	50.0	47.3		ug/Kg		95	70 - 130
Benzene	50.0	46.4		ug/Kg		93	70 - 130
1,2-Dichloroethane	50.0	44.9		ug/Kg		90	70 - 130
Trichloroethene	50.0	46.6		ug/Kg		93	70 - 130
1,2-Dichloropropane	50.0	45.3		ug/Kg		91	70 - 130
Bromodichloromethane	50.0	46.4		ug/Kg		93	70 - 130
cis-1,3-Dichloropropene	50.0	45.8		ug/Kg		92	70 - 130
4-Methyl-2-pentanone	250	238		ug/Kg		95	40 - 160
Toluene	50.0	46.8		ug/Kg		94	70 - 130
trans-1,3-Dichloropropene	50.0	48.1		ug/Kg		96	70 - 130
1,1,2-Trichloroethane	50.0	46.6		ug/Kg		93	70 - 130
Tetrachloroethene	50.0	47.4		ug/Kg		95	70 - 130
2-Hexanone	250	244		ug/Kg		97	40 - 160
Dibromochloromethane	50.0	47.8		ug/Kg		96	70 - 130
1,2-Dibromoethane	50.0	47.9		ug/Kg		96	70 - 130
Chlorobenzene	50.0	46.5		ug/Kg		93	70 - 130
Ethylbenzene	50.0	47.4		ug/Kg		95	70 - 130
Xylenes, Total	100	94.4		ug/Kg		94	70 - 130
Styrene	50.0	49.0		ug/Kg		98	70 - 130
Bromoform	50.0	49.2		ug/Kg		98	70 - 130
Isopropylbenzene	50.0	48.3		ug/Kg		97	70 - 130
1,1,2,2-Tetrachloroethane	50.0	47.8		ug/Kg		96	70 - 130

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

Lab Sample ID: LCS 680-478517/4
Matrix: Solid
Analysis Batch: 478517

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	50.0	46.7		ug/Kg		93	70 - 130
1,4-Dichlorobenzene	50.0	46.4		ug/Kg		93	70 - 130
1,2-Dichlorobenzene	50.0	46.3		ug/Kg		93	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	46.7		ug/Kg		93	40 - 160
1,2,4-Trichlorobenzene	50.0	47.0		ug/Kg		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*94*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*
Dibromofluoromethane (Surr)	*93*		*70 - 130*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: LCSD 680-478517/5
Matrix: Solid
Analysis Batch: 478517

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	50.0	43.3		ug/Kg		87	40 - 160	1	20
Chloromethane	50.0	44.2		ug/Kg		88	40 - 160	5	20
Vinyl chloride	50.0	44.0		ug/Kg		88	70 - 130	4	20
Bromomethane	50.0	44.8		ug/Kg		90	40 - 160	6	20
Chloroethane	50.0	45.5		ug/Kg		91	40 - 160	3	20
Trichlorofluoromethane	50.0	44.2		ug/Kg		88	40 - 160	5	20
1,1-Dichloroethene	50.0	46.0		ug/Kg		92	70 - 130	6	20
Acetone	250	239		ug/Kg		96	40 - 160	9	20
Carbon disulfide	50.0	46.4		ug/Kg		93	40 - 160	3	20
Methylene Chloride	50.0	46.7		ug/Kg		93	70 - 130	4	20
trans-1,2-Dichloroethene	50.0	48.7		ug/Kg		97	70 - 130	8	20
Methyl tert-butyl ether	50.0	48.4		ug/Kg		97	70 - 130	6	20
1,1-Dichloroethane	50.0	47.2		ug/Kg		94	70 - 130	9	20
cis-1,2-Dichloroethene	50.0	47.5		ug/Kg		95	70 - 130	7	20
2-Butanone (MEK)	250	235		ug/Kg		94	40 - 160	5	20
Chloroform	50.0	48.8		ug/Kg		98	70 - 130	6	20
1,1,1-Trichloroethane	50.0	48.0		ug/Kg		96	70 - 130	5	20
Carbon tetrachloride	50.0	48.7		ug/Kg		97	70 - 130	3	20
Benzene	50.0	47.8		ug/Kg		96	70 - 130	3	20
1,2-Dichloroethane	50.0	48.9		ug/Kg		98	70 - 130	8	20
Trichloroethene	50.0	48.7		ug/Kg		97	70 - 130	4	20
1,2-Dichloropropane	50.0	46.8		ug/Kg		94	70 - 130	3	20
Bromodichloromethane	50.0	48.1		ug/Kg		96	70 - 130	4	20
cis-1,3-Dichloropropene	50.0	48.7		ug/Kg		97	70 - 130	6	20
4-Methyl-2-pentanone	250	248		ug/Kg		99	40 - 160	4	20
Toluene	50.0	47.8		ug/Kg		96	70 - 130	2	20
trans-1,3-Dichloropropene	50.0	50.2		ug/Kg		100	70 - 130	4	20
1,1,2-Trichloroethane	50.0	47.6		ug/Kg		95	70 - 130	2	20
Tetrachloroethene	50.0	50.1		ug/Kg		100	70 - 130	5	20
2-Hexanone	250	251		ug/Kg		100	40 - 160	3	20
Dibromochloromethane	50.0	50.2		ug/Kg		100	70 - 130	5	20

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

Lab Sample ID: LCSD 680-478517/5
Matrix: Solid
Analysis Batch: 478517

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane			50.0	50.3		ug/Kg		101	70 - 130	5	20
Chlorobenzene			50.0	48.5		ug/Kg		97	70 - 130	4	20
Ethylbenzene			50.0	49.3		ug/Kg		99	70 - 130	4	20
Xylenes, Total			100	101		ug/Kg		101	70 - 130	7	20
Styrene			50.0	52.5		ug/Kg		105	70 - 130	7	20
Bromoform			50.0	50.3		ug/Kg		101	70 - 130	2	20
Isopropylbenzene			50.0	50.5		ug/Kg		101	70 - 130	5	20
1,1,2,2-Tetrachloroethane			50.0	49.7		ug/Kg		99	70 - 130	4	20
1,3-Dichlorobenzene			50.0	48.7		ug/Kg		97	70 - 130	4	20
1,4-Dichlorobenzene			50.0	48.0		ug/Kg		96	70 - 130	3	20
1,2-Dichlorobenzene			50.0	48.3		ug/Kg		97	70 - 130	4	20
1,2-Dibromo-3-Chloropropane			50.0	44.8		ug/Kg		90	40 - 160	4	20
1,2,4-Trichlorobenzene			50.0	48.0		ug/Kg		96	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: MB 680-478753/10
Matrix: Solid
Analysis Batch: 478753

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	200	U	200	38	ug/Kg			05/05/17 15:05	40
Chloromethane	200	U	200	40	ug/Kg			05/05/17 15:05	40
Vinyl chloride	200	U	200	60	ug/Kg			05/05/17 15:05	40
Bromomethane	200	U	200	60	ug/Kg			05/05/17 15:05	40
Chloroethane	200	U	200	110	ug/Kg			05/05/17 15:05	40
Trichlorofluoromethane	200	U	200	48	ug/Kg			05/05/17 15:05	40
1,1-Dichloroethene	200	U	200	60	ug/Kg			05/05/17 15:05	40
Acetone	2000	U	2000	440	ug/Kg			05/05/17 15:05	40
Carbon disulfide	200	U	200	44	ug/Kg			05/05/17 15:05	40
Methylene Chloride	200	U	200	39	ug/Kg			05/05/17 15:05	40
trans-1,2-Dichloroethene	200	U	200	25	ug/Kg			05/05/17 15:05	40
Methyl tert-butyl ether	200	U	200	40	ug/Kg			05/05/17 15:05	40
1,1-Dichloroethane	200	U	200	44	ug/Kg			05/05/17 15:05	40
cis-1,2-Dichloroethene	200	U	200	56	ug/Kg			05/05/17 15:05	40
2-Butanone (MEK)	1000	U	1000	96	ug/Kg			05/05/17 15:05	40
Chloroform	200	U	200	44	ug/Kg			05/05/17 15:05	40
1,1,1-Trichloroethane	200	U	200	24	ug/Kg			05/05/17 15:05	40
Carbon tetrachloride	200	U	200	33	ug/Kg			05/05/17 15:05	40
Benzene	200	U	200	29	ug/Kg			05/05/17 15:05	40
1,2-Dichloroethane	200	U	200	44	ug/Kg			05/05/17 15:05	40
Trichloroethene	200	U	200	52	ug/Kg			05/05/17 15:05	40
1,2-Dichloropropane	200	U	200	34	ug/Kg			05/05/17 15:05	40
Bromodichloromethane	200	U	200	39	ug/Kg			05/05/17 15:05	40

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

Lab Sample ID: MB 680-478753/10
Matrix: Solid
Analysis Batch: 478753

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	200	U	200	33	ug/Kg			05/05/17 15:05	40
4-Methyl-2-pentanone	1000	U	1000	170	ug/Kg			05/05/17 15:05	40
Toluene	200	U	200	34	ug/Kg			05/05/17 15:05	40
trans-1,3-Dichloropropene	200	U	200	35	ug/Kg			05/05/17 15:05	40
1,1,2-Trichloroethane	200	U	200	52	ug/Kg			05/05/17 15:05	40
Tetrachloroethene	200	U	200	76	ug/Kg			05/05/17 15:05	40
2-Hexanone	1000	U	1000	130	ug/Kg			05/05/17 15:05	40
Dibromochloromethane	200	U	200	68	ug/Kg			05/05/17 15:05	40
1,2-Dibromoethane	200	U	200	60	ug/Kg			05/05/17 15:05	40
Chlorobenzene	200	U	200	38	ug/Kg			05/05/17 15:05	40
Ethylbenzene	200	U	200	52	ug/Kg			05/05/17 15:05	40
Xylenes, Total	400	U	400	44	ug/Kg			05/05/17 15:05	40
Styrene	200	U	200	37	ug/Kg			05/05/17 15:05	40
Bromoform	200	U	200	60	ug/Kg			05/05/17 15:05	40
Isopropylbenzene	200	U	200	76	ug/Kg			05/05/17 15:05	40
1,1,2,2-Tetrachloroethane	200	U	200	64	ug/Kg			05/05/17 15:05	40
1,3-Dichlorobenzene	200	U	200	64	ug/Kg			05/05/17 15:05	40
1,4-Dichlorobenzene	200	U	200	30	ug/Kg			05/05/17 15:05	40
1,2-Dichlorobenzene	200	U	200	52	ug/Kg			05/05/17 15:05	40
1,2-Dibromo-3-Chloropropane	400	U	400	180	ug/Kg			05/05/17 15:05	40
1,2,4-Trichlorobenzene	200	U	200	36	ug/Kg			05/05/17 15:05	40

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*70 - 130*		*05/05/17 15:05*	*40*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*05/05/17 15:05*	*40*
Dibromofluoromethane (Surr)	*111*		*70 - 130*		*05/05/17 15:05*	*40*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*05/05/17 15:05*	*40*

Lab Sample ID: MB 680-478753/11
Matrix: Solid
Analysis Batch: 478753

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.0	U	5.0	0.94	ug/Kg			05/05/17 15:28	1
Chloromethane	5.0	U	5.0	1.0	ug/Kg			05/05/17 15:28	1
Vinyl chloride	5.0	U	5.0	1.5	ug/Kg			05/05/17 15:28	1
Bromomethane	5.0	U	5.0	1.5	ug/Kg			05/05/17 15:28	1
Chloroethane	5.0	U	5.0	2.7	ug/Kg			05/05/17 15:28	1
Trichlorofluoromethane	5.0	U	5.0	1.2	ug/Kg			05/05/17 15:28	1
1,1-Dichloroethene	5.0	U	5.0	1.5	ug/Kg			05/05/17 15:28	1
Acetone	50	U	50	11	ug/Kg			05/05/17 15:28	1
Carbon disulfide	5.0	U	5.0	1.1	ug/Kg			05/05/17 15:28	1
Methylene Chloride	5.0	U	5.0	0.98	ug/Kg			05/05/17 15:28	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.63	ug/Kg			05/05/17 15:28	1
Methyl tert-butyl ether	5.0	U	5.0	1.0	ug/Kg			05/05/17 15:28	1
1,1-Dichloroethane	5.0	U	5.0	1.1	ug/Kg			05/05/17 15:28	1
cis-1,2-Dichloroethene	5.0	U	5.0	1.4	ug/Kg			05/05/17 15:28	1
2-Butanone (MEK)	25	U	25	2.4	ug/Kg			05/05/17 15:28	1

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

Lab Sample ID: MB 680-478753/11
Matrix: Solid
Analysis Batch: 478753

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	5.0	U	5.0	1.1	ug/Kg			05/05/17 15:28	1
1,1,1-Trichloroethane	5.0	U	5.0	0.59	ug/Kg			05/05/17 15:28	1
Carbon tetrachloride	5.0	U	5.0	0.83	ug/Kg			05/05/17 15:28	1
Benzene	5.0	U	5.0	0.73	ug/Kg			05/05/17 15:28	1
1,2-Dichloroethane	5.0	U	5.0	1.1	ug/Kg			05/05/17 15:28	1
Trichloroethene	5.0	U	5.0	1.3	ug/Kg			05/05/17 15:28	1
1,2-Dichloropropane	5.0	U	5.0	0.86	ug/Kg			05/05/17 15:28	1
Bromodichloromethane	5.0	U	5.0	0.97	ug/Kg			05/05/17 15:28	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.83	ug/Kg			05/05/17 15:28	1
4-Methyl-2-pentanone	25	U	25	4.2	ug/Kg			05/05/17 15:28	1
Toluene	5.0	U	5.0	0.84	ug/Kg			05/05/17 15:28	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.87	ug/Kg			05/05/17 15:28	1
1,1,2-Trichloroethane	5.0	U	5.0	1.3	ug/Kg			05/05/17 15:28	1
Tetrachloroethene	5.0	U	5.0	1.9	ug/Kg			05/05/17 15:28	1
2-Hexanone	25	U	25	3.3	ug/Kg			05/05/17 15:28	1
Dibromochloromethane	5.0	U	5.0	1.7	ug/Kg			05/05/17 15:28	1
1,2-Dibromoethane	5.0	U	5.0	1.5	ug/Kg			05/05/17 15:28	1
Chlorobenzene	5.0	U	5.0	0.96	ug/Kg			05/05/17 15:28	1
Ethylbenzene	5.0	U	5.0	1.3	ug/Kg			05/05/17 15:28	1
Xylenes, Total	10	U	10	1.1	ug/Kg			05/05/17 15:28	1
Styrene	5.0	U	5.0	0.93	ug/Kg			05/05/17 15:28	1
Bromoform	5.0	U	5.0	1.5	ug/Kg			05/05/17 15:28	1
Isopropylbenzene	5.0	U	5.0	1.9	ug/Kg			05/05/17 15:28	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	1.6	ug/Kg			05/05/17 15:28	1
1,3-Dichlorobenzene	5.0	U	5.0	1.6	ug/Kg			05/05/17 15:28	1
1,4-Dichlorobenzene	5.0	U	5.0	0.74	ug/Kg			05/05/17 15:28	1
1,2-Dichlorobenzene	5.0	U	5.0	1.3	ug/Kg			05/05/17 15:28	1
1,2-Dibromo-3-Chloropropane	10	U	10	4.4	ug/Kg			05/05/17 15:28	1
1,2,4-Trichlorobenzene	5.0	U	5.0	0.89	ug/Kg			05/05/17 15:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*70 - 130*		*05/05/17 15:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*05/05/17 15:28*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*		*05/05/17 15:28*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*05/05/17 15:28*	*1*

Lab Sample ID: LCS 680-478753/4
Matrix: Solid
Analysis Batch: 478753

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	42.3		ug/Kg		85	40 - 160
Chloromethane	50.0	40.5		ug/Kg		81	40 - 160
Vinyl chloride	50.0	42.3		ug/Kg		85	70 - 130
Bromomethane	50.0	40.1		ug/Kg		80	40 - 160
Chloroethane	50.0	49.9		ug/Kg		100	40 - 160
Trichlorofluoromethane	50.0	50.0		ug/Kg		100	40 - 160
1,1-Dichloroethene	50.0	49.5		ug/Kg		99	70 - 130

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

Lab Sample ID: LCS 680-478753/4
Matrix: Solid
Analysis Batch: 478753

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	254		ug/Kg		102	40 - 160
Carbon disulfide	50.0	49.7		ug/Kg		99	40 - 160
Methylene Chloride	50.0	50.4		ug/Kg		101	70 - 130
trans-1,2-Dichloroethene	50.0	45.5		ug/Kg		91	70 - 130
Methyl tert-butyl ether	50.0	44.8		ug/Kg		90	70 - 130
1,1-Dichloroethane	50.0	44.8		ug/Kg		90	70 - 130
cis-1,2-Dichloroethene	50.0	44.9		ug/Kg		90	70 - 130
2-Butanone (MEK)	250	216		ug/Kg		87	40 - 160
Chloroform	50.0	45.9		ug/Kg		92	70 - 130
1,1,1-Trichloroethane	50.0	45.4		ug/Kg		91	70 - 130
Carbon tetrachloride	50.0	46.2		ug/Kg		92	70 - 130
Benzene	50.0	45.2		ug/Kg		90	70 - 130
1,2-Dichloroethane	50.0	45.6		ug/Kg		91	70 - 130
Trichloroethene	50.0	46.4		ug/Kg		93	70 - 130
1,2-Dichloropropane	50.0	43.8		ug/Kg		88	70 - 130
Bromodichloromethane	50.0	45.9		ug/Kg		92	70 - 130
cis-1,3-Dichloropropene	50.0	45.1		ug/Kg		90	70 - 130
4-Methyl-2-pentanone	250	235		ug/Kg		94	40 - 160
Toluene	50.0	45.1		ug/Kg		90	70 - 130
trans-1,3-Dichloropropene	50.0	46.5		ug/Kg		93	70 - 130
1,1,2-Trichloroethane	50.0	46.7		ug/Kg		93	70 - 130
Tetrachloroethene	50.0	46.5		ug/Kg		93	70 - 130
2-Hexanone	250	235		ug/Kg		94	40 - 160
Dibromochloromethane	50.0	48.2		ug/Kg		96	70 - 130
1,2-Dibromoethane	50.0	47.3		ug/Kg		95	70 - 130
Chlorobenzene	50.0	45.1		ug/Kg		90	70 - 130
Ethylbenzene	50.0	45.2		ug/Kg		90	70 - 130
Xylenes, Total	100	89.4		ug/Kg		89	70 - 130
Styrene	50.0	47.4		ug/Kg		95	70 - 130
Bromoform	50.0	47.8		ug/Kg		96	70 - 130
Isopropylbenzene	50.0	45.6		ug/Kg		91	70 - 130
1,1,2,2-Tetrachloroethane	50.0	46.4		ug/Kg		93	70 - 130
1,3-Dichlorobenzene	50.0	45.2		ug/Kg		90	70 - 130
1,4-Dichlorobenzene	50.0	45.1		ug/Kg		90	70 - 130
1,2-Dichlorobenzene	50.0	45.6		ug/Kg		91	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	44.1		ug/Kg		88	40 - 160
1,2,4-Trichlorobenzene	50.0	44.4		ug/Kg		89	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*90*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*
Dibromofluoromethane (Surr)	*91*		*70 - 130*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*

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

Lab Sample ID: LCSD 680-478753/5
Matrix: Solid
Analysis Batch: 478753

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	50.0	43.9		ug/Kg		88	40 - 160	4	20
Chloromethane	50.0	44.0		ug/Kg		88	40 - 160	8	20
Vinyl chloride	50.0	44.3		ug/Kg		89	70 - 130	5	20
Bromomethane	50.0	51.8	*	ug/Kg		104	40 - 160	25	20
Chloroethane	50.0	52.8		ug/Kg		106	40 - 160	6	20
Trichlorofluoromethane	50.0	52.0		ug/Kg		104	40 - 160	4	20
1,1-Dichloroethene	50.0	53.3		ug/Kg		107	70 - 130	8	20
Acetone	250	255		ug/Kg		102	40 - 160	0	20
Carbon disulfide	50.0	53.1		ug/Kg		106	40 - 160	7	20
Methylene Chloride	50.0	53.6		ug/Kg		107	70 - 130	6	20
trans-1,2-Dichloroethene	50.0	47.9		ug/Kg		96	70 - 130	5	20
Methyl tert-butyl ether	50.0	46.6		ug/Kg		93	70 - 130	4	20
1,1-Dichloroethane	50.0	47.2		ug/Kg		94	70 - 130	5	20
cis-1,2-Dichloroethene	50.0	46.6		ug/Kg		93	70 - 130	4	20
2-Butanone (MEK)	250	239		ug/Kg		96	40 - 160	10	20
Chloroform	50.0	47.2		ug/Kg		94	70 - 130	3	20
1,1,1-Trichloroethane	50.0	47.3		ug/Kg		95	70 - 130	4	20
Carbon tetrachloride	50.0	48.8		ug/Kg		98	70 - 130	6	20
Benzene	50.0	47.0		ug/Kg		94	70 - 130	4	20
1,2-Dichloroethane	50.0	47.6		ug/Kg		95	70 - 130	4	20
Trichloroethene	50.0	48.6		ug/Kg		97	70 - 130	5	20
1,2-Dichloropropane	50.0	45.7		ug/Kg		91	70 - 130	4	20
Bromodichloromethane	50.0	47.5		ug/Kg		95	70 - 130	3	20
cis-1,3-Dichloropropene	50.0	47.6		ug/Kg		95	70 - 130	5	20
4-Methyl-2-pentanone	250	243		ug/Kg		97	40 - 160	3	20
Toluene	50.0	46.7		ug/Kg		93	70 - 130	3	20
trans-1,3-Dichloropropene	50.0	49.2		ug/Kg		98	70 - 130	5	20
1,1,2-Trichloroethane	50.0	48.3		ug/Kg		97	70 - 130	3	20
Tetrachloroethene	50.0	49.4		ug/Kg		99	70 - 130	6	20
2-Hexanone	250	243		ug/Kg		97	40 - 160	3	20
Dibromochloromethane	50.0	49.9		ug/Kg		100	70 - 130	3	20
1,2-Dibromoethane	50.0	48.8		ug/Kg		98	70 - 130	3	20
Chlorobenzene	50.0	48.3		ug/Kg		97	70 - 130	7	20
Ethylbenzene	50.0	47.8		ug/Kg		96	70 - 130	6	20
Xylenes, Total	100	96.3		ug/Kg		96	70 - 130	7	20
Styrene	50.0	50.3		ug/Kg		101	70 - 130	6	20
Bromoform	50.0	50.5		ug/Kg		101	70 - 130	5	20
Isopropylbenzene	50.0	48.8		ug/Kg		98	70 - 130	7	20
1,1,2,2-Tetrachloroethane	50.0	47.9		ug/Kg		96	70 - 130	3	20
1,3-Dichlorobenzene	50.0	47.3		ug/Kg		95	70 - 130	4	20
1,4-Dichlorobenzene	50.0	46.8		ug/Kg		94	70 - 130	4	20
1,2-Dichlorobenzene	50.0	46.9		ug/Kg		94	70 - 130	3	20
1,2-Dibromo-3-Chloropropane	50.0	44.0		ug/Kg		88	40 - 160	0	20
1,2,4-Trichlorobenzene	50.0	47.1		ug/Kg		94	70 - 130	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*70 - 130*

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

Lab Sample ID: LCSD 680-478753/5
Matrix: Solid
Analysis Batch: 478753

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

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*

QC Association Summary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-137928-1

GC/MS VOA

Analysis Batch: 182601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-137928-6	6489-DP-2 (9-19)	Total/NA	Water	8260B	
680-137928-10	6489-DP-3 (13-18)	Total/NA	Water	8260B	
680-137928-14	6489-TB	Total/NA	Water	8260B	
MB 660-182601/7	Method Blank	Total/NA	Water	8260B	
LCS 660-182601/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-182601/5	Lab Control Sample Dup	Total/NA	Water	8260B	
680-137928-6 MS	6489-DP-2 (9-19)	Total/NA	Water	8260B	
680-137928-6 MSD	6489-DP-2 (9-19)	Total/NA	Water	8260B	

Prep Batch: 477445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-137928-1	6489-DP-1 (3-4)	Total/NA	Solid	5035	
680-137928-2	6489-DP-1 (19-20)	Total/NA	Solid	5035	
680-137928-4	6489-DP-2 (3-4)	Total/NA	Solid	5035	
680-137928-5	6489-DP-2 (19-20)	Total/NA	Solid	5035	
680-137928-7	6489-DP-3 (2-3)	Total/NA	Solid	5035	
680-137928-8	6489-DP-3 (19-20)	Total/NA	Solid	5035	
680-137928-11	6489-DP-4 (4-5)	Total/NA	Solid	5035	
680-137928-12	6489-DP-4 (13-14)	Total/NA	Solid	5035	
680-137928-13	6489-DP-4 (19-20)	Total/NA	Solid	5035	
680-137928-4 MS	6489-DP-2 (3-4)	Total/NA	Solid	5035	
680-137928-4 MSD	6489-DP-2 (3-4)	Total/NA	Solid	5035	

Analysis Batch: 478515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-137928-4	6489-DP-2 (3-4)	Total/NA	Solid	8260B	477445
680-137928-5	6489-DP-2 (19-20)	Total/NA	Solid	8260B	477445
680-137928-8	6489-DP-3 (19-20)	Total/NA	Solid	8260B	477445
680-137928-11	6489-DP-4 (4-5)	Total/NA	Solid	8260B	477445
680-137928-12	6489-DP-4 (13-14)	Total/NA	Solid	8260B	477445
680-137928-13	6489-DP-4 (19-20)	Total/NA	Solid	8260B	477445
MB 680-478515/10	Method Blank	Total/NA	Solid	8260B	
MB 680-478515/11	Method Blank	Total/NA	Solid	8260B	
LCS 680-478515/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-478515/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 478517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-137928-1	6489-DP-1 (3-4)	Total/NA	Solid	8260B	477445
680-137928-2	6489-DP-1 (19-20)	Total/NA	Solid	8260B	477445
MB 680-478517/8	Method Blank	Total/NA	Solid	8260B	
LCS 680-478517/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-478517/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 478753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-137928-7	6489-DP-3 (2-3)	Total/NA	Solid	8260B	477445
MB 680-478753/10	Method Blank	Total/NA	Solid	8260B	
MB 680-478753/11	Method Blank	Total/NA	Solid	8260B	
LCS 680-478753/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-478753/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC/MS VOA (Continued)

Analysis Batch: 478753 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-137928-4 MS	6489-DP-2 (3-4)	Total/NA	Solid	8260B	477445
680-137928-4 MSD	6489-DP-2 (3-4)	Total/NA	Solid	8260B	477445

General Chemistry

Analysis Batch: 477794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-137928-1	6489-DP-1 (3-4)	Total/NA	Solid	Moisture	
680-137928-2	6489-DP-1 (19-20)	Total/NA	Solid	Moisture	
680-137928-4	6489-DP-2 (3-4)	Total/NA	Solid	Moisture	
680-137928-5	6489-DP-2 (19-20)	Total/NA	Solid	Moisture	
680-137928-7	6489-DP-3 (2-3)	Total/NA	Solid	Moisture	
680-137928-8	6489-DP-3 (19-20)	Total/NA	Solid	Moisture	
680-137928-11	6489-DP-4 (4-5)	Total/NA	Solid	Moisture	
680-137928-12	6489-DP-4 (13-14)	Total/NA	Solid	Moisture	
680-137928-13	6489-DP-4 (19-20)	Total/NA	Solid	Moisture	
680-137928-4 MS	6489-DP-2 (3-4)	Total/NA	Solid	Moisture	
680-137928-4 MSD	6489-DP-2 (3-4)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-137928-1

Client Sample ID: 6489-DP-1 (3-4)
Date Collected: 04/25/17 11:30
Date Received: 04/26/17 09:10

Lab Sample ID: 680-137928-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			477794	04/28/17 12:02	WRB	TAL SAV
	Instrument ID:	NOEQUIP								

Client Sample ID: 6489-DP-1 (3-4)
Date Collected: 04/25/17 11:30
Date Received: 04/26/17 09:10

Lab Sample ID: 680-137928-1
Matrix: Solid
Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.166 g	5 mL	477445	04/26/17 12:14	FES	TAL SAV
Total/NA	Analysis	8260B		1	5 g	5 g	478517	05/04/17 19:13	JLK	TAL SAV
	Instrument ID:	CMSAB								

Client Sample ID: 6489-DP-1 (19-20)
Date Collected: 04/25/17 11:34
Date Received: 04/26/17 09:10

Lab Sample ID: 680-137928-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			477794	04/28/17 12:02	WRB	TAL SAV
	Instrument ID:	NOEQUIP								

Client Sample ID: 6489-DP-1 (19-20)
Date Collected: 04/25/17 11:34
Date Received: 04/26/17 09:10

Lab Sample ID: 680-137928-2
Matrix: Solid
Percent Solids: 77.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.197 g	5 mL	477445	04/26/17 12:14	FES	TAL SAV
Total/NA	Analysis	8260B		1	5 g	5 g	478517	05/04/17 19:36	JLK	TAL SAV
	Instrument ID:	CMSAB								

Client Sample ID: 6489-DP-2 (3-4)
Date Collected: 04/25/17 15:05
Date Received: 04/26/17 09:10

Lab Sample ID: 680-137928-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			477794	04/28/17 12:02	WRB	TAL SAV
	Instrument ID:	NOEQUIP								

Client Sample ID: 6489-DP-2 (3-4)
Date Collected: 04/25/17 15:05
Date Received: 04/26/17 09:10

Lab Sample ID: 680-137928-4
Matrix: Solid
Percent Solids: 79.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.278 g	5 mL	477445	04/26/17 12:14	FES	TAL SAV

Lab Chronicle

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-137928-1

Client Sample ID: 6489-DP-2 (3-4)
Lab Sample ID: 680-137928-4

Date Collected: 04/25/17 15:05
Date Received: 04/26/17 09:10
Matrix: Solid
Percent Solids: 79.5

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 g	5 g	478515	05/04/17 16:58	JLK	TAL SAV
	Instrument ID: CMSAA									

Client Sample ID: 6489-DP-2 (19-20)
Lab Sample ID: 680-137928-5

Date Collected: 04/25/17 15:15
Date Received: 04/26/17 09:10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			477794	04/28/17 12:02	WRB	TAL SAV
	Instrument ID: NOEQUIP									

Client Sample ID: 6489-DP-2 (19-20)
Lab Sample ID: 680-137928-5

Date Collected: 04/25/17 15:15
Date Received: 04/26/17 09:10
Matrix: Solid
Percent Solids: 71.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.265 g	5 mL	477445	04/26/17 12:14	FES	TAL SAV
Total/NA	Analysis	8260B		1	5 g	5 g	478515	05/04/17 17:22	JLK	TAL SAV
	Instrument ID: CMSAA									

Client Sample ID: 6489-DP-2 (9-19)
Lab Sample ID: 680-137928-6

Date Collected: 04/25/17 14:59
Date Received: 04/26/17 09:10
Matrix: Water

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 mL	5 mL	182601	05/08/17 23:29	ECC	TAL TAM
	Instrument ID: CHBVMJ5975									

Client Sample ID: 6489-DP-3 (2-3)
Lab Sample ID: 680-137928-7

Date Collected: 04/25/17 16:42
Date Received: 04/26/17 09:10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			477794	04/28/17 12:02	WRB	TAL SAV
	Instrument ID: NOEQUIP									

Client Sample ID: 6489-DP-3 (2-3)
Lab Sample ID: 680-137928-7

Date Collected: 04/25/17 16:42
Date Received: 04/26/17 09:10
Matrix: Solid
Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.83 g	5 mL	477445	04/26/17 12:14	FES	TAL SAV

Lab Chronicle

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-137928-1

Client Sample ID: 6489-DP-3 (2-3)
Lab Sample ID: 680-137928-7
Date Collected: 04/25/17 16:42
Matrix: Solid
Date Received: 04/26/17 09:10
Percent Solids: 85.2

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 g	5 g	478753	05/05/17 16:37	JLK	TAL SAV
	Instrument ID: CMSAB									

Client Sample ID: 6489-DP-3 (19-20)
Lab Sample ID: 680-137928-8
Date Collected: 04/25/17 16:47
Matrix: Solid
Date Received: 04/26/17 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			477794	04/28/17 12:02	WRB	TAL SAV
	Instrument ID: NOEQUIP									

Client Sample ID: 6489-DP-3 (19-20)
Lab Sample ID: 680-137928-8
Date Collected: 04/25/17 16:47
Matrix: Solid
Date Received: 04/26/17 09:10
Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.783 g	5 mL	477445	04/26/17 12:14	FES	TAL SAV
Total/NA	Analysis	8260B		1	5 g	5 g	478515	05/04/17 18:08	JLK	TAL SAV
	Instrument ID: CMSAA									

Client Sample ID: 6489-DP-3 (13-18)
Lab Sample ID: 680-137928-10
Date Collected: 04/25/17 17:00
Matrix: Water
Date Received: 04/26/17 09:10

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 mL	5 mL	182601	05/09/17 01:07	ECC	TAL TAM
	Instrument ID: CHBVMJ5975									

Client Sample ID: 6489-DP-4 (4-5)
Lab Sample ID: 680-137928-11
Date Collected: 04/25/17 18:10
Matrix: Solid
Date Received: 04/26/17 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			477794	04/28/17 12:02	WRB	TAL SAV
	Instrument ID: NOEQUIP									

Client Sample ID: 6489-DP-4 (4-5)
Lab Sample ID: 680-137928-11
Date Collected: 04/25/17 18:10
Matrix: Solid
Date Received: 04/26/17 09:10
Percent Solids: 72.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.386 g	5 mL	477445	04/26/17 12:14	FES	TAL SAV

Lab Chronicle

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-137928-1

Client Sample ID: 6489-DP-4 (4-5)
Lab Sample ID: 680-137928-11

Date Collected: 04/25/17 18:10
Date Received: 04/26/17 09:10
Matrix: Solid
Percent Solids: 72.6

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 g	5 g	478515	05/04/17 18:32	JLK	TAL SAV
	Instrument ID: CMSAA									

Client Sample ID: 6489-DP-4 (13-14)
Lab Sample ID: 680-137928-12

Date Collected: 04/25/17 18:17
Date Received: 04/26/17 09:10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			477794	04/28/17 12:02	WRB	TAL SAV
	Instrument ID: NOEQUIP									

Client Sample ID: 6489-DP-4 (13-14)
Lab Sample ID: 680-137928-12

Date Collected: 04/25/17 18:17
Date Received: 04/26/17 09:10
Matrix: Solid
Percent Solids: 71.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.922 g	5 mL	477445	04/26/17 12:14	FES	TAL SAV
Total/NA	Analysis	8260B		1	5 g	5 g	478515	05/04/17 18:55	JLK	TAL SAV
	Instrument ID: CMSAA									

Client Sample ID: 6489-DP-4 (19-20)
Lab Sample ID: 680-137928-13

Date Collected: 04/25/17 18:24
Date Received: 04/26/17 09:10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			477794	04/28/17 12:02	WRB	TAL SAV
	Instrument ID: NOEQUIP									

Client Sample ID: 6489-DP-4 (19-20)
Lab Sample ID: 680-137928-13

Date Collected: 04/25/17 18:24
Date Received: 04/26/17 09:10
Matrix: Solid
Percent Solids: 67.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.613 g	5 mL	477445	04/26/17 12:14	FES	TAL SAV
Total/NA	Analysis	8260B		1	5 g	5 g	478515	05/04/17 19:18	JLK	TAL SAV
	Instrument ID: CMSAA									

Client Sample ID: 6489-TB
Lab Sample ID: 680-137928-14

Date Collected: 04/25/17 00:00
Date Received: 04/26/17 09:10
Matrix: Water

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 mL	5 mL	182601	05/09/17 00:49	ECC	TAL TAM

Lab Chronicle

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-137928-1

Client Sample ID: 6489-TB

Date Collected: 04/25/17 00:00
Date Received: 04/26/17 09:10

Lab Sample ID: 680-137928-14

Matrix: Water

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 mL	5 mL	182601	05/09/17 00:49	ECC	TAL TAM
	Instrument ID: CHBVMJ5975									

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Accreditation/Certification Summary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-137928-1

Laboratory: TestAmerica Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Georgia	State Program	4	N/A	06-30-17 *

Laboratory: TestAmerica Tampa

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

Authority	Program	EPA Region	Identification Number	Expiration Date
Florida	NELAP	4	E84282	06-30-17
Georgia	State Program	4	905	06-30-17
USDA	Federal		P330-14-00332	10-14-17

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-137928-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
Moisture	Percent Moisture	EPA	TAL SAV

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 SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica Savannah
5102 LaRoche Avenue

Savannah, GA 31404
Phone: 912.354.7858 Fax:

Chain of Custody Record

193725

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

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

Client Contact			
Company Name: EnviroForensics	Project Manager: Chris Fall	Site Contact: Chris Fall	Date:
Address: 825 N Capitol Ave	Tel/Fax: Same	Lab Contact:	Carrier:
City/State/Zip: Indianapolis IN 46204	Analysis Turnaround Time		
Phone: 866-888-7911	☐ CALENDAR DAYS ☐ WORKING DAYS		
Fax: 317-972-7875	TAT if different from Below		
Project Name: Ideal Cleaners	☒ 2 weeks		
Site: 6489	☐ 1 week		
PO # 2017 0556	☐ 2 days		
	☐ 1 day		

COC No: _____ of _____ COCs

Sampler:

For Lab Use Only:
Walk-in Client:
Lab Sampling:

Job / SDG No.:

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	MS/MSD	Sample Specific Notes:
6489-DP-1 (3-4)	4/25/17	1130	G	soil	4			X		
6489-DP-1 (19-20)	4/25/17	1134	G	soil	4			X		
6489-DP-1 (16-19)	4/25/17	1150	G	water	3			X		
6489-DP-2 (3-4)	4/25/17	1505	G	soil	12			X	X	
6489-DP-2 (19-20)	4/25/17	1515	G	soil	4			X		
6489-DP-2 (9-19)	4/25/17	1459	G	water	9			X	X	
6489-DP-3 (2-3)	4/25/17	1642	G	soil	4			X		
6489-DP-3 (19-20)	4/25/17	1647	G	soil	4			X		
6489-DP-3 (3-13)	4/25/17	1715	G	water	3			X		
6489-DP-3 (13-18)	4/25/17	1700	G	water	3			X		
6489-DP-4 (4-5)	4/25/17	1810	G	soil	4			X		
6489-DP-4 (13-14)	4/25/17	1817	G	soil	4			X		

680-137928 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:
Dropped of at Fedex at 1850

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: 1.4 Corr'd: 1.1 | Therm ID No.:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Chris Fall	EnviroForensics	4/25/17 1850			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				SPL	4-4-17 910

TestAmerica Savannah
5102 LaRoche Avenue

Savannah, GA 31404
Phone: 912.354.7858 Fax:

Chain of Custody Record

193726

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

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

Client Contact	Project Manager: CMcFall	Site Contact:	Date:	COC No:
Company Name: EnviroForensics	Tel/Fax: Same	Lab Contact:	Carrier:	____ of ____ COCs
Address: 825 N Capitol Ave	Analysis Turnaround Time			Sampler:
City/State/Zip: Indianapolis IN 46204	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 866-888-7411	TAT if different from Below ____			Walk-in Client:
Fax: 317-972-7875	☒ 2 weeks			Lab Sampling:
Project Name: 6489	☐ 1 week			
Site: Ideal Cleaners	☐ 2 days			Job / SDG No.:
PO # 2017 0556	☐ 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	Sample Specific Notes:
6489-DP-4 (19-20)	4/25/17	1824	G	Soil	4			X	
6489-TB	—	—	—	water	3			X	

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:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: 1.8 Corr'd: 1.1 | Therm ID No.:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	EnviroForensics	4/25/17 1850			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: [signature]	Company: SKW	Date/Time: 4-26-17 910

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Barnett, Eddie T	Carrier Tracking No(s):	COC No: 680-476849.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: eddie.barnett@testamericainc.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): State Program - Georgia		Job #: 680-137928-1
Address: 6712 Benjamin Road, Suite 100,	Due Date Requested: 5/8/2017			
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33634				
Phone: 813-885-7427(Tel) 813-885-7049(Fax)	PO #:			
Email:	WO #:			
Project Name: Ideal Cleaners - LaGrange, GA	Project #: 68018080			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/5030B (MOD) TCL OLM04.2 (w/ SAV Surrogates)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
6489-DP-2 (9-19) (680-137928-6)	4/25/17	14:59 Eastern		Water			X	3	
6489-DP-2 (9-19) (680-137928-6MS)	4/25/17	14:59 Eastern	MS	Water			X	3	
6489-DP-2 (9-19) (680-137928-6MSD)	4/25/17	14:59 Eastern	MSD	Water			X	3	
6489-DP-3 (13-18) (680-137928-10)	4/25/17	17:00 Eastern		Water			X	3	
6489-TB (680-137928-14)	4/25/17	Eastern		Water			X	2	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.

Possible Hazard Identification *Unconfirmed*	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)* ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Jessica R Elkerdo	Date/Time: 5/5/17 1554	Company TAAV	Received by: [illegible]	Date/Time: 5/6/17 1130	Company TA-TPA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 3.6/3.2 cu-09		

Login Sample Receipt Checklist

Client: Environmental Forensic Investigation Inc

Job Number: 680-137928-1

Login Number: 137928
List Number: 1
Creator: Flanagan, Naomi V

List Source: TestAmerica Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
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.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Environmental Forensic Investigation Inc

Job Number: 680-137928-1

Login Number: 137928
List Number: 2
Creator: Southers, Kristin B

List Source: TestAmerica Tampa
List Creation: 05/06/17 03:08 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
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.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-138014-1
Client Project/Site: Ideal Cleaners - LaGrange, GA

For:
Environmental Forensic Investigation Inc
Enviroforensics, Inc
825 N. Capitol Ave
Indianapolis, Indiana 46204

Attn: Mr. Casey McFall

Authorized for release by:
5/11/2017 4:35:26 PM

Eddie Barnett, Project Manager I
(912)354-7858
eddie.barnett@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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.

Definitions/Glossary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits
*	RPD of the LCS and LCSD exceeds the 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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Sample Summary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-138014-1	6489-DP-4 (13-18)	Water	04/26/17 08:17	04/27/17 09:30
680-138014-2	6489-DP-5 (1-2)	Solid	04/26/17 10:00	04/27/17 09:30
680-138014-3	6489-DP-5 (19-20)	Solid	04/26/17 09:55	04/27/17 09:30
680-138014-4	6489-DP-5 (3-8)	Water	04/26/17 10:10	04/27/17 09:30
680-138014-5	6489-DP-5 (8-18)	Water	04/26/17 10:05	04/27/17 09:30
680-138014-6	6489-DP-6 (1-2)	Solid	04/26/17 11:18	04/27/17 09:30
680-138014-7	6489-DP-6 (15-16)	Solid	04/26/17 11:23	04/27/17 09:30
680-138014-8	6489-DP-6 (4-5)	Water	04/26/17 12:46	04/27/17 09:30
680-138014-10	6489-DP-7 (4-6)	Solid	04/26/17 14:59	04/27/17 09:30
680-138014-11	6489-DP-7 (18-19)	Solid	04/26/17 14:53	04/27/17 09:30
680-138014-12	6489-DP-7 (22-23.5)	Solid	04/26/17 14:47	04/27/17 09:30
680-138014-14	6489-DP-8 (3-4)	Solid	04/26/17 18:05	04/27/17 09:30
680-138014-15	6489-DP-8 (8-10)	Solid	04/26/17 18:10	04/27/17 09:30
680-138014-16	6489-DP-8 (18-19)	Solid	04/26/17 18:15	04/27/17 09:30
680-138014-17	6489-DP-8 (13-17)	Water	04/26/17 18:20	04/27/17 09:30
680-138014-18	6489-HA-1 (2-3)	Solid	04/26/17 16:25	04/27/17 09:30
680-138014-19	6489-HA-1 (4.5-5)	Water	04/26/17 16:32	04/27/17 09:30
680-138014-20	6489-DUP-1	Solid	04/26/17 00:00	04/27/17 09:30
680-138014-21	6489-DUP-2	Water	04/26/17 00:00	04/27/17 09:30
680-138014-22	6489-TB	Water	04/26/17 00:00	04/27/17 09:30

Job ID: 680-138014-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE
Client: Environmental Forensic Investigation Inc
Project: Ideal Cleaners - LaGrange, GA

Report Number: 680-138014-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT
The samples were received on 04/27/2017; the samples arrived in good condition, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.7º C and 3.1º C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples 6489-DP-5 (1-2) (680-138014-2), 6489-DP-5 (19-20) (680-138014-3), 6489-DP-6 (1-2) (680-138014-6), 6489-DP-6 (15-16) (680-138014-7), 6489-DP-7 (4-6) (680-138014-10), 6489-DP-7 (18-19) (680-138014-11), 6489-DP-7 (22-23.5) (680-138014-12), 6489-DP-8 (3-4) (680-138014-14), 6489-DP-8 (8-10) (680-138014-15), 6489-DP-8 (18-19) (680-138014-16), 6489-HA-1 (2-3) (680-138014-18) and 6489-DUP-1 (680-138014-20) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 04/27/2017 and analyzed on 05/04/2017 and 05/05/2017.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 680-477632 and analytical batches 680-478515 and 680-478517.

1,2-Dichloroethane-d4 (Surr) recovered outside the surrogate recovery criteria high for 6489-DP-6 (1-2) (680-138014-6). Evidence of matrix interference is not obvious. The sample was re-analyzed with failing internal standard responses. The strongest set of data has been reported. Refer to the QC report for details.

Bromomethane exceeded the RPD limit for LCSD 680-478753/5. Refer to the QC report for details.

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

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples 6489-DP-4 (13-18) (680-138014-1), 6489-DP-5 (3-8) (680-138014-4), 6489-DP-5 (8-18) (680-138014-5), 6489-DP-6 (4-5) (680-138014-8), 6489-DP-8 (13-17) (680-138014-17), 6489-HA-1 (4.5-5) (680-138014-19), 6489-DUP-2 (680-138014-21) and 6489-TB (680-138014-22) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 05/09/2017.

Samples 6489-DP-8 (13-17) (680-138014-17)[5X], 6489-DP-8 (13-17) (680-138014-17)[50X], 6489-HA-1 (4.5-5) (680-138014-19)[20X], 6489-HA-1 (4.5-5) (680-138014-19)[200X] and 6489-DUP-2 (680-138014-21)[2000X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

PERCENT SOLIDS/MOISTURE
Samples 6489-DP-5 (1-2) (680-138014-2), 6489-DP-5 (19-20) (680-138014-3), 6489-DP-6 (1-2) (680-138014-6), 6489-DP-6 (15-16) (680-138014-7), 6489-DP-7 (4-6) (680-138014-10), 6489-DP-7 (18-19) (680-138014-11), 6489-DP-7 (22-23.5) (680-138014-12), 6489-DP-8 (3-4) (680-138014-14), 6489-DP-8 (8-10) (680-138014-15), 6489-DP-8 (18-19) (680-138014-16), 6489-HA-1 (2-3) (680-138014-18) and 6489-DUP-1 (680-138014-20) were analyzed for Percent Solids/Moisture in accordance with TestAmerica SOP. The samples were analyzed on 05/03/2017.

Job ID: 680-138014-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

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

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Client Sample ID: 6489-DP-4 (13-18)

Date Collected: 04/26/17 08:17
Date Received: 04/27/17 09:30

Lab Sample ID: 680-138014-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	9.9	ug/L			05/09/17 21:08	1
Benzene	1.0	U	1.0	0.50	ug/L			05/09/17 21:08	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/09/17 21:08	1
Bromoform	1.0	U	1.0	0.63	ug/L			05/09/17 21:08	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/09/17 21:08	1
2-Butanone (MEK)	10	U	10	8.4	ug/L			05/09/17 21:08	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/09/17 21:08	1
Carbon tetrachloride	1.0	U	1.0	0.43	ug/L			05/09/17 21:08	1
Chlorobenzene	1.0	U	1.0	0.63	ug/L			05/09/17 21:08	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/09/17 21:08	1
Chloroform	1.0	U	1.0	0.90	ug/L			05/09/17 21:08	1
Chloromethane	4.0	U	4.0	1.0	ug/L			05/09/17 21:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.65	ug/L			05/09/17 21:08	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.39	ug/L			05/09/17 21:08	1
Dibromochloromethane	1.0	U	1.0	0.31	ug/L			05/09/17 21:08	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.5	ug/L			05/09/17 21:08	1
1,2-Dibromoethane	1.0	U	1.0	0.50	ug/L			05/09/17 21:08	1
1,2-Dichlorobenzene	1.0	U	1.0	0.49	ug/L			05/09/17 21:08	1
1,3-Dichlorobenzene	1.0	U	1.0	0.64	ug/L			05/09/17 21:08	1
1,4-Dichlorobenzene	1.0	U	1.0	0.60	ug/L			05/09/17 21:08	1
Dichlorodifluoromethane	5.0	U	5.0	2.5	ug/L			05/09/17 21:08	1
1,1-Dichloroethane	1.0	U	1.0	0.52	ug/L			05/09/17 21:08	1
1,2-Dichloroethane	1.0	U	1.0	0.57	ug/L			05/09/17 21:08	1
1,1-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/09/17 21:08	1
1,2-Dichloropropane	1.0	U	1.0	0.52	ug/L			05/09/17 21:08	1
Ethylbenzene	1.0	U	1.0	0.44	ug/L			05/09/17 21:08	1
2-Hexanone	10	U	10	4.4	ug/L			05/09/17 21:08	1
Isopropylbenzene	1.0	U	1.0	0.52	ug/L			05/09/17 21:08	1
Methylene Chloride	10	U	10	5.0	ug/L			05/09/17 21:08	1
4-Methyl-2-pentanone	10	U	10	4.0	ug/L			05/09/17 21:08	1
Methyl tert-butyl ether	1.0	U	1.0	0.44	ug/L			05/09/17 21:08	1
Styrene	2.0	U	2.0	0.98	ug/L			05/09/17 21:08	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.17	ug/L			05/09/17 21:08	1
Tetrachloroethene	1.0	U	1.0	0.50	ug/L			05/09/17 21:08	1
Toluene	1.0	U	1.0	0.51	ug/L			05/09/17 21:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/09/17 21:08	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.27	ug/L			05/09/17 21:08	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.58	ug/L			05/09/17 21:08	1
1,1,1-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/09/17 21:08	1
1,1,2-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/09/17 21:08	1
Trichloroethene	1.0	U	1.0	0.61	ug/L			05/09/17 21:08	1
Trichlorofluoromethane	5.0	U	5.0	2.5	ug/L			05/09/17 21:08	1
Vinyl chloride	1.0	U	1.0	0.71	ug/L			05/09/17 21:08	1
Xylenes, Total	3.0	U	3.0	0.50	ug/L			05/09/17 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*70 - 130*		*05/09/17 21:08*	*1*

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Client Sample ID: 6489-DP-5 (1-2)

Date Collected: 04/26/17 10:00
Date Received: 04/27/17 09:30

Lab Sample ID: 680-138014-2

Matrix: Solid
Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	4.9	U	4.9	0.92	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Chloromethane	4.9	U	4.9	0.98	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Vinyl chloride	4.9	U	4.9	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Bromomethane	4.9	U	4.9	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Chloroethane	4.9	U	4.9	2.6	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Trichlorofluoromethane	4.9	U	4.9	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
1,1-Dichloroethene	4.9	U	4.9	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Acetone	49	U	49	11	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Carbon disulfide	4.9	U	4.9	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Methylene Chloride	4.9	U	4.9	0.96	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
trans-1,2-Dichloroethene	4.9	U	4.9	0.61	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Methyl tert-butyl ether	4.9	U	4.9	0.98	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
1,1-Dichloroethane	4.9	U	4.9	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
cis-1,2-Dichloroethene	4.9	U	4.9	1.4	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
2-Butanone (MEK)	24	U	24	2.3	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Chloroform	4.9	U	4.9	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
1,1,1-Trichloroethane	4.9	U	4.9	0.58	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Carbon tetrachloride	4.9	U	4.9	0.81	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Benzene	4.9	U	4.9	0.71	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
1,2-Dichloroethane	4.9	U	4.9	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Trichloroethene	4.9	U	4.9	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
1,2-Dichloropropane	4.9	U	4.9	0.84	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Bromodichloromethane	4.9	U	4.9	0.95	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
cis-1,3-Dichloropropene	4.9	U	4.9	0.81	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
4-Methyl-2-pentanone	24	U	24	4.1	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Toluene	4.9	U	4.9	0.82	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
trans-1,3-Dichloropropene	4.9	U	4.9	0.85	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
1,1,2-Trichloroethane	4.9	U	4.9	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Tetrachloroethene	4.9	U	4.9	1.9	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
2-Hexanone	24	U	24	3.2	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Dibromochloromethane	4.9	U	4.9	1.7	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
1,2-Dibromoethane	4.9	U	4.9	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Chlorobenzene	4.9	U	4.9	0.94	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Ethylbenzene	4.9	U	4.9	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Xylenes, Total	9.8	U	9.8	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Styrene	4.9	U	4.9	0.91	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Bromoform	4.9	U	4.9	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
Isopropylbenzene	4.9	U	4.9	1.9	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
1,1,2,2-Tetrachloroethane	4.9	U	4.9	1.6	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
1,3-Dichlorobenzene	4.9	U	4.9	1.6	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
1,4-Dichlorobenzene	4.9	U	4.9	0.72	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
1,2-Dichlorobenzene	4.9	U	4.9	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
1,2-Dibromo-3-Chloropropane	9.8	U	9.8	4.3	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1
1,2,4-Trichlorobenzene	4.9	U	4.9	0.87	ug/Kg	☼	04/27/17 12:17	05/04/17 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*70 - 130*	*04/27/17 12:17*	*05/04/17 15:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*70 - 130*	*04/27/17 12:17*	*05/04/17 15:25*	*1*
Dibromofluoromethane (Surr)	*120*		*70 - 130*	*04/27/17 12:17*	*05/04/17 15:25*	*1*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*04/27/17 12:17*	*05/04/17 15:25*	*1*

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Client Sample ID: 6489-DP-5 (19-20)

Date Collected: 04/26/17 09:55
Date Received: 04/27/17 09:30

Lab Sample ID: 680-138014-3

Matrix: Solid
Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.2	U	5.2	0.98	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Chloromethane	5.2	U	5.2	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Vinyl chloride	5.2	U	5.2	1.6	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Bromomethane	5.2	U	5.2	1.6	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Chloroethane	5.2	U	5.2	2.8	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Trichlorofluoromethane	5.2	U	5.2	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
1,1-Dichloroethene	5.2	U	5.2	1.6	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Acetone	**12**	**J**	52	12	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Carbon disulfide	5.2	U	5.2	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Methylene Chloride	5.2	U	5.2	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
trans-1,2-Dichloroethene	5.2	U	5.2	0.66	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Methyl tert-butyl ether	5.2	U	5.2	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
1,1-Dichloroethane	5.2	U	5.2	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
cis-1,2-Dichloroethene	5.2	U	5.2	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
2-Butanone (MEK)	26	U	26	2.5	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Chloroform	5.2	U	5.2	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
1,1,1-Trichloroethane	5.2	U	5.2	0.62	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Carbon tetrachloride	5.2	U	5.2	0.87	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Benzene	5.2	U	5.2	0.76	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
1,2-Dichloroethane	5.2	U	5.2	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Trichloroethene	5.2	U	5.2	1.4	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
1,2-Dichloropropane	5.2	U	5.2	0.90	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Bromodichloromethane	5.2	U	5.2	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
cis-1,3-Dichloropropene	5.2	U	5.2	0.87	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
4-Methyl-2-pentanone	26	U	26	4.4	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Toluene	5.2	U	5.2	0.88	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
trans-1,3-Dichloropropene	5.2	U	5.2	0.91	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
1,1,2-Trichloroethane	5.2	U	5.2	1.4	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Tetrachloroethene	5.2	U	5.2	2.0	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
2-Hexanone	26	U	26	3.5	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Dibromochloromethane	5.2	U	5.2	1.8	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
1,2-Dibromoethane	5.2	U	5.2	1.6	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Chlorobenzene	5.2	U	5.2	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Ethylbenzene	5.2	U	5.2	1.4	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Xylenes, Total	10	U	10	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Styrene	5.2	U	5.2	0.97	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Bromoform	5.2	U	5.2	1.6	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
Isopropylbenzene	5.2	U	5.2	2.0	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
1,1,2,2-Tetrachloroethane	5.2	U	5.2	1.7	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
1,3-Dichlorobenzene	5.2	U	5.2	1.7	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
1,4-Dichlorobenzene	5.2	U	5.2	0.78	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
1,2-Dichlorobenzene	5.2	U	5.2	1.4	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
1,2-Dibromo-3-Chloropropane	10	U	10	4.6	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1
1,2,4-Trichlorobenzene	5.2	U	5.2	0.93	ug/Kg	☼	04/27/17 12:17	05/04/17 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*70 - 130*	*04/27/17 12:17*	*05/04/17 15:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*123*		*70 - 130*	*04/27/17 12:17*	*05/04/17 15:47*	*1*
Dibromofluoromethane (Surr)	*122*		*70 - 130*	*04/27/17 12:17*	*05/04/17 15:47*	*1*

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Client Sample ID: 6489-DP-5 (19-20)

Lab Sample ID: 680-138014-3
Date Collected: 04/26/17 09:55
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 88.3

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	04/27/17 12:17	05/04/17 15:47	1

Client Sample ID: 6489-DP-5 (3-8)

Lab Sample ID: 680-138014-4
Date Collected: 04/26/17 10:10
Matrix: Water
Date Received: 04/27/17 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	15	J	20	9.9	ug/L			05/09/17 21:27	1
Benzene	1.0	U	1.0	0.50	ug/L			05/09/17 21:27	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/09/17 21:27	1
Bromoform	1.0	U	1.0	0.63	ug/L			05/09/17 21:27	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/09/17 21:27	1
2-Butanone (MEK)	10	U	10	8.4	ug/L			05/09/17 21:27	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/09/17 21:27	1
Carbon tetrachloride	1.0	U	1.0	0.43	ug/L			05/09/17 21:27	1
Chlorobenzene	1.0	U	1.0	0.63	ug/L			05/09/17 21:27	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/09/17 21:27	1
Chloroform	1.0	U	1.0	0.90	ug/L			05/09/17 21:27	1
Chloromethane	4.0	U	4.0	1.0	ug/L			05/09/17 21:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.65	ug/L			05/09/17 21:27	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.39	ug/L			05/09/17 21:27	1
Dibromochloromethane	1.0	U	1.0	0.31	ug/L			05/09/17 21:27	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.5	ug/L			05/09/17 21:27	1
1,2-Dibromoethane	1.0	U	1.0	0.50	ug/L			05/09/17 21:27	1
1,2-Dichlorobenzene	1.0	U	1.0	0.49	ug/L			05/09/17 21:27	1
1,3-Dichlorobenzene	1.0	U	1.0	0.64	ug/L			05/09/17 21:27	1
1,4-Dichlorobenzene	1.0	U	1.0	0.60	ug/L			05/09/17 21:27	1
Dichlorodifluoromethane	5.0	U	5.0	2.5	ug/L			05/09/17 21:27	1
1,1-Dichloroethane	1.0	U	1.0	0.52	ug/L			05/09/17 21:27	1
1,2-Dichloroethane	1.0	U	1.0	0.57	ug/L			05/09/17 21:27	1
1,1-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/09/17 21:27	1
1,2-Dichloropropane	1.0	U	1.0	0.52	ug/L			05/09/17 21:27	1
Ethylbenzene	1.0	U	1.0	0.44	ug/L			05/09/17 21:27	1
2-Hexanone	10	U	10	4.4	ug/L			05/09/17 21:27	1
Isopropylbenzene	1.0	U	1.0	0.52	ug/L			05/09/17 21:27	1
Methylene Chloride	10	U	10	5.0	ug/L			05/09/17 21:27	1
4-Methyl-2-pentanone	10	U	10	4.0	ug/L			05/09/17 21:27	1
Methyl tert-butyl ether	1.0	U	1.0	0.44	ug/L			05/09/17 21:27	1
Styrene	2.0	U	2.0	0.98	ug/L			05/09/17 21:27	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.17	ug/L			05/09/17 21:27	1
Tetrachloroethene	1.0	U	1.0	0.50	ug/L			05/09/17 21:27	1
Toluene	1.0	U	1.0	0.51	ug/L			05/09/17 21:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/09/17 21:27	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.27	ug/L			05/09/17 21:27	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.58	ug/L			05/09/17 21:27	1
1,1,1-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/09/17 21:27	1
1,1,2-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/09/17 21:27	1
Trichloroethene	1.0	U	1.0	0.61	ug/L			05/09/17 21:27	1

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Client Sample ID: 6489-DP-5 (3-8)

Lab Sample ID: 680-138014-4
Date Collected: 04/26/17 10:10
Matrix: Water
Date Received: 04/27/17 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	5.0	U	5.0	2.5	ug/L			05/09/17 21:27	1
Vinyl chloride	1.0	U	1.0	0.71	ug/L			05/09/17 21:27	1
Xylenes, Total	3.0	U	3.0	0.50	ug/L			05/09/17 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*70 - 130*		*05/09/17 21:27*	*1*

Client Sample ID: 6489-DP-5 (8-18)

Lab Sample ID: 680-138014-5
Date Collected: 04/26/17 10:05
Matrix: Water
Date Received: 04/27/17 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	9.9	ug/L			05/09/17 21:45	1
Benzene	1.0	U	1.0	0.50	ug/L			05/09/17 21:45	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/09/17 21:45	1
Bromoform	1.0	U	1.0	0.63	ug/L			05/09/17 21:45	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/09/17 21:45	1
2-Butanone (MEK)	10	U	10	8.4	ug/L			05/09/17 21:45	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/09/17 21:45	1
Carbon tetrachloride	1.0	U	1.0	0.43	ug/L			05/09/17 21:45	1
Chlorobenzene	1.0	U	1.0	0.63	ug/L			05/09/17 21:45	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/09/17 21:45	1
Chloroform	1.0	U	1.0	0.90	ug/L			05/09/17 21:45	1
Chloromethane	4.0	U	4.0	1.0	ug/L			05/09/17 21:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.65	ug/L			05/09/17 21:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.39	ug/L			05/09/17 21:45	1
Dibromochloromethane	1.0	U	1.0	0.31	ug/L			05/09/17 21:45	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.5	ug/L			05/09/17 21:45	1
1,2-Dibromoethane	1.0	U	1.0	0.50	ug/L			05/09/17 21:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.49	ug/L			05/09/17 21:45	1
1,3-Dichlorobenzene	1.0	U	1.0	0.64	ug/L			05/09/17 21:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.60	ug/L			05/09/17 21:45	1
Dichlorodifluoromethane	5.0	U	5.0	2.5	ug/L			05/09/17 21:45	1
1,1-Dichloroethane	1.0	U	1.0	0.52	ug/L			05/09/17 21:45	1
1,2-Dichloroethane	1.0	U	1.0	0.57	ug/L			05/09/17 21:45	1
1,1-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/09/17 21:45	1
1,2-Dichloropropane	1.0	U	1.0	0.52	ug/L			05/09/17 21:45	1
Ethylbenzene	1.0	U	1.0	0.44	ug/L			05/09/17 21:45	1
2-Hexanone	10	U	10	4.4	ug/L			05/09/17 21:45	1
Isopropylbenzene	1.0	U	1.0	0.52	ug/L			05/09/17 21:45	1
Methylene Chloride	10	U	10	5.0	ug/L			05/09/17 21:45	1
4-Methyl-2-pentanone	10	U	10	4.0	ug/L			05/09/17 21:45	1
Methyl tert-butyl ether	1.0	U	1.0	0.44	ug/L			05/09/17 21:45	1
Styrene	2.0	U	2.0	0.98	ug/L			05/09/17 21:45	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.17	ug/L			05/09/17 21:45	1
Tetrachloroethene	1.0	U	1.0	0.50	ug/L			05/09/17 21:45	1
Toluene	1.0	U	1.0	0.51	ug/L			05/09/17 21:45	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/09/17 21:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.27	ug/L			05/09/17 21:45	1

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Client Sample ID: 6489-DP-5 (8-18)

Lab Sample ID: 680-138014-5
Date Collected: 04/26/17 10:05
Matrix: Water
Date Received: 04/27/17 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	1.0	U	1.0	0.58	ug/L			05/09/17 21:45	1
1,1,1-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/09/17 21:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/09/17 21:45	1
Trichloroethene	1.0	U	1.0	0.61	ug/L			05/09/17 21:45	1
Trichlorofluoromethane	5.0	U	5.0	2.5	ug/L			05/09/17 21:45	1
Vinyl chloride	1.0	U	1.0	0.71	ug/L			05/09/17 21:45	1
Xylenes, Total	3.0	U	3.0	0.50	ug/L			05/09/17 21:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*70 - 130*		*05/09/17 21:45*	*1*

Client Sample ID: 6489-DP-6 (1-2)

Lab Sample ID: 680-138014-6
Date Collected: 04/26/17 11:18
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.1	U	5.1	0.97	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Chloromethane	5.1	U	5.1	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Vinyl chloride	5.1	U	5.1	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Bromomethane	5.1	U	5.1	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Chloroethane	5.1	U	5.1	2.8	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Trichlorofluoromethane	5.1	U	5.1	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
1,1-Dichloroethene	5.1	U	5.1	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Acetone	51	U	51	11	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Carbon disulfide	5.1	U	5.1	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Methylene Chloride	5.1	U	5.1	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
trans-1,2-Dichloroethene	5.1	U	5.1	0.65	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Methyl tert-butyl ether	5.1	U	5.1	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
1,1-Dichloroethane	5.1	U	5.1	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
cis-1,2-Dichloroethene	**2.9**	**J**	5.1	1.4	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
2-Butanone (MEK)	26	U	26	2.5	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Chloroform	5.1	U	5.1	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
1,1,1-Trichloroethane	5.1	U	5.1	0.61	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Carbon tetrachloride	5.1	U	5.1	0.85	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Benzene	5.1	U	5.1	0.75	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
1,2-Dichloroethane	5.1	U	5.1	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Trichloroethene	**2.0**	**J**	5.1	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
1,2-Dichloropropane	5.1	U	5.1	0.89	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Bromodichloromethane	5.1	U	5.1	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
cis-1,3-Dichloropropene	5.1	U	5.1	0.85	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
4-Methyl-2-pentanone	26	U	26	4.3	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Toluene	5.1	U	5.1	0.86	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
trans-1,3-Dichloropropene	5.1	U	5.1	0.90	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
1,1,2-Trichloroethane	5.1	U	5.1	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Tetrachloroethene	**19**		5.1	2.0	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
2-Hexanone	26	U	26	3.4	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Dibromochloromethane	5.1	U	5.1	1.8	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
1,2-Dibromoethane	5.1	U	5.1	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Chlorobenzene	5.1	U	5.1	0.99	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1

Client Sample ID: 6489-DP-6 (1-2)

Lab Sample ID: 680-138014-6
Date Collected: 04/26/17 11:18
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	5.1	U	5.1	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Xylenes, Total	10	U	10	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Styrene	5.1	U	5.1	0.96	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Bromoform	5.1	U	5.1	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
Isopropylbenzene	5.1	U	5.1	2.0	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
1,1,2,2-Tetrachloroethane	5.1	U	5.1	1.6	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
1,3-Dichlorobenzene	5.1	U	5.1	1.6	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
1,4-Dichlorobenzene	5.1	U	5.1	0.76	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
1,2-Dichlorobenzene	5.1	U	5.1	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
1,2-Dibromo-3-Chloropropane	10	U	10	4.5	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1
1,2,4-Trichlorobenzene	5.1	U	5.1	0.92	ug/Kg	☼	04/27/17 12:17	05/04/17 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*70 - 130*	*04/27/17 12:17*	*05/04/17 16:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*131*	*X*	*70 - 130*	*04/27/17 12:17*	*05/04/17 16:10*	*1*
Dibromofluoromethane (Surr)	*127*		*70 - 130*	*04/27/17 12:17*	*05/04/17 16:10*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/27/17 12:17*	*05/04/17 16:10*	*1*

Client Sample ID: 6489-DP-6 (15-16)

Lab Sample ID: 680-138014-7
Date Collected: 04/26/17 11:23
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 78.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.0	U	5.0	0.93	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Chloromethane	5.0	U	5.0	0.99	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Vinyl chloride	5.0	U	5.0	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Bromomethane	5.0	U	5.0	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Chloroethane	5.0	U	5.0	2.7	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Trichlorofluoromethane	5.0	U	5.0	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
1,1-Dichloroethene	5.0	U	5.0	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Acetone	**17**	**J**	50	11	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Carbon disulfide	5.0	U	5.0	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Methylene Chloride	5.0	U	5.0	0.97	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.63	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Methyl tert-butyl ether	5.0	U	5.0	0.99	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
1,1-Dichloroethane	5.0	U	5.0	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
cis-1,2-Dichloroethene	5.0	U	5.0	1.4	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
2-Butanone (MEK)	25	U	25	2.4	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Chloroform	5.0	U	5.0	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
1,1,1-Trichloroethane	5.0	U	5.0	0.59	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Carbon tetrachloride	5.0	U	5.0	0.82	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Benzene	5.0	U	5.0	0.73	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
1,2-Dichloroethane	5.0	U	5.0	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Trichloroethene	5.0	U	5.0	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
1,2-Dichloropropane	5.0	U	5.0	0.85	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Bromodichloromethane	5.0	U	5.0	0.96	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.82	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
4-Methyl-2-pentanone	25	U	25	4.2	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Toluene	5.0	U	5.0	0.83	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Client Sample ID: 6489-DP-6 (15-16)

Lab Sample ID: 680-138014-7
Date Collected: 04/26/17 11:23
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 78.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	5.0	U	5.0	0.86	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
1,1,2-Trichloroethane	5.0	U	5.0	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Tetrachloroethene	5.0	U	5.0	1.9	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
2-Hexanone	25	U	25	3.3	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Dibromochloromethane	5.0	U	5.0	1.7	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
1,2-Dibromoethane	5.0	U	5.0	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Chlorobenzene	5.0	U	5.0	0.95	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Ethylbenzene	5.0	U	5.0	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Xylenes, Total	9.9	U	9.9	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Styrene	5.0	U	5.0	0.92	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Bromoform	5.0	U	5.0	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
Isopropylbenzene	5.0	U	5.0	1.9	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	1.6	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
1,3-Dichlorobenzene	5.0	U	5.0	1.6	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
1,4-Dichlorobenzene	5.0	U	5.0	0.74	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
1,2-Dichlorobenzene	5.0	U	5.0	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
1,2-Dibromo-3-Chloropropane	9.9	U	9.9	4.4	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1
1,2,4-Trichlorobenzene	5.0	U	5.0	0.88	ug/Kg	☼	04/27/17 12:17	05/04/17 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*70 - 130*	*04/27/17 12:17*	*05/04/17 16:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*121*		*70 - 130*	*04/27/17 12:17*	*05/04/17 16:33*	*1*
Dibromofluoromethane (Surr)	*120*		*70 - 130*	*04/27/17 12:17*	*05/04/17 16:33*	*1*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*04/27/17 12:17*	*05/04/17 16:33*	*1*

Client Sample ID: 6489-DP-6 (4-5)

Lab Sample ID: 680-138014-8
Date Collected: 04/26/17 12:46
Matrix: Water
Date Received: 04/27/17 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	9.9	ug/L			05/09/17 22:04	1
Benzene	1.0	U	1.0	0.50	ug/L			05/09/17 22:04	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/09/17 22:04	1
Bromoform	1.0	U	1.0	0.63	ug/L			05/09/17 22:04	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/09/17 22:04	1
2-Butanone (MEK)	10	U	10	8.4	ug/L			05/09/17 22:04	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/09/17 22:04	1
Carbon tetrachloride	1.0	U	1.0	0.43	ug/L			05/09/17 22:04	1
Chlorobenzene	1.0	U	1.0	0.63	ug/L			05/09/17 22:04	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/09/17 22:04	1
Chloroform	1.0	U	1.0	0.90	ug/L			05/09/17 22:04	1
Chloromethane	4.0	U	4.0	1.0	ug/L			05/09/17 22:04	1
cis-1,2-Dichloroethene	**23**		1.0	0.65	ug/L			05/09/17 22:04	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.39	ug/L			05/09/17 22:04	1
Dibromochloromethane	1.0	U	1.0	0.31	ug/L			05/09/17 22:04	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.5	ug/L			05/09/17 22:04	1
1,2-Dibromoethane	1.0	U	1.0	0.50	ug/L			05/09/17 22:04	1
1,2-Dichlorobenzene	1.0	U	1.0	0.49	ug/L			05/09/17 22:04	1
1,3-Dichlorobenzene	1.0	U	1.0	0.64	ug/L			05/09/17 22:04	1

Client Sample ID: 6489-DP-6 (4-5)

Lab Sample ID: 680-138014-8
Date Collected: 04/26/17 12:46
Matrix: Water
Date Received: 04/27/17 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	1.0	U	1.0	0.60	ug/L			05/09/17 22:04	1
Dichlorodifluoromethane	5.0	U	5.0	2.5	ug/L			05/09/17 22:04	1
1,1-Dichloroethane	1.0	U	1.0	0.52	ug/L			05/09/17 22:04	1
1,2-Dichloroethane	1.0	U	1.0	0.57	ug/L			05/09/17 22:04	1
1,1-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/09/17 22:04	1
1,2-Dichloropropane	1.0	U	1.0	0.52	ug/L			05/09/17 22:04	1
Ethylbenzene	**1.4**		1.0	0.44	ug/L			05/09/17 22:04	1
2-Hexanone	10	U	10	4.4	ug/L			05/09/17 22:04	1
Isopropylbenzene	**59**		1.0	0.52	ug/L			05/09/17 22:04	1
Methylene Chloride	10	U	10	5.0	ug/L			05/09/17 22:04	1
4-Methyl-2-pentanone	10	U	10	4.0	ug/L			05/09/17 22:04	1
Methyl tert-butyl ether	1.0	U	1.0	0.44	ug/L			05/09/17 22:04	1
Styrene	2.0	U	2.0	0.98	ug/L			05/09/17 22:04	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.17	ug/L			05/09/17 22:04	1
Tetrachloroethene	**0.99**	**J**	1.0	0.50	ug/L			05/09/17 22:04	1
Toluene	1.0	U	1.0	0.51	ug/L			05/09/17 22:04	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/09/17 22:04	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.27	ug/L			05/09/17 22:04	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.58	ug/L			05/09/17 22:04	1
1,1,1-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/09/17 22:04	1
1,1,2-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/09/17 22:04	1
Trichloroethene	1.0	U	1.0	0.61	ug/L			05/09/17 22:04	1
Trichlorofluoromethane	5.0	U	5.0	2.5	ug/L			05/09/17 22:04	1
Vinyl chloride	**13**		1.0	0.71	ug/L			05/09/17 22:04	1
Xylenes, Total	**0.74**	**J**	3.0	0.50	ug/L			05/09/17 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*70 - 130*		*05/09/17 22:04*	*1*

Client Sample ID: 6489-DP-7 (4-6)

Lab Sample ID: 680-138014-10
Date Collected: 04/26/17 14:59
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 90.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	7600	U	7600	1400	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Chloromethane	7600	U	7600	1500	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Vinyl chloride	7600	U	7600	2300	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Bromomethane	7600	U	7600	2300	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Chloroethane	7600	U	7600	4100	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Trichlorofluoromethane	7600	U	7600	1800	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
1,1-Dichloroethene	7600	U	7600	2300	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Acetone	76000	U	76000	17000	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Carbon disulfide	7600	U	7600	1700	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Methylene Chloride	7600	U	7600	1500	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
trans-1,2-Dichloroethene	7600	U	7600	950	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Methyl tert-butyl ether	7600	U	7600	1500	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
1,1-Dichloroethane	7600	U	7600	1700	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
cis-1,2-Dichloroethene	7600	U	7600	2100	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
2-Butanone (MEK)	38000	U	38000	3600	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000

Client Sample ID: 6489-DP-7 (4-6)

Date Collected: 04/26/17 14:59
Date Received: 04/27/17 09:30

Lab Sample ID: 680-138014-10

Matrix: Solid
Percent Solids: 90.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	7600	U	7600	1700	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
1,1,1-Trichloroethane	7600	U	7600	890	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Carbon tetrachloride	7600	U	7600	1300	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Benzene	7600	U	7600	1100	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
1,2-Dichloroethane	7600	U	7600	1700	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Trichloroethene	**3500**	**J**	7600	2000	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
1,2-Dichloropropane	7600	U	7600	1300	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Bromodichloromethane	7600	U	7600	1500	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
cis-1,3-Dichloropropene	7600	U	7600	1300	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
4-Methyl-2-pentanone	38000	U	38000	6300	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Toluene	**1600**	**J**	7600	1300	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
trans-1,3-Dichloropropene	7600	U	7600	1300	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
1,1,2-Trichloroethane	7600	U	7600	2000	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
2-Hexanone	38000	U	38000	5000	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Dibromochloromethane	7600	U	7600	2600	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
1,2-Dibromoethane	7600	U	7600	2300	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Chlorobenzene	7600	U	7600	1500	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Ethylbenzene	7600	U	7600	2000	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Xylenes, Total	15000	U	15000	1700	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Styrene	7600	U	7600	1400	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Bromoform	7600	U	7600	2300	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
Isopropylbenzene	7600	U	7600	2900	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
1,1,2,2-Tetrachloroethane	7600	U	7600	2400	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
1,3-Dichlorobenzene	7600	U	7600	2400	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
1,4-Dichlorobenzene	7600	U	7600	1100	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
1,2-Dichlorobenzene	7600	U	7600	2000	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
1,2-Dibromo-3-Chloropropane	15000	U	15000	6600	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000
1,2,4-Trichlorobenzene	7600	U	7600	1300	ug/Kg	☼	04/27/17 12:17	05/04/17 15:49	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*70 - 130*	*04/27/17 12:17*	*05/04/17 15:49*	*2000*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*	*04/27/17 12:17*	*05/04/17 15:49*	*2000*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*04/27/17 12:17*	*05/04/17 15:49*	*2000*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*04/27/17 12:17*	*05/04/17 15:49*	*2000*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**650000**		76000	29000	ug/Kg	☼	04/27/17 12:17	05/05/17 19:17	20000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*70 - 130*	*04/27/17 12:17*	*05/05/17 19:17*	*20000*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*04/27/17 12:17*	*05/05/17 19:17*	*20000*
Dibromofluoromethane (Surr)	*110*		*70 - 130*	*04/27/17 12:17*	*05/05/17 19:17*	*20000*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*04/27/17 12:17*	*05/05/17 19:17*	*20000*

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Client Sample ID: 6489-DP-7 (18-19)

Date Collected: 04/26/17 14:53
Date Received: 04/27/17 09:30

Lab Sample ID: 680-138014-11

Matrix: Solid
Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	3.9	U	3.9	0.72	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Chloromethane	3.9	U	3.9	0.77	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Vinyl chloride	3.9	U	3.9	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Bromomethane	3.9	U	3.9	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Chloroethane	3.9	U	3.9	2.1	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Trichlorofluoromethane	3.9	U	3.9	0.92	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
1,1-Dichloroethene	3.9	U	3.9	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Acetone	39	U	39	8.5	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Carbon disulfide	3.9	U	3.9	0.85	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Methylene Chloride	3.9	U	3.9	0.75	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
trans-1,2-Dichloroethene	3.9	U	3.9	0.49	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Methyl tert-butyl ether	3.9	U	3.9	0.77	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
1,1-Dichloroethane	3.9	U	3.9	0.85	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
cis-1,2-Dichloroethene	3.9	U	3.9	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
2-Butanone (MEK)	19	U	19	1.8	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Chloroform	3.9	U	3.9	0.85	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
1,1,1-Trichloroethane	3.9	U	3.9	0.45	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Carbon tetrachloride	3.9	U	3.9	0.64	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Benzene	3.9	U	3.9	0.56	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
1,2-Dichloroethane	3.9	U	3.9	0.85	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Trichloroethene	3.9	U	3.9	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
1,2-Dichloropropane	3.9	U	3.9	0.66	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Bromodichloromethane	3.9	U	3.9	0.75	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
cis-1,3-Dichloropropene	3.9	U	3.9	0.64	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
4-Methyl-2-pentanone	19	U	19	3.2	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Toluene	3.9	U	3.9	0.65	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
trans-1,3-Dichloropropene	3.9	U	3.9	0.67	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
1,1,2-Trichloroethane	3.9	U	3.9	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Tetrachloroethene	**8.5**		3.9	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
2-Hexanone	19	U	19	2.5	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Dibromochloromethane	3.9	U	3.9	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
1,2-Dibromoethane	3.9	U	3.9	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Chlorobenzene	3.9	U	3.9	0.74	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Ethylbenzene	3.9	U	3.9	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Xylenes, Total	7.7	U	7.7	0.85	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Styrene	3.9	U	3.9	0.72	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Bromoform	3.9	U	3.9	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
Isopropylbenzene	3.9	U	3.9	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
1,1,2,2-Tetrachloroethane	3.9	U	3.9	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
1,3-Dichlorobenzene	3.9	U	3.9	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
1,4-Dichlorobenzene	3.9	U	3.9	0.57	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
1,2-Dichlorobenzene	3.9	U	3.9	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
1,2-Dibromo-3-Chloropropane	7.7	U	7.7	3.4	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1
1,2,4-Trichlorobenzene	3.9	U	3.9	0.69	ug/Kg	☼	04/27/17 12:17	05/04/17 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*70 - 130*	*04/27/17 12:17*	*05/04/17 16:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*70 - 130*	*04/27/17 12:17*	*05/04/17 16:56*	*1*
Dibromofluoromethane (Surr)	*120*		*70 - 130*	*04/27/17 12:17*	*05/04/17 16:56*	*1*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*04/27/17 12:17*	*05/04/17 16:56*	*1*

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Client Sample ID: 6489-DP-7 (22-23.5)

Date Collected: 04/26/17 14:47
Date Received: 04/27/17 09:30

Lab Sample ID: 680-138014-12

Matrix: Solid
Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.3	U	5.3	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Chloromethane	5.3	U	5.3	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Vinyl chloride	5.3	U	5.3	1.6	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Bromomethane	5.3	U	5.3	1.6	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Chloroethane	5.3	U	5.3	2.9	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Trichlorofluoromethane	5.3	U	5.3	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
1,1-Dichloroethene	5.3	U	5.3	1.6	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Acetone	53	U	53	12	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Carbon disulfide	5.3	U	5.3	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Methylene Chloride	5.3	U	5.3	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
trans-1,2-Dichloroethene	5.3	U	5.3	0.67	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Methyl tert-butyl ether	5.3	U	5.3	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
1,1-Dichloroethane	5.3	U	5.3	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
cis-1,2-Dichloroethene	5.3	U	5.3	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
2-Butanone (MEK)	27	U	27	2.6	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Chloroform	5.3	U	5.3	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
1,1,1-Trichloroethane	5.3	U	5.3	0.63	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Carbon tetrachloride	5.3	U	5.3	0.89	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Benzene	5.3	U	5.3	0.78	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
1,2-Dichloroethane	5.3	U	5.3	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Trichloroethene	5.3	U	5.3	1.4	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
1,2-Dichloropropane	5.3	U	5.3	0.92	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Bromodichloromethane	5.3	U	5.3	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
cis-1,3-Dichloropropene	5.3	U	5.3	0.89	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
4-Methyl-2-pentanone	27	U	27	4.5	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Toluene	5.3	U	5.3	0.90	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
trans-1,3-Dichloropropene	5.3	U	5.3	0.93	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
1,1,2-Trichloroethane	5.3	U	5.3	1.4	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Tetrachloroethene	**7.2**		5.3	2.0	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
2-Hexanone	27	U	27	3.5	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Dibromochloromethane	5.3	U	5.3	1.8	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
1,2-Dibromoethane	5.3	U	5.3	1.6	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Chlorobenzene	5.3	U	5.3	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Ethylbenzene	5.3	U	5.3	1.4	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Xylenes, Total	11	U	11	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Styrene	5.3	U	5.3	0.99	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Bromoform	5.3	U	5.3	1.6	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
Isopropylbenzene	5.3	U	5.3	2.0	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
1,1,2,2-Tetrachloroethane	5.3	U	5.3	1.7	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
1,3-Dichlorobenzene	5.3	U	5.3	1.7	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
1,4-Dichlorobenzene	5.3	U	5.3	0.79	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
1,2-Dichlorobenzene	5.3	U	5.3	1.4	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
1,2-Dibromo-3-Chloropropane	11	U	11	4.7	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1
1,2,4-Trichlorobenzene	5.3	U	5.3	0.95	ug/Kg	☼	04/27/17 12:17	05/04/17 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*70 - 130*	*04/27/17 12:17*	*05/04/17 17:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*124*		*70 - 130*	*04/27/17 12:17*	*05/04/17 17:19*	*1*
Dibromofluoromethane (Surr)	*119*		*70 - 130*	*04/27/17 12:17*	*05/04/17 17:19*	*1*

Client Sample ID: 6489-DP-7 (22-23.5)

Lab Sample ID: 680-138014-12
Date Collected: 04/26/17 14:47
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 87.7

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	04/27/17 12:17	05/04/17 17:19	1

Client Sample ID: 6489-DP-8 (3-4)

Lab Sample ID: 680-138014-14
Date Collected: 04/26/17 18:05
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.9	U	5.9	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Chloromethane	5.9	U	5.9	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Vinyl chloride	5.9	U	5.9	1.8	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Bromomethane	5.9	U	5.9	1.8	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Chloroethane	5.9	U	5.9	3.2	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Trichlorofluoromethane	5.9	U	5.9	1.4	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
1,1-Dichloroethene	5.9	U	5.9	1.8	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Acetone	59	U	59	13	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Carbon disulfide	5.9	U	5.9	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Methylene Chloride	5.9	U	5.9	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
trans-1,2-Dichloroethene	5.9	U	5.9	0.74	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Methyl tert-butyl ether	5.9	U	5.9	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
1,1-Dichloroethane	5.9	U	5.9	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
cis-1,2-Dichloroethene	5.9	U	5.9	1.6	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
2-Butanone (MEK)	29	U	29	2.8	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Chloroform	5.9	U	5.9	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
1,1,1-Trichloroethane	5.9	U	5.9	0.69	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Carbon tetrachloride	5.9	U	5.9	0.98	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Benzene	5.9	U	5.9	0.86	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
1,2-Dichloroethane	5.9	U	5.9	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Trichloroethene	5.9	U	5.9	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
1,2-Dichloropropane	5.9	U	5.9	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Bromodichloromethane	5.9	U	5.9	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
cis-1,3-Dichloropropene	5.9	U	5.9	0.98	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
4-Methyl-2-pentanone	29	U	29	4.9	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Toluene	5.9	U	5.9	0.99	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
trans-1,3-Dichloropropene	5.9	U	5.9	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
1,1,2-Trichloroethane	5.9	U	5.9	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Tetrachloroethene	5.9	U	5.9	2.2	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
2-Hexanone	29	U	29	3.9	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Dibromochloromethane	5.9	U	5.9	2.0	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
1,2-Dibromoethane	5.9	U	5.9	1.8	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Chlorobenzene	5.9	U	5.9	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Ethylbenzene	5.9	U	5.9	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Xylenes, Total	12	U	12	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Styrene	5.9	U	5.9	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Bromoform	5.9	U	5.9	1.8	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
Isopropylbenzene	5.9	U	5.9	2.2	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
1,1,2,2-Tetrachloroethane	5.9	U	5.9	1.9	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
1,3-Dichlorobenzene	5.9	U	5.9	1.9	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
1,4-Dichlorobenzene	5.9	U	5.9	0.87	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1

Client Sample ID: 6489-DP-8 (3-4)

Lab Sample ID: 680-138014-14

Date Collected: 04/26/17 18:05
Date Received: 04/27/17 09:30

Matrix: Solid
Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	5.9	U	5.9	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
1,2-Dibromo-3-Chloropropane	12	U	12	5.2	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1
1,2,4-Trichlorobenzene	5.9	U	5.9	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*70 - 130*	*04/27/17 12:17*	*05/04/17 17:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*121*		*70 - 130*	*04/27/17 12:17*	*05/04/17 17:42*	*1*
Dibromofluoromethane (Surr)	*118*		*70 - 130*	*04/27/17 12:17*	*05/04/17 17:42*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*04/27/17 12:17*	*05/04/17 17:42*	*1*

Client Sample ID: 6489-DP-8 (8-10)

Lab Sample ID: 680-138014-15

Date Collected: 04/26/17 18:10
Date Received: 04/27/17 09:30

Matrix: Solid
Percent Solids: 76.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.5	U	5.5	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Chloromethane	5.5	U	5.5	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Vinyl chloride	5.5	U	5.5	1.7	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Bromomethane	5.5	U	5.5	1.7	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Chloroethane	5.5	U	5.5	3.0	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Trichlorofluoromethane	5.5	U	5.5	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
1,1-Dichloroethene	5.5	U	5.5	1.7	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Acetone	55	U	55	12	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Carbon disulfide	5.5	U	5.5	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Methylene Chloride	5.5	U	5.5	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
trans-1,2-Dichloroethene	5.5	U	5.5	0.70	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Methyl tert-butyl ether	5.5	U	5.5	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
1,1-Dichloroethane	5.5	U	5.5	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
cis-1,2-Dichloroethene	5.5	U	5.5	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
2-Butanone (MEK)	28	U	28	2.6	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Chloroform	5.5	U	5.5	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
1,1,1-Trichloroethane	5.5	U	5.5	0.65	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Carbon tetrachloride	5.5	U	5.5	0.92	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Benzene	5.5	U	5.5	0.81	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
1,2-Dichloroethane	5.5	U	5.5	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Trichloroethene	5.5	U	5.5	1.4	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
1,2-Dichloropropane	5.5	U	5.5	0.95	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Bromodichloromethane	5.5	U	5.5	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
cis-1,3-Dichloropropene	5.5	U	5.5	0.92	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
4-Methyl-2-pentanone	28	U	28	4.6	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Toluene	5.5	U	5.5	0.93	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
trans-1,3-Dichloropropene	5.5	U	5.5	0.96	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
1,1,2-Trichloroethane	5.5	U	5.5	1.4	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Tetrachloroethene	5.5	U	5.5	2.1	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
2-Hexanone	28	U	28	3.6	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Dibromochloromethane	5.5	U	5.5	1.9	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
1,2-Dibromoethane	5.5	U	5.5	1.7	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Chlorobenzene	5.5	U	5.5	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Ethylbenzene	5.5	U	5.5	1.4	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1

Client Sample ID: 6489-DP-8 (8-10)

Lab Sample ID: 680-138014-15

Date Collected: 04/26/17 18:10
Date Received: 04/27/17 09:30

Matrix: Solid
Percent Solids: 76.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	11	U	11	1.2	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Styrene	5.5	U	5.5	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Bromoform	5.5	U	5.5	1.7	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
Isopropylbenzene	5.5	U	5.5	2.1	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
1,1,2,2-Tetrachloroethane	5.5	U	5.5	1.8	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
1,3-Dichlorobenzene	5.5	U	5.5	1.8	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
1,4-Dichlorobenzene	5.5	U	5.5	0.82	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
1,2-Dichlorobenzene	5.5	U	5.5	1.4	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
1,2-Dibromo-3-Chloropropane	11	U	11	4.9	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1
1,2,4-Trichlorobenzene	5.5	U	5.5	0.98	ug/Kg	☼	04/27/17 12:17	05/04/17 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*70 - 130*	*04/27/17 12:17*	*05/04/17 18:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*70 - 130*	*04/27/17 12:17*	*05/04/17 18:05*	*1*
Dibromofluoromethane (Surr)	*122*		*70 - 130*	*04/27/17 12:17*	*05/04/17 18:05*	*1*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*04/27/17 12:17*	*05/04/17 18:05*	*1*

Client Sample ID: 6489-DP-8 (18-19)

Lab Sample ID: 680-138014-16

Date Collected: 04/26/17 18:15
Date Received: 04/27/17 09:30

Matrix: Solid
Percent Solids: 72.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.7	U	5.7	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Chloromethane	5.7	U	5.7	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Vinyl chloride	5.7	U	5.7	1.7	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Bromomethane	5.7	U	5.7	1.7	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Chloroethane	5.7	U	5.7	3.1	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Trichlorofluoromethane	5.7	U	5.7	1.4	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
1,1-Dichloroethene	5.7	U	5.7	1.7	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Acetone	57	U	57	13	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Carbon disulfide	5.7	U	5.7	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Methylene Chloride	5.7	U	5.7	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
trans-1,2-Dichloroethene	5.7	U	5.7	0.72	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Methyl tert-butyl ether	5.7	U	5.7	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
1,1-Dichloroethane	5.7	U	5.7	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
cis-1,2-Dichloroethene	5.7	U	5.7	1.6	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
2-Butanone (MEK)	29	U	29	2.7	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Chloroform	5.7	U	5.7	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
1,1,1-Trichloroethane	5.7	U	5.7	0.67	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Carbon tetrachloride	5.7	U	5.7	0.95	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Benzene	5.7	U	5.7	0.83	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
1,2-Dichloroethane	5.7	U	5.7	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Trichloroethene	5.7	U	5.7	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
1,2-Dichloropropane	5.7	U	5.7	0.98	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Bromodichloromethane	5.7	U	5.7	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
cis-1,3-Dichloropropene	5.7	U	5.7	0.95	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
4-Methyl-2-pentanone	29	U	29	4.8	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Toluene	5.7	U	5.7	0.96	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
trans-1,3-Dichloropropene	5.7	U	5.7	0.99	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1

Client Sample ID: 6489-DP-8 (18-19)

Lab Sample ID: 680-138014-16

Date Collected: 04/26/17 18:15
Date Received: 04/27/17 09:30

Matrix: Solid
Percent Solids: 72.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	5.7	U	5.7	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Tetrachloroethene	5.7	U	5.7	2.2	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
2-Hexanone	29	U	29	3.8	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Dibromochloromethane	5.7	U	5.7	1.9	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
1,2-Dibromoethane	5.7	U	5.7	1.7	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Chlorobenzene	5.7	U	5.7	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Ethylbenzene	5.7	U	5.7	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Xylenes, Total	11	U	11	1.3	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Styrene	5.7	U	5.7	1.1	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Bromoform	5.7	U	5.7	1.7	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
Isopropylbenzene	5.7	U	5.7	2.2	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
1,1,2,2-Tetrachloroethane	5.7	U	5.7	1.8	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
1,3-Dichlorobenzene	5.7	U	5.7	1.8	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
1,4-Dichlorobenzene	5.7	U	5.7	0.84	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
1,2-Dichlorobenzene	5.7	U	5.7	1.5	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
1,2-Dibromo-3-Chloropropane	11	U	11	5.0	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1
1,2,4-Trichlorobenzene	5.7	U	5.7	1.0	ug/Kg	☼	04/27/17 12:17	05/04/17 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*70 - 130*	*04/27/17 12:17*	*05/04/17 18:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*122*		*70 - 130*	*04/27/17 12:17*	*05/04/17 18:27*	*1*
Dibromofluoromethane (Surr)	*120*		*70 - 130*	*04/27/17 12:17*	*05/04/17 18:27*	*1*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*04/27/17 12:17*	*05/04/17 18:27*	*1*

Client Sample ID: 6489-DP-8 (13-17)

Lab Sample ID: 680-138014-17

Date Collected: 04/26/17 18:20
Date Received: 04/27/17 09:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	100	U	100	50	ug/L			05/09/17 22:41	5
Benzene	5.0	U	5.0	2.5	ug/L			05/09/17 22:41	5
Bromodichloromethane	5.0	U	5.0	2.2	ug/L			05/09/17 22:41	5
Bromoform	5.0	U	5.0	3.2	ug/L			05/09/17 22:41	5
Bromomethane	25	U	25	13	ug/L			05/09/17 22:41	5
2-Butanone (MEK)	50	U	50	42	ug/L			05/09/17 22:41	5
Carbon disulfide	10	U	10	5.0	ug/L			05/09/17 22:41	5
Carbon tetrachloride	5.0	U	5.0	2.2	ug/L			05/09/17 22:41	5
Chlorobenzene	5.0	U	5.0	3.2	ug/L			05/09/17 22:41	5
Chloroethane	25	U	25	13	ug/L			05/09/17 22:41	5
Chloroform	5.0	U	5.0	4.5	ug/L			05/09/17 22:41	5
Chloromethane	20	U	20	5.0	ug/L			05/09/17 22:41	5
cis-1,2-Dichloroethene	**7.9**		5.0	3.3	ug/L			05/09/17 22:41	5
cis-1,3-Dichloropropene	5.0	U	5.0	2.0	ug/L			05/09/17 22:41	5
Dibromochloromethane	5.0	U	5.0	1.6	ug/L			05/09/17 22:41	5
1,2-Dibromo-3-Chloropropane	25	U	25	13	ug/L			05/09/17 22:41	5
1,2-Dibromoethane	5.0	U	5.0	2.5	ug/L			05/09/17 22:41	5
1,2-Dichlorobenzene	5.0	U	5.0	2.5	ug/L			05/09/17 22:41	5
1,3-Dichlorobenzene	5.0	U	5.0	3.2	ug/L			05/09/17 22:41	5
1,4-Dichlorobenzene	5.0	U	5.0	3.0	ug/L			05/09/17 22:41	5

Client Sample ID: 6489-DP-8 (13-17)

Lab Sample ID: 680-138014-17

Date Collected: 04/26/17 18:20
Matrix: Water
Date Received: 04/27/17 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	25	U	25	13	ug/L			05/09/17 22:41	5
1,1-Dichloroethane	5.0	U	5.0	2.6	ug/L			05/09/17 22:41	5
1,2-Dichloroethane	5.0	U	5.0	2.9	ug/L			05/09/17 22:41	5
1,1-Dichloroethene	5.0	U	5.0	3.4	ug/L			05/09/17 22:41	5
1,2-Dichloropropane	5.0	U	5.0	2.6	ug/L			05/09/17 22:41	5
Ethylbenzene	5.0	U	5.0	2.2	ug/L			05/09/17 22:41	5
2-Hexanone	50	U	50	22	ug/L			05/09/17 22:41	5
Isopropylbenzene	5.0	U	5.0	2.6	ug/L			05/09/17 22:41	5
Methylene Chloride	50	U	50	25	ug/L			05/09/17 22:41	5
4-Methyl-2-pentanone	50	U	50	20	ug/L			05/09/17 22:41	5
Methyl tert-butyl ether	5.0	U	5.0	2.2	ug/L			05/09/17 22:41	5
Styrene	10	U	10	4.9	ug/L			05/09/17 22:41	5
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.85	ug/L			05/09/17 22:41	5
Toluene	5.0	U	5.0	2.6	ug/L			05/09/17 22:41	5
trans-1,2-Dichloroethene	5.0	U	5.0	3.4	ug/L			05/09/17 22:41	5
trans-1,3-Dichloropropene	5.0	U	5.0	1.4	ug/L			05/09/17 22:41	5
1,2,4-Trichlorobenzene	5.0	U	5.0	2.9	ug/L			05/09/17 22:41	5
1,1,1-Trichloroethane	5.0	U	5.0	2.4	ug/L			05/09/17 22:41	5
1,1,2-Trichloroethane	5.0	U	5.0	2.4	ug/L			05/09/17 22:41	5
Trichloroethene	**29**		5.0	3.1	ug/L			05/09/17 22:41	5
Trichlorofluoromethane	25	U	25	13	ug/L			05/09/17 22:41	5
Vinyl chloride	5.0	U	5.0	3.6	ug/L			05/09/17 22:41	5
Xylenes, Total	15	U	15	2.5	ug/L			05/09/17 22:41	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*70 - 130*		*05/09/17 22:41*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**1200**		50	25	ug/L			05/09/17 22:22	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*70 - 130*		*05/09/17 22:22*	*50*

Client Sample ID: 6489-HA-1 (2-3)

Lab Sample ID: 680-138014-18

Date Collected: 04/26/17 16:25
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	190	U	190	36	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Chloromethane	190	U	190	39	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Vinyl chloride	190	U	190	58	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Bromomethane	190	U	190	58	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Chloroethane	190	U	190	100	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Trichlorofluoromethane	190	U	190	46	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
1,1-Dichloroethene	190	U	190	58	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Acetone	1900	U	1900	420	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Carbon disulfide	190	U	190	42	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Methylene Chloride	190	U	190	38	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40

Client Sample ID: 6489-HA-1 (2-3)

Lab Sample ID: 680-138014-18

Date Collected: 04/26/17 16:25
Date Received: 04/27/17 09:30

Matrix: Solid
Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	190	U	190	24	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Methyl tert-butyl ether	190	U	190	39	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
1,1-Dichloroethane	190	U	190	42	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
cis-1,2-Dichloroethene	190	U	190	54	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
2-Butanone (MEK)	960	U	960	93	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Chloroform	190	U	190	42	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
1,1,1-Trichloroethane	190	U	190	23	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Carbon tetrachloride	190	U	190	32	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Benzene	190	U	190	28	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
1,2-Dichloroethane	190	U	190	42	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Trichloroethene	**200**		190	50	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
1,2-Dichloropropane	190	U	190	33	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Bromodichloromethane	190	U	190	37	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
cis-1,3-Dichloropropene	190	U	190	32	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
4-Methyl-2-pentanone	960	U	960	160	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Toluene	**32**	**J**	190	32	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
trans-1,3-Dichloropropene	190	U	190	34	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
1,1,2-Trichloroethane	190	U	190	50	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Tetrachloroethene	**4400**		190	73	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
2-Hexanone	960	U	960	130	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Dibromochloromethane	190	U	190	66	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
1,2-Dibromoethane	190	U	190	58	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Chlorobenzene	190	U	190	37	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Ethylbenzene	190	U	190	50	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Xylenes, Total	390	U	390	42	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Styrene	190	U	190	36	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Bromoform	190	U	190	58	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
Isopropylbenzene	190	U	190	73	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
1,1,2,2-Tetrachloroethane	190	U	190	62	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
1,3-Dichlorobenzene	190	U	190	62	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
1,4-Dichlorobenzene	190	U	190	29	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
1,2-Dichlorobenzene	190	U	190	50	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
1,2-Dibromo-3-Chloropropane	390	U	390	170	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40
1,2,4-Trichlorobenzene	190	U	190	34	ug/Kg	☼	04/27/17 12:17	05/05/17 19:40	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*70 - 130*	*04/27/17 12:17*	*05/05/17 19:40*	*40*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*	*04/27/17 12:17*	*05/05/17 19:40*	*40*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*04/27/17 12:17*	*05/05/17 19:40*	*40*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*04/27/17 12:17*	*05/05/17 19:40*	*40*

Client Sample ID: 6489-HA-1 (4.5-5)

Lab Sample ID: 680-138014-19

Date Collected: 04/26/17 16:32
Date Received: 04/27/17 09:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	400	U	400	200	ug/L			05/09/17 21:25	20
Benzene	20	U	20	10	ug/L			05/09/17 21:25	20
Bromodichloromethane	20	U	20	8.8	ug/L			05/09/17 21:25	20

Client Sample ID: 6489-HA-1 (4.5-5)

Date Collected: 04/26/17 16:32
Date Received: 04/27/17 09:30

Lab Sample ID: 680-138014-19

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	20	U	20	13	ug/L			05/09/17 21:25	20
Bromomethane	100	U	100	50	ug/L			05/09/17 21:25	20
2-Butanone (MEK)	200	U	200	170	ug/L			05/09/17 21:25	20
Carbon disulfide	40	U	40	20	ug/L			05/09/17 21:25	20
Carbon tetrachloride	20	U	20	8.6	ug/L			05/09/17 21:25	20
Chlorobenzene	20	U	20	13	ug/L			05/09/17 21:25	20
Chloroethane	100	U	100	50	ug/L			05/09/17 21:25	20
Chloroform	20	U	20	18	ug/L			05/09/17 21:25	20
Chloromethane	80	U	80	20	ug/L			05/09/17 21:25	20
cis-1,3-Dichloropropene	20	U	20	7.8	ug/L			05/09/17 21:25	20
Dibromochloromethane	20	U	20	6.2	ug/L			05/09/17 21:25	20
1,2-Dibromo-3-Chloropropane	100	U	100	50	ug/L			05/09/17 21:25	20
1,2-Dibromoethane	20	U	20	10	ug/L			05/09/17 21:25	20
1,2-Dichlorobenzene	20	U	20	9.8	ug/L			05/09/17 21:25	20
1,3-Dichlorobenzene	20	U	20	13	ug/L			05/09/17 21:25	20
1,4-Dichlorobenzene	20	U	20	12	ug/L			05/09/17 21:25	20
Dichlorodifluoromethane	100	U	100	50	ug/L			05/09/17 21:25	20
1,1-Dichloroethane	20	U	20	10	ug/L			05/09/17 21:25	20
1,2-Dichloroethane	20	U	20	11	ug/L			05/09/17 21:25	20
1,1-Dichloroethene	20	U	20	13	ug/L			05/09/17 21:25	20
1,2-Dichloropropane	20	U	20	10	ug/L			05/09/17 21:25	20
Ethylbenzene	20	U	20	8.8	ug/L			05/09/17 21:25	20
2-Hexanone	200	U	200	88	ug/L			05/09/17 21:25	20
Isopropylbenzene	20	U	20	10	ug/L			05/09/17 21:25	20
Methylene Chloride	200	U	200	100	ug/L			05/09/17 21:25	20
4-Methyl-2-pentanone	200	U	200	80	ug/L			05/09/17 21:25	20
Methyl tert-butyl ether	20	U	20	8.8	ug/L			05/09/17 21:25	20
Styrene	40	U	40	20	ug/L			05/09/17 21:25	20
1,1,2,2-Tetrachloroethane	20	U	20	3.4	ug/L			05/09/17 21:25	20
Tetrachloroethene	**1500**		20	10	ug/L			05/09/17 21:25	20
Toluene	20	U	20	10	ug/L			05/09/17 21:25	20
trans-1,2-Dichloroethene	**45**		20	13	ug/L			05/09/17 21:25	20
trans-1,3-Dichloropropene	20	U	20	5.4	ug/L			05/09/17 21:25	20
1,2,4-Trichlorobenzene	20	U	20	12	ug/L			05/09/17 21:25	20
1,1,1-Trichloroethane	20	U	20	9.4	ug/L			05/09/17 21:25	20
1,1,2-Trichloroethane	20	U	20	9.4	ug/L			05/09/17 21:25	20
Trichloroethene	**290**		20	12	ug/L			05/09/17 21:25	20
Trichlorofluoromethane	100	U	100	50	ug/L			05/09/17 21:25	20
Vinyl chloride	**250**		20	14	ug/L			05/09/17 21:25	20
Xylenes, Total	60	U	60	10	ug/L			05/09/17 21:25	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*05/09/17 21:25*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**4500**		200	130	ug/L			05/09/17 16:41	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*05/09/17 16:41*	*200*

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Client Sample ID: 6489-DUP-1

Date Collected: 04/26/17 00:00
Date Received: 04/27/17 09:30

Lab Sample ID: 680-138014-20

Matrix: Solid
Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	73000	U	73000	14000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Chloromethane	73000	U	73000	15000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Vinyl chloride	73000	U	73000	22000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Bromomethane	73000	U	73000	22000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Chloroethane	73000	U	73000	39000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Trichlorofluoromethane	73000	U	73000	18000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
1,1-Dichloroethene	73000	U	73000	22000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Acetone	730000	U	730000	160000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Carbon disulfide	73000	U	73000	16000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Methylene Chloride	73000	U	73000	14000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
trans-1,2-Dichloroethene	73000	U	73000	9200	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Methyl tert-butyl ether	73000	U	73000	15000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
1,1-Dichloroethane	73000	U	73000	16000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
cis-1,2-Dichloroethene	73000	U	73000	20000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
2-Butanone (MEK)	370000	U	370000	35000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Chloroform	73000	U	73000	16000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
1,1,1-Trichloroethane	73000	U	73000	8600	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Carbon tetrachloride	73000	U	73000	12000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Benzene	73000	U	73000	11000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
1,2-Dichloroethane	73000	U	73000	16000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Trichloroethene	73000	U	73000	19000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
1,2-Dichloropropane	73000	U	73000	13000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Bromodichloromethane	73000	U	73000	14000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
cis-1,3-Dichloropropene	73000	U	73000	12000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
4-Methyl-2-pentanone	370000	U	370000	61000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Toluene	**15000**	**J**	73000	12000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
trans-1,3-Dichloropropene	73000	U	73000	13000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
1,1,2-Trichloroethane	73000	U	73000	19000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Tetrachloroethene	**850000**		73000	28000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
2-Hexanone	370000	U	370000	48000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Dibromochloromethane	73000	U	73000	25000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
1,2-Dibromoethane	73000	U	73000	22000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Chlorobenzene	73000	U	73000	14000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Ethylbenzene	73000	U	73000	19000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Xylenes, Total	150000	U	150000	16000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Styrene	73000	U	73000	14000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Bromoform	73000	U	73000	22000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
Isopropylbenzene	73000	U	73000	28000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
1,1,2,2-Tetrachloroethane	73000	U	73000	23000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
1,3-Dichlorobenzene	73000	U	73000	23000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
1,4-Dichlorobenzene	73000	U	73000	11000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
1,2-Dichlorobenzene	73000	U	73000	19000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
1,2-Dibromo-3-Chloropropane	150000	U	150000	64000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000
1,2,4-Trichlorobenzene	73000	U	73000	13000	ug/Kg	☼	04/27/17 12:17	05/05/17 20:26	20000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*70 - 130*	*04/27/17 12:17*	*05/05/17 20:26*	*20000*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*	*04/27/17 12:17*	*05/05/17 20:26*	*20000*
Dibromofluoromethane (Surr)	*109*		*70 - 130*	*04/27/17 12:17*	*05/05/17 20:26*	*20000*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*04/27/17 12:17*	*05/05/17 20:26*	*20000*

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Client Sample ID: 6489-DUP-2

Date Collected: 04/26/17 00:00
Date Received: 04/27/17 09:30

Lab Sample ID: 680-138014-21

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	40000	U	40000	20000	ug/L			05/09/17 16:19	2000
Benzene	2000	U	2000	1000	ug/L			05/09/17 16:19	2000
Bromodichloromethane	2000	U	2000	880	ug/L			05/09/17 16:19	2000
Bromoform	2000	U	2000	1300	ug/L			05/09/17 16:19	2000
Bromomethane	10000	U	10000	5000	ug/L			05/09/17 16:19	2000
2-Butanone (MEK)	20000	U	20000	17000	ug/L			05/09/17 16:19	2000
Carbon disulfide	4000	U	4000	2000	ug/L			05/09/17 16:19	2000
Carbon tetrachloride	2000	U	2000	860	ug/L			05/09/17 16:19	2000
Chlorobenzene	2000	U	2000	1300	ug/L			05/09/17 16:19	2000
Chloroethane	10000	U	10000	5000	ug/L			05/09/17 16:19	2000
Chloroform	2000	U	2000	1800	ug/L			05/09/17 16:19	2000
Chloromethane	8000	U	8000	2000	ug/L			05/09/17 16:19	2000
cis-1,2-Dichloroethene	**2400**		2000	1300	ug/L			05/09/17 16:19	2000
cis-1,3-Dichloropropene	2000	U	2000	780	ug/L			05/09/17 16:19	2000
Dibromochloromethane	2000	U	2000	620	ug/L			05/09/17 16:19	2000
1,2-Dibromo-3-Chloropropane	10000	U	10000	5000	ug/L			05/09/17 16:19	2000
1,2-Dibromoethane	2000	U	2000	1000	ug/L			05/09/17 16:19	2000
1,2-Dichlorobenzene	2000	U	2000	980	ug/L			05/09/17 16:19	2000
1,3-Dichlorobenzene	2000	U	2000	1300	ug/L			05/09/17 16:19	2000
1,4-Dichlorobenzene	2000	U	2000	1200	ug/L			05/09/17 16:19	2000
Dichlorodifluoromethane	10000	U	10000	5000	ug/L			05/09/17 16:19	2000
1,1-Dichloroethane	2000	U	2000	1000	ug/L			05/09/17 16:19	2000
1,2-Dichloroethane	2000	U	2000	1100	ug/L			05/09/17 16:19	2000
1,1-Dichloroethene	2000	U	2000	1300	ug/L			05/09/17 16:19	2000
1,2-Dichloropropane	2000	U	2000	1000	ug/L			05/09/17 16:19	2000
Ethylbenzene	2000	U	2000	880	ug/L			05/09/17 16:19	2000
2-Hexanone	20000	U	20000	8800	ug/L			05/09/17 16:19	2000
Isopropylbenzene	2000	U	2000	1000	ug/L			05/09/17 16:19	2000
Methylene Chloride	20000	U	20000	10000	ug/L			05/09/17 16:19	2000
4-Methyl-2-pentanone	20000	U	20000	8000	ug/L			05/09/17 16:19	2000
Methyl tert-butyl ether	2000	U	2000	880	ug/L			05/09/17 16:19	2000
Styrene	4000	U	4000	2000	ug/L			05/09/17 16:19	2000
1,1,2,2-Tetrachloroethane	2000	U	2000	340	ug/L			05/09/17 16:19	2000
Tetrachloroethene	**80000**		2000	1000	ug/L			05/09/17 16:19	2000
Toluene	2000	U	2000	1000	ug/L			05/09/17 16:19	2000
trans-1,2-Dichloroethene	2000	U	2000	1300	ug/L			05/09/17 16:19	2000
trans-1,3-Dichloropropene	2000	U	2000	540	ug/L			05/09/17 16:19	2000
1,2,4-Trichlorobenzene	2000	U	2000	1200	ug/L			05/09/17 16:19	2000
1,1,1-Trichloroethane	2000	U	2000	940	ug/L			05/09/17 16:19	2000
1,1,2-Trichloroethane	2000	U	2000	940	ug/L			05/09/17 16:19	2000
Trichloroethene	**2400**		2000	1200	ug/L			05/09/17 16:19	2000
Trichlorofluoromethane	10000	U	10000	5000	ug/L			05/09/17 16:19	2000
Vinyl chloride	2000	U	2000	1400	ug/L			05/09/17 16:19	2000
Xylenes, Total	6000	U	6000	1000	ug/L			05/09/17 16:19	2000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*05/09/17 16:19*	*2000*

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Client Sample ID: 6489-TB

Date Collected: 04/26/17 00:00
Date Received: 04/27/17 09:30

Lab Sample ID: 680-138014-22

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	9.9	ug/L			05/09/17 15:35	1
Benzene	1.0	U	1.0	0.50	ug/L			05/09/17 15:35	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/09/17 15:35	1
Bromoform	1.0	U	1.0	0.63	ug/L			05/09/17 15:35	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/09/17 15:35	1
2-Butanone (MEK)	10	U	10	8.4	ug/L			05/09/17 15:35	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/09/17 15:35	1
Carbon tetrachloride	1.0	U	1.0	0.43	ug/L			05/09/17 15:35	1
Chlorobenzene	1.0	U	1.0	0.63	ug/L			05/09/17 15:35	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/09/17 15:35	1
Chloroform	1.0	U	1.0	0.90	ug/L			05/09/17 15:35	1
Chloromethane	4.0	U	4.0	1.0	ug/L			05/09/17 15:35	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.65	ug/L			05/09/17 15:35	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.39	ug/L			05/09/17 15:35	1
Dibromochloromethane	1.0	U	1.0	0.31	ug/L			05/09/17 15:35	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.5	ug/L			05/09/17 15:35	1
1,2-Dibromoethane	1.0	U	1.0	0.50	ug/L			05/09/17 15:35	1
1,2-Dichlorobenzene	1.0	U	1.0	0.49	ug/L			05/09/17 15:35	1
1,3-Dichlorobenzene	1.0	U	1.0	0.64	ug/L			05/09/17 15:35	1
1,4-Dichlorobenzene	1.0	U	1.0	0.60	ug/L			05/09/17 15:35	1
Dichlorodifluoromethane	5.0	U	5.0	2.5	ug/L			05/09/17 15:35	1
1,1-Dichloroethane	1.0	U	1.0	0.52	ug/L			05/09/17 15:35	1
1,2-Dichloroethane	1.0	U	1.0	0.57	ug/L			05/09/17 15:35	1
1,1-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/09/17 15:35	1
1,2-Dichloropropane	1.0	U	1.0	0.52	ug/L			05/09/17 15:35	1
Ethylbenzene	1.0	U	1.0	0.44	ug/L			05/09/17 15:35	1
2-Hexanone	10	U	10	4.4	ug/L			05/09/17 15:35	1
Isopropylbenzene	1.0	U	1.0	0.52	ug/L			05/09/17 15:35	1
Methylene Chloride	10	U	10	5.0	ug/L			05/09/17 15:35	1
4-Methyl-2-pentanone	10	U	10	4.0	ug/L			05/09/17 15:35	1
Methyl tert-butyl ether	1.0	U	1.0	0.44	ug/L			05/09/17 15:35	1
Styrene	2.0	U	2.0	0.98	ug/L			05/09/17 15:35	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.17	ug/L			05/09/17 15:35	1
Tetrachloroethene	1.0	U	1.0	0.50	ug/L			05/09/17 15:35	1
Toluene	1.0	U	1.0	0.51	ug/L			05/09/17 15:35	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/09/17 15:35	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.27	ug/L			05/09/17 15:35	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.58	ug/L			05/09/17 15:35	1
1,1,1-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/09/17 15:35	1
1,1,2-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/09/17 15:35	1
Trichloroethene	1.0	U	1.0	0.61	ug/L			05/09/17 15:35	1
Trichlorofluoromethane	5.0	U	5.0	2.5	ug/L			05/09/17 15:35	1
Vinyl chloride	1.0	U	1.0	0.71	ug/L			05/09/17 15:35	1
Xylenes, Total	3.0	U	3.0	0.50	ug/L			05/09/17 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*70 - 130*		*05/09/17 15:35*	*1*

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

Lab Sample ID: MB 660-182625/6
Matrix: Water
Analysis Batch: 182625

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	9.9	ug/L			05/09/17 12:18	1
Benzene	1.0	U	1.0	0.50	ug/L			05/09/17 12:18	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/09/17 12:18	1
Bromoform	1.0	U	1.0	0.63	ug/L			05/09/17 12:18	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/09/17 12:18	1
2-Butanone (MEK)	10	U	10	8.4	ug/L			05/09/17 12:18	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/09/17 12:18	1
Carbon tetrachloride	1.0	U	1.0	0.43	ug/L			05/09/17 12:18	1
Chlorobenzene	1.0	U	1.0	0.63	ug/L			05/09/17 12:18	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/09/17 12:18	1
Chloroform	1.0	U	1.0	0.90	ug/L			05/09/17 12:18	1
Chloromethane	4.0	U	4.0	1.0	ug/L			05/09/17 12:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.65	ug/L			05/09/17 12:18	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.39	ug/L			05/09/17 12:18	1
Dibromochloromethane	1.0	U	1.0	0.31	ug/L			05/09/17 12:18	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.5	ug/L			05/09/17 12:18	1
1,2-Dibromoethane	1.0	U	1.0	0.50	ug/L			05/09/17 12:18	1
1,2-Dichlorobenzene	1.0	U	1.0	0.49	ug/L			05/09/17 12:18	1
1,3-Dichlorobenzene	1.0	U	1.0	0.64	ug/L			05/09/17 12:18	1
1,4-Dichlorobenzene	1.0	U	1.0	0.60	ug/L			05/09/17 12:18	1
Dichlorodifluoromethane	5.0	U	5.0	2.5	ug/L			05/09/17 12:18	1
1,1-Dichloroethane	1.0	U	1.0	0.52	ug/L			05/09/17 12:18	1
1,2-Dichloroethane	1.0	U	1.0	0.57	ug/L			05/09/17 12:18	1
1,1-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/09/17 12:18	1
1,2-Dichloropropane	1.0	U	1.0	0.52	ug/L			05/09/17 12:18	1
Ethylbenzene	1.0	U	1.0	0.44	ug/L			05/09/17 12:18	1
2-Hexanone	10	U	10	4.4	ug/L			05/09/17 12:18	1
Isopropylbenzene	1.0	U	1.0	0.52	ug/L			05/09/17 12:18	1
Methylene Chloride	10	U	10	5.0	ug/L			05/09/17 12:18	1
4-Methyl-2-pentanone	10	U	10	4.0	ug/L			05/09/17 12:18	1
Methyl tert-butyl ether	1.0	U	1.0	0.44	ug/L			05/09/17 12:18	1
Styrene	2.0	U	2.0	0.98	ug/L			05/09/17 12:18	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.17	ug/L			05/09/17 12:18	1
Tetrachloroethene	1.0	U	1.0	0.50	ug/L			05/09/17 12:18	1
Toluene	1.0	U	1.0	0.51	ug/L			05/09/17 12:18	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/09/17 12:18	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.27	ug/L			05/09/17 12:18	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.58	ug/L			05/09/17 12:18	1
1,1,1-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/09/17 12:18	1
1,1,2-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/09/17 12:18	1
Trichloroethene	1.0	U	1.0	0.61	ug/L			05/09/17 12:18	1
Trichlorofluoromethane	5.0	U	5.0	2.5	ug/L			05/09/17 12:18	1
Vinyl chloride	1.0	U	1.0	0.71	ug/L			05/09/17 12:18	1
Xylenes, Total	3.0	U	3.0	0.50	ug/L			05/09/17 12:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*70 - 130*		*05/09/17 12:18*	*1*

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

Lab Sample ID: LCS 660-182625/4
Matrix: Water
Analysis Batch: 182625

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	112		ug/L		112	62 - 142
Benzene	10.0	10.1		ug/L		101	71 - 131
Bromodichloromethane	10.0	9.77		ug/L		98	70 - 131
Bromoform	10.0	9.19		ug/L		92	68 - 130
Bromomethane	10.0	6.76		ug/L		68	10 - 150
2-Butanone (MEK)	100	96.6		ug/L		97	58 - 132
Carbon disulfide	10.0	10.3		ug/L		103	43 - 150
Carbon tetrachloride	10.0	10.2		ug/L		102	70 - 134
Chlorobenzene	10.0	10.0		ug/L		100	71 - 121
Chloroethane	10.0	10.3		ug/L		103	46 - 150
Chloroform	10.0	9.68		ug/L		97	73 - 133
Chloromethane	10.0	10.8		ug/L		108	52 - 150
cis-1,2-Dichloroethene	10.0	9.99		ug/L		100	73 - 133
cis-1,3-Dichloropropene	10.0	9.54		ug/L		95	68 - 130
Dibromochloromethane	10.0	10.0		ug/L		100	58 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.35		ug/L		93	54 - 130
1,2-Dibromoethane	10.0	10.0		ug/L		100	71 - 131
1,2-Dichlorobenzene	10.0	9.68		ug/L		97	73 - 133
1,3-Dichlorobenzene	10.0	9.51		ug/L		95	73 - 133
1,4-Dichlorobenzene	10.0	9.96		ug/L		100	73 - 133
Dichlorodifluoromethane	10.0	11.1		ug/L		111	10 - 150
1,1-Dichloroethane	10.0	10.5		ug/L		105	72 - 130
1,2-Dichloroethane	10.0	9.57		ug/L		96	71 - 131
1,1-Dichloroethene	10.0	10.7		ug/L		107	56 - 141
1,2-Dichloropropane	10.0	9.43		ug/L		94	72 - 132
Ethylbenzene	10.0	9.32		ug/L		93	71 - 131
2-Hexanone	100	105		ug/L		105	57 - 136
Isopropylbenzene	10.0	9.40		ug/L		94	70 - 131
Methylene Chloride	10.0	12.7		ug/L		127	68 - 142
4-Methyl-2-pentanone	100	99.3		ug/L		99	52 - 137
Methyl tert-butyl ether	10.0	9.34		ug/L		93	67 - 130
Styrene	10.0	9.27		ug/L		93	68 - 131
1,1,2,2-Tetrachloroethane	10.0	9.49		ug/L		95	67 - 130
Tetrachloroethene	10.0	10.5		ug/L		105	66 - 143
Toluene	10.0	9.81		ug/L		98	72 - 132
trans-1,2-Dichloroethene	10.0	10.9		ug/L		109	74 - 139
trans-1,3-Dichloropropene	10.0	8.84		ug/L		88	57 - 130
1,2,4-Trichlorobenzene	10.0	10.0		ug/L		100	73 - 133
1,1,1-Trichloroethane	10.0	9.82		ug/L		98	69 - 132
1,1,2-Trichloroethane	10.0	10.1		ug/L		101	70 - 130
Trichloroethene	10.0	9.78		ug/L		98	74 - 139
Trichlorofluoromethane	10.0	11.2		ug/L		112	62 - 146
Vinyl chloride	10.0	11.2		ug/L		112	59 - 147
Xylenes, Total	20.0	18.9		ug/L		95	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*70 - 130*

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

Lab Sample ID: MB 660-182648/7
Matrix: Water
Analysis Batch: 182648

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	9.9	ug/L			05/09/17 16:17	1
Benzene	1.0	U	1.0	0.50	ug/L			05/09/17 16:17	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/09/17 16:17	1
Bromoform	1.0	U	1.0	0.63	ug/L			05/09/17 16:17	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/09/17 16:17	1
2-Butanone (MEK)	10	U	10	8.4	ug/L			05/09/17 16:17	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/09/17 16:17	1
Carbon tetrachloride	1.0	U	1.0	0.43	ug/L			05/09/17 16:17	1
Chlorobenzene	1.0	U	1.0	0.63	ug/L			05/09/17 16:17	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/09/17 16:17	1
Chloroform	1.0	U	1.0	0.90	ug/L			05/09/17 16:17	1
Chloromethane	4.0	U	4.0	1.0	ug/L			05/09/17 16:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.65	ug/L			05/09/17 16:17	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.39	ug/L			05/09/17 16:17	1
Dibromochloromethane	1.0	U	1.0	0.31	ug/L			05/09/17 16:17	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.5	ug/L			05/09/17 16:17	1
1,2-Dibromoethane	1.0	U	1.0	0.50	ug/L			05/09/17 16:17	1
1,2-Dichlorobenzene	1.0	U	1.0	0.49	ug/L			05/09/17 16:17	1
1,3-Dichlorobenzene	1.0	U	1.0	0.64	ug/L			05/09/17 16:17	1
1,4-Dichlorobenzene	1.0	U	1.0	0.60	ug/L			05/09/17 16:17	1
Dichlorodifluoromethane	5.0	U	5.0	2.5	ug/L			05/09/17 16:17	1
1,1-Dichloroethane	1.0	U	1.0	0.52	ug/L			05/09/17 16:17	1
1,2-Dichloroethane	1.0	U	1.0	0.57	ug/L			05/09/17 16:17	1
1,1-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/09/17 16:17	1
1,2-Dichloropropane	1.0	U	1.0	0.52	ug/L			05/09/17 16:17	1
Ethylbenzene	1.0	U	1.0	0.44	ug/L			05/09/17 16:17	1
2-Hexanone	10	U	10	4.4	ug/L			05/09/17 16:17	1
Isopropylbenzene	1.0	U	1.0	0.52	ug/L			05/09/17 16:17	1
Methylene Chloride	10	U	10	5.0	ug/L			05/09/17 16:17	1
4-Methyl-2-pentanone	10	U	10	4.0	ug/L			05/09/17 16:17	1
Methyl tert-butyl ether	1.0	U	1.0	0.44	ug/L			05/09/17 16:17	1
Styrene	2.0	U	2.0	0.98	ug/L			05/09/17 16:17	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.17	ug/L			05/09/17 16:17	1
Tetrachloroethene	1.0	U	1.0	0.50	ug/L			05/09/17 16:17	1
Toluene	1.0	U	1.0	0.51	ug/L			05/09/17 16:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/09/17 16:17	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.27	ug/L			05/09/17 16:17	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.58	ug/L			05/09/17 16:17	1
1,1,1-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/09/17 16:17	1
1,1,2-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/09/17 16:17	1
Trichloroethene	1.0	U	1.0	0.61	ug/L			05/09/17 16:17	1
Trichlorofluoromethane	5.0	U	5.0	2.5	ug/L			05/09/17 16:17	1
Vinyl chloride	1.0	U	1.0	0.71	ug/L			05/09/17 16:17	1
Xylenes, Total	3.0	U	3.0	0.50	ug/L			05/09/17 16:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*70 - 130*		*05/09/17 16:17*	*1*

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

Lab Sample ID: LCS 660-182648/4
Matrix: Water
Analysis Batch: 182648

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	86.9		ug/L		87	62 - 142
Benzene	10.0	9.19		ug/L		92	71 - 131
Bromodichloromethane	10.0	8.87		ug/L		89	70 - 131
Bromoform	10.0	8.99		ug/L		90	68 - 130
Bromomethane	10.0	8.31		ug/L		83	10 - 150
2-Butanone (MEK)	100	87.2		ug/L		87	58 - 132
Carbon disulfide	10.0	8.55		ug/L		85	43 - 150
Carbon tetrachloride	10.0	10.2		ug/L		102	70 - 134
Chlorobenzene	10.0	9.88		ug/L		99	71 - 121
Chloroethane	10.0	8.12		ug/L		81	46 - 150
Chloroform	10.0	8.73		ug/L		87	73 - 133
Chloromethane	10.0	8.40		ug/L		84	52 - 150
cis-1,2-Dichloroethene	10.0	8.90		ug/L		89	73 - 133
cis-1,3-Dichloropropene	10.0	8.28		ug/L		83	68 - 130
Dibromochloromethane	10.0	8.04		ug/L		80	58 - 130
1,2-Dibromo-3-Chloropropane	10.0	8.45		ug/L		84	54 - 130
1,2-Dibromoethane	10.0	8.35		ug/L		84	71 - 131
1,2-Dichlorobenzene	10.0	9.57		ug/L		96	73 - 133
1,3-Dichlorobenzene	10.0	9.69		ug/L		97	73 - 133
1,4-Dichlorobenzene	10.0	9.95		ug/L		99	73 - 133
Dichlorodifluoromethane	10.0	11.2		ug/L		112	10 - 150
1,1-Dichloroethane	10.0	9.12		ug/L		91	72 - 130
1,2-Dichloroethane	10.0	8.24		ug/L		82	71 - 131
1,1-Dichloroethene	10.0	9.74		ug/L		97	56 - 141
1,2-Dichloropropane	10.0	8.56		ug/L		86	72 - 132
Ethylbenzene	10.0	10.2		ug/L		102	71 - 131
2-Hexanone	100	86.2		ug/L		86	57 - 136
Isopropylbenzene	10.0	10.7		ug/L		107	70 - 131
Methylene Chloride	10.0	7.10	J	ug/L		71	68 - 142
4-Methyl-2-pentanone	100	89.8		ug/L		90	52 - 137
Methyl tert-butyl ether	10.0	7.98		ug/L		80	67 - 130
Styrene	10.0	9.77		ug/L		98	68 - 131
1,1,2,2-Tetrachloroethane	10.0	8.94		ug/L		89	67 - 130
Tetrachloroethene	10.0	9.21		ug/L		92	66 - 143
Toluene	10.0	8.87		ug/L		89	72 - 132
trans-1,2-Dichloroethene	10.0	9.15		ug/L		91	74 - 139
trans-1,3-Dichloropropene	10.0	7.94		ug/L		79	57 - 130
1,2,4-Trichlorobenzene	10.0	9.66		ug/L		97	73 - 133
1,1,1-Trichloroethane	10.0	9.66		ug/L		97	69 - 132
1,1,2-Trichloroethane	10.0	8.32		ug/L		83	70 - 130
Trichloroethene	10.0	10.8		ug/L		108	74 - 139
Trichlorofluoromethane	10.0	8.50		ug/L		85	62 - 146
Vinyl chloride	10.0	8.55		ug/L		85	59 - 147
Xylenes, Total	20.0	19.8		ug/L		99	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*93*		*70 - 130*

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

Lab Sample ID: LCSD 660-182648/5
Matrix: Water
Analysis Batch: 182648

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	100	86.9		ug/L		87	62 - 142	0	30
Benzene	10.0	8.25		ug/L		83	71 - 131	11	30
Bromodichloromethane	10.0	8.42		ug/L		84	70 - 131	5	30
Bromoform	10.0	9.58		ug/L		96	68 - 130	6	30
Bromomethane	10.0	7.19		ug/L		72	10 - 150	14	30
2-Butanone (MEK)	100	87.4		ug/L		87	58 - 132	0	30
Carbon disulfide	10.0	7.13		ug/L		71	43 - 150	18	30
Carbon tetrachloride	10.0	7.96		ug/L		80	70 - 134	25	30
Chlorobenzene	10.0	9.38		ug/L		94	71 - 121	5	30
Chloroethane	10.0	7.64		ug/L		76	46 - 150	6	30
Chloroform	10.0	8.03		ug/L		80	73 - 133	8	30
Chloromethane	10.0	7.05		ug/L		70	52 - 150	18	30
cis-1,2-Dichloroethene	10.0	8.28		ug/L		83	73 - 133	7	30
cis-1,3-Dichloropropene	10.0	8.24		ug/L		82	68 - 130	1	30
Dibromochloromethane	10.0	7.88		ug/L		79	58 - 130	2	30
1,2-Dibromo-3-Chloropropane	10.0	9.46		ug/L		95	54 - 130	11	30
1,2-Dibromoethane	10.0	8.03		ug/L		80	71 - 131	4	30
1,2-Dichlorobenzene	10.0	9.36		ug/L		94	73 - 133	2	30
1,3-Dichlorobenzene	10.0	9.25		ug/L		93	73 - 133	5	30
1,4-Dichlorobenzene	10.0	9.40		ug/L		94	73 - 133	6	30
Dichlorodifluoromethane	10.0	8.62		ug/L		86	10 - 150	26	30
1,1-Dichloroethane	10.0	8.29		ug/L		83	72 - 130	9	30
1,2-Dichloroethane	10.0	8.06		ug/L		81	71 - 131	2	30
1,1-Dichloroethene	10.0	7.57		ug/L		76	56 - 141	25	30
1,2-Dichloropropane	10.0	8.55		ug/L		86	72 - 132	0	30
Ethylbenzene	10.0	8.75		ug/L		88	71 - 131	15	30
2-Hexanone	100	89.6		ug/L		90	57 - 136	4	30
Isopropylbenzene	10.0	9.20		ug/L		92	70 - 131	15	30
Methylene Chloride	10.0	8.17	J	ug/L		82	68 - 142	14	30
4-Methyl-2-pentanone	100	90.7		ug/L		91	52 - 137	1	30
Methyl tert-butyl ether	10.0	8.33		ug/L		83	67 - 130	4	30
Styrene	10.0	8.88		ug/L		89	68 - 131	9	30
1,1,2,2-Tetrachloroethane	10.0	9.47		ug/L		95	67 - 130	6	30
Tetrachloroethene	10.0	7.89		ug/L		79	66 - 143	15	30
Toluene	10.0	8.08		ug/L		81	72 - 132	9	30
trans-1,2-Dichloroethene	10.0	8.13		ug/L		81	74 - 139	12	30
trans-1,3-Dichloropropene	10.0	8.12		ug/L		81	57 - 130	2	30
1,2,4-Trichlorobenzene	10.0	9.42		ug/L		94	73 - 133	3	30
1,1,1-Trichloroethane	10.0	8.01		ug/L		80	69 - 132	19	30
1,1,2-Trichloroethane	10.0	8.18		ug/L		82	70 - 130	2	30
Trichloroethene	10.0	8.70		ug/L		87	74 - 139	22	30
Trichlorofluoromethane	10.0	7.46		ug/L		75	62 - 146	13	30
Vinyl chloride	10.0	7.98		ug/L		80	59 - 147	7	30
Xylenes, Total	20.0	17.6		ug/L		88	70 - 130	12	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*70 - 130*

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

Lab Sample ID: MB 680-478515/10
Matrix: Solid
Analysis Batch: 478515

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	200	U	200	38	ug/Kg			05/04/17 12:43	40
Chloromethane	200	U	200	40	ug/Kg			05/04/17 12:43	40
Vinyl chloride	200	U	200	60	ug/Kg			05/04/17 12:43	40
Bromomethane	200	U	200	60	ug/Kg			05/04/17 12:43	40
Chloroethane	200	U	200	110	ug/Kg			05/04/17 12:43	40
Trichlorofluoromethane	200	U	200	48	ug/Kg			05/04/17 12:43	40
1,1-Dichloroethene	200	U	200	60	ug/Kg			05/04/17 12:43	40
Acetone	2000	U	2000	440	ug/Kg			05/04/17 12:43	40
Carbon disulfide	200	U	200	44	ug/Kg			05/04/17 12:43	40
Methylene Chloride	200	U	200	39	ug/Kg			05/04/17 12:43	40
trans-1,2-Dichloroethene	200	U	200	25	ug/Kg			05/04/17 12:43	40
Methyl tert-butyl ether	200	U	200	40	ug/Kg			05/04/17 12:43	40
1,1-Dichloroethane	200	U	200	44	ug/Kg			05/04/17 12:43	40
cis-1,2-Dichloroethene	200	U	200	56	ug/Kg			05/04/17 12:43	40
2-Butanone (MEK)	1000	U	1000	96	ug/Kg			05/04/17 12:43	40
Chloroform	200	U	200	44	ug/Kg			05/04/17 12:43	40
1,1,1-Trichloroethane	200	U	200	24	ug/Kg			05/04/17 12:43	40
Carbon tetrachloride	200	U	200	33	ug/Kg			05/04/17 12:43	40
Benzene	200	U	200	29	ug/Kg			05/04/17 12:43	40
1,2-Dichloroethane	200	U	200	44	ug/Kg			05/04/17 12:43	40
Trichloroethene	200	U	200	52	ug/Kg			05/04/17 12:43	40
1,2-Dichloropropane	200	U	200	34	ug/Kg			05/04/17 12:43	40
Bromodichloromethane	200	U	200	39	ug/Kg			05/04/17 12:43	40
cis-1,3-Dichloropropene	200	U	200	33	ug/Kg			05/04/17 12:43	40
4-Methyl-2-pentanone	1000	U	1000	170	ug/Kg			05/04/17 12:43	40
Toluene	200	U	200	34	ug/Kg			05/04/17 12:43	40
trans-1,3-Dichloropropene	200	U	200	35	ug/Kg			05/04/17 12:43	40
1,1,2-Trichloroethane	200	U	200	52	ug/Kg			05/04/17 12:43	40
Tetrachloroethene	200	U	200	76	ug/Kg			05/04/17 12:43	40
2-Hexanone	1000	U	1000	130	ug/Kg			05/04/17 12:43	40
Dibromochloromethane	200	U	200	68	ug/Kg			05/04/17 12:43	40
1,2-Dibromoethane	200	U	200	60	ug/Kg			05/04/17 12:43	40
Chlorobenzene	200	U	200	38	ug/Kg			05/04/17 12:43	40
Ethylbenzene	200	U	200	52	ug/Kg			05/04/17 12:43	40
Xylenes, Total	400	U	400	44	ug/Kg			05/04/17 12:43	40
Styrene	200	U	200	37	ug/Kg			05/04/17 12:43	40
Bromoform	200	U	200	60	ug/Kg			05/04/17 12:43	40
Isopropylbenzene	200	U	200	76	ug/Kg			05/04/17 12:43	40
1,1,2,2-Tetrachloroethane	200	U	200	64	ug/Kg			05/04/17 12:43	40
1,3-Dichlorobenzene	200	U	200	64	ug/Kg			05/04/17 12:43	40
1,4-Dichlorobenzene	200	U	200	30	ug/Kg			05/04/17 12:43	40
1,2-Dichlorobenzene	200	U	200	52	ug/Kg			05/04/17 12:43	40
1,2-Dibromo-3-Chloropropane	400	U	400	180	ug/Kg			05/04/17 12:43	40
1,2,4-Trichlorobenzene	200	U	200	36	ug/Kg			05/04/17 12:43	40

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*70 - 130*		*05/04/17 12:43*	*40*

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

Lab Sample ID: MB 680-478515/10
Matrix: Solid
Analysis Batch: 478515

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 130		05/04/17 12:43	40
Dibromofluoromethane (Surr)	99		70 - 130		05/04/17 12:43	40
4-Bromofluorobenzene (Surr)	93		70 - 130		05/04/17 12:43	40

Lab Sample ID: MB 680-478515/11
Matrix: Solid
Analysis Batch: 478515

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.0	U	5.0	0.94	ug/Kg			05/04/17 13:06	1
Chloromethane	5.0	U	5.0	1.0	ug/Kg			05/04/17 13:06	1
Vinyl chloride	5.0	U	5.0	1.5	ug/Kg			05/04/17 13:06	1
Bromomethane	5.0	U	5.0	1.5	ug/Kg			05/04/17 13:06	1
Chloroethane	5.0	U	5.0	2.7	ug/Kg			05/04/17 13:06	1
Trichlorofluoromethane	5.0	U	5.0	1.2	ug/Kg			05/04/17 13:06	1
1,1-Dichloroethene	5.0	U	5.0	1.5	ug/Kg			05/04/17 13:06	1
Acetone	50	U	50	11	ug/Kg			05/04/17 13:06	1
Carbon disulfide	5.0	U	5.0	1.1	ug/Kg			05/04/17 13:06	1
Methylene Chloride	5.0	U	5.0	0.98	ug/Kg			05/04/17 13:06	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.63	ug/Kg			05/04/17 13:06	1
Methyl tert-butyl ether	5.0	U	5.0	1.0	ug/Kg			05/04/17 13:06	1
1,1-Dichloroethane	5.0	U	5.0	1.1	ug/Kg			05/04/17 13:06	1
cis-1,2-Dichloroethene	5.0	U	5.0	1.4	ug/Kg			05/04/17 13:06	1
2-Butanone (MEK)	25	U	25	2.4	ug/Kg			05/04/17 13:06	1
Chloroform	5.0	U	5.0	1.1	ug/Kg			05/04/17 13:06	1
1,1,1-Trichloroethane	5.0	U	5.0	0.59	ug/Kg			05/04/17 13:06	1
Carbon tetrachloride	5.0	U	5.0	0.83	ug/Kg			05/04/17 13:06	1
Benzene	5.0	U	5.0	0.73	ug/Kg			05/04/17 13:06	1
1,2-Dichloroethane	5.0	U	5.0	1.1	ug/Kg			05/04/17 13:06	1
Trichloroethene	5.0	U	5.0	1.3	ug/Kg			05/04/17 13:06	1
1,2-Dichloropropane	5.0	U	5.0	0.86	ug/Kg			05/04/17 13:06	1
Bromodichloromethane	5.0	U	5.0	0.97	ug/Kg			05/04/17 13:06	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.83	ug/Kg			05/04/17 13:06	1
4-Methyl-2-pentanone	25	U	25	4.2	ug/Kg			05/04/17 13:06	1
Toluene	5.0	U	5.0	0.84	ug/Kg			05/04/17 13:06	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.87	ug/Kg			05/04/17 13:06	1
1,1,2-Trichloroethane	5.0	U	5.0	1.3	ug/Kg			05/04/17 13:06	1
Tetrachloroethene	5.0	U	5.0	1.9	ug/Kg			05/04/17 13:06	1
2-Hexanone	25	U	25	3.3	ug/Kg			05/04/17 13:06	1
Dibromochloromethane	5.0	U	5.0	1.7	ug/Kg			05/04/17 13:06	1
1,2-Dibromoethane	5.0	U	5.0	1.5	ug/Kg			05/04/17 13:06	1
Chlorobenzene	5.0	U	5.0	0.96	ug/Kg			05/04/17 13:06	1
Ethylbenzene	5.0	U	5.0	1.3	ug/Kg			05/04/17 13:06	1
Xylenes, Total	10	U	10	1.1	ug/Kg			05/04/17 13:06	1
Styrene	5.0	U	5.0	0.93	ug/Kg			05/04/17 13:06	1
Bromoform	5.0	U	5.0	1.5	ug/Kg			05/04/17 13:06	1
Isopropylbenzene	5.0	U	5.0	1.9	ug/Kg			05/04/17 13:06	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	1.6	ug/Kg			05/04/17 13:06	1

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

Lab Sample ID: MB 680-478515/11
Matrix: Solid
Analysis Batch: 478515

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	5.0	U	5.0	1.6	ug/Kg			05/04/17 13:06	1
1,4-Dichlorobenzene	5.0	U	5.0	0.74	ug/Kg			05/04/17 13:06	1
1,2-Dichlorobenzene	5.0	U	5.0	1.3	ug/Kg			05/04/17 13:06	1
1,2-Dibromo-3-Chloropropane	10	U	10	4.4	ug/Kg			05/04/17 13:06	1
1,2,4-Trichlorobenzene	5.0	U	5.0	0.89	ug/Kg			05/04/17 13:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*70 - 130*		*05/04/17 13:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*05/04/17 13:06*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*05/04/17 13:06*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*		*05/04/17 13:06*	*1*

Lab Sample ID: LCS 680-478515/6
Matrix: Solid
Analysis Batch: 478515

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	2500	2520		ug/Kg		101	40 - 160
Chloromethane	2500	2230		ug/Kg		89	40 - 160
Vinyl chloride	2500	2410		ug/Kg		97	70 - 130
Bromomethane	2500	2320		ug/Kg		93	40 - 160
Chloroethane	2500	2260		ug/Kg		90	40 - 160
Trichlorofluoromethane	2500	2730		ug/Kg		109	40 - 160
1,1-Dichloroethene	2500	2500		ug/Kg		100	70 - 130
Acetone	12500	10900		ug/Kg		87	40 - 160
Carbon disulfide	2500	2410		ug/Kg		97	40 - 160
Methylene Chloride	2500	2230		ug/Kg		89	70 - 130
trans-1,2-Dichloroethene	2500	2470		ug/Kg		99	70 - 130
Methyl tert-butyl ether	2500	2290		ug/Kg		92	70 - 130
1,1-Dichloroethane	2500	2360		ug/Kg		94	70 - 130
cis-1,2-Dichloroethene	2500	2420		ug/Kg		97	70 - 130
2-Butanone (MEK)	12500	11800		ug/Kg		95	40 - 160
Chloroform	2500	2510		ug/Kg		100	70 - 130
1,1,1-Trichloroethane	2500	2770		ug/Kg		111	70 - 130
Carbon tetrachloride	2500	2870		ug/Kg		115	70 - 130
Benzene	2500	2340		ug/Kg		94	70 - 130
1,2-Dichloroethane	2500	2440		ug/Kg		98	70 - 130
Trichloroethene	2500	2450		ug/Kg		98	70 - 130
1,2-Dichloropropane	2500	2190		ug/Kg		88	70 - 130
Bromodichloromethane	2500	2530		ug/Kg		101	70 - 130
cis-1,3-Dichloropropene	2500	2380		ug/Kg		95	70 - 130
4-Methyl-2-pentanone	12500	10400		ug/Kg		83	40 - 160
Toluene	2500	2240		ug/Kg		90	70 - 130
trans-1,3-Dichloropropene	2500	2400		ug/Kg		96	70 - 130
1,1,2-Trichloroethane	2500	2190		ug/Kg		88	70 - 130
Tetrachloroethene	2500	2680		ug/Kg		107	70 - 130
2-Hexanone	12500	10700		ug/Kg		86	40 - 160
Dibromochloromethane	2500	2540		ug/Kg		102	70 - 130

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

Lab Sample ID: LCS 680-478515/6
Matrix: Solid
Analysis Batch: 478515

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	2500	2340		ug/Kg		94	70 - 130
Chlorobenzene	2500	2460		ug/Kg		98	70 - 130
Ethylbenzene	2500	2580		ug/Kg		103	70 - 130
Xylenes, Total	5000	5100		ug/Kg		102	70 - 130
Styrene	2500	2470		ug/Kg		99	70 - 130
Bromoform	2500	2700		ug/Kg		108	70 - 130
Isopropylbenzene	2500	2660		ug/Kg		106	70 - 130
1,1,2,2-Tetrachloroethane	2500	2300		ug/Kg		92	70 - 130
1,3-Dichlorobenzene	2500	2460		ug/Kg		98	70 - 130
1,4-Dichlorobenzene	2500	2480		ug/Kg		99	70 - 130
1,2-Dichlorobenzene	2500	2380		ug/Kg		95	70 - 130
1,2-Dibromo-3-Chloropropane	2500	2350		ug/Kg		94	40 - 160
1,2,4-Trichlorobenzene	2500	2650		ug/Kg		106	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 680-478515/28
Matrix: Solid
Analysis Batch: 478515

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	2500	2410		ug/Kg		96	40 - 160	5	20
Chloromethane	2500	2170		ug/Kg		87	40 - 160	3	20
Vinyl chloride	2500	2440		ug/Kg		98	70 - 130	1	20
Bromomethane	2500	2600		ug/Kg		104	40 - 160	12	20
Chloroethane	2500	2440		ug/Kg		98	40 - 160	8	20
Trichlorofluoromethane	2500	2610		ug/Kg		105	40 - 160	4	20
1,1-Dichloroethene	2500	2550		ug/Kg		102	70 - 130	2	20
Acetone	12500	11100		ug/Kg		89	40 - 160	2	20
Carbon disulfide	2500	2400		ug/Kg		96	40 - 160	0	20
Methylene Chloride	2500	2350		ug/Kg		94	70 - 130	5	20
trans-1,2-Dichloroethene	2500	2480		ug/Kg		99	70 - 130	0	20
Methyl tert-butyl ether	2500	2380		ug/Kg		95	70 - 130	4	20
1,1-Dichloroethane	2500	2390		ug/Kg		96	70 - 130	2	20
cis-1,2-Dichloroethene	2500	2400		ug/Kg		96	70 - 130	1	20
2-Butanone (MEK)	12500	11900		ug/Kg		95	40 - 160	0	20
Chloroform	2500	2540		ug/Kg		102	70 - 130	2	20
1,1,1-Trichloroethane	2500	2660		ug/Kg		107	70 - 130	4	20
Carbon tetrachloride	2500	2750		ug/Kg		110	70 - 130	4	20
Benzene	2500	2410		ug/Kg		97	70 - 130	3	20
1,2-Dichloroethane	2500	2480		ug/Kg		99	70 - 130	2	20
Trichloroethene	2500	2570		ug/Kg		103	70 - 130	5	20
1,2-Dichloropropane	2500	2360		ug/Kg		94	70 - 130	8	20
Bromodichloromethane	2500	2670		ug/Kg		107	70 - 130	6	20

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

Lab Sample ID: LCSD 680-478515/28
Matrix: Solid
Analysis Batch: 478515

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	2500	2550		ug/Kg		102	70 - 130	7	20
4-Methyl-2-pentanone	12500	10800		ug/Kg		86	40 - 160	3	20
Toluene	2500	2380		ug/Kg		95	70 - 130	6	20
trans-1,3-Dichloropropene	2500	2640		ug/Kg		106	70 - 130	9	20
1,1,2-Trichloroethane	2500	2450		ug/Kg		98	70 - 130	11	20
Tetrachloroethene	2500	2750		ug/Kg		110	70 - 130	3	20
2-Hexanone	12500	10800		ug/Kg		87	40 - 160	1	20
Dibromochloromethane	2500	2670		ug/Kg		107	70 - 130	5	20
1,2-Dibromoethane	2500	2440		ug/Kg		98	70 - 130	4	20
Chlorobenzene	2500	2580		ug/Kg		103	70 - 130	5	20
Ethylbenzene	2500	2680		ug/Kg		107	70 - 130	4	20
Xylenes, Total	5000	5270		ug/Kg		105	70 - 130	3	20
Styrene	2500	2550		ug/Kg		102	70 - 130	3	20
Bromoform	2500	2760		ug/Kg		110	70 - 130	2	20
Isopropylbenzene	2500	2710		ug/Kg		108	70 - 130	2	20
1,1,2,2-Tetrachloroethane	2500	2430		ug/Kg		97	70 - 130	5	20
1,3-Dichlorobenzene	2500	2540		ug/Kg		101	70 - 130	3	20
1,4-Dichlorobenzene	2500	2520		ug/Kg		101	70 - 130	2	20
1,2-Dichlorobenzene	2500	2470		ug/Kg		99	70 - 130	4	20
1,2-Dibromo-3-Chloropropane	2500	2410		ug/Kg		96	40 - 160	2	20
1,2,4-Trichlorobenzene	2500	2660		ug/Kg		107	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*
Dibromofluoromethane (Surr)	*106*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: MB 680-478517/8
Matrix: Solid
Analysis Batch: 478517

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.0	U	5.0	0.94	ug/Kg			05/04/17 11:53	1
Chloromethane	5.0	U	5.0	1.0	ug/Kg			05/04/17 11:53	1
Vinyl chloride	5.0	U	5.0	1.5	ug/Kg			05/04/17 11:53	1
Bromomethane	5.0	U	5.0	1.5	ug/Kg			05/04/17 11:53	1
Chloroethane	5.0	U	5.0	2.7	ug/Kg			05/04/17 11:53	1
Trichlorofluoromethane	5.0	U	5.0	1.2	ug/Kg			05/04/17 11:53	1
1,1-Dichloroethene	5.0	U	5.0	1.5	ug/Kg			05/04/17 11:53	1
Acetone	50	U	50	11	ug/Kg			05/04/17 11:53	1
Carbon disulfide	5.0	U	5.0	1.1	ug/Kg			05/04/17 11:53	1
Methylene Chloride	5.0	U	5.0	0.98	ug/Kg			05/04/17 11:53	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.63	ug/Kg			05/04/17 11:53	1
Methyl tert-butyl ether	5.0	U	5.0	1.0	ug/Kg			05/04/17 11:53	1
1,1-Dichloroethane	5.0	U	5.0	1.1	ug/Kg			05/04/17 11:53	1
cis-1,2-Dichloroethene	5.0	U	5.0	1.4	ug/Kg			05/04/17 11:53	1
2-Butanone (MEK)	25	U	25	2.4	ug/Kg			05/04/17 11:53	1

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

Lab Sample ID: MB 680-478517/8
Matrix: Solid
Analysis Batch: 478517

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	5.0	U	5.0	1.1	ug/Kg			05/04/17 11:53	1
1,1,1-Trichloroethane	5.0	U	5.0	0.59	ug/Kg			05/04/17 11:53	1
Carbon tetrachloride	5.0	U	5.0	0.83	ug/Kg			05/04/17 11:53	1
Benzene	5.0	U	5.0	0.73	ug/Kg			05/04/17 11:53	1
1,2-Dichloroethane	5.0	U	5.0	1.1	ug/Kg			05/04/17 11:53	1
Trichloroethene	5.0	U	5.0	1.3	ug/Kg			05/04/17 11:53	1
1,2-Dichloropropane	5.0	U	5.0	0.86	ug/Kg			05/04/17 11:53	1
Bromodichloromethane	5.0	U	5.0	0.97	ug/Kg			05/04/17 11:53	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.83	ug/Kg			05/04/17 11:53	1
4-Methyl-2-pentanone	25	U	25	4.2	ug/Kg			05/04/17 11:53	1
Toluene	5.0	U	5.0	0.84	ug/Kg			05/04/17 11:53	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.87	ug/Kg			05/04/17 11:53	1
1,1,2-Trichloroethane	5.0	U	5.0	1.3	ug/Kg			05/04/17 11:53	1
Tetrachloroethene	5.0	U	5.0	1.9	ug/Kg			05/04/17 11:53	1
2-Hexanone	25	U	25	3.3	ug/Kg			05/04/17 11:53	1
Dibromochloromethane	5.0	U	5.0	1.7	ug/Kg			05/04/17 11:53	1
1,2-Dibromoethane	5.0	U	5.0	1.5	ug/Kg			05/04/17 11:53	1
Chlorobenzene	5.0	U	5.0	0.96	ug/Kg			05/04/17 11:53	1
Ethylbenzene	5.0	U	5.0	1.3	ug/Kg			05/04/17 11:53	1
Xylenes, Total	10	U	10	1.1	ug/Kg			05/04/17 11:53	1
Styrene	5.0	U	5.0	0.93	ug/Kg			05/04/17 11:53	1
Bromoform	5.0	U	5.0	1.5	ug/Kg			05/04/17 11:53	1
Isopropylbenzene	5.0	U	5.0	1.9	ug/Kg			05/04/17 11:53	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	1.6	ug/Kg			05/04/17 11:53	1
1,3-Dichlorobenzene	5.0	U	5.0	1.6	ug/Kg			05/04/17 11:53	1
1,4-Dichlorobenzene	5.0	U	5.0	0.74	ug/Kg			05/04/17 11:53	1
1,2-Dichlorobenzene	5.0	U	5.0	1.3	ug/Kg			05/04/17 11:53	1
1,2-Dibromo-3-Chloropropane	10	U	10	4.4	ug/Kg			05/04/17 11:53	1
1,2,4-Trichlorobenzene	5.0	U	5.0	0.89	ug/Kg			05/04/17 11:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*70 - 130*		*05/04/17 11:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*05/04/17 11:53*	*1*
Dibromofluoromethane (Surr)	*115*		*70 - 130*		*05/04/17 11:53*	*1*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*05/04/17 11:53*	*1*

Lab Sample ID: LCS 680-478517/4
Matrix: Solid
Analysis Batch: 478517

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	43.7		ug/Kg		87	40 - 160
Chloromethane	50.0	41.9		ug/Kg		84	40 - 160
Vinyl chloride	50.0	42.4		ug/Kg		85	70 - 130
Bromomethane	50.0	42.0		ug/Kg		84	40 - 160
Chloroethane	50.0	44.0		ug/Kg		88	40 - 160
Trichlorofluoromethane	50.0	41.9		ug/Kg		84	40 - 160
1,1-Dichloroethene	50.0	43.5		ug/Kg		87	70 - 130

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

Lab Sample ID: LCS 680-478517/4
Matrix: Solid
Analysis Batch: 478517

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	250	218		ug/Kg		87	40 - 160
Carbon disulfide	50.0	45.0		ug/Kg		90	40 - 160
Methylene Chloride	50.0	45.0		ug/Kg		90	70 - 130
trans-1,2-Dichloroethene	50.0	45.0		ug/Kg		90	70 - 130
Methyl tert-butyl ether	50.0	45.8		ug/Kg		92	70 - 130
1,1-Dichloroethane	50.0	43.4		ug/Kg		87	70 - 130
cis-1,2-Dichloroethene	50.0	44.2		ug/Kg		88	70 - 130
2-Butanone (MEK)	250	224		ug/Kg		90	40 - 160
Chloroform	50.0	45.8		ug/Kg		92	70 - 130
1,1,1-Trichloroethane	50.0	45.7		ug/Kg		91	70 - 130
Carbon tetrachloride	50.0	47.3		ug/Kg		95	70 - 130
Benzene	50.0	46.4		ug/Kg		93	70 - 130
1,2-Dichloroethane	50.0	44.9		ug/Kg		90	70 - 130
Trichloroethene	50.0	46.6		ug/Kg		93	70 - 130
1,2-Dichloropropane	50.0	45.3		ug/Kg		91	70 - 130
Bromodichloromethane	50.0	46.4		ug/Kg		93	70 - 130
cis-1,3-Dichloropropene	50.0	45.8		ug/Kg		92	70 - 130
4-Methyl-2-pentanone	250	238		ug/Kg		95	40 - 160
Toluene	50.0	46.8		ug/Kg		94	70 - 130
trans-1,3-Dichloropropene	50.0	48.1		ug/Kg		96	70 - 130
1,1,2-Trichloroethane	50.0	46.6		ug/Kg		93	70 - 130
Tetrachloroethene	50.0	47.4		ug/Kg		95	70 - 130
2-Hexanone	250	244		ug/Kg		97	40 - 160
Dibromochloromethane	50.0	47.8		ug/Kg		96	70 - 130
1,2-Dibromoethane	50.0	47.9		ug/Kg		96	70 - 130
Chlorobenzene	50.0	46.5		ug/Kg		93	70 - 130
Ethylbenzene	50.0	47.4		ug/Kg		95	70 - 130
Xylenes, Total	100	94.4		ug/Kg		94	70 - 130
Styrene	50.0	49.0		ug/Kg		98	70 - 130
Bromoform	50.0	49.2		ug/Kg		98	70 - 130
Isopropylbenzene	50.0	48.3		ug/Kg		97	70 - 130
1,1,2,2-Tetrachloroethane	50.0	47.8		ug/Kg		96	70 - 130
1,3-Dichlorobenzene	50.0	46.7		ug/Kg		93	70 - 130
1,4-Dichlorobenzene	50.0	46.4		ug/Kg		93	70 - 130
1,2-Dichlorobenzene	50.0	46.3		ug/Kg		93	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	46.7		ug/Kg		93	40 - 160
1,2,4-Trichlorobenzene	50.0	47.0		ug/Kg		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*94*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*
Dibromofluoromethane (Surr)	*93*		*70 - 130*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*

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

Lab Sample ID: LCSD 680-478517/5
Matrix: Solid
Analysis Batch: 478517

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	50.0	43.3		ug/Kg		87	40 - 160	1	20
Chloromethane	50.0	44.2		ug/Kg		88	40 - 160	5	20
Vinyl chloride	50.0	44.0		ug/Kg		88	70 - 130	4	20
Bromomethane	50.0	44.8		ug/Kg		90	40 - 160	6	20
Chloroethane	50.0	45.5		ug/Kg		91	40 - 160	3	20
Trichlorofluoromethane	50.0	44.2		ug/Kg		88	40 - 160	5	20
1,1-Dichloroethene	50.0	46.0		ug/Kg		92	70 - 130	6	20
Acetone	250	239		ug/Kg		96	40 - 160	9	20
Carbon disulfide	50.0	46.4		ug/Kg		93	40 - 160	3	20
Methylene Chloride	50.0	46.7		ug/Kg		93	70 - 130	4	20
trans-1,2-Dichloroethene	50.0	48.7		ug/Kg		97	70 - 130	8	20
Methyl tert-butyl ether	50.0	48.4		ug/Kg		97	70 - 130	6	20
1,1-Dichloroethane	50.0	47.2		ug/Kg		94	70 - 130	9	20
cis-1,2-Dichloroethene	50.0	47.5		ug/Kg		95	70 - 130	7	20
2-Butanone (MEK)	250	235		ug/Kg		94	40 - 160	5	20
Chloroform	50.0	48.8		ug/Kg		98	70 - 130	6	20
1,1,1-Trichloroethane	50.0	48.0		ug/Kg		96	70 - 130	5	20
Carbon tetrachloride	50.0	48.7		ug/Kg		97	70 - 130	3	20
Benzene	50.0	47.8		ug/Kg		96	70 - 130	3	20
1,2-Dichloroethane	50.0	48.9		ug/Kg		98	70 - 130	8	20
Trichloroethene	50.0	48.7		ug/Kg		97	70 - 130	4	20
1,2-Dichloropropane	50.0	46.8		ug/Kg		94	70 - 130	3	20
Bromodichloromethane	50.0	48.1		ug/Kg		96	70 - 130	4	20
cis-1,3-Dichloropropene	50.0	48.7		ug/Kg		97	70 - 130	6	20
4-Methyl-2-pentanone	250	248		ug/Kg		99	40 - 160	4	20
Toluene	50.0	47.8		ug/Kg		96	70 - 130	2	20
trans-1,3-Dichloropropene	50.0	50.2		ug/Kg		100	70 - 130	4	20
1,1,2-Trichloroethane	50.0	47.6		ug/Kg		95	70 - 130	2	20
Tetrachloroethene	50.0	50.1		ug/Kg		100	70 - 130	5	20
2-Hexanone	250	251		ug/Kg		100	40 - 160	3	20
Dibromochloromethane	50.0	50.2		ug/Kg		100	70 - 130	5	20
1,2-Dibromoethane	50.0	50.3		ug/Kg		101	70 - 130	5	20
Chlorobenzene	50.0	48.5		ug/Kg		97	70 - 130	4	20
Ethylbenzene	50.0	49.3		ug/Kg		99	70 - 130	4	20
Xylenes, Total	100	101		ug/Kg		101	70 - 130	7	20
Styrene	50.0	52.5		ug/Kg		105	70 - 130	7	20
Bromoform	50.0	50.3		ug/Kg		101	70 - 130	2	20
Isopropylbenzene	50.0	50.5		ug/Kg		101	70 - 130	5	20
1,1,2,2-Tetrachloroethane	50.0	49.7		ug/Kg		99	70 - 130	4	20
1,3-Dichlorobenzene	50.0	48.7		ug/Kg		97	70 - 130	4	20
1,4-Dichlorobenzene	50.0	48.0		ug/Kg		96	70 - 130	3	20
1,2-Dichlorobenzene	50.0	48.3		ug/Kg		97	70 - 130	4	20
1,2-Dibromo-3-Chloropropane	50.0	44.8		ug/Kg		90	40 - 160	4	20
1,2,4-Trichlorobenzene	50.0	48.0		ug/Kg		96	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*70 - 130*

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

Lab Sample ID: LCSD 680-478517/5
Matrix: Solid
Analysis Batch: 478517

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

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: MB 680-478753/10
Matrix: Solid
Analysis Batch: 478753

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	200	U	200	38	ug/Kg			05/05/17 15:05	40
Chloromethane	200	U	200	40	ug/Kg			05/05/17 15:05	40
Vinyl chloride	200	U	200	60	ug/Kg			05/05/17 15:05	40
Bromomethane	200	U	200	60	ug/Kg			05/05/17 15:05	40
Chloroethane	200	U	200	110	ug/Kg			05/05/17 15:05	40
Trichlorofluoromethane	200	U	200	48	ug/Kg			05/05/17 15:05	40
1,1-Dichloroethene	200	U	200	60	ug/Kg			05/05/17 15:05	40
Acetone	2000	U	2000	440	ug/Kg			05/05/17 15:05	40
Carbon disulfide	200	U	200	44	ug/Kg			05/05/17 15:05	40
Methylene Chloride	200	U	200	39	ug/Kg			05/05/17 15:05	40
trans-1,2-Dichloroethene	200	U	200	25	ug/Kg			05/05/17 15:05	40
Methyl tert-butyl ether	200	U	200	40	ug/Kg			05/05/17 15:05	40
1,1-Dichloroethane	200	U	200	44	ug/Kg			05/05/17 15:05	40
cis-1,2-Dichloroethene	200	U	200	56	ug/Kg			05/05/17 15:05	40
2-Butanone (MEK)	1000	U	1000	96	ug/Kg			05/05/17 15:05	40
Chloroform	200	U	200	44	ug/Kg			05/05/17 15:05	40
1,1,1-Trichloroethane	200	U	200	24	ug/Kg			05/05/17 15:05	40
Carbon tetrachloride	200	U	200	33	ug/Kg			05/05/17 15:05	40
Benzene	200	U	200	29	ug/Kg			05/05/17 15:05	40
1,2-Dichloroethane	200	U	200	44	ug/Kg			05/05/17 15:05	40
Trichloroethene	200	U	200	52	ug/Kg			05/05/17 15:05	40
1,2-Dichloropropane	200	U	200	34	ug/Kg			05/05/17 15:05	40
Bromodichloromethane	200	U	200	39	ug/Kg			05/05/17 15:05	40
cis-1,3-Dichloropropene	200	U	200	33	ug/Kg			05/05/17 15:05	40
4-Methyl-2-pentanone	1000	U	1000	170	ug/Kg			05/05/17 15:05	40
Toluene	200	U	200	34	ug/Kg			05/05/17 15:05	40
trans-1,3-Dichloropropene	200	U	200	35	ug/Kg			05/05/17 15:05	40
1,1,2-Trichloroethane	200	U	200	52	ug/Kg			05/05/17 15:05	40
Tetrachloroethene	200	U	200	76	ug/Kg			05/05/17 15:05	40
2-Hexanone	1000	U	1000	130	ug/Kg			05/05/17 15:05	40
Dibromochloromethane	200	U	200	68	ug/Kg			05/05/17 15:05	40
1,2-Dibromoethane	200	U	200	60	ug/Kg			05/05/17 15:05	40
Chlorobenzene	200	U	200	38	ug/Kg			05/05/17 15:05	40
Ethylbenzene	200	U	200	52	ug/Kg			05/05/17 15:05	40
Xylenes, Total	400	U	400	44	ug/Kg			05/05/17 15:05	40
Styrene	200	U	200	37	ug/Kg			05/05/17 15:05	40
Bromoform	200	U	200	60	ug/Kg			05/05/17 15:05	40
Isopropylbenzene	200	U	200	76	ug/Kg			05/05/17 15:05	40
1,1,2,2-Tetrachloroethane	200	U	200	64	ug/Kg			05/05/17 15:05	40

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

Lab Sample ID: MB 680-478753/10
Matrix: Solid
Analysis Batch: 478753

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	200	U	200	64	ug/Kg			05/05/17 15:05	40
1,4-Dichlorobenzene	200	U	200	30	ug/Kg			05/05/17 15:05	40
1,2-Dichlorobenzene	200	U	200	52	ug/Kg			05/05/17 15:05	40
1,2-Dibromo-3-Chloropropane	400	U	400	180	ug/Kg			05/05/17 15:05	40
1,2,4-Trichlorobenzene	200	U	200	36	ug/Kg			05/05/17 15:05	40

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*70 - 130*		*05/05/17 15:05*	*40*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*05/05/17 15:05*	*40*
Dibromofluoromethane (Surr)	*111*		*70 - 130*		*05/05/17 15:05*	*40*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*05/05/17 15:05*	*40*

Lab Sample ID: MB 680-478753/11
Matrix: Solid
Analysis Batch: 478753

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.0	U	5.0	0.94	ug/Kg			05/05/17 15:28	1
Chloromethane	5.0	U	5.0	1.0	ug/Kg			05/05/17 15:28	1
Vinyl chloride	5.0	U	5.0	1.5	ug/Kg			05/05/17 15:28	1
Bromomethane	5.0	U	5.0	1.5	ug/Kg			05/05/17 15:28	1
Chloroethane	5.0	U	5.0	2.7	ug/Kg			05/05/17 15:28	1
Trichlorofluoromethane	5.0	U	5.0	1.2	ug/Kg			05/05/17 15:28	1
1,1-Dichloroethene	5.0	U	5.0	1.5	ug/Kg			05/05/17 15:28	1
Acetone	50	U	50	11	ug/Kg			05/05/17 15:28	1
Carbon disulfide	5.0	U	5.0	1.1	ug/Kg			05/05/17 15:28	1
Methylene Chloride	5.0	U	5.0	0.98	ug/Kg			05/05/17 15:28	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.63	ug/Kg			05/05/17 15:28	1
Methyl tert-butyl ether	5.0	U	5.0	1.0	ug/Kg			05/05/17 15:28	1
1,1-Dichloroethane	5.0	U	5.0	1.1	ug/Kg			05/05/17 15:28	1
cis-1,2-Dichloroethene	5.0	U	5.0	1.4	ug/Kg			05/05/17 15:28	1
2-Butanone (MEK)	25	U	25	2.4	ug/Kg			05/05/17 15:28	1
Chloroform	5.0	U	5.0	1.1	ug/Kg			05/05/17 15:28	1
1,1,1-Trichloroethane	5.0	U	5.0	0.59	ug/Kg			05/05/17 15:28	1
Carbon tetrachloride	5.0	U	5.0	0.83	ug/Kg			05/05/17 15:28	1
Benzene	5.0	U	5.0	0.73	ug/Kg			05/05/17 15:28	1
1,2-Dichloroethane	5.0	U	5.0	1.1	ug/Kg			05/05/17 15:28	1
Trichloroethene	5.0	U	5.0	1.3	ug/Kg			05/05/17 15:28	1
1,2-Dichloropropane	5.0	U	5.0	0.86	ug/Kg			05/05/17 15:28	1
Bromodichloromethane	5.0	U	5.0	0.97	ug/Kg			05/05/17 15:28	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.83	ug/Kg			05/05/17 15:28	1
4-Methyl-2-pentanone	25	U	25	4.2	ug/Kg			05/05/17 15:28	1
Toluene	5.0	U	5.0	0.84	ug/Kg			05/05/17 15:28	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.87	ug/Kg			05/05/17 15:28	1
1,1,2-Trichloroethane	5.0	U	5.0	1.3	ug/Kg			05/05/17 15:28	1
Tetrachloroethene	5.0	U	5.0	1.9	ug/Kg			05/05/17 15:28	1
2-Hexanone	25	U	25	3.3	ug/Kg			05/05/17 15:28	1
Dibromochloromethane	5.0	U	5.0	1.7	ug/Kg			05/05/17 15:28	1

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

Lab Sample ID: MB 680-478753/11
Matrix: Solid
Analysis Batch: 478753

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	5.0	U	5.0	1.5	ug/Kg			05/05/17 15:28	1
Chlorobenzene	5.0	U	5.0	0.96	ug/Kg			05/05/17 15:28	1
Ethylbenzene	5.0	U	5.0	1.3	ug/Kg			05/05/17 15:28	1
Xylenes, Total	10	U	10	1.1	ug/Kg			05/05/17 15:28	1
Styrene	5.0	U	5.0	0.93	ug/Kg			05/05/17 15:28	1
Bromoform	5.0	U	5.0	1.5	ug/Kg			05/05/17 15:28	1
Isopropylbenzene	5.0	U	5.0	1.9	ug/Kg			05/05/17 15:28	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	1.6	ug/Kg			05/05/17 15:28	1
1,3-Dichlorobenzene	5.0	U	5.0	1.6	ug/Kg			05/05/17 15:28	1
1,4-Dichlorobenzene	5.0	U	5.0	0.74	ug/Kg			05/05/17 15:28	1
1,2-Dichlorobenzene	5.0	U	5.0	1.3	ug/Kg			05/05/17 15:28	1
1,2-Dibromo-3-Chloropropane	10	U	10	4.4	ug/Kg			05/05/17 15:28	1
1,2,4-Trichlorobenzene	5.0	U	5.0	0.89	ug/Kg			05/05/17 15:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*70 - 130*		*05/05/17 15:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*05/05/17 15:28*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*		*05/05/17 15:28*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*05/05/17 15:28*	*1*

Lab Sample ID: LCS 680-478753/4
Matrix: Solid
Analysis Batch: 478753

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	42.3		ug/Kg		85	40 - 160
Chloromethane	50.0	40.5		ug/Kg		81	40 - 160
Vinyl chloride	50.0	42.3		ug/Kg		85	70 - 130
Bromomethane	50.0	40.1		ug/Kg		80	40 - 160
Chloroethane	50.0	49.9		ug/Kg		100	40 - 160
Trichlorofluoromethane	50.0	50.0		ug/Kg		100	40 - 160
1,1-Dichloroethene	50.0	49.5		ug/Kg		99	70 - 130
Acetone	250	254		ug/Kg		102	40 - 160
Carbon disulfide	50.0	49.7		ug/Kg		99	40 - 160
Methylene Chloride	50.0	50.4		ug/Kg		101	70 - 130
trans-1,2-Dichloroethene	50.0	45.5		ug/Kg		91	70 - 130
Methyl tert-butyl ether	50.0	44.8		ug/Kg		90	70 - 130
1,1-Dichloroethane	50.0	44.8		ug/Kg		90	70 - 130
cis-1,2-Dichloroethene	50.0	44.9		ug/Kg		90	70 - 130
2-Butanone (MEK)	250	216		ug/Kg		87	40 - 160
Chloroform	50.0	45.9		ug/Kg		92	70 - 130
1,1,1-Trichloroethane	50.0	45.4		ug/Kg		91	70 - 130
Carbon tetrachloride	50.0	46.2		ug/Kg		92	70 - 130
Benzene	50.0	45.2		ug/Kg		90	70 - 130
1,2-Dichloroethane	50.0	45.6		ug/Kg		91	70 - 130
Trichloroethene	50.0	46.4		ug/Kg		93	70 - 130
1,2-Dichloropropane	50.0	43.8		ug/Kg		88	70 - 130
Bromodichloromethane	50.0	45.9		ug/Kg		92	70 - 130

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

Lab Sample ID: LCS 680-478753/4
Matrix: Solid
Analysis Batch: 478753

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,3-Dichloropropene	50.0	45.1		ug/Kg		90	70 - 130
4-Methyl-2-pentanone	250	235		ug/Kg		94	40 - 160
Toluene	50.0	45.1		ug/Kg		90	70 - 130
trans-1,3-Dichloropropene	50.0	46.5		ug/Kg		93	70 - 130
1,1,2-Trichloroethane	50.0	46.7		ug/Kg		93	70 - 130
Tetrachloroethene	50.0	46.5		ug/Kg		93	70 - 130
2-Hexanone	250	235		ug/Kg		94	40 - 160
Dibromochloromethane	50.0	48.2		ug/Kg		96	70 - 130
1,2-Dibromoethane	50.0	47.3		ug/Kg		95	70 - 130
Chlorobenzene	50.0	45.1		ug/Kg		90	70 - 130
Ethylbenzene	50.0	45.2		ug/Kg		90	70 - 130
Xylenes, Total	100	89.4		ug/Kg		89	70 - 130
Styrene	50.0	47.4		ug/Kg		95	70 - 130
Bromoform	50.0	47.8		ug/Kg		96	70 - 130
Isopropylbenzene	50.0	45.6		ug/Kg		91	70 - 130
1,1,2,2-Tetrachloroethane	50.0	46.4		ug/Kg		93	70 - 130
1,3-Dichlorobenzene	50.0	45.2		ug/Kg		90	70 - 130
1,4-Dichlorobenzene	50.0	45.1		ug/Kg		90	70 - 130
1,2-Dichlorobenzene	50.0	45.6		ug/Kg		91	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	44.1		ug/Kg		88	40 - 160
1,2,4-Trichlorobenzene	50.0	44.4		ug/Kg		89	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*90*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*
Dibromofluoromethane (Surr)	*91*		*70 - 130*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*

Lab Sample ID: LCS 680-478753/6
Matrix: Solid
Analysis Batch: 478753

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	2500	2380		ug/Kg		95	40 - 160
Chloromethane	2500	2370		ug/Kg		95	40 - 160
Vinyl chloride	2500	2410		ug/Kg		96	70 - 130
Bromomethane	2500	2800		ug/Kg		112	40 - 160
Chloroethane	2500	2920		ug/Kg		117	40 - 160
Trichlorofluoromethane	2500	2880		ug/Kg		115	40 - 160
1,1-Dichloroethene	2500	2830		ug/Kg		113	70 - 130
Acetone	12500	15200		ug/Kg		122	40 - 160
Carbon disulfide	2500	2970		ug/Kg		119	40 - 160
Methylene Chloride	2500	2930		ug/Kg		117	70 - 130
trans-1,2-Dichloroethene	2500	2660		ug/Kg		106	70 - 130
Methyl tert-butyl ether	2500	2780		ug/Kg		111	70 - 130
1,1-Dichloroethane	2500	2560		ug/Kg		102	70 - 130
cis-1,2-Dichloroethene	2500	2650		ug/Kg		106	70 - 130
2-Butanone (MEK)	12500	13500		ug/Kg		108	40 - 160

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

Lab Sample ID: LCS 680-478753/6
Matrix: Solid
Analysis Batch: 478753

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	2500	2650		ug/Kg		106	70 - 130
1,1,1-Trichloroethane	2500	2620		ug/Kg		105	70 - 130
Carbon tetrachloride	2500	2660		ug/Kg		107	70 - 130
Benzene	2500	2660		ug/Kg		107	70 - 130
1,2-Dichloroethane	2500	2790		ug/Kg		112	70 - 130
Trichloroethene	2500	2750		ug/Kg		110	70 - 130
1,2-Dichloropropane	2500	2640		ug/Kg		105	70 - 130
Bromodichloromethane	2500	2720		ug/Kg		109	70 - 130
cis-1,3-Dichloropropene	2500	2780		ug/Kg		111	70 - 130
4-Methyl-2-pentanone	12500	14400		ug/Kg		115	40 - 160
Toluene	2500	2670		ug/Kg		107	70 - 130
trans-1,3-Dichloropropene	2500	2870		ug/Kg		115	70 - 130
1,1,2-Trichloroethane	2500	2770		ug/Kg		111	70 - 130
Tetrachloroethene	2500	2770		ug/Kg		111	70 - 130
2-Hexanone	12500	14200		ug/Kg		114	40 - 160
Dibromochloromethane	2500	2860		ug/Kg		114	70 - 130
1,2-Dibromoethane	2500	2820		ug/Kg		113	70 - 130
Chlorobenzene	2500	2720		ug/Kg		109	70 - 130
Ethylbenzene	2500	2740		ug/Kg		109	70 - 130
Xylenes, Total	5000	5470		ug/Kg		109	70 - 130
Styrene	2500	2850		ug/Kg		114	70 - 130
Bromoform	2500	2960		ug/Kg		118	70 - 130
Isopropylbenzene	2500	2790		ug/Kg		111	70 - 130
1,1,2,2-Tetrachloroethane	2500	2740		ug/Kg		110	70 - 130
1,3-Dichlorobenzene	2500	2700		ug/Kg		108	70 - 130
1,4-Dichlorobenzene	2500	2660		ug/Kg		106	70 - 130
1,2-Dichlorobenzene	2500	2640		ug/Kg		106	70 - 130
1,2-Dibromo-3-Chloropropane	2500	2590		ug/Kg		104	40 - 160
1,2,4-Trichlorobenzene	2500	2710		ug/Kg		108	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*110*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*
Dibromofluoromethane (Surr)	*106*		*70 - 130*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 680-478753/5
Matrix: Solid
Analysis Batch: 478753

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	50.0	43.9		ug/Kg		88	40 - 160	4	20
Chloromethane	50.0	44.0		ug/Kg		88	40 - 160	8	20
Vinyl chloride	50.0	44.3		ug/Kg		89	70 - 130	5	20
Bromomethane	50.0	51.8	*	ug/Kg		104	40 - 160	25	20
Chloroethane	50.0	52.8		ug/Kg		106	40 - 160	6	20
Trichlorofluoromethane	50.0	52.0		ug/Kg		104	40 - 160	4	20
1,1-Dichloroethene	50.0	53.3		ug/Kg		107	70 - 130	8	20

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

Lab Sample ID: LCSD 680-478753/5
Matrix: Solid
Analysis Batch: 478753

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			250	255		ug/Kg		102	40 - 160	0	20
Carbon disulfide			50.0	53.1		ug/Kg		106	40 - 160	7	20
Methylene Chloride			50.0	53.6		ug/Kg		107	70 - 130	6	20
trans-1,2-Dichloroethene			50.0	47.9		ug/Kg		96	70 - 130	5	20
Methyl tert-butyl ether			50.0	46.6		ug/Kg		93	70 - 130	4	20
1,1-Dichloroethane			50.0	47.2		ug/Kg		94	70 - 130	5	20
cis-1,2-Dichloroethene			50.0	46.6		ug/Kg		93	70 - 130	4	20
2-Butanone (MEK)			250	239		ug/Kg		96	40 - 160	10	20
Chloroform			50.0	47.2		ug/Kg		94	70 - 130	3	20
1,1,1-Trichloroethane			50.0	47.3		ug/Kg		95	70 - 130	4	20
Carbon tetrachloride			50.0	48.8		ug/Kg		98	70 - 130	6	20
Benzene			50.0	47.0		ug/Kg		94	70 - 130	4	20
1,2-Dichloroethane			50.0	47.6		ug/Kg		95	70 - 130	4	20
Trichloroethene			50.0	48.6		ug/Kg		97	70 - 130	5	20
1,2-Dichloropropane			50.0	45.7		ug/Kg		91	70 - 130	4	20
Bromodichloromethane			50.0	47.5		ug/Kg		95	70 - 130	3	20
cis-1,3-Dichloropropene			50.0	47.6		ug/Kg		95	70 - 130	5	20
4-Methyl-2-pentanone			250	243		ug/Kg		97	40 - 160	3	20
Toluene			50.0	46.7		ug/Kg		93	70 - 130	3	20
trans-1,3-Dichloropropene			50.0	49.2		ug/Kg		98	70 - 130	5	20
1,1,2-Trichloroethane			50.0	48.3		ug/Kg		97	70 - 130	3	20
Tetrachloroethene			50.0	49.4		ug/Kg		99	70 - 130	6	20
2-Hexanone			250	243		ug/Kg		97	40 - 160	3	20
Dibromochloromethane			50.0	49.9		ug/Kg		100	70 - 130	3	20
1,2-Dibromoethane			50.0	48.8		ug/Kg		98	70 - 130	3	20
Chlorobenzene			50.0	48.3		ug/Kg		97	70 - 130	7	20
Ethylbenzene			50.0	47.8		ug/Kg		96	70 - 130	6	20
Xylenes, Total			100	96.3		ug/Kg		96	70 - 130	7	20
Styrene			50.0	50.3		ug/Kg		101	70 - 130	6	20
Bromoform			50.0	50.5		ug/Kg		101	70 - 130	5	20
Isopropylbenzene			50.0	48.8		ug/Kg		98	70 - 130	7	20
1,1,2,2-Tetrachloroethane			50.0	47.9		ug/Kg		96	70 - 130	3	20
1,3-Dichlorobenzene			50.0	47.3		ug/Kg		95	70 - 130	4	20
1,4-Dichlorobenzene			50.0	46.8		ug/Kg		94	70 - 130	4	20
1,2-Dichlorobenzene			50.0	46.9		ug/Kg		94	70 - 130	3	20
1,2-Dibromo-3-Chloropropane			50.0	44.0		ug/Kg		88	40 - 160	0	20
1,2,4-Trichlorobenzene			50.0	47.1		ug/Kg		94	70 - 130	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*

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

Lab Sample ID: LCSD 680-478753/7
Matrix: Solid
Analysis Batch: 478753

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	2500	2260		ug/Kg		90	40 - 160	5	20
Chloromethane	2500	2250		ug/Kg		90	40 - 160	5	20
Vinyl chloride	2500	2360		ug/Kg		95	70 - 130	2	20
Bromomethane	2500	2780		ug/Kg		111	40 - 160	1	20
Chloroethane	2500	2940		ug/Kg		118	40 - 160	1	20
Trichlorofluoromethane	2500	2850		ug/Kg		114	40 - 160	1	20
1,1-Dichloroethene	2500	2890		ug/Kg		115	70 - 130	2	20
Acetone	12500	15600		ug/Kg		124	40 - 160	2	20
Carbon disulfide	2500	2800		ug/Kg		112	40 - 160	6	20
Methylene Chloride	2500	2780		ug/Kg		111	70 - 130	5	20
trans-1,2-Dichloroethene	2500	2550		ug/Kg		102	70 - 130	4	20
Methyl tert-butyl ether	2500	2660		ug/Kg		106	70 - 130	5	20
1,1-Dichloroethane	2500	2450		ug/Kg		98	70 - 130	4	20
cis-1,2-Dichloroethene	2500	2550		ug/Kg		102	70 - 130	4	20
2-Butanone (MEK)	12500	13600		ug/Kg		109	40 - 160	1	20
Chloroform	2500	2570		ug/Kg		103	70 - 130	3	20
1,1,1-Trichloroethane	2500	2480		ug/Kg		99	70 - 130	6	20
Carbon tetrachloride	2500	2530		ug/Kg		101	70 - 130	5	20
Benzene	2500	2530		ug/Kg		101	70 - 130	5	20
1,2-Dichloroethane	2500	2730		ug/Kg		109	70 - 130	2	20
Trichloroethene	2500	2600		ug/Kg		104	70 - 130	6	20
1,2-Dichloropropane	2500	2470		ug/Kg		99	70 - 130	6	20
Bromodichloromethane	2500	2560		ug/Kg		102	70 - 130	6	20
cis-1,3-Dichloropropene	2500	2660		ug/Kg		106	70 - 130	5	20
4-Methyl-2-pentanone	12500	13800		ug/Kg		110	40 - 160	4	20
Toluene	2500	2540		ug/Kg		102	70 - 130	5	20
trans-1,3-Dichloropropene	2500	2740		ug/Kg		110	70 - 130	4	20
1,1,2-Trichloroethane	2500	2640		ug/Kg		106	70 - 130	5	20
Tetrachloroethene	2500	2610		ug/Kg		104	70 - 130	6	20
2-Hexanone	12500	13600		ug/Kg		109	40 - 160	5	20
Dibromochloromethane	2500	2740		ug/Kg		110	70 - 130	4	20
1,2-Dibromoethane	2500	2750		ug/Kg		110	70 - 130	2	20
Chlorobenzene	2500	2630		ug/Kg		105	70 - 130	3	20
Ethylbenzene	2500	2630		ug/Kg		105	70 - 130	4	20
Xylenes, Total	5000	5320		ug/Kg		106	70 - 130	3	20
Styrene	2500	2770		ug/Kg		111	70 - 130	3	20
Bromoform	2500	2910		ug/Kg		116	70 - 130	2	20
Isopropylbenzene	2500	2680		ug/Kg		107	70 - 130	4	20
1,1,2,2-Tetrachloroethane	2500	2680		ug/Kg		107	70 - 130	2	20
1,3-Dichlorobenzene	2500	2520		ug/Kg		101	70 - 130	7	20
1,4-Dichlorobenzene	2500	2470		ug/Kg		99	70 - 130	7	20
1,2-Dichlorobenzene	2500	2490		ug/Kg		100	70 - 130	6	20
1,2-Dibromo-3-Chloropropane	2500	2460		ug/Kg		98	40 - 160	5	20
1,2,4-Trichlorobenzene	2500	2510		ug/Kg		100	70 - 130	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*104*		*70 - 130*

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

Lab Sample ID: LCSD 680-478753/7
Matrix: Solid
Analysis Batch: 478753

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

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*

QC Association Summary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

GC/MS VOA

Analysis Batch: 182625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-138014-19 - DL	6489-HA-1 (4.5-5)	Total/NA	Water	8260B	
680-138014-19	6489-HA-1 (4.5-5)	Total/NA	Water	8260B	
680-138014-21	6489-DUP-2	Total/NA	Water	8260B	
680-138014-22	6489-TB	Total/NA	Water	8260B	
MB 660-182625/6	Method Blank	Total/NA	Water	8260B	
LCS 660-182625/4	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 182648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-138014-1	6489-DP-4 (13-18)	Total/NA	Water	8260B	
680-138014-4	6489-DP-5 (3-8)	Total/NA	Water	8260B	
680-138014-5	6489-DP-5 (8-18)	Total/NA	Water	8260B	
680-138014-8	6489-DP-6 (4-5)	Total/NA	Water	8260B	
680-138014-17 - DL	6489-DP-8 (13-17)	Total/NA	Water	8260B	
680-138014-17	6489-DP-8 (13-17)	Total/NA	Water	8260B	
MB 660-182648/7	Method Blank	Total/NA	Water	8260B	
LCS 660-182648/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 660-182648/5	Lab Control Sample Dup	Total/NA	Water	8260B	

Prep Batch: 477632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-138014-2	6489-DP-5 (1-2)	Total/NA	Solid	5035	
680-138014-3	6489-DP-5 (19-20)	Total/NA	Solid	5035	
680-138014-6	6489-DP-6 (1-2)	Total/NA	Solid	5035	
680-138014-7	6489-DP-6 (15-16)	Total/NA	Solid	5035	
680-138014-10	6489-DP-7 (4-6)	Total/NA	Solid	5035	
680-138014-10 - DL	6489-DP-7 (4-6)	Total/NA	Solid	5035	
680-138014-11	6489-DP-7 (18-19)	Total/NA	Solid	5035	
680-138014-12	6489-DP-7 (22-23.5)	Total/NA	Solid	5035	
680-138014-14	6489-DP-8 (3-4)	Total/NA	Solid	5035	
680-138014-15	6489-DP-8 (8-10)	Total/NA	Solid	5035	
680-138014-16	6489-DP-8 (18-19)	Total/NA	Solid	5035	
680-138014-18	6489-HA-1 (2-3)	Total/NA	Solid	5035	
680-138014-20	6489-DUP-1	Total/NA	Solid	5035	

Analysis Batch: 478515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-138014-10	6489-DP-7 (4-6)	Total/NA	Solid	8260B	477632
MB 680-478515/10	Method Blank	Total/NA	Solid	8260B	
MB 680-478515/11	Method Blank	Total/NA	Solid	8260B	
LCS 680-478515/6	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-478515/28	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 478517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-138014-2	6489-DP-5 (1-2)	Total/NA	Solid	8260B	477632
680-138014-3	6489-DP-5 (19-20)	Total/NA	Solid	8260B	477632
680-138014-6	6489-DP-6 (1-2)	Total/NA	Solid	8260B	477632
680-138014-7	6489-DP-6 (15-16)	Total/NA	Solid	8260B	477632
680-138014-11	6489-DP-7 (18-19)	Total/NA	Solid	8260B	477632
680-138014-12	6489-DP-7 (22-23.5)	Total/NA	Solid	8260B	477632

GC/MS VOA (Continued)

Analysis Batch: 478517 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-138014-14	6489-DP-8 (3-4)	Total/NA	Solid	8260B	477632
680-138014-15	6489-DP-8 (8-10)	Total/NA	Solid	8260B	477632
680-138014-16	6489-DP-8 (18-19)	Total/NA	Solid	8260B	477632
MB 680-478517/8	Method Blank	Total/NA	Solid	8260B	
LCS 680-478517/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-478517/5	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 478753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-138014-10 - DL	6489-DP-7 (4-6)	Total/NA	Solid	8260B	477632
680-138014-18	6489-HA-1 (2-3)	Total/NA	Solid	8260B	477632
680-138014-20	6489-DUP-1	Total/NA	Solid	8260B	477632
MB 680-478753/10	Method Blank	Total/NA	Solid	8260B	
MB 680-478753/11	Method Blank	Total/NA	Solid	8260B	
LCS 680-478753/4	Lab Control Sample	Total/NA	Solid	8260B	
LCS 680-478753/6	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-478753/5	Lab Control Sample Dup	Total/NA	Solid	8260B	
LCSD 680-478753/7	Lab Control Sample Dup	Total/NA	Solid	8260B	

General Chemistry

Analysis Batch: 478489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-138014-2	6489-DP-5 (1-2)	Total/NA	Solid	Moisture	
680-138014-3	6489-DP-5 (19-20)	Total/NA	Solid	Moisture	
680-138014-6	6489-DP-6 (1-2)	Total/NA	Solid	Moisture	
680-138014-7	6489-DP-6 (15-16)	Total/NA	Solid	Moisture	
680-138014-10	6489-DP-7 (4-6)	Total/NA	Solid	Moisture	
680-138014-11	6489-DP-7 (18-19)	Total/NA	Solid	Moisture	
680-138014-12	6489-DP-7 (22-23.5)	Total/NA	Solid	Moisture	
680-138014-14	6489-DP-8 (3-4)	Total/NA	Solid	Moisture	
680-138014-15	6489-DP-8 (8-10)	Total/NA	Solid	Moisture	
680-138014-16	6489-DP-8 (18-19)	Total/NA	Solid	Moisture	
680-138014-18	6489-HA-1 (2-3)	Total/NA	Solid	Moisture	
680-138014-20	6489-DUP-1	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Client Sample ID: 6489-DP-4 (13-18)
Lab Sample ID: 680-138014-1
Date Collected: 04/26/17 08:17
Matrix: Water
Date Received: 04/27/17 09:30

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 mL	5 mL	182648	05/09/17 21:08	K1P	TAL TAM
	Instrument ID: CHBVMJ5975									

Client Sample ID: 6489-DP-5 (1-2)
Lab Sample ID: 680-138014-2
Date Collected: 04/26/17 10:00
Matrix: Solid
Date Received: 04/27/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			478489	05/03/17 19:05	EDE	TAL SAV
	Instrument ID: NOEQUIP									

Client Sample ID: 6489-DP-5 (1-2)
Lab Sample ID: 680-138014-2
Date Collected: 04/26/17 10:00
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.081 g	5 mL	477632	04/27/17 12:17	FES	TAL SAV
Total/NA	Analysis	8260B		1	5 g	5 g	478517	05/04/17 15:25	JLK	TAL SAV
	Instrument ID: CMSAB									

Client Sample ID: 6489-DP-5 (19-20)
Lab Sample ID: 680-138014-3
Date Collected: 04/26/17 09:55
Matrix: Solid
Date Received: 04/27/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			478489	05/03/17 19:05	EDE	TAL SAV
	Instrument ID: NOEQUIP									

Client Sample ID: 6489-DP-5 (19-20)
Lab Sample ID: 680-138014-3
Date Collected: 04/26/17 09:55
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.407 g	5 mL	477632	04/27/17 12:17	FES	TAL SAV
Total/NA	Analysis	8260B		1	5 g	5 g	478517	05/04/17 15:47	JLK	TAL SAV
	Instrument ID: CMSAB									

Client Sample ID: 6489-DP-5 (3-8)
Lab Sample ID: 680-138014-4
Date Collected: 04/26/17 10:10
Matrix: Water
Date Received: 04/27/17 09:30

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 mL	5 mL	182648	05/09/17 21:27	K1P	TAL TAM

Client Sample ID: 6489-DP-5 (3-8)
Lab Sample ID: 680-138014-4
Date Collected: 04/26/17 10:10
Matrix: Water
Date Received: 04/27/17 09:30

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 mL	5 mL	182648	05/09/17 21:27	K1P	TAL TAM
	Instrument ID: CHBVMJ5975									

Client Sample ID: 6489-DP-5 (8-18)
Lab Sample ID: 680-138014-5
Date Collected: 04/26/17 10:05
Matrix: Water
Date Received: 04/27/17 09:30

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 mL	5 mL	182648	05/09/17 21:45	K1P	TAL TAM
	Instrument ID: CHBVMJ5975									

Client Sample ID: 6489-DP-6 (1-2)
Lab Sample ID: 680-138014-6
Date Collected: 04/26/17 11:18
Matrix: Solid
Date Received: 04/27/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			478489	05/03/17 19:05	EDE	TAL SAV
	Instrument ID: NOEQUIP									

Client Sample ID: 6489-DP-6 (1-2)
Lab Sample ID: 680-138014-6
Date Collected: 04/26/17 11:18
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 81.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.951 g	5 mL	477632	04/27/17 12:17	FES	TAL SAV
Total/NA	Analysis	8260B		1	5 g	5 g	478517	05/04/17 16:10	JLK	TAL SAV
	Instrument ID: CMSAB									

Client Sample ID: 6489-DP-6 (15-16)
Lab Sample ID: 680-138014-7
Date Collected: 04/26/17 11:23
Matrix: Solid
Date Received: 04/27/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			478489	05/03/17 19:05	EDE	TAL SAV
	Instrument ID: NOEQUIP									

Client Sample ID: 6489-DP-6 (15-16)
Lab Sample ID: 680-138014-7
Date Collected: 04/26/17 11:23
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 78.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.425 g	5 mL	477632	04/27/17 12:17	FES	TAL SAV

Lab Chronicle

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Client Sample ID: 6489-DP-6 (15-16)

Lab Sample ID: 680-138014-7
Date Collected: 04/26/17 11:23
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 78.3

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 g	5 g	478517	05/04/17 16:33	JLK	TAL SAV
	Instrument ID: CMSAB									

Client Sample ID: 6489-DP-6 (4-5)

Lab Sample ID: 680-138014-8
Date Collected: 04/26/17 12:46
Matrix: Water
Date Received: 04/27/17 09:30

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 mL	5 mL	182648	05/09/17 22:04	K1P	TAL TAM
	Instrument ID: CHBVMJ5975									

Client Sample ID: 6489-DP-7 (4-6)

Lab Sample ID: 680-138014-10
Date Collected: 04/26/17 14:59
Matrix: Solid
Date Received: 04/27/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			478489	05/03/17 19:05	EDE	TAL SAV
	Instrument ID: NOEQUIP									

Client Sample ID: 6489-DP-7 (4-6)

Lab Sample ID: 680-138014-10
Date Collected: 04/26/17 14:59
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.336 g	5 mL	477632	04/27/17 12:17	FES	TAL SAV
Total/NA	Analysis	8260B		2000	5 mL	5 mL	478515	05/04/17 15:49	JLK	TAL SAV
	Instrument ID: CMSAA									
Total/NA	Prep	5035	DL		7.336 g	5 mL	477632	04/27/17 12:17	FES	TAL SAV
Total/NA	Analysis	8260B	DL	20000	5 mL	5 mL	478753	05/05/17 19:17	JLK	TAL SAV
	Instrument ID: CMSAB									

Client Sample ID: 6489-DP-7 (18-19)

Lab Sample ID: 680-138014-11
Date Collected: 04/26/17 14:53
Matrix: Solid
Date Received: 04/27/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			478489	05/03/17 19:05	EDE	TAL SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Client Sample ID: 6489-DP-7 (18-19)

Lab Sample ID: 680-138014-11
Date Collected: 04/26/17 14:53
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.331 g	5 mL	477632	04/27/17 12:17	FES	TAL SAV
Total/NA	Analysis	8260B		1	5 g	5 g	478517	05/04/17 16:56	JLK	TAL SAV
	Instrument ID:	CMSAB								

Client Sample ID: 6489-DP-7 (22-23.5)

Lab Sample ID: 680-138014-12
Date Collected: 04/26/17 14:47
Matrix: Solid
Date Received: 04/27/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			478489	05/03/17 19:05	EDE	TAL SAV
	Instrument ID:	NOEQUIP								

Client Sample ID: 6489-DP-7 (22-23.5)

Lab Sample ID: 680-138014-12
Date Collected: 04/26/17 14:47
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.339 g	5 mL	477632	04/27/17 12:17	FES	TAL SAV
Total/NA	Analysis	8260B		1	5 g	5 g	478517	05/04/17 17:19	JLK	TAL SAV
	Instrument ID:	CMSAB								

Client Sample ID: 6489-DP-8 (3-4)

Lab Sample ID: 680-138014-14
Date Collected: 04/26/17 18:05
Matrix: Solid
Date Received: 04/27/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			478489	05/03/17 19:05	EDE	TAL SAV
	Instrument ID:	NOEQUIP								

Client Sample ID: 6489-DP-8 (3-4)

Lab Sample ID: 680-138014-14
Date Collected: 04/26/17 18:05
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.048 g	5 mL	477632	04/27/17 12:17	FES	TAL SAV
Total/NA	Analysis	8260B		1	5 g	5 g	478517	05/04/17 17:42	JLK	TAL SAV
	Instrument ID:	CMSAB								

Lab Chronicle

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Client Sample ID: 6489-DP-8 (8-10)
Lab Sample ID: 680-138014-15
Date Collected: 04/26/17 18:10
Matrix: Solid
Date Received: 04/27/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			478489	05/03/17 19:05	EDE	TAL SAV
	Instrument ID: NOEQUIP									

Client Sample ID: 6489-DP-8 (8-10)
Lab Sample ID: 680-138014-15
Date Collected: 04/26/17 18:10
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 76.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.925 g	5 mL	477632	04/27/17 12:17	FES	TAL SAV
Total/NA	Analysis	8260B		1	5 g	5 g	478517	05/04/17 18:05	JLK	TAL SAV
	Instrument ID: CMSAB									

Client Sample ID: 6489-DP-8 (18-19)
Lab Sample ID: 680-138014-16
Date Collected: 04/26/17 18:15
Matrix: Solid
Date Received: 04/27/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			478489	05/03/17 19:05	EDE	TAL SAV
	Instrument ID: NOEQUIP									

Client Sample ID: 6489-DP-8 (18-19)
Lab Sample ID: 680-138014-16
Date Collected: 04/26/17 18:15
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 72.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.026 g	5 mL	477632	04/27/17 12:17	FES	TAL SAV
Total/NA	Analysis	8260B		1	5 g	5 g	478517	05/04/17 18:27	JLK	TAL SAV
	Instrument ID: CMSAB									

Client Sample ID: 6489-DP-8 (13-17)
Lab Sample ID: 680-138014-17
Date Collected: 04/26/17 18:20
Matrix: Water
Date Received: 04/27/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	50	5 mL	5 mL	182648	05/09/17 22:22	K1P	TAL TAM
	Instrument ID: CHBVMJ5975									
Total/NA	Analysis	8260B		5	5 mL	5 mL	182648	05/09/17 22:41	K1P	TAL TAM
	Instrument ID: CHBVMJ5975									

Lab Chronicle

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Client Sample ID: 6489-HA-1 (2-3)
Lab Sample ID: 680-138014-18
Date Collected: 04/26/17 16:25
Matrix: Solid
Date Received: 04/27/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			478489	05/03/17 19:05	EDE	TAL SAV
	Instrument ID: NOEQUIP									

Client Sample ID: 6489-HA-1 (2-3)
Lab Sample ID: 680-138014-18
Date Collected: 04/26/17 16:25
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.102 g	5 mL	477632	04/27/17 12:17	FES	TAL SAV
Total/NA	Analysis	8260B		40	5 mL	5 mL	478753	05/05/17 19:40	JLK	TAL SAV
	Instrument ID: CMSAB									

Client Sample ID: 6489-HA-1 (4.5-5)
Lab Sample ID: 680-138014-19
Date Collected: 04/26/17 16:32
Matrix: Water
Date Received: 04/27/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	200	5 mL	5 mL	182625	05/09/17 16:41	TGP	TAL TAM
	Instrument ID: CHBVME5973									
Total/NA	Analysis	8260B		20	5 mL	5 mL	182625	05/09/17 21:25	TGP	TAL TAM
	Instrument ID: CHBVME5973									

Client Sample ID: 6489-DUP-1
Lab Sample ID: 680-138014-20
Date Collected: 04/26/17 00:00
Matrix: Solid
Date Received: 04/27/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			478489	05/03/17 19:05	EDE	TAL SAV
	Instrument ID: NOEQUIP									

Client Sample ID: 6489-DUP-1
Lab Sample ID: 680-138014-20
Date Collected: 04/26/17 00:00
Matrix: Solid
Date Received: 04/27/17 09:30
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.677 g	5 mL	477632	04/27/17 12:17	FES	TAL SAV
Total/NA	Analysis	8260B		20000	5 mL	5 mL	478753	05/05/17 20:26	JLK	TAL SAV
	Instrument ID: CMSAB									

Lab Chronicle

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Client Sample ID: 6489-DUP-2

Lab Sample ID: 680-138014-21

Date Collected: 04/26/17 00:00
Matrix: Water
Date Received: 04/27/17 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2000	5 mL	5 mL	182625	05/09/17 16:19	TGP	TAL TAM
	Instrument ID: CHBVME5973									

Client Sample ID: 6489-TB

Lab Sample ID: 680-138014-22

Date Collected: 04/26/17 00:00
Matrix: Water
Date Received: 04/27/17 09:30

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 mL	5 mL	182625	05/09/17 15:35	TGP	TAL TAM
	Instrument ID: CHBVME5973									

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Accreditation/Certification Summary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Laboratory: TestAmerica Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Georgia	State Program	4	N/A	06-30-17 *

Laboratory: TestAmerica Tampa

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

Authority	Program	EPA Region	Identification Number	Expiration Date
Florida	NELAP	4	E84282	06-30-17
Georgia	State Program	4	905	06-30-17
USDA	Federal		P330-14-00332	10-14-17

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138014-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
Moisture	Percent Moisture	EPA	TAL SAV

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 SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica Savannah
5102 LaRoche Avenue

Savannah, GA 31404
Phone: 912.354.7858 Fax:

Chain of Custody Record

193727

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

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

Client Contact	Project Manager: CMcFall	Site Contact:	Date:	COC No:
Company Name: EnviroForensics	Tel/Fax: Same.	Lab Contact:	Carrier:	____ of ____ COCs
Address: 825 N Capitol Ave	Analysis Turnaround Time			Sampler:
City/State/Zip: Indianapolis, IN 46204	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 866-888-7911	TAT if different from Below ____			Walk-in Client:
Fax: 317-972-7875	☒ 2 weeks			Lab Sampling:
Project Name: Ideal Cleaners	☐ 1 week			
Site: 6489	☐ 2 days			Job / SDG No.:
PO# 2017 0556	☐ 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	Sample Specific Notes:
6489-DP-4 (13-18)	4/26/17	0817	G	water	3			X	
6489-DP-5 (1-2)	4/26/17	1000	G	soil	4			X	
6489-DP-5 (19-20)	4/26/17	0955	G	soil	4			X	
6489-DP-5 (3-8)	4/26/17	1010	G	water	3			X	
6489-DP-5 (8-18)	4/26/17	1005	G	water	3			X	
6489-DP-6 (1-2)	4/26/17	1118	G	soil	4			X	
6489-DP-6 (15-16)	4/26/17	1123	G	soil	4			X	
6489-DP-6 (4-5)	4/26/17	1246	G	water	3			X	
6489-DP-6 (9-14)	4/26/17	1130	G	water	3			X	
6489-DP-7 (4-6)	4/26/17	1459	G	soil	4			X	
6489-DP-7 (18-19)	4/26/17	1453	G	soil	4			X	
6489-DP-7 (22-23.5)	4/26/17	1447	G	soil	4			X	

680-138014 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:
Shipped by Fedex at ~ 1855

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: 3.8/1.4 Corr'd: 3.1/0.7 | Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: SAV	Date/Time: 4-27-17 930

681-Atlanta

TestAmerica Savannah
5102 LaRoche Avenue

Savannah, GA 31406
Phone: 912.354.7858 Fax:

Chain of Custody Record

193728

TestAmerica
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TestAmerica Laboratories, Inc.
TAL-8210 (0713)

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

Client Contact	Project Manager: CMcFall	Site Contact:	Date:	COC No:
Company Name: EnviroForensics	Tel/Fax: same	Lab Contact:	Carrier:	____ of ____ COCs
Address: 825 N Capitol Ave	Analysis Turnaround Time			Sampler:
City/State/Zip: Indianapolis IN 46204	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 866-888-7911	TAT if different from Below ____			Walk-in Client:
Fax: 317-972-7875	☒ 2 weeks			Lab Sampling:
Project Name: Ideal Cleaners	☐ 1 week			
Site: 6489	☐ 2 days			Job / SDG No.:
PO # 2017 0556	☐ 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	Sample Specific Notes:
6489-DP-7 (12-17)	4/26/17	1516	G	water	3			X	
6489-DP-8 (3-4)	4/26/17	1805	G	soil	4			X	
6489-DP-8 (8-10)	4/26/17	1810	G	soil	4			X	
6489-DP-8 (18-19)	4/26/17	1815	G	soil	4			X	
6489-DP-8 (13-17)	4/26/17	1820	G	water	3			X	
6489-HA-1 (2-3)	4/26/17	1625	G	soil	4			X	
6489-HA-1 (4.5-5)	4/26/17	1632	G	water	3			X	
6489-DUP-1	—	—	G	soil	4			X	
6489-DUP-2	—	—	G	water	3			X	
6489-TB	—	—	—	water	3			X	

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:

Shipped by Fedex at ~1055

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: 3.8/1.4 Corr'd: 3.1/0.7 | Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time: 4-27-17 950

681-Atlanta

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Barnett, Eddie T	Carrier Tracking No(s):	COC No: 680-476849.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: eddie.barnett@testamericainc.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): State Program - Georgia		Job #: 680-138014-1
Address: 6712 Benjamin Road, Suite 100,	Due Date Requested: 5/9/2017			
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33634				
Phone: 813-885-7427(Tel) 813-885-7049(Fax)	PO #:			
Email:	WO #:			
Project Name: Ideal Cleaners - LaGrange, GA	Project #: 68018080			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/5030B (MOD) TCL OLM04.2 (w/ SAV Surrogates)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
6489-DP-4 (13-18) (680-138014-1)	4/26/17	08:17 Eastern		Water			X	3	
6489-DP-5 (3-8) (680-138014-4)	4/26/17	10:10 Eastern		Water			X	3	
6489-DP-5 (8-18) (680-138014-5)	4/26/17	10:05 Eastern		Water			X	3	
6489-DP-6 (4-5) (680-138014-8)	4/26/17	12:46 Eastern		Water			X	3	
6489-DP-8 (13-17) (680-138014-17)	4/26/17	18:20 Eastern		Water			X	3	
6489-HA-1 (4.5-5) (680-138014-19)	4/26/17	16:32 Eastern		Water			X	3	
6489-DUP-2 (680-138014-21)	4/26/17	Eastern		Water			X	3	
6489-TB (680-138014-22)	4/26/17	Eastern		Water			X	3	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.

Possible Hazard Identification *Unconfirmed*	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)* ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Jessica R Elerick	Date/Time: 5/5/17 1554	Company TAAL	Received by:	Date/Time: 5/6/17 1130	Company TA TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 3.6/3.2 CU-OK		

Login Sample Receipt Checklist

Client: Environmental Forensic Investigation Inc

Job Number: 680-138014-1

Login Number: 138014
List Number: 1
Creator: Flanagan, Naomi V

List Source: TestAmerica Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
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.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Environmental Forensic Investigation Inc

Job Number: 680-138014-1

Login Number: 138014
List Number: 2
Creator: Southers, Kristin B

List Source: TestAmerica Tampa
List Creation: 05/06/17 03:08 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
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.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-138116-1
Client Project/Site: Ideal Cleaners - LaGrange, GA

For:
Environmental Forensic Investigation Inc
Enviroforensics, Inc
825 N. Capitol Ave
Indianapolis, Indiana 46204

Attn: Mr. Casey McFall

Authorized for release by:
5/12/2017 2:31:31 PM

Eddie Barnett, Project Manager I
(912)354-7858
eddie.barnett@testamericainc.com

Definitions/Glossary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138116-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	RPD of the LCS and LCSD 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.

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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Sample Summary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138116-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-138116-1	6489-DP-9 (10-11)	Solid	04/27/17 09:55	04/28/17 09:05
680-138116-2	6489-DP-9 (18-19)	Solid	04/27/17 10:00	04/28/17 09:05
680-138116-3	6489-DP-9 (24-25)	Solid	04/27/17 10:05	04/28/17 09:05
680-138116-5	6489-DP-9 (20-23)	Water	04/27/17 10:12	04/28/17 09:05

Job ID: 680-138116-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE
Client: Environmental Forensic Investigation Inc
Project: Ideal Cleaners - LaGrange, GA

Report Number: 680-138116-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT
The samples were received on 04/28/2017; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 4.0º C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples 6489-DP-9 (10-11) (680-138116-1), 6489-DP-9 (18-19) (680-138116-2) and 6489-DP-9 (24-25) (680-138116-3) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 04/28/2017 and analyzed on 05/09/2017 and 05/10/2017.

A trip blank was listed on the Chain of Custody (COC); however, a trip blank was not received.

The following sample was diluted due to the nature of the sample matrix: 6489-DP-9 (18-19) (680-138116-2). Elevated reporting limits (RLs) are provided.

1,1,2,2-Tetrachloroethane, Carbon disulfide, Chloromethane, Dichlorodifluoromethane and Vinyl chloride exceeded the RPD limit for LCSD 680-479174/30. Refer to the QC report for details.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 680-477863 and analytical batch 680-479312.

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

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Sample 6489-DP-9 (20-23) (680-138116-5) was analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 05/10/2017.

Sample 6489-DP-9 (20-23) (680-138116-5)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

PERCENT SOLIDS/MOISTURE
Samples 6489-DP-9 (10-11) (680-138116-1), 6489-DP-9 (18-19) (680-138116-2) and 6489-DP-9 (24-25) (680-138116-3) were analyzed for Percent Solids/Moisture in accordance with TestAmerica SOP. The samples were analyzed on 05/04/2017.

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

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138116-1

Client Sample ID: 6489-DP-9 (10-11)

Date Collected: 04/27/17 09:55
Date Received: 04/28/17 09:05

Lab Sample ID: 680-138116-1

Matrix: Solid
Percent Solids: 91.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.7	U *	5.7	1.1	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Chloromethane	5.7	U *	5.7	1.1	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Vinyl chloride	5.7	U *	5.7	1.7	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Bromomethane	5.7	U	5.7	1.7	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Chloroethane	5.7	U	5.7	3.1	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Trichlorofluoromethane	5.7	U	5.7	1.4	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
1,1-Dichloroethene	5.7	U	5.7	1.7	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Acetone	57	U	57	13	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Carbon disulfide	5.7	U *	5.7	1.3	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Methylene Chloride	5.7	U	5.7	1.1	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
trans-1,2-Dichloroethene	5.7	U	5.7	0.72	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Methyl tert-butyl ether	5.7	U	5.7	1.1	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
1,1-Dichloroethane	5.7	U	5.7	1.3	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
cis-1,2-Dichloroethene	5.7	U	5.7	1.6	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
2-Butanone (MEK)	28	U	28	2.7	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Chloroform	5.7	U	5.7	1.3	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
1,1,1-Trichloroethane	5.7	U	5.7	0.67	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Carbon tetrachloride	5.7	U	5.7	0.95	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Benzene	5.7	U	5.7	0.83	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
1,2-Dichloroethane	5.7	U	5.7	1.3	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Trichloroethene	5.7	U	5.7	1.5	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
1,2-Dichloropropane	5.7	U	5.7	0.98	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Bromodichloromethane	5.7	U	5.7	1.1	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
cis-1,3-Dichloropropene	5.7	U	5.7	0.95	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
4-Methyl-2-pentanone	28	U	28	4.8	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Toluene	5.7	U	5.7	0.96	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
trans-1,3-Dichloropropene	5.7	U	5.7	0.99	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
1,1,2-Trichloroethane	5.7	U	5.7	1.5	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Tetrachloroethene	5.7	U	5.7	2.2	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
2-Hexanone	28	U	28	3.8	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Dibromochloromethane	5.7	U	5.7	1.9	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
1,2-Dibromoethane	5.7	U	5.7	1.7	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Chlorobenzene	5.7	U	5.7	1.1	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Ethylbenzene	5.7	U	5.7	1.5	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Xylenes, Total	11	U	11	1.3	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Styrene	5.7	U	5.7	1.1	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Bromoform	5.7	U	5.7	1.7	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
Isopropylbenzene	5.7	U	5.7	2.2	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
1,1,2,2-Tetrachloroethane	5.7	U *	5.7	1.8	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
1,3-Dichlorobenzene	5.7	U	5.7	1.8	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
1,4-Dichlorobenzene	5.7	U	5.7	0.84	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
1,2-Dichlorobenzene	5.7	U	5.7	1.5	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
1,2-Dibromo-3-Chloropropane	11	U	11	5.0	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1
1,2,4-Trichlorobenzene	5.7	U	5.7	1.0	ug/Kg	☼	04/28/17 16:36	05/09/17 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*70 - 130*	*04/28/17 16:36*	*05/09/17 20:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*04/28/17 16:36*	*05/09/17 20:51*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*04/28/17 16:36*	*05/09/17 20:51*	*1*

Client Sample ID: 6489-DP-9 (10-11)

Lab Sample ID: 680-138116-1
Date Collected: 04/27/17 09:55
Matrix: Solid
Date Received: 04/28/17 09:05
Percent Solids: 91.9

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/28/17 16:36	05/09/17 20:51	1

Client Sample ID: 6489-DP-9 (18-19)

Lab Sample ID: 680-138116-2
Date Collected: 04/27/17 10:00
Matrix: Solid
Date Received: 04/28/17 09:05
Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2700	U	2700	510	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Chloromethane	2700	U	2700	550	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Vinyl chloride	2700	U	2700	820	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Bromomethane	2700	U	2700	820	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Chloroethane	2700	U	2700	1500	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Trichlorofluoromethane	2700	U	2700	660	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
1,1-Dichloroethene	2700	U	2700	820	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Acetone	27000	U	27000	6000	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Carbon disulfide	2700	U	2700	600	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Methylene Chloride	2700	U	2700	540	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
trans-1,2-Dichloroethene	2700	U	2700	340	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Methyl tert-butyl ether	2700	U	2700	550	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
1,1-Dichloroethane	2700	U	2700	600	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
cis-1,2-Dichloroethene	2700	U	2700	760	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
2-Butanone (MEK)	14000	U	14000	1300	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Chloroform	2700	U	2700	600	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
1,1,1-Trichloroethane	2700	U	2700	320	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Carbon tetrachloride	2700	U	2700	450	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Benzene	2700	U	2700	400	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
1,2-Dichloroethane	2700	U	2700	600	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Trichloroethene	2700	U	2700	710	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
1,2-Dichloropropane	2700	U	2700	470	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Bromodichloromethane	2700	U	2700	530	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
cis-1,3-Dichloropropene	2700	U	2700	450	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
4-Methyl-2-pentanone	14000	U	14000	2300	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Toluene	**590**	**J**	2700	460	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
trans-1,3-Dichloropropene	2700	U	2700	480	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
1,1,2-Trichloroethane	2700	U	2700	710	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Tetrachloroethene	**1400**	**J**	2700	1000	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
2-Hexanone	14000	U	14000	1800	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Dibromochloromethane	2700	U	2700	930	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
1,2-Dibromoethane	2700	U	2700	820	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Chlorobenzene	2700	U	2700	520	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Ethylbenzene	2700	U	2700	710	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Xylenes, Total	5500	U	5500	600	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Styrene	2700	U	2700	510	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Bromoform	2700	U	2700	820	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
Isopropylbenzene	2700	U	2700	1000	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
1,1,2,2-Tetrachloroethane	2700	U	2700	870	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
1,3-Dichlorobenzene	2700	U	2700	870	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
1,4-Dichlorobenzene	2700	U	2700	400	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500

Client Sample ID: 6489-DP-9 (18-19)

Lab Sample ID: 680-138116-2
Date Collected: 04/27/17 10:00
Matrix: Solid
Date Received: 04/28/17 09:05
Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	2700	U	2700	710	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
1,2-Dibromo-3-Chloropropane	5500	U	5500	2400	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500
1,2,4-Trichlorobenzene	2700	U	2700	490	ug/Kg	☼	04/28/17 16:36	05/10/17 16:53	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*70 - 130*	*04/28/17 16:36*	*05/10/17 16:53*	*500*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*04/28/17 16:36*	*05/10/17 16:53*	*500*
Dibromofluoromethane (Surr)	*111*		*70 - 130*	*04/28/17 16:36*	*05/10/17 16:53*	*500*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*04/28/17 16:36*	*05/10/17 16:53*	*500*

Client Sample ID: 6489-DP-9 (24-25)

Lab Sample ID: 680-138116-3
Date Collected: 04/27/17 10:05
Matrix: Solid
Date Received: 04/28/17 09:05
Percent Solids: 72.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	6.2	U *	6.2	1.2	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Chloromethane	6.2	U *	6.2	1.2	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Vinyl chloride	6.2	U *	6.2	1.9	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Bromomethane	6.2	U	6.2	1.9	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Chloroethane	6.2	U	6.2	3.3	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Trichlorofluoromethane	6.2	U	6.2	1.5	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
1,1-Dichloroethene	6.2	U	6.2	1.9	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Acetone	62	U	62	14	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Carbon disulfide	6.2	U *	6.2	1.4	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Methylene Chloride	6.2	U	6.2	1.2	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
trans-1,2-Dichloroethene	6.2	U	6.2	0.78	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Methyl tert-butyl ether	6.2	U	6.2	1.2	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
1,1-Dichloroethane	6.2	U	6.2	1.4	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
cis-1,2-Dichloroethene	6.2	U	6.2	1.7	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
2-Butanone (MEK)	31	U	31	3.0	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Chloroform	6.2	U	6.2	1.4	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
1,1,1-Trichloroethane	6.2	U	6.2	0.73	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Carbon tetrachloride	6.2	U	6.2	1.0	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Benzene	6.2	U	6.2	0.90	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
1,2-Dichloroethane	6.2	U	6.2	1.4	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Trichloroethene	6.2	U	6.2	1.6	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
1,2-Dichloropropane	6.2	U	6.2	1.1	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Bromodichloromethane	6.2	U	6.2	1.2	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
cis-1,3-Dichloropropene	6.2	U	6.2	1.0	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
4-Methyl-2-pentanone	31	U	31	5.2	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Toluene	6.2	U	6.2	1.0	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
trans-1,3-Dichloropropene	6.2	U	6.2	1.1	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
1,1,2-Trichloroethane	6.2	U	6.2	1.6	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Tetrachloroethene	6.2	U	6.2	2.4	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
2-Hexanone	31	U	31	4.1	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Dibromochloromethane	6.2	U	6.2	2.1	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
1,2-Dibromoethane	6.2	U	6.2	1.9	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Chlorobenzene	6.2	U	6.2	1.2	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Ethylbenzene	6.2	U	6.2	1.6	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1

Client Sample ID: 6489-DP-9 (24-25)

Lab Sample ID: 680-138116-3
Date Collected: 04/27/17 10:05
Matrix: Solid
Date Received: 04/28/17 09:05
Percent Solids: 72.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	12	U	12	1.4	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Styrene	6.2	U	6.2	1.2	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Bromoform	6.2	U	6.2	1.9	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
Isopropylbenzene	6.2	U	6.2	2.4	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
1,1,2,2-Tetrachloroethane	6.2	U *	6.2	2.0	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
1,3-Dichlorobenzene	6.2	U	6.2	2.0	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
1,4-Dichlorobenzene	6.2	U	6.2	0.92	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
1,2-Dichlorobenzene	6.2	U	6.2	1.6	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
1,2-Dibromo-3-Chloropropane	12	U	12	5.5	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1
1,2,4-Trichlorobenzene	6.2	U	6.2	1.1	ug/Kg	☼	04/28/17 16:36	05/09/17 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*70 - 130*	*04/28/17 16:36*	*05/09/17 21:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*04/28/17 16:36*	*05/09/17 21:14*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*04/28/17 16:36*	*05/09/17 21:14*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/28/17 16:36*	*05/09/17 21:14*	*1*

Client Sample ID: 6489-DP-9 (20-23)

Lab Sample ID: 680-138116-5
Date Collected: 04/27/17 10:12
Matrix: Water
Date Received: 04/28/17 09:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	9.9	ug/L			05/10/17 17:41	1
Benzene	1.0	U	1.0	0.50	ug/L			05/10/17 17:41	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/10/17 17:41	1
Bromoform	1.0	U	1.0	0.63	ug/L			05/10/17 17:41	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/10/17 17:41	1
2-Butanone (MEK)	10	U	10	8.4	ug/L			05/10/17 17:41	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/10/17 17:41	1
Carbon tetrachloride	1.0	U	1.0	0.43	ug/L			05/10/17 17:41	1
Chlorobenzene	1.0	U	1.0	0.63	ug/L			05/10/17 17:41	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/10/17 17:41	1
Chloroform	1.0	U	1.0	0.90	ug/L			05/10/17 17:41	1
Chloromethane	4.0	U	4.0	1.0	ug/L			05/10/17 17:41	1
cis-1,2-Dichloroethene	**2.9**		1.0	0.65	ug/L			05/10/17 17:41	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.39	ug/L			05/10/17 17:41	1
Dibromochloromethane	1.0	U	1.0	0.31	ug/L			05/10/17 17:41	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.5	ug/L			05/10/17 17:41	1
1,2-Dibromoethane	1.0	U	1.0	0.50	ug/L			05/10/17 17:41	1
1,2-Dichlorobenzene	1.0	U	1.0	0.49	ug/L			05/10/17 17:41	1
1,3-Dichlorobenzene	1.0	U	1.0	0.64	ug/L			05/10/17 17:41	1
1,4-Dichlorobenzene	1.0	U	1.0	0.60	ug/L			05/10/17 17:41	1
Dichlorodifluoromethane	5.0	U	5.0	2.5	ug/L			05/10/17 17:41	1
1,1-Dichloroethane	1.0	U	1.0	0.52	ug/L			05/10/17 17:41	1
1,2-Dichloroethane	1.0	U	1.0	0.57	ug/L			05/10/17 17:41	1
1,1-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/10/17 17:41	1
1,2-Dichloropropane	1.0	U	1.0	0.52	ug/L			05/10/17 17:41	1
Ethylbenzene	1.0	U	1.0	0.44	ug/L			05/10/17 17:41	1
2-Hexanone	10	U	10	4.4	ug/L			05/10/17 17:41	1

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138116-1

Client Sample ID: 6489-DP-9 (20-23)

Date Collected: 04/27/17 10:12
Date Received: 04/28/17 09:05

Lab Sample ID: 680-138116-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	1.0	U	1.0	0.52	ug/L			05/10/17 17:41	1
Methylene Chloride	10	U	10	5.0	ug/L			05/10/17 17:41	1
4-Methyl-2-pentanone	10	U	10	4.0	ug/L			05/10/17 17:41	1
Methyl tert-butyl ether	1.0	U	1.0	0.44	ug/L			05/10/17 17:41	1
Styrene	2.0	U	2.0	0.98	ug/L			05/10/17 17:41	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.17	ug/L			05/10/17 17:41	1
Toluene	1.0	U	1.0	0.51	ug/L			05/10/17 17:41	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/10/17 17:41	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.27	ug/L			05/10/17 17:41	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.58	ug/L			05/10/17 17:41	1
1,1,1-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/10/17 17:41	1
1,1,2-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/10/17 17:41	1
Trichloroethene	**11**		1.0	0.61	ug/L			05/10/17 17:41	1
Trichlorofluoromethane	5.0	U	5.0	2.5	ug/L			05/10/17 17:41	1
Vinyl chloride	1.0	U	1.0	0.71	ug/L			05/10/17 17:41	1
Xylenes, Total	3.0	U	3.0	0.50	ug/L			05/10/17 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*70 - 130*		*05/10/17 17:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**220**		10	5.0	ug/L			05/10/17 17:22	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*70 - 130*		*05/10/17 17:22*	*10*

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

Lab Sample ID: MB 660-182668/6
Matrix: Water
Analysis Batch: 182668

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20	U	20	9.9	ug/L			05/10/17 09:40	1
Benzene	1.0	U	1.0	0.50	ug/L			05/10/17 09:40	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/10/17 09:40	1
Bromoform	1.0	U	1.0	0.63	ug/L			05/10/17 09:40	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/10/17 09:40	1
2-Butanone (MEK)	10	U	10	8.4	ug/L			05/10/17 09:40	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/10/17 09:40	1
Carbon tetrachloride	1.0	U	1.0	0.43	ug/L			05/10/17 09:40	1
Chlorobenzene	1.0	U	1.0	0.63	ug/L			05/10/17 09:40	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/10/17 09:40	1
Chloroform	1.0	U	1.0	0.90	ug/L			05/10/17 09:40	1
Chloromethane	4.0	U	4.0	1.0	ug/L			05/10/17 09:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.65	ug/L			05/10/17 09:40	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.39	ug/L			05/10/17 09:40	1
Dibromochloromethane	1.0	U	1.0	0.31	ug/L			05/10/17 09:40	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	2.5	ug/L			05/10/17 09:40	1
1,2-Dibromoethane	1.0	U	1.0	0.50	ug/L			05/10/17 09:40	1
1,2-Dichlorobenzene	1.0	U	1.0	0.49	ug/L			05/10/17 09:40	1
1,3-Dichlorobenzene	1.0	U	1.0	0.64	ug/L			05/10/17 09:40	1
1,4-Dichlorobenzene	1.0	U	1.0	0.60	ug/L			05/10/17 09:40	1
Dichlorodifluoromethane	5.0	U	5.0	2.5	ug/L			05/10/17 09:40	1
1,1-Dichloroethane	1.0	U	1.0	0.52	ug/L			05/10/17 09:40	1
1,2-Dichloroethane	1.0	U	1.0	0.57	ug/L			05/10/17 09:40	1
1,1-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/10/17 09:40	1
1,2-Dichloropropane	1.0	U	1.0	0.52	ug/L			05/10/17 09:40	1
Ethylbenzene	1.0	U	1.0	0.44	ug/L			05/10/17 09:40	1
2-Hexanone	10	U	10	4.4	ug/L			05/10/17 09:40	1
Isopropylbenzene	1.0	U	1.0	0.52	ug/L			05/10/17 09:40	1
Methylene Chloride	10	U	10	5.0	ug/L			05/10/17 09:40	1
4-Methyl-2-pentanone	10	U	10	4.0	ug/L			05/10/17 09:40	1
Methyl tert-butyl ether	1.0	U	1.0	0.44	ug/L			05/10/17 09:40	1
Styrene	2.0	U	2.0	0.98	ug/L			05/10/17 09:40	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.17	ug/L			05/10/17 09:40	1
Tetrachloroethene	1.0	U	1.0	0.50	ug/L			05/10/17 09:40	1
Toluene	1.0	U	1.0	0.51	ug/L			05/10/17 09:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.67	ug/L			05/10/17 09:40	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.27	ug/L			05/10/17 09:40	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.58	ug/L			05/10/17 09:40	1
1,1,1-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/10/17 09:40	1
1,1,2-Trichloroethane	1.0	U	1.0	0.47	ug/L			05/10/17 09:40	1
Trichloroethene	1.0	U	1.0	0.61	ug/L			05/10/17 09:40	1
Trichlorofluoromethane	5.0	U	5.0	2.5	ug/L			05/10/17 09:40	1
Vinyl chloride	1.0	U	1.0	0.71	ug/L			05/10/17 09:40	1
Xylenes, Total	3.0	U	3.0	0.50	ug/L			05/10/17 09:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*70 - 130*		*05/10/17 09:40*	*1*

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

Lab Sample ID: LCS 660-182668/4
Matrix: Water
Analysis Batch: 182668

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	91.4		ug/L		91	62 - 142
Benzene	10.0	9.20		ug/L		92	71 - 131
Bromodichloromethane	10.0	8.94		ug/L		89	70 - 131
Bromoform	10.0	9.94		ug/L		99	68 - 130
Bromomethane	10.0	8.65		ug/L		87	10 - 150
2-Butanone (MEK)	100	92.1		ug/L		92	58 - 132
Carbon disulfide	10.0	8.26		ug/L		83	43 - 150
Carbon tetrachloride	10.0	9.33		ug/L		93	70 - 134
Chlorobenzene	10.0	10.1		ug/L		101	71 - 121
Chloroethane	10.0	8.12		ug/L		81	46 - 150
Chloroform	10.0	9.33		ug/L		93	73 - 133
Chloromethane	10.0	8.05		ug/L		81	52 - 150
cis-1,2-Dichloroethene	10.0	8.91		ug/L		89	73 - 133
cis-1,3-Dichloropropene	10.0	8.87		ug/L		89	68 - 130
Dibromochloromethane	10.0	8.60		ug/L		86	58 - 130
1,2-Dibromo-3-Chloropropane	10.0	9.45		ug/L		95	54 - 130
1,2-Dibromoethane	10.0	8.66		ug/L		87	71 - 131
1,2-Dichlorobenzene	10.0	10.3		ug/L		103	73 - 133
1,3-Dichlorobenzene	10.0	10.4		ug/L		104	73 - 133
1,4-Dichlorobenzene	10.0	10.5		ug/L		105	73 - 133
Dichlorodifluoromethane	10.0	7.35		ug/L		73	10 - 150
1,1-Dichloroethane	10.0	9.00		ug/L		90	72 - 130
1,2-Dichloroethane	10.0	8.79		ug/L		88	71 - 131
1,1-Dichloroethene	10.0	9.06		ug/L		91	56 - 141
1,2-Dichloropropane	10.0	9.07		ug/L		91	72 - 132
Ethylbenzene	10.0	10.0		ug/L		100	71 - 131
2-Hexanone	100	92.8		ug/L		93	57 - 136
Isopropylbenzene	10.0	10.4		ug/L		104	70 - 131
Methylene Chloride	10.0	8.15	J	ug/L		81	68 - 142
4-Methyl-2-pentanone	100	94.0		ug/L		94	52 - 137
Methyl tert-butyl ether	10.0	8.58		ug/L		86	67 - 130
Styrene	10.0	10.1		ug/L		101	68 - 131
1,1,2,2-Tetrachloroethane	10.0	9.27		ug/L		93	67 - 130
Tetrachloroethene	10.0	8.69		ug/L		87	66 - 143
Toluene	10.0	9.10		ug/L		91	72 - 132
trans-1,2-Dichloroethene	10.0	8.83		ug/L		88	74 - 139
trans-1,3-Dichloropropene	10.0	8.45		ug/L		85	57 - 130
1,2,4-Trichlorobenzene	10.0	10.1		ug/L		101	73 - 133
1,1,1-Trichloroethane	10.0	9.42		ug/L		94	69 - 132
1,1,2-Trichloroethane	10.0	8.62		ug/L		86	70 - 130
Trichloroethene	10.0	9.49		ug/L		95	74 - 139
Trichlorofluoromethane	10.0	7.15		ug/L		71	62 - 146
Vinyl chloride	10.0	8.13		ug/L		81	59 - 147
Xylenes, Total	20.0	19.1		ug/L		95	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*70 - 130*

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

Lab Sample ID: MB 680-479174/10
Matrix: Solid
Analysis Batch: 479174

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.0	U	5.0	0.94	ug/Kg			05/09/17 19:41	1
Chloromethane	5.0	U	5.0	1.0	ug/Kg			05/09/17 19:41	1
Vinyl chloride	5.0	U	5.0	1.5	ug/Kg			05/09/17 19:41	1
Bromomethane	5.0	U	5.0	1.5	ug/Kg			05/09/17 19:41	1
Chloroethane	5.0	U	5.0	2.7	ug/Kg			05/09/17 19:41	1
Trichlorofluoromethane	5.0	U	5.0	1.2	ug/Kg			05/09/17 19:41	1
1,1-Dichloroethene	5.0	U	5.0	1.5	ug/Kg			05/09/17 19:41	1
Acetone	50	U	50	11	ug/Kg			05/09/17 19:41	1
Carbon disulfide	5.0	U	5.0	1.1	ug/Kg			05/09/17 19:41	1
Methylene Chloride	5.0	U	5.0	0.98	ug/Kg			05/09/17 19:41	1
trans-1,2-Dichloroethene	5.0	U	5.0	0.63	ug/Kg			05/09/17 19:41	1
Methyl tert-butyl ether	5.0	U	5.0	1.0	ug/Kg			05/09/17 19:41	1
1,1-Dichloroethane	5.0	U	5.0	1.1	ug/Kg			05/09/17 19:41	1
cis-1,2-Dichloroethene	5.0	U	5.0	1.4	ug/Kg			05/09/17 19:41	1
2-Butanone (MEK)	25	U	25	2.4	ug/Kg			05/09/17 19:41	1
Chloroform	5.0	U	5.0	1.1	ug/Kg			05/09/17 19:41	1
1,1,1-Trichloroethane	5.0	U	5.0	0.59	ug/Kg			05/09/17 19:41	1
Carbon tetrachloride	5.0	U	5.0	0.83	ug/Kg			05/09/17 19:41	1
Benzene	5.0	U	5.0	0.73	ug/Kg			05/09/17 19:41	1
1,2-Dichloroethane	5.0	U	5.0	1.1	ug/Kg			05/09/17 19:41	1
Trichloroethene	5.0	U	5.0	1.3	ug/Kg			05/09/17 19:41	1
1,2-Dichloropropane	5.0	U	5.0	0.86	ug/Kg			05/09/17 19:41	1
Bromodichloromethane	5.0	U	5.0	0.97	ug/Kg			05/09/17 19:41	1
cis-1,3-Dichloropropene	5.0	U	5.0	0.83	ug/Kg			05/09/17 19:41	1
4-Methyl-2-pentanone	25	U	25	4.2	ug/Kg			05/09/17 19:41	1
Toluene	5.0	U	5.0	0.84	ug/Kg			05/09/17 19:41	1
trans-1,3-Dichloropropene	5.0	U	5.0	0.87	ug/Kg			05/09/17 19:41	1
1,1,2-Trichloroethane	5.0	U	5.0	1.3	ug/Kg			05/09/17 19:41	1
Tetrachloroethene	5.0	U	5.0	1.9	ug/Kg			05/09/17 19:41	1
2-Hexanone	25	U	25	3.3	ug/Kg			05/09/17 19:41	1
Dibromochloromethane	5.0	U	5.0	1.7	ug/Kg			05/09/17 19:41	1
1,2-Dibromoethane	5.0	U	5.0	1.5	ug/Kg			05/09/17 19:41	1
Chlorobenzene	5.0	U	5.0	0.96	ug/Kg			05/09/17 19:41	1
Ethylbenzene	5.0	U	5.0	1.3	ug/Kg			05/09/17 19:41	1
Xylenes, Total	10	U	10	1.1	ug/Kg			05/09/17 19:41	1
Styrene	5.0	U	5.0	0.93	ug/Kg			05/09/17 19:41	1
Bromoform	5.0	U	5.0	1.5	ug/Kg			05/09/17 19:41	1
Isopropylbenzene	5.0	U	5.0	1.9	ug/Kg			05/09/17 19:41	1
1,1,2,2-Tetrachloroethane	5.0	U	5.0	1.6	ug/Kg			05/09/17 19:41	1
1,3-Dichlorobenzene	5.0	U	5.0	1.6	ug/Kg			05/09/17 19:41	1
1,4-Dichlorobenzene	5.0	U	5.0	0.74	ug/Kg			05/09/17 19:41	1
1,2-Dichlorobenzene	5.0	U	5.0	1.3	ug/Kg			05/09/17 19:41	1
1,2-Dibromo-3-Chloropropane	10	U	10	4.4	ug/Kg			05/09/17 19:41	1
1,2,4-Trichlorobenzene	5.0	U	5.0	0.89	ug/Kg			05/09/17 19:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*70 - 130*		*05/09/17 19:41*	*1*

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

Lab Sample ID: MB 680-479174/10
Matrix: Solid
Analysis Batch: 479174

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		70 - 130		05/09/17 19:41	1
Dibromofluoromethane (Surr)	101		70 - 130		05/09/17 19:41	1
4-Bromofluorobenzene (Surr)	97		70 - 130		05/09/17 19:41	1

Lab Sample ID: LCS 680-479174/6
Matrix: Solid
Analysis Batch: 479174

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	60.7		ug/Kg		121	40 - 160
Chloromethane	50.0	50.0		ug/Kg		100	40 - 160
Vinyl chloride	50.0	53.4		ug/Kg		107	70 - 130
Bromomethane	50.0	52.4		ug/Kg		105	40 - 160
Chloroethane	50.0	52.5		ug/Kg		105	40 - 160
Trichlorofluoromethane	50.0	60.2		ug/Kg		120	40 - 160
1,1-Dichloroethene	50.0	55.6		ug/Kg		111	70 - 130
Acetone	250	212		ug/Kg		85	40 - 160
Carbon disulfide	50.0	54.0		ug/Kg		108	40 - 160
Methylene Chloride	50.0	47.4		ug/Kg		95	70 - 130
trans-1,2-Dichloroethene	50.0	53.8		ug/Kg		108	70 - 130
Methyl tert-butyl ether	50.0	51.4		ug/Kg		103	70 - 130
1,1-Dichloroethane	50.0	52.3		ug/Kg		105	70 - 130
cis-1,2-Dichloroethene	50.0	53.1		ug/Kg		106	70 - 130
2-Butanone (MEK)	250	244		ug/Kg		98	40 - 160
Chloroform	50.0	54.6		ug/Kg		109	70 - 130
1,1,1-Trichloroethane	50.0	59.9		ug/Kg		120	70 - 130
Carbon tetrachloride	50.0	61.5		ug/Kg		123	70 - 130
Benzene	50.0	51.1		ug/Kg		102	70 - 130
1,2-Dichloroethane	50.0	54.6		ug/Kg		109	70 - 130
Trichloroethene	50.0	55.2		ug/Kg		110	70 - 130
1,2-Dichloropropane	50.0	47.1		ug/Kg		94	70 - 130
Bromodichloromethane	50.0	54.9		ug/Kg		110	70 - 130
cis-1,3-Dichloropropene	50.0	53.2		ug/Kg		106	70 - 130
4-Methyl-2-pentanone	250	208		ug/Kg		83	40 - 160
Toluene	50.0	48.2		ug/Kg		96	70 - 130
trans-1,3-Dichloropropene	50.0	52.7		ug/Kg		105	70 - 130
1,1,2-Trichloroethane	50.0	47.4		ug/Kg		95	70 - 130
Tetrachloroethene	50.0	57.2		ug/Kg		114	70 - 130
2-Hexanone	250	211		ug/Kg		84	40 - 160
Dibromochloromethane	50.0	54.6		ug/Kg		109	70 - 130
1,2-Dibromoethane	50.0	49.2		ug/Kg		98	70 - 130
Chlorobenzene	50.0	53.9		ug/Kg		108	70 - 130
Ethylbenzene	50.0	57.0		ug/Kg		114	70 - 130
Xylenes, Total	100	113		ug/Kg		113	70 - 130
Styrene	50.0	54.8		ug/Kg		110	70 - 130
Bromoform	50.0	57.8		ug/Kg		116	70 - 130
Isopropylbenzene	50.0	57.2		ug/Kg		114	70 - 130
1,1,2,2-Tetrachloroethane	50.0	48.8		ug/Kg		98	70 - 130

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

Lab Sample ID: LCS 680-479174/6
Matrix: Solid
Analysis Batch: 479174

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	50.0	53.3		ug/Kg		107	70 - 130
1,4-Dichlorobenzene	50.0	53.3		ug/Kg		107	70 - 130
1,2-Dichlorobenzene	50.0	51.1		ug/Kg		102	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	48.1		ug/Kg		96	40 - 160
1,2,4-Trichlorobenzene	50.0	56.2		ug/Kg		112	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*110*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*
Dibromofluoromethane (Surr)	*112*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 680-479174/30
Matrix: Solid
Analysis Batch: 479174

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	50.0	43.3	*	ug/Kg		87	40 - 160	34	20
Chloromethane	50.0	40.1	*	ug/Kg		80	40 - 160	22	20
Vinyl chloride	50.0	41.0	*	ug/Kg		82	70 - 130	26	20
Bromomethane	50.0	43.1		ug/Kg		86	40 - 160	20	20
Chloroethane	50.0	42.9		ug/Kg		86	40 - 160	20	20
Trichlorofluoromethane	50.0	49.3		ug/Kg		99	40 - 160	20	20
1,1-Dichloroethene	50.0	45.5		ug/Kg		91	70 - 130	20	20
Acetone	250	183		ug/Kg		73	40 - 160	15	20
Carbon disulfide	50.0	42.3	*	ug/Kg		85	40 - 160	24	20
Methylene Chloride	50.0	42.3		ug/Kg		85	70 - 130	12	20
trans-1,2-Dichloroethene	50.0	45.0		ug/Kg		90	70 - 130	18	20
Methyl tert-butyl ether	50.0	44.9		ug/Kg		90	70 - 130	13	20
1,1-Dichloroethane	50.0	44.5		ug/Kg		89	70 - 130	16	20
cis-1,2-Dichloroethene	50.0	45.0		ug/Kg		90	70 - 130	17	20
2-Butanone (MEK)	250	202		ug/Kg		81	40 - 160	19	20
Chloroform	50.0	48.6		ug/Kg		97	70 - 130	12	20
1,1,1-Trichloroethane	50.0	51.6		ug/Kg		103	70 - 130	15	20
Carbon tetrachloride	50.0	52.9		ug/Kg		106	70 - 130	15	20
Benzene	50.0	42.4		ug/Kg		85	70 - 130	18	20
1,2-Dichloroethane	50.0	49.6		ug/Kg		99	70 - 130	10	20
Trichloroethene	50.0	48.4		ug/Kg		97	70 - 130	13	20
1,2-Dichloropropane	50.0	41.6		ug/Kg		83	70 - 130	12	20
Bromodichloromethane	50.0	49.8		ug/Kg		100	70 - 130	10	20
cis-1,3-Dichloropropene	50.0	44.7		ug/Kg		89	70 - 130	17	20
4-Methyl-2-pentanone	250	191		ug/Kg		77	40 - 160	8	20
Toluene	50.0	40.8		ug/Kg		82	70 - 130	17	20
trans-1,3-Dichloropropene	50.0	47.0		ug/Kg		94	70 - 130	11	20
1,1,2-Trichloroethane	50.0	42.7		ug/Kg		85	70 - 130	10	20
Tetrachloroethene	50.0	48.1		ug/Kg		96	70 - 130	17	20
2-Hexanone	250	194		ug/Kg		78	40 - 160	8	20
Dibromochloromethane	50.0	50.5		ug/Kg		101	70 - 130	8	20

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

Lab Sample ID: LCSD 680-479174/30
Matrix: Solid
Analysis Batch: 479174

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane			50.0	44.5		ug/Kg		89	70 - 130	10	20
Chlorobenzene			50.0	44.6		ug/Kg		89	70 - 130	19	20
Ethylbenzene			50.0	46.4		ug/Kg		93	70 - 130	20	20
Xylenes, Total			100	93.7		ug/Kg		94	70 - 130	19	20
Styrene			50.0	45.4		ug/Kg		91	70 - 130	19	20
Bromoform			50.0	51.4		ug/Kg		103	70 - 130	12	20
Isopropylbenzene			50.0	47.3		ug/Kg		95	70 - 130	19	20
1,1,2,2-Tetrachloroethane			50.0	39.7	*	ug/Kg		79	70 - 130	21	20
1,3-Dichlorobenzene			50.0	45.6		ug/Kg		91	70 - 130	16	20
1,4-Dichlorobenzene			50.0	45.2		ug/Kg		90	70 - 130	17	20
1,2-Dichlorobenzene			50.0	44.6		ug/Kg		89	70 - 130	14	20
1,2-Dibromo-3-Chloropropane			50.0	43.1		ug/Kg		86	40 - 160	11	20
1,2,4-Trichlorobenzene			50.0	47.1		ug/Kg		94	70 - 130	18	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*89*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*

Lab Sample ID: MB 680-479312/8
Matrix: Solid
Analysis Batch: 479312

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	200	U	200	38	ug/Kg			05/10/17 14:10	40
Chloromethane	200	U	200	40	ug/Kg			05/10/17 14:10	40
Vinyl chloride	200	U	200	60	ug/Kg			05/10/17 14:10	40
Bromomethane	200	U	200	60	ug/Kg			05/10/17 14:10	40
Chloroethane	200	U	200	110	ug/Kg			05/10/17 14:10	40
Trichlorofluoromethane	200	U	200	48	ug/Kg			05/10/17 14:10	40
1,1-Dichloroethene	200	U	200	60	ug/Kg			05/10/17 14:10	40
Acetone	2000	U	2000	440	ug/Kg			05/10/17 14:10	40
Carbon disulfide	200	U	200	44	ug/Kg			05/10/17 14:10	40
Methylene Chloride	200	U	200	39	ug/Kg			05/10/17 14:10	40
trans-1,2-Dichloroethene	200	U	200	25	ug/Kg			05/10/17 14:10	40
Methyl tert-butyl ether	200	U	200	40	ug/Kg			05/10/17 14:10	40
1,1-Dichloroethane	200	U	200	44	ug/Kg			05/10/17 14:10	40
cis-1,2-Dichloroethene	200	U	200	56	ug/Kg			05/10/17 14:10	40
2-Butanone (MEK)	1000	U	1000	96	ug/Kg			05/10/17 14:10	40
Chloroform	200	U	200	44	ug/Kg			05/10/17 14:10	40
1,1,1-Trichloroethane	200	U	200	24	ug/Kg			05/10/17 14:10	40
Carbon tetrachloride	200	U	200	33	ug/Kg			05/10/17 14:10	40
Benzene	200	U	200	29	ug/Kg			05/10/17 14:10	40
1,2-Dichloroethane	200	U	200	44	ug/Kg			05/10/17 14:10	40
Trichloroethene	200	U	200	52	ug/Kg			05/10/17 14:10	40
1,2-Dichloropropane	200	U	200	34	ug/Kg			05/10/17 14:10	40
Bromodichloromethane	200	U	200	39	ug/Kg			05/10/17 14:10	40

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

Lab Sample ID: MB 680-479312/8
Matrix: Solid
Analysis Batch: 479312

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	200	U	200	33	ug/Kg			05/10/17 14:10	40
4-Methyl-2-pentanone	1000	U	1000	170	ug/Kg			05/10/17 14:10	40
Toluene	200	U	200	34	ug/Kg			05/10/17 14:10	40
trans-1,3-Dichloropropene	200	U	200	35	ug/Kg			05/10/17 14:10	40
1,1,2-Trichloroethane	200	U	200	52	ug/Kg			05/10/17 14:10	40
Tetrachloroethene	200	U	200	76	ug/Kg			05/10/17 14:10	40
2-Hexanone	1000	U	1000	130	ug/Kg			05/10/17 14:10	40
Dibromochloromethane	200	U	200	68	ug/Kg			05/10/17 14:10	40
1,2-Dibromoethane	200	U	200	60	ug/Kg			05/10/17 14:10	40
Chlorobenzene	200	U	200	38	ug/Kg			05/10/17 14:10	40
Ethylbenzene	200	U	200	52	ug/Kg			05/10/17 14:10	40
Xylenes, Total	400	U	400	44	ug/Kg			05/10/17 14:10	40
Styrene	200	U	200	37	ug/Kg			05/10/17 14:10	40
Bromoform	200	U	200	60	ug/Kg			05/10/17 14:10	40
Isopropylbenzene	200	U	200	76	ug/Kg			05/10/17 14:10	40
1,1,2,2-Tetrachloroethane	200	U	200	64	ug/Kg			05/10/17 14:10	40
1,3-Dichlorobenzene	200	U	200	64	ug/Kg			05/10/17 14:10	40
1,4-Dichlorobenzene	200	U	200	30	ug/Kg			05/10/17 14:10	40
1,2-Dichlorobenzene	200	U	200	52	ug/Kg			05/10/17 14:10	40
1,2-Dibromo-3-Chloropropane	400	U	400	180	ug/Kg			05/10/17 14:10	40
1,2,4-Trichlorobenzene	200	U	200	36	ug/Kg			05/10/17 14:10	40

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*70 - 130*		*05/10/17 14:10*	*40*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*05/10/17 14:10*	*40*
Dibromofluoromethane (Surr)	*108*		*70 - 130*		*05/10/17 14:10*	*40*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*		*05/10/17 14:10*	*40*

Lab Sample ID: LCS 680-479312/4
Matrix: Solid
Analysis Batch: 479312

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	2500	2290		ug/Kg		91	40 - 160
Chloromethane	2500	2350		ug/Kg		94	40 - 160
Vinyl chloride	2500	2640		ug/Kg		105	70 - 130
Bromomethane	2500	2750		ug/Kg		110	40 - 160
Chloroethane	2500	2640		ug/Kg		106	40 - 160
Trichlorofluoromethane	2500	2650		ug/Kg		106	40 - 160
1,1-Dichloroethene	2500	2120		ug/Kg		85	70 - 130
Acetone	12500	11600		ug/Kg		93	40 - 160
Carbon disulfide	2500	2730		ug/Kg		109	40 - 160
Methylene Chloride	2500	2560		ug/Kg		102	70 - 130
trans-1,2-Dichloroethene	2500	2140		ug/Kg		85	70 - 130
Methyl tert-butyl ether	2500	2450		ug/Kg		98	70 - 130
1,1-Dichloroethane	2500	2130		ug/Kg		85	70 - 130
cis-1,2-Dichloroethene	2500	2140		ug/Kg		86	70 - 130
2-Butanone (MEK)	12500	10700		ug/Kg		86	40 - 160

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

Lab Sample ID: LCS 680-479312/4
Matrix: Solid
Analysis Batch: 479312

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	2500	2240		ug/Kg		90	70 - 130
1,1,1-Trichloroethane	2500	2650		ug/Kg		106	70 - 130
Carbon tetrachloride	2500	2720		ug/Kg		109	70 - 130
Benzene	2500	2550		ug/Kg		102	70 - 130
1,2-Dichloroethane	2500	2270		ug/Kg		91	70 - 130
Trichloroethene	2500	2740		ug/Kg		110	70 - 130
1,2-Dichloropropane	2500	2410		ug/Kg		96	70 - 130
Bromodichloromethane	2500	2520		ug/Kg		101	70 - 130
cis-1,3-Dichloropropene	2500	2620		ug/Kg		105	70 - 130
4-Methyl-2-pentanone	12500	12800		ug/Kg		102	40 - 160
Toluene	2500	2630		ug/Kg		105	70 - 130
trans-1,3-Dichloropropene	2500	2700		ug/Kg		108	70 - 130
1,1,2-Trichloroethane	2500	2520		ug/Kg		101	70 - 130
Tetrachloroethene	2500	2860		ug/Kg		114	70 - 130
2-Hexanone	12500	13000		ug/Kg		104	40 - 160
Dibromochloromethane	2500	2760		ug/Kg		110	70 - 130
1,2-Dibromoethane	2500	2750		ug/Kg		110	70 - 130
Chlorobenzene	2500	2550		ug/Kg		102	70 - 130
Ethylbenzene	2500	2610		ug/Kg		104	70 - 130
Xylenes, Total	5000	5330		ug/Kg		107	70 - 130
Styrene	2500	2710		ug/Kg		108	70 - 130
Bromoform	2500	2780		ug/Kg		111	70 - 130
Isopropylbenzene	2500	2740		ug/Kg		110	70 - 130
1,1,2,2-Tetrachloroethane	2500	2460		ug/Kg		98	70 - 130
1,3-Dichlorobenzene	2500	2540		ug/Kg		102	70 - 130
1,4-Dichlorobenzene	2500	2540		ug/Kg		102	70 - 130
1,2-Dichlorobenzene	2500	2530		ug/Kg		101	70 - 130
1,2-Dibromo-3-Chloropropane	2500	2550		ug/Kg		102	40 - 160
1,2,4-Trichlorobenzene	2500	2700		ug/Kg		108	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*
Dibromofluoromethane (Surr)	*94*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 680-479312/9
Matrix: Solid
Analysis Batch: 479312

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	2500	2020		ug/Kg		81	40 - 160	13	20
Chloromethane	2500	2170		ug/Kg		87	40 - 160	8	20
Vinyl chloride	2500	2270		ug/Kg		91	70 - 130	15	20
Bromomethane	2500	2270		ug/Kg		91	40 - 160	19	20
Chloroethane	2500	2400		ug/Kg		96	40 - 160	10	20
Trichlorofluoromethane	2500	2450		ug/Kg		98	40 - 160	8	20
1,1-Dichloroethene	2500	2280		ug/Kg		91	70 - 130	7	20

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

Lab Sample ID: LCSD 680-479312/9
Matrix: Solid
Analysis Batch: 479312

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone			12500	12100		ug/Kg		97	40 - 160	4	20
Carbon disulfide			2500	2490		ug/Kg		100	40 - 160	9	20
Methylene Chloride			2500	2510		ug/Kg		100	70 - 130	2	20
trans-1,2-Dichloroethene			2500	2220		ug/Kg		89	70 - 130	4	20
Methyl tert-butyl ether			2500	2500		ug/Kg		100	70 - 130	2	20
1,1-Dichloroethane			2500	2130		ug/Kg		85	70 - 130	0	20
cis-1,2-Dichloroethene			2500	2170		ug/Kg		87	70 - 130	1	20
2-Butanone (MEK)			12500	11600		ug/Kg		93	40 - 160	8	20
Chloroform			2500	2270		ug/Kg		91	70 - 130	1	20
1,1,1-Trichloroethane			2500	2480		ug/Kg		99	70 - 130	7	20
Carbon tetrachloride			2500	2540		ug/Kg		102	70 - 130	7	20
Benzene			2500	2340		ug/Kg		94	70 - 130	9	20
1,2-Dichloroethane			2500	2300		ug/Kg		92	70 - 130	2	20
Trichloroethene			2500	2570		ug/Kg		103	70 - 130	7	20
1,2-Dichloropropane			2500	2230		ug/Kg		89	70 - 130	8	20
Bromodichloromethane			2500	2430		ug/Kg		97	70 - 130	4	20
cis-1,3-Dichloropropene			2500	2560		ug/Kg		102	70 - 130	2	20
4-Methyl-2-pentanone			12500	12800		ug/Kg		103	40 - 160	0	20
Toluene			2500	2420		ug/Kg		97	70 - 130	8	20
trans-1,3-Dichloropropene			2500	2640		ug/Kg		106	70 - 130	2	20
1,1,2-Trichloroethane			2500	2520		ug/Kg		101	70 - 130	0	20
Tetrachloroethene			2500	2670		ug/Kg		107	70 - 130	7	20
2-Hexanone			12500	13100		ug/Kg		105	40 - 160	0	20
Dibromochloromethane			2500	2690		ug/Kg		107	70 - 130	3	20
1,2-Dibromoethane			2500	2660		ug/Kg		106	70 - 130	3	20
Chlorobenzene			2500	2420		ug/Kg		97	70 - 130	5	20
Ethylbenzene			2500	2440		ug/Kg		97	70 - 130	7	20
Xylenes, Total			5000	5020		ug/Kg		100	70 - 130	6	20
Styrene			2500	2570		ug/Kg		103	70 - 130	5	20
Bromoform			2500	2740		ug/Kg		110	70 - 130	1	20
Isopropylbenzene			2500	2560		ug/Kg		103	70 - 130	7	20
1,1,2,2-Tetrachloroethane			2500	2450		ug/Kg		98	70 - 130	0	20
1,3-Dichlorobenzene			2500	2400		ug/Kg		96	70 - 130	6	20
1,4-Dichlorobenzene			2500	2350		ug/Kg		94	70 - 130	8	20
1,2-Dichlorobenzene			2500	2350		ug/Kg		94	70 - 130	7	20
1,2-Dibromo-3-Chloropropane			2500	2550		ug/Kg		102	40 - 160	0	20
1,2,4-Trichlorobenzene			2500	2610		ug/Kg		104	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*97*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*
Dibromofluoromethane (Surr)	*95*		*70 - 130*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*

QC Association Summary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138116-1

GC/MS VOA

Analysis Batch: 182668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-138116-5 - DL	6489-DP-9 (20-23)	Total/NA	Water	8260B	
680-138116-5	6489-DP-9 (20-23)	Total/NA	Water	8260B	
MB 660-182668/6	Method Blank	Total/NA	Water	8260B	
LCS 660-182668/4	Lab Control Sample	Total/NA	Water	8260B	

Prep Batch: 477863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-138116-1	6489-DP-9 (10-11)	Total/NA	Solid	5035	
680-138116-2	6489-DP-9 (18-19)	Total/NA	Solid	5035	
680-138116-3	6489-DP-9 (24-25)	Total/NA	Solid	5035	

Analysis Batch: 479174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-138116-1	6489-DP-9 (10-11)	Total/NA	Solid	8260B	477863
680-138116-3	6489-DP-9 (24-25)	Total/NA	Solid	8260B	477863
MB 680-479174/10	Method Blank	Total/NA	Solid	8260B	
LCS 680-479174/6	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-479174/30	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 479312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-138116-2	6489-DP-9 (18-19)	Total/NA	Solid	8260B	477863
MB 680-479312/8	Method Blank	Total/NA	Solid	8260B	
LCS 680-479312/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-479312/9	Lab Control Sample Dup	Total/NA	Solid	8260B	

General Chemistry

Analysis Batch: 478621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-138116-1	6489-DP-9 (10-11)	Total/NA	Solid	Moisture	
680-138116-2	6489-DP-9 (18-19)	Total/NA	Solid	Moisture	
680-138116-3	6489-DP-9 (24-25)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138116-1

Client Sample ID: 6489-DP-9 (10-11)
Date Collected: 04/27/17 09:55
Date Received: 04/28/17 09:05

Lab Sample ID: 680-138116-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			478621	05/04/17 16:56	WRB	TAL SAV
	Instrument ID:	NOEQUIP								

Client Sample ID: 6489-DP-9 (10-11)
Date Collected: 04/27/17 09:55
Date Received: 04/28/17 09:05

Lab Sample ID: 680-138116-1
Matrix: Solid
Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.773 g	5 mL	477863	04/28/17 16:36	FES	TAL SAV
Total/NA	Analysis	8260B		1	5 g	5 g	479174	05/09/17 20:51	JLK	TAL SAV
	Instrument ID:	CMSAA								

Client Sample ID: 6489-DP-9 (18-19)
Date Collected: 04/27/17 10:00
Date Received: 04/28/17 09:05

Lab Sample ID: 680-138116-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			478621	05/04/17 16:56	WRB	TAL SAV
	Instrument ID:	NOEQUIP								

Client Sample ID: 6489-DP-9 (18-19)
Date Collected: 04/27/17 10:00
Date Received: 04/28/17 09:05

Lab Sample ID: 680-138116-2
Matrix: Solid
Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.483 g	5 mL	477863	04/28/17 16:36	FES	TAL SAV
Total/NA	Analysis	8260B		500	5 mL	5 mL	479312	05/10/17 16:53	JLK	TAL SAV
	Instrument ID:	CMSAB								

Client Sample ID: 6489-DP-9 (24-25)
Date Collected: 04/27/17 10:05
Date Received: 04/28/17 09:05

Lab Sample ID: 680-138116-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			478621	05/04/17 16:56	WRB	TAL SAV
	Instrument ID:	NOEQUIP								

Client Sample ID: 6489-DP-9 (24-25)
Date Collected: 04/27/17 10:05
Date Received: 04/28/17 09:05

Lab Sample ID: 680-138116-3
Matrix: Solid
Percent Solids: 72.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.557 g	5 mL	477863	04/28/17 16:36	FES	TAL SAV

Lab Chronicle

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138116-1

Client Sample ID: 6489-DP-9 (24-25)

Lab Sample ID: 680-138116-3

Date Collected: 04/27/17 10:05
Date Received: 04/28/17 09:05

Matrix: Solid
Percent Solids: 72.6

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 g	5 g	479174	05/09/17 21:14	JLK	TAL SAV
	Instrument ID:	CMSAA								

Client Sample ID: 6489-DP-9 (20-23)

Lab Sample ID: 680-138116-5

Date Collected: 04/27/17 10:12
Date Received: 04/28/17 09:05

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	5 mL	5 mL	182668	05/10/17 17:22	K1P	TAL TAM
	Instrument ID:	CHBVMJ5975								
Total/NA	Analysis	8260B		1	5 mL	5 mL	182668	05/10/17 17:41	K1P	TAL TAM
	Instrument ID:	CHBVMJ5975								

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

Accreditation/Certification Summary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138116-1

Laboratory: TestAmerica Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Georgia	State Program	4	N/A	06-30-17 *

Laboratory: TestAmerica Tampa

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

Authority	Program	EPA Region	Identification Number	Expiration Date
Florida	NELAP	4	E84282	06-30-17
Georgia	State Program	4	905	06-30-17
USDA	Federal		P330-14-00332	10-14-17

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138116-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL TAM
Moisture	Percent Moisture	EPA	TAL SAV

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 SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TAL TAM = TestAmerica Tampa, 6712 Benjamin Road, Suite 100, Tampa, FL 33634, TEL (813)885-7427

TestAmerica Savannah
5102 LaRoche Avenue

Savannah, GA 31404
Phone: 912.354.7858 Fax:

Chain of Custody Record

193734

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

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

Client Contact	Project Manager: CMcFall	Site Contact:	Date:	COC No:
Company Name: EnviroForensics	Tel/Fax: Same	Lab Contact:	Carrier:	____ of ____ COCs
Address: 825 N Capitol Ave	Analysis Turnaround Time			Sampler:
City/State/Zip: Indianapolis IN 46204	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 866-888-7911	TAT if different from Below ____			Walk-in Client:
Fax: 317-972-7875	☒ 2 weeks			Lab Sampling:
Project Name: Ideal cleaners	☐ 1 week			
Site: 6489	☐ 2 days			Job / SDG No.:
P O # 20170556	☐ 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	Sample Specific Notes:
6489-DP-9 (10-11)	4/27/17	0955	G	soil	4			X	
6489-DP-9 (18-19)	4/27/17	1000	G	soil	4			X	
6489-DP-9 (24-25)	4/27/17	1005	G	soil	4			X	
6489-DP-9 (14-16)	4/27/17	1027	G	water	3			X	
6489-DP-9 (20-23)	4/27/17	1012	G	water	3			X	
6489-TB									

680-138116 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:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: 5.2 Corr'd: 4.0 | Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Chris Apellman	EnviroForensics	4/27/17 1141			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
					4-28-17 905

681-Atlanta

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

TestAmerica

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Barnett, Eddie T	Carrier Tracking No(s):	COC No: 680-476849-1
Client Contact: Shipping/Receiving	Phone:	E-Mail: eddie.barnett@testamericainc.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): State Program - Georgia		Job #: 680-138116-1
Address: 6712 Benjamin Road, Suite 100,	Due Date Requested: 5/10/2017			
City: Tampa	TAT Requested (days):			
State, Zip: FL, 33634				
Phone: 813-885-7427(Tel) 813-885-7049(Fax)	PO #:			
Email:	WO #:			
Project Name: Ideal Cleaners - LaGrange, GA	Project #: 68018080			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/5030B (MOD) TCL OLM04.2 (w/ SAV Surrogates)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
6489-DP-9 (20-23) (680-138116-5)	4/27/17	10:12 Eastern		Water			X	3	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to TestAmerica Laboratories, Inc.

Possible Hazard Identification *Unconfirmed*	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)* ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:	Method of Shipment:	
Relinquished by: Jessica R Elizondo	Date/Time: 5/5/17 1554	Company TASAV	Received by:	Date/Time: 5/6/17 1130	Company TA TPA	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 3.4 / 3.2 CW-09			

Login Sample Receipt Checklist

Client: Environmental Forensic Investigation Inc

Job Number: 680-138116-1

Login Number: 138116
List Number: 1
Creator: Flanagan, Naomi V

List Source: TestAmerica Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
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	Trip Blank is listed on the COC; Trip Blank was not received.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Environmental Forensic Investigation Inc

Job Number: 680-138116-1

Login Number: 138116
List Number: 2
Creator: Southers, Kristin B

List Source: TestAmerica Tampa
List Creation: 05/06/17 03:08 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
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.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-138140-1
Client Project/Site: Ideal Cleaners - LaGrange, GA

For:
Environmental Forensic Investigation Inc
Enviroforensics, Inc
825 N. Capitol Ave
Indianapolis, Indiana 46204

Attn: Mr. Casey McFall

Authorized for release by:
5/15/2017 2:31:37 PM

Eddie Barnett, Project Manager I
(912)354-7858
eddie.barnett@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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.

Definitions/Glossary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138140-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Sample Summary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138140-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-138140-1	6489-HA-2 (1-2)	Solid	04/28/17 09:20	04/29/17 10:50
680-138140-2	6489-DUP-3	Solid	04/28/17 00:00	04/29/17 10:50
680-138140-5	6489-TB	Water	04/28/17 00:00	04/29/17 10:50

Job ID: 680-138140-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE
Client: Environmental Forensic Investigation Inc
Project: Ideal Cleaners - LaGrange, GA

Report Number: 680-138140-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT
The samples were received on 04/29/2017; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 3.5º C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples 6489-HA-2 (1-2) (680-138140-1) and 6489- DUP-3 (680-138140-2) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 05/01/2017 and analyzed on 05/11/2017.

Toluene was detected in method blank MB 680-479410/12 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed. Refer to the QC report for details.

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

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Sample 6489-TB (680-138140-5) was analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The sample was analyzed on 05/11/2017.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with analytical batch 680-479365.

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

PERCENT SOLIDS/MOISTURE
Samples 6489-HA-2 (1-2) (680-138140-1) and 6489- DUP-3 (680-138140-2) were analyzed for Percent Solids/Moisture in accordance with TestAmerica SO. The samples were analyzed on 05/05/2017.

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

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138140-1

Client Sample ID: 6489-HA-2 (1-2)

Date Collected: 04/28/17 09:20
Date Received: 04/29/17 10:50

Lab Sample ID: 680-138140-1

Matrix: Solid
Percent Solids: 90.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	3100	U	3100	580	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Chloromethane	3100	U	3100	620	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Vinyl chloride	3100	U	3100	930	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Bromomethane	3100	U	3100	930	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Chloroethane	3100	U	3100	1700	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Trichlorofluoromethane	3100	U	3100	740	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
1,1-Dichloroethene	3100	U	3100	930	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Acetone	31000	U	31000	6800	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Carbon disulfide	3100	U	3100	680	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Methylene Chloride	3100	U	3100	610	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
trans-1,2-Dichloroethene	3100	U	3100	390	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Methyl tert-butyl ether	3100	U	3100	620	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
1,1-Dichloroethane	3100	U	3100	680	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
cis-1,2-Dichloroethene	3100	U	3100	870	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
2-Butanone (MEK)	15000	U	15000	1500	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Chloroform	3100	U	3100	680	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
1,1,1-Trichloroethane	3100	U	3100	370	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Carbon tetrachloride	3100	U	3100	510	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Benzene	3100	U	3100	450	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
1,2-Dichloroethane	3100	U	3100	680	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Trichloroethene	**3300**		3100	810	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
1,2-Dichloropropane	3100	U	3100	530	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Bromodichloromethane	3100	U	3100	600	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
cis-1,3-Dichloropropene	3100	U	3100	510	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
4-Methyl-2-pentanone	15000	U	15000	2600	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Toluene	3100	U	3100	520	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
trans-1,3-Dichloropropene	3100	U	3100	540	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
1,1,2-Trichloroethane	3100	U	3100	810	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Tetrachloroethene	**50000**		3100	1200	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
2-Hexanone	15000	U	15000	2000	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Dibromochloromethane	3100	U	3100	1100	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
1,2-Dibromoethane	3100	U	3100	930	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Chlorobenzene	3100	U	3100	590	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Ethylbenzene	3100	U	3100	810	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Xylenes, Total	6200	U	6200	680	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Styrene	3100	U	3100	580	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Bromoform	3100	U	3100	930	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
Isopropylbenzene	3100	U	3100	1200	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
1,1,2,2-Tetrachloroethane	3100	U	3100	990	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
1,3-Dichlorobenzene	3100	U	3100	990	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
1,4-Dichlorobenzene	3100	U	3100	460	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
1,2-Dichlorobenzene	3100	U	3100	810	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
1,2-Dibromo-3-Chloropropane	6200	U	6200	2700	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500
1,2,4-Trichlorobenzene	3100	U	3100	550	ug/Kg	☼	05/01/17 13:10	05/11/17 17:26	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*70 - 130*	*05/01/17 13:10*	*05/11/17 17:26*	*500*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*	*05/01/17 13:10*	*05/11/17 17:26*	*500*
Dibromofluoromethane (Surr)	*105*		*70 - 130*	*05/01/17 13:10*	*05/11/17 17:26*	*500*

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138140-1

Client Sample ID: 6489-HA-2 (1-2)

Lab Sample ID: 680-138140-1
Date Collected: 04/28/17 09:20
Matrix: Solid
Date Received: 04/29/17 10:50
Percent Solids: 90.2

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	05/01/17 13:10	05/11/17 17:26	500

Client Sample ID: 6489-DUP-3

Lab Sample ID: 680-138140-2
Date Collected: 04/28/17 00:00
Matrix: Solid
Date Received: 04/29/17 10:50
Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5600	U	5600	1100	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Chloromethane	5600	U	5600	1100	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Vinyl chloride	5600	U	5600	1700	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Bromomethane	5600	U	5600	1700	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Chloroethane	5600	U	5600	3000	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Trichlorofluoromethane	5600	U	5600	1400	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
1,1-Dichloroethene	5600	U	5600	1700	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Acetone	56000	U	56000	12000	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Carbon disulfide	5600	U	5600	1200	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Methylene Chloride	5600	U	5600	1100	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
trans-1,2-Dichloroethene	5600	U	5600	710	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Methyl tert-butyl ether	5600	U	5600	1100	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
1,1-Dichloroethane	5600	U	5600	1200	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
cis-1,2-Dichloroethene	5600	U	5600	1600	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
2-Butanone (MEK)	28000	U	28000	2700	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Chloroform	5600	U	5600	1200	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
1,1,1-Trichloroethane	5600	U	5600	660	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Carbon tetrachloride	5600	U	5600	930	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Benzene	5600	U	5600	820	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
1,2-Dichloroethane	5600	U	5600	1200	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Trichloroethene	5600	U	5600	1500	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
1,2-Dichloropropane	5600	U	5600	970	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Bromodichloromethane	5600	U	5600	1100	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
cis-1,3-Dichloropropene	5600	U	5600	930	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
4-Methyl-2-pentanone	28000	U	28000	4700	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Toluene	5600	U	5600	950	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
trans-1,3-Dichloropropene	5600	U	5600	980	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
1,1,2-Trichloroethane	5600	U	5600	1500	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Tetrachloroethene	**76000**		5600	2100	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
2-Hexanone	28000	U	28000	3700	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Dibromochloromethane	5600	U	5600	1900	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
1,2-Dibromoethane	5600	U	5600	1700	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Chlorobenzene	5600	U	5600	1100	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Ethylbenzene	5600	U	5600	1500	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Xylenes, Total	11000	U	11000	1200	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Styrene	5600	U	5600	1000	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Bromoform	5600	U	5600	1700	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
Isopropylbenzene	5600	U	5600	2100	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
1,1,2,2-Tetrachloroethane	5600	U	5600	1800	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
1,3-Dichlorobenzene	5600	U	5600	1800	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
1,4-Dichlorobenzene	5600	U	5600	830	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138140-1

Client Sample ID: 6489-DUP-3

Lab Sample ID: 680-138140-2
Date Collected: 04/28/17 00:00
Matrix: Solid
Date Received: 04/29/17 10:50
Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	5600	U	5600	1500	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
1,2-Dibromo-3-Chloropropane	11000	U	11000	5000	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000
1,2,4-Trichlorobenzene	5600	U	5600	1000	ug/Kg	☼	05/01/17 13:10	05/11/17 17:55	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*70 - 130*	*05/01/17 13:10*	*05/11/17 17:55*	*1000*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*05/01/17 13:10*	*05/11/17 17:55*	*1000*
Dibromofluoromethane (Surr)	*104*		*70 - 130*	*05/01/17 13:10*	*05/11/17 17:55*	*1000*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*05/01/17 13:10*	*05/11/17 17:55*	*1000*

Client Sample ID: 6489-TB

Lab Sample ID: 680-138140-5
Date Collected: 04/28/17 00:00
Matrix: Water
Date Received: 04/29/17 10:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.60	ug/L			05/11/17 01:04	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/11/17 01:04	1
Vinyl chloride	1.0	U	1.0	0.50	ug/L			05/11/17 01:04	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/11/17 01:04	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/11/17 01:04	1
Trichlorofluoromethane	1.0	U	1.0	0.42	ug/L			05/11/17 01:04	1
1,1-Dichloroethene	1.0	U	1.0	0.36	ug/L			05/11/17 01:04	1
Acetone	10	U	10	7.0	ug/L			05/11/17 01:04	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/11/17 01:04	1
Methylene Chloride	5.0	U	5.0	2.5	ug/L			05/11/17 01:04	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.37	ug/L			05/11/17 01:04	1
Methyl tert-butyl ether	10	U	10	0.30	ug/L			05/11/17 01:04	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/11/17 01:04	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.41	ug/L			05/11/17 01:04	1
2-Butanone (MEK)	10	U	10	3.4	ug/L			05/11/17 01:04	1
Chloroform	1.0	U	1.0	0.50	ug/L			05/11/17 01:04	1
1,1,1-Trichloroethane	1.0	U	1.0	0.37	ug/L			05/11/17 01:04	1
Carbon tetrachloride	1.0	U	1.0	0.33	ug/L			05/11/17 01:04	1
Benzene	1.0	U	1.0	0.43	ug/L			05/11/17 01:04	1
1,2-Dichloroethane	1.0	U	1.0	0.50	ug/L			05/11/17 01:04	1
Trichloroethene	1.0	U	1.0	0.48	ug/L			05/11/17 01:04	1
1,2-Dichloropropane	1.0	U	1.0	0.67	ug/L			05/11/17 01:04	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/11/17 01:04	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.40	ug/L			05/11/17 01:04	1
4-Methyl-2-pentanone	10	U	10	2.1	ug/L			05/11/17 01:04	1
Toluene	1.0	U	1.0	0.48	ug/L			05/11/17 01:04	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.42	ug/L			05/11/17 01:04	1
1,1,2-Trichloroethane	1.0	U	1.0	0.33	ug/L			05/11/17 01:04	1
Tetrachloroethene	1.0	U	1.0	0.74	ug/L			05/11/17 01:04	1
2-Hexanone	10	U	10	2.0	ug/L			05/11/17 01:04	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/11/17 01:04	1
1,2-Dibromoethane	1.0	U	1.0	0.44	ug/L			05/11/17 01:04	1
Chlorobenzene	1.0	U	1.0	0.26	ug/L			05/11/17 01:04	1
Ethylbenzene	1.0	U	1.0	0.33	ug/L			05/11/17 01:04	1

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138140-1

Client Sample ID: 6489-TB

Date Collected: 04/28/17 00:00
Date Received: 04/29/17 10:50

Lab Sample ID: 680-138140-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	1.0	U	1.0	0.23	ug/L			05/11/17 01:04	1
Styrene	1.0	U	1.0	0.27	ug/L			05/11/17 01:04	1
Bromoform	1.0	U	1.0	0.43	ug/L			05/11/17 01:04	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			05/11/17 01:04	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.62	ug/L			05/11/17 01:04	1
1,3-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			05/11/17 01:04	1
1,4-Dichlorobenzene	1.0	U	1.0	0.46	ug/L			05/11/17 01:04	1
1,2-Dichlorobenzene	1.0	U	1.0	0.37	ug/L			05/11/17 01:04	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.1	ug/L			05/11/17 01:04	1
1,2,4-Trichlorobenzene	5.0	U	5.0	2.5	ug/L			05/11/17 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*80 - 120*		*05/11/17 01:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*83*		*73 - 131*		*05/11/17 01:04*	*1*
Dibromofluoromethane (Surr)	*93*		*80 - 122*		*05/11/17 01:04*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*05/11/17 01:04*	*1*

QC Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138140-1

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

Lab Sample ID: 680-138140-1 MS
Matrix: Solid
Analysis Batch: 479410

Client Sample ID: 6489-HA-2 (1-2)
Prep Type: Total/NA
Prep Batch: 478098

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	3100	U	30400	25900		ug/Kg	☼	85	40 - 160
Chloromethane	3100	U	30400	22900		ug/Kg	☼	75	40 - 160
Vinyl chloride	3100	U	30400	24100		ug/Kg	☼	79	70 - 130
Bromomethane	3100	U	30400	24400		ug/Kg	☼	80	40 - 160
Chloroethane	3100	U	30400	24300		ug/Kg	☼	80	40 - 160
Trichlorofluoromethane	3100	U	30400	27100		ug/Kg	☼	89	40 - 160
1,1-Dichloroethene	3100	U	30400	27100		ug/Kg	☼	89	70 - 130
Acetone	31000	U	152000	132000		ug/Kg	☼	87	40 - 160
Carbon disulfide	3100	U	30400	25000		ug/Kg	☼	82	40 - 160
Methylene Chloride	3100	U	30400	27400		ug/Kg	☼	90	70 - 130
trans-1,2-Dichloroethene	3100	U	30400	26200		ug/Kg	☼	86	70 - 130
Methyl tert-butyl ether	3100	U	30400	29000		ug/Kg	☼	95	70 - 130
1,1-Dichloroethane	3100	U	30400	24100		ug/Kg	☼	79	70 - 130
cis-1,2-Dichloroethene	3100	U	30400	26000		ug/Kg	☼	86	70 - 130
2-Butanone (MEK)	15000	U	152000	135000		ug/Kg	☼	89	40 - 160
Chloroform	3100	U	30400	26700		ug/Kg	☼	88	70 - 130
1,1,1-Trichloroethane	3100	U	30400	26600		ug/Kg	☼	88	70 - 130
Carbon tetrachloride	3100	U	30400	27500		ug/Kg	☼	90	70 - 130
Benzene	3100	U	30400	24800		ug/Kg	☼	82	70 - 130
1,2-Dichloroethane	3100	U	30400	26800		ug/Kg	☼	88	70 - 130
Trichloroethene	3300		30400	31500		ug/Kg	☼	93	70 - 130
1,2-Dichloropropane	3100	U	30400	23300		ug/Kg	☼	77	70 - 130
Bromodichloromethane	3100	U	30400	26100		ug/Kg	☼	86	70 - 130
cis-1,3-Dichloropropene	3100	U	30400	26900		ug/Kg	☼	88	70 - 130
4-Methyl-2-pentanone	15000	U	152000	137000		ug/Kg	☼	90	40 - 160
Toluene	3100	U	30400	26200		ug/Kg	☼	86	70 - 130
trans-1,3-Dichloropropene	3100	U	30400	27700		ug/Kg	☼	91	70 - 130
1,1,2-Trichloroethane	3100	U	30400	26500		ug/Kg	☼	87	70 - 130
Tetrachloroethene	50000		30400	77200		ug/Kg	☼	90	70 - 130
2-Hexanone	15000	U	152000	136000		ug/Kg	☼	90	40 - 160
Dibromochloromethane	3100	U	30400	29200		ug/Kg	☼	96	70 - 130
1,2-Dibromoethane	3100	U	30400	28500		ug/Kg	☼	94	70 - 130
Chlorobenzene	3100	U	30400	26900		ug/Kg	☼	88	70 - 130
Ethylbenzene	3100	U	30400	26700		ug/Kg	☼	88	70 - 130
Xylenes, Total	6200	U	60800	54600		ug/Kg	☼	90	70 - 130
Styrene	3100	U	30400	27700		ug/Kg	☼	91	70 - 130
Bromoform	3100	U	30400	30600		ug/Kg	☼	101	70 - 130
Isopropylbenzene	3100	U	30400	27700		ug/Kg	☼	91	70 - 130
1,1,2,2-Tetrachloroethane	3100	U	30400	26700		ug/Kg	☼	88	70 - 130
1,3-Dichlorobenzene	3100	U	30400	27100		ug/Kg	☼	89	70 - 130
1,4-Dichlorobenzene	3100	U	30400	26300		ug/Kg	☼	87	70 - 130
1,2-Dichlorobenzene	3100	U	30400	26500		ug/Kg	☼	87	70 - 130
1,2-Dibromo-3-Chloropropane	6200	U	30400	28000		ug/Kg	☼	92	40 - 160
1,2,4-Trichlorobenzene	3100	U	30400	28500		ug/Kg	☼	94	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*90*		*70 - 130*

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

Lab Sample ID: 680-138140-1 MS
Matrix: Solid
Analysis Batch: 479410

Client Sample ID: 6489-HA-2 (1-2)
Prep Type: Total/NA
Prep Batch: 478098

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*
Dibromofluoromethane (Surr)	*92*		*70 - 130*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*

Lab Sample ID: 680-138140-1 MSD
Matrix: Solid
Analysis Batch: 479410

Client Sample ID: 6489-HA-2 (1-2)
Prep Type: Total/NA
Prep Batch: 478098

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	3100	U	32200	28300		ug/Kg	☼	88	40 - 160	9	30
Chloromethane	3100	U	32200	24600		ug/Kg	☼	76	40 - 160	7	30
Vinyl chloride	3100	U	32200	25500		ug/Kg	☼	79	70 - 130	6	30
Bromomethane	3100	U	32200	26100		ug/Kg	☼	81	40 - 160	7	30
Chloroethane	3100	U	32200	25800		ug/Kg	☼	80	40 - 160	6	30
Trichlorofluoromethane	3100	U	32200	28200		ug/Kg	☼	88	40 - 160	4	30
1,1-Dichloroethene	3100	U	32200	28600		ug/Kg	☼	89	70 - 130	5	30
Acetone	31000	U	161000	143000		ug/Kg	☼	89	40 - 160	8	30
Carbon disulfide	3100	U	32200	27300		ug/Kg	☼	85	40 - 160	9	30
Methylene Chloride	3100	U	32200	29800		ug/Kg	☼	93	70 - 130	9	30
trans-1,2-Dichloroethene	3100	U	32200	28500		ug/Kg	☼	89	70 - 130	8	30
Methyl tert-butyl ether	3100	U	32200	30300		ug/Kg	☼	94	70 - 130	4	30
1,1-Dichloroethane	3100	U	32200	26100		ug/Kg	☼	81	70 - 130	8	30
cis-1,2-Dichloroethene	3100	U	32200	27500		ug/Kg	☼	85	70 - 130	6	30
2-Butanone (MEK)	15000	U	161000	140000		ug/Kg	☼	87	40 - 160	3	30
Chloroform	3100	U	32200	28200		ug/Kg	☼	88	70 - 130	6	30
1,1,1-Trichloroethane	3100	U	32200	28600		ug/Kg	☼	89	70 - 130	7	30
Carbon tetrachloride	3100	U	32200	29800		ug/Kg	☼	93	70 - 130	8	30
Benzene	3100	U	32200	26800		ug/Kg	☼	83	70 - 130	8	30
1,2-Dichloroethane	3100	U	32200	27900		ug/Kg	☼	87	70 - 130	4	30
Trichloroethene	3300		32200	34600		ug/Kg	☼	97	70 - 130	10	30
1,2-Dichloropropane	3100	U	32200	25100		ug/Kg	☼	78	70 - 130	7	30
Bromodichloromethane	3100	U	32200	28200		ug/Kg	☼	88	70 - 130	8	30
cis-1,3-Dichloropropene	3100	U	32200	29000		ug/Kg	☼	90	70 - 130	8	30
4-Methyl-2-pentanone	15000	U	161000	145000		ug/Kg	☼	90	40 - 160	6	30
Toluene	3100	U	32200	28000		ug/Kg	☼	87	70 - 130	7	30
trans-1,3-Dichloropropene	3100	U	32200	29800		ug/Kg	☼	93	70 - 130	7	30
1,1,2-Trichloroethane	3100	U	32200	27900		ug/Kg	☼	87	70 - 130	5	30
Tetrachloroethene	50000		32200	83700		ug/Kg	☼	105	70 - 130	8	30
2-Hexanone	15000	U	161000	144000		ug/Kg	☼	89	40 - 160	6	30
Dibromochloromethane	3100	U	32200	31600		ug/Kg	☼	98	70 - 130	8	30
1,2-Dibromoethane	3100	U	32200	31200		ug/Kg	☼	97	70 - 130	9	30
Chlorobenzene	3100	U	32200	29100		ug/Kg	☼	90	70 - 130	8	30
Ethylbenzene	3100	U	32200	28900		ug/Kg	☼	90	70 - 130	8	30
Xylenes, Total	6200	U	64400	58600		ug/Kg	☼	91	70 - 130	7	30
Styrene	3100	U	32200	30500		ug/Kg	☼	95	70 - 130	9	30
Bromoform	3100	U	32200	34300		ug/Kg	☼	106	70 - 130	11	30
Isopropylbenzene	3100	U	32200	30100		ug/Kg	☼	94	70 - 130	8	30
1,1,2,2-Tetrachloroethane	3100	U	32200	28800		ug/Kg	☼	90	70 - 130	8	30

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

Lab Sample ID: 680-138140-1 MSD
Matrix: Solid
Analysis Batch: 479410

Client Sample ID: 6489-HA-2 (1-2)
Prep Type: Total/NA
Prep Batch: 478098

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene	3100	U	32200	28900		ug/Kg	☼	90	70 - 130	6	30
1,4-Dichlorobenzene	3100	U	32200	28900		ug/Kg	☼	90	70 - 130	9	30
1,2-Dichlorobenzene	3100	U	32200	28800		ug/Kg	☼	89	70 - 130	8	30
1,2-Dibromo-3-Chloropropane	6200	U	32200	30700		ug/Kg	☼	95	40 - 160	9	30
1,2,4-Trichlorobenzene	3100	U	32200	31500		ug/Kg	☼	98	70 - 130	10	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*91*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*
Dibromofluoromethane (Surr)	*92*		*70 - 130*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*

Lab Sample ID: MB 680-479365/9
Matrix: Water
Analysis Batch: 479365

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.60	ug/L			05/10/17 20:15	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/10/17 20:15	1
Vinyl chloride	1.0	U	1.0	0.50	ug/L			05/10/17 20:15	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/10/17 20:15	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/10/17 20:15	1
Trichlorofluoromethane	1.0	U	1.0	0.42	ug/L			05/10/17 20:15	1
1,1-Dichloroethene	1.0	U	1.0	0.36	ug/L			05/10/17 20:15	1
Acetone	10	U	10	7.0	ug/L			05/10/17 20:15	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/10/17 20:15	1
Methylene Chloride	5.0	U	5.0	2.5	ug/L			05/10/17 20:15	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.37	ug/L			05/10/17 20:15	1
Methyl tert-butyl ether	10	U	10	0.30	ug/L			05/10/17 20:15	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/10/17 20:15	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.41	ug/L			05/10/17 20:15	1
2-Butanone (MEK)	10	U	10	3.4	ug/L			05/10/17 20:15	1
Chloroform	1.0	U	1.0	0.50	ug/L			05/10/17 20:15	1
1,1,1-Trichloroethane	1.0	U	1.0	0.37	ug/L			05/10/17 20:15	1
Carbon tetrachloride	1.0	U	1.0	0.33	ug/L			05/10/17 20:15	1
Benzene	1.0	U	1.0	0.43	ug/L			05/10/17 20:15	1
1,2-Dichloroethane	1.0	U	1.0	0.50	ug/L			05/10/17 20:15	1
Trichloroethene	1.0	U	1.0	0.48	ug/L			05/10/17 20:15	1
1,2-Dichloropropane	1.0	U	1.0	0.67	ug/L			05/10/17 20:15	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/10/17 20:15	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.40	ug/L			05/10/17 20:15	1
4-Methyl-2-pentanone	10	U	10	2.1	ug/L			05/10/17 20:15	1
Toluene	1.0	U	1.0	0.48	ug/L			05/10/17 20:15	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.42	ug/L			05/10/17 20:15	1
1,1,2-Trichloroethane	1.0	U	1.0	0.33	ug/L			05/10/17 20:15	1
Tetrachloroethene	1.0	U	1.0	0.74	ug/L			05/10/17 20:15	1
2-Hexanone	10	U	10	2.0	ug/L			05/10/17 20:15	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/10/17 20:15	1

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

Lab Sample ID: MB 680-479365/9
Matrix: Water
Analysis Batch: 479365

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	1.0	U	1.0	0.44	ug/L			05/10/17 20:15	1
Chlorobenzene	1.0	U	1.0	0.26	ug/L			05/10/17 20:15	1
Ethylbenzene	1.0	U	1.0	0.33	ug/L			05/10/17 20:15	1
Xylenes, Total	1.0	U	1.0	0.23	ug/L			05/10/17 20:15	1
Styrene	1.0	U	1.0	0.27	ug/L			05/10/17 20:15	1
Bromoform	1.0	U	1.0	0.43	ug/L			05/10/17 20:15	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			05/10/17 20:15	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.62	ug/L			05/10/17 20:15	1
1,3-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			05/10/17 20:15	1
1,4-Dichlorobenzene	1.0	U	1.0	0.46	ug/L			05/10/17 20:15	1
1,2-Dichlorobenzene	1.0	U	1.0	0.37	ug/L			05/10/17 20:15	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.1	ug/L			05/10/17 20:15	1
1,2,4-Trichlorobenzene	5.0	U	5.0	2.5	ug/L			05/10/17 20:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*80 - 120*		*05/10/17 20:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*73 - 131*		*05/10/17 20:15*	*1*
Dibromofluoromethane (Surr)	*93*		*80 - 122*		*05/10/17 20:15*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*05/10/17 20:15*	*1*

Lab Sample ID: LCS 680-479365/3
Matrix: Water
Analysis Batch: 479365

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	61.2		ug/L		122	70 - 137
Chloromethane	50.0	51.6		ug/L		103	76 - 149
Vinyl chloride	50.0	47.6		ug/L		95	80 - 129
Bromomethane	50.0	66.3		ug/L		133	43 - 146
Chloroethane	50.0	49.7		ug/L		99	48 - 145
Trichlorofluoromethane	50.0	52.3		ug/L		105	58 - 127
1,1-Dichloroethene	50.0	50.0		ug/L		100	80 - 120
Acetone	250	235		ug/L		94	68 - 132
Carbon disulfide	50.0	49.2		ug/L		98	77 - 129
Methylene Chloride	50.0	49.7		ug/L		99	80 - 120
trans-1,2-Dichloroethene	50.0	51.5		ug/L		103	80 - 120
Methyl tert-butyl ether	50.0	47.1		ug/L		94	80 - 122
1,1-Dichloroethane	50.0	48.2		ug/L		96	80 - 120
cis-1,2-Dichloroethene	50.0	46.1		ug/L		92	80 - 120
2-Butanone (MEK)	250	240		ug/L		96	79 - 125
Chloroform	50.0	47.8		ug/L		96	80 - 120
1,1,1-Trichloroethane	50.0	47.8		ug/L		96	80 - 120
Carbon tetrachloride	50.0	47.2		ug/L		94	67 - 125
Benzene	50.0	50.4		ug/L		101	80 - 120
1,2-Dichloroethane	50.0	43.8		ug/L		88	72 - 128
Trichloroethene	50.0	50.8		ug/L		102	80 - 120
1,2-Dichloropropane	50.0	48.0		ug/L		96	80 - 120
Bromodichloromethane	50.0	46.8		ug/L		94	80 - 120

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

Lab Sample ID: LCS 680-479365/3
Matrix: Water
Analysis Batch: 479365

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,3-Dichloropropene	50.0	46.8		ug/L		94	80 - 129
4-Methyl-2-pentanone	250	220		ug/L		88	80 - 134
Toluene	50.0	51.3		ug/L		103	80 - 120
trans-1,3-Dichloropropene	50.0	44.9		ug/L		90	80 - 128
1,1,2-Trichloroethane	50.0	49.4		ug/L		99	80 - 120
Tetrachloroethene	50.0	53.0		ug/L		106	71 - 123
2-Hexanone	250	218		ug/L		87	80 - 131
Dibromochloromethane	50.0	48.1		ug/L		96	68 - 120
1,2-Dibromoethane	50.0	48.8		ug/L		98	75 - 126
Chlorobenzene	50.0	52.5		ug/L		105	80 - 120
Ethylbenzene	50.0	52.6		ug/L		105	80 - 120
Xylenes, Total	100	103		ug/L		103	80 - 120
Styrene	50.0	54.5		ug/L		109	80 - 126
Bromoform	50.0	47.3		ug/L		95	52 - 122
Isopropylbenzene	50.0	54.0		ug/L		108	79 - 126
1,1,2,2-Tetrachloroethane	50.0	52.3		ug/L		105	76 - 126
1,3-Dichlorobenzene	50.0	49.3		ug/L		99	80 - 120
1,4-Dichlorobenzene	50.0	48.3		ug/L		97	80 - 120
1,2-Dichlorobenzene	50.0	49.2		ug/L		98	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	49.3		ug/L		99	74 - 120
1,2,4-Trichlorobenzene	50.0	47.4		ug/L		95	71 - 126

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*84*		*73 - 131*
Dibromofluoromethane (Surr)	*94*		*80 - 122*
4-Bromofluorobenzene (Surr)	*87*		*80 - 120*

Lab Sample ID: LCSD 680-479365/4
Matrix: Water
Analysis Batch: 479365

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	50.0	57.9		ug/L		116	70 - 137	6	40
Chloromethane	50.0	52.0		ug/L		104	76 - 149	1	30
Vinyl chloride	50.0	48.6		ug/L		97	80 - 129	2	20
Bromomethane	50.0	63.9		ug/L		128	43 - 146	4	20
Chloroethane	50.0	51.2		ug/L		102	48 - 145	3	20
Trichlorofluoromethane	50.0	54.2		ug/L		108	58 - 127	4	20
1,1-Dichloroethene	50.0	50.9		ug/L		102	80 - 120	2	20
Acetone	250	241		ug/L		96	68 - 132	3	30
Carbon disulfide	50.0	49.3		ug/L		99	77 - 129	0	20
Methylene Chloride	50.0	48.4		ug/L		97	80 - 120	3	20
trans-1,2-Dichloroethene	50.0	51.8		ug/L		104	80 - 120	1	20
Methyl tert-butyl ether	50.0	47.7		ug/L		95	80 - 122	1	20
1,1-Dichloroethane	50.0	48.3		ug/L		97	80 - 120	0	20
cis-1,2-Dichloroethene	50.0	47.2		ug/L		94	80 - 120	2	20
2-Butanone (MEK)	250	241		ug/L		96	79 - 125	1	20

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

Lab Sample ID: LCSD 680-479365/4
Matrix: Water
Analysis Batch: 479365

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroform	50.0	48.0		ug/L		96	80 - 120	0	20
1,1,1-Trichloroethane	50.0	48.0		ug/L		96	80 - 120	0	20
Carbon tetrachloride	50.0	47.8		ug/L		96	67 - 125	1	20
Benzene	50.0	50.6		ug/L		101	80 - 120	0	20
1,2-Dichloroethane	50.0	44.5		ug/L		89	72 - 128	1	50
Trichloroethene	50.0	50.2		ug/L		100	80 - 120	1	20
1,2-Dichloropropane	50.0	46.9		ug/L		94	80 - 120	2	20
Bromodichloromethane	50.0	45.8		ug/L		92	80 - 120	2	20
cis-1,3-Dichloropropene	50.0	45.7		ug/L		91	80 - 129	2	20
4-Methyl-2-pentanone	250	211		ug/L		85	80 - 134	4	20
Toluene	50.0	49.6		ug/L		99	80 - 120	3	20
trans-1,3-Dichloropropene	50.0	44.3		ug/L		89	80 - 128	1	30
1,1,2-Trichloroethane	50.0	49.2		ug/L		98	80 - 120	1	20
Tetrachloroethene	50.0	53.1		ug/L		106	71 - 123	0	20
2-Hexanone	250	221		ug/L		88	80 - 131	2	20
Dibromochloromethane	50.0	47.7		ug/L		95	68 - 120	1	20
1,2-Dibromoethane	50.0	49.1		ug/L		98	75 - 126	1	20
Chlorobenzene	50.0	52.6		ug/L		105	80 - 120	0	20
Ethylbenzene	50.0	52.5		ug/L		105	80 - 120	0	20
Xylenes, Total	100	104		ug/L		104	80 - 120	0	20
Styrene	50.0	54.3		ug/L		109	80 - 126	0	20
Bromoform	50.0	47.2		ug/L		94	52 - 122	0	20
Isopropylbenzene	50.0	54.0		ug/L		108	79 - 126	0	20
1,1,2,2-Tetrachloroethane	50.0	51.7		ug/L		103	76 - 126	1	20
1,3-Dichlorobenzene	50.0	49.5		ug/L		99	80 - 120	1	20
1,4-Dichlorobenzene	50.0	49.8		ug/L		100	80 - 120	3	20
1,2-Dichlorobenzene	50.0	50.7		ug/L		101	80 - 120	3	20
1,2-Dibromo-3-Chloropropane	50.0	50.6		ug/L		101	74 - 120	3	20
1,2,4-Trichlorobenzene	50.0	49.7		ug/L		99	71 - 126	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*85*		*73 - 131*
Dibromofluoromethane (Surr)	*94*		*80 - 122*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*

Lab Sample ID: MB 680-479410/12
Matrix: Solid
Analysis Batch: 479410

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	200	U	200	38	ug/Kg			05/11/17 12:26	40
Chloromethane	200	U	200	40	ug/Kg			05/11/17 12:26	40
Vinyl chloride	200	U	200	60	ug/Kg			05/11/17 12:26	40
Bromomethane	200	U	200	60	ug/Kg			05/11/17 12:26	40
Chloroethane	200	U	200	110	ug/Kg			05/11/17 12:26	40
Trichlorofluoromethane	200	U	200	48	ug/Kg			05/11/17 12:26	40
1,1-Dichloroethene	200	U	200	60	ug/Kg			05/11/17 12:26	40

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

Lab Sample ID: MB 680-479410/12
Matrix: Solid
Analysis Batch: 479410

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2000	U	2000	440	ug/Kg			05/11/17 12:26	40
Carbon disulfide	200	U	200	44	ug/Kg			05/11/17 12:26	40
Methylene Chloride	200	U	200	39	ug/Kg			05/11/17 12:26	40
trans-1,2-Dichloroethene	200	U	200	25	ug/Kg			05/11/17 12:26	40
Methyl tert-butyl ether	200	U	200	40	ug/Kg			05/11/17 12:26	40
1,1-Dichloroethane	200	U	200	44	ug/Kg			05/11/17 12:26	40
cis-1,2-Dichloroethene	200	U	200	56	ug/Kg			05/11/17 12:26	40
2-Butanone (MEK)	1000	U	1000	96	ug/Kg			05/11/17 12:26	40
Chloroform	200	U	200	44	ug/Kg			05/11/17 12:26	40
1,1,1-Trichloroethane	200	U	200	24	ug/Kg			05/11/17 12:26	40
Carbon tetrachloride	200	U	200	33	ug/Kg			05/11/17 12:26	40
Benzene	200	U	200	29	ug/Kg			05/11/17 12:26	40
1,2-Dichloroethane	200	U	200	44	ug/Kg			05/11/17 12:26	40
Trichloroethene	200	U	200	52	ug/Kg			05/11/17 12:26	40
1,2-Dichloropropane	200	U	200	34	ug/Kg			05/11/17 12:26	40
Bromodichloromethane	200	U	200	39	ug/Kg			05/11/17 12:26	40
cis-1,3-Dichloropropene	200	U	200	33	ug/Kg			05/11/17 12:26	40
4-Methyl-2-pentanone	1000	U	1000	170	ug/Kg			05/11/17 12:26	40
Toluene	39.4	J	200	34	ug/Kg			05/11/17 12:26	40
trans-1,3-Dichloropropene	200	U	200	35	ug/Kg			05/11/17 12:26	40
1,1,2-Trichloroethane	200	U	200	52	ug/Kg			05/11/17 12:26	40
Tetrachloroethene	200	U	200	76	ug/Kg			05/11/17 12:26	40
2-Hexanone	1000	U	1000	130	ug/Kg			05/11/17 12:26	40
Dibromochloromethane	200	U	200	68	ug/Kg			05/11/17 12:26	40
1,2-Dibromoethane	200	U	200	60	ug/Kg			05/11/17 12:26	40
Chlorobenzene	200	U	200	38	ug/Kg			05/11/17 12:26	40
Ethylbenzene	200	U	200	52	ug/Kg			05/11/17 12:26	40
Xylenes, Total	400	U	400	44	ug/Kg			05/11/17 12:26	40
Styrene	200	U	200	37	ug/Kg			05/11/17 12:26	40
Bromoform	200	U	200	60	ug/Kg			05/11/17 12:26	40
Isopropylbenzene	200	U	200	76	ug/Kg			05/11/17 12:26	40
1,1,2,2-Tetrachloroethane	200	U	200	64	ug/Kg			05/11/17 12:26	40
1,3-Dichlorobenzene	200	U	200	64	ug/Kg			05/11/17 12:26	40
1,4-Dichlorobenzene	200	U	200	30	ug/Kg			05/11/17 12:26	40
1,2-Dichlorobenzene	200	U	200	52	ug/Kg			05/11/17 12:26	40
1,2-Dibromo-3-Chloropropane	400	U	400	180	ug/Kg			05/11/17 12:26	40
1,2,4-Trichlorobenzene	200	U	200	36	ug/Kg			05/11/17 12:26	40

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*70 - 130*		*05/11/17 12:26*	*40*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*05/11/17 12:26*	*40*
Dibromofluoromethane (Surr)	*108*		*70 - 130*		*05/11/17 12:26*	*40*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*05/11/17 12:26*	*40*

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

Lab Sample ID: LCS 680-479410/6
Matrix: Solid
Analysis Batch: 479410

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	2500	2570		ug/Kg		103	40 - 160
Chloromethane	2500	2250		ug/Kg		90	40 - 160
Vinyl chloride	2500	2320		ug/Kg		93	70 - 130
Bromomethane	2500	2300		ug/Kg		92	40 - 160
Chloroethane	2500	2370		ug/Kg		95	40 - 160
Trichlorofluoromethane	2500	2360		ug/Kg		94	40 - 160
1,1-Dichloroethene	2500	2610		ug/Kg		104	70 - 130
Acetone	12500	11600		ug/Kg		93	40 - 160
Carbon disulfide	2500	2470		ug/Kg		99	40 - 160
Methylene Chloride	2500	2510		ug/Kg		100	70 - 130
trans-1,2-Dichloroethene	2500	2450		ug/Kg		98	70 - 130
Methyl tert-butyl ether	2500	2550		ug/Kg		102	70 - 130
1,1-Dichloroethane	2500	2310		ug/Kg		92	70 - 130
cis-1,2-Dichloroethene	2500	2370		ug/Kg		95	70 - 130
2-Butanone (MEK)	12500	11800		ug/Kg		95	40 - 160
Chloroform	2500	2420		ug/Kg		97	70 - 130
1,1,1-Trichloroethane	2500	2540		ug/Kg		101	70 - 130
Carbon tetrachloride	2500	2590		ug/Kg		103	70 - 130
Benzene	2500	2360		ug/Kg		94	70 - 130
1,2-Dichloroethane	2500	2400		ug/Kg		96	70 - 130
Trichloroethene	2500	2640		ug/Kg		105	70 - 130
1,2-Dichloropropane	2500	2220		ug/Kg		89	70 - 130
Bromodichloromethane	2500	2520		ug/Kg		101	70 - 130
cis-1,3-Dichloropropene	2500	2580		ug/Kg		103	70 - 130
4-Methyl-2-pentanone	12500	12400		ug/Kg		99	40 - 160
Toluene	2500	2420		ug/Kg		97	70 - 130
trans-1,3-Dichloropropene	2500	2650		ug/Kg		106	70 - 130
1,1,2-Trichloroethane	2500	2390		ug/Kg		95	70 - 130
Tetrachloroethene	2500	2720		ug/Kg		109	70 - 130
2-Hexanone	12500	12300		ug/Kg		98	40 - 160
Dibromochloromethane	2500	2780		ug/Kg		111	70 - 130
1,2-Dibromoethane	2500	2640		ug/Kg		106	70 - 130
Chlorobenzene	2500	2540		ug/Kg		102	70 - 130
Ethylbenzene	2500	2560		ug/Kg		102	70 - 130
Xylenes, Total	5000	5240		ug/Kg		105	70 - 130
Styrene	2500	2650		ug/Kg		106	70 - 130
Bromoform	2500	3000		ug/Kg		120	70 - 130
Isopropylbenzene	2500	2700		ug/Kg		108	70 - 130
1,1,2,2-Tetrachloroethane	2500	2530		ug/Kg		101	70 - 130
1,3-Dichlorobenzene	2500	2650		ug/Kg		106	70 - 130
1,4-Dichlorobenzene	2500	2600		ug/Kg		104	70 - 130
1,2-Dichlorobenzene	2500	2590		ug/Kg		103	70 - 130
1,2-Dibromo-3-Chloropropane	2500	2740		ug/Kg		110	40 - 160
1,2,4-Trichlorobenzene	2500	2890		ug/Kg		116	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*104*		*70 - 130*

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

Lab Sample ID: LCS 680-479410/6
Matrix: Solid
Analysis Batch: 479410

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 680-479410/7
Matrix: Solid
Analysis Batch: 479410

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	2500	2560		ug/Kg		102	40 - 160	1	20
Chloromethane	2500	2330		ug/Kg		93	40 - 160	4	20
Vinyl chloride	2500	2400		ug/Kg		96	70 - 130	3	20
Bromomethane	2500	2490		ug/Kg		99	40 - 160	8	20
Chloroethane	2500	2470		ug/Kg		99	40 - 160	4	20
Trichlorofluoromethane	2500	2450		ug/Kg		98	40 - 160	4	20
1,1-Dichloroethene	2500	2750		ug/Kg		110	70 - 130	5	20
Acetone	12500	12600		ug/Kg		101	40 - 160	8	20
Carbon disulfide	2500	2570		ug/Kg		103	40 - 160	4	20
Methylene Chloride	2500	2710		ug/Kg		108	70 - 130	8	20
trans-1,2-Dichloroethene	2500	2580		ug/Kg		103	70 - 130	5	20
Methyl tert-butyl ether	2500	2700		ug/Kg		108	70 - 130	6	20
1,1-Dichloroethane	2500	2400		ug/Kg		96	70 - 130	4	20
cis-1,2-Dichloroethene	2500	2510		ug/Kg		100	70 - 130	6	20
2-Butanone (MEK)	12500	12600		ug/Kg		101	40 - 160	6	20
Chloroform	2500	2540		ug/Kg		102	70 - 130	5	20
1,1,1-Trichloroethane	2500	2600		ug/Kg		104	70 - 130	3	20
Carbon tetrachloride	2500	2710		ug/Kg		108	70 - 130	5	20
Benzene	2500	2480		ug/Kg		99	70 - 130	5	20
1,2-Dichloroethane	2500	2570		ug/Kg		103	70 - 130	7	20
Trichloroethene	2500	2790		ug/Kg		112	70 - 130	6	20
1,2-Dichloropropane	2500	2340		ug/Kg		94	70 - 130	5	20
Bromodichloromethane	2500	2580		ug/Kg		103	70 - 130	2	20
cis-1,3-Dichloropropene	2500	2670		ug/Kg		107	70 - 130	4	20
4-Methyl-2-pentanone	12500	13200		ug/Kg		105	40 - 160	6	20
Toluene	2500	2520		ug/Kg		101	70 - 130	4	20
trans-1,3-Dichloropropene	2500	2740		ug/Kg		110	70 - 130	3	20
1,1,2-Trichloroethane	2500	2600		ug/Kg		104	70 - 130	9	20
Tetrachloroethene	2500	2810		ug/Kg		112	70 - 130	3	20
2-Hexanone	12500	13000		ug/Kg		104	40 - 160	6	20
Dibromochloromethane	2500	2870		ug/Kg		115	70 - 130	3	20
1,2-Dibromoethane	2500	2730		ug/Kg		109	70 - 130	3	20
Chlorobenzene	2500	2580		ug/Kg		103	70 - 130	2	20
Ethylbenzene	2500	2600		ug/Kg		104	70 - 130	2	20
Xylenes, Total	5000	5270		ug/Kg		105	70 - 130	1	20
Styrene	2500	2710		ug/Kg		108	70 - 130	2	20
Bromoform	2500	3070		ug/Kg		123	70 - 130	2	20
Isopropylbenzene	2500	2710		ug/Kg		108	70 - 130	0	20
1,1,2,2-Tetrachloroethane	2500	2630		ug/Kg		105	70 - 130	4	20

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

Lab Sample ID: LCSD 680-479410/7
Matrix: Solid
Analysis Batch: 479410

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene			2500	2630		ug/Kg		105	70 - 130	1	20
1,4-Dichlorobenzene			2500	2590		ug/Kg		104	70 - 130	0	20
1,2-Dichlorobenzene			2500	2570		ug/Kg		103	70 - 130	1	20
1,2-Dibromo-3-Chloropropane			2500	2710		ug/Kg		108	40 - 160	1	20
1,2,4-Trichlorobenzene			2500	2860		ug/Kg		114	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*107*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*
Dibromofluoromethane (Surr)	*107*		*70 - 130*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*

QC Association Summary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138140-1

GC/MS VOA

Prep Batch: 478098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-138140-1	6489-HA-2 (1-2)	Total/NA	Solid	5035	
680-138140-2	6489-DUP-3	Total/NA	Solid	5035	
680-138140-1 MS	6489-HA-2 (1-2)	Total/NA	Solid	5035	
680-138140-1 MSD	6489-HA-2 (1-2)	Total/NA	Solid	5035	

Analysis Batch: 479365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-138140-5	6489-TB	Total/NA	Water	8260B	
MB 680-479365/9	Method Blank	Total/NA	Water	8260B	
LCS 680-479365/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-479365/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 479410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-138140-1	6489-HA-2 (1-2)	Total/NA	Solid	8260B	478098
680-138140-2	6489-DUP-3	Total/NA	Solid	8260B	478098
MB 680-479410/12	Method Blank	Total/NA	Solid	8260B	
LCS 680-479410/6	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-479410/7	Lab Control Sample Dup	Total/NA	Solid	8260B	
680-138140-1 MS	6489-HA-2 (1-2)	Total/NA	Solid	8260B	478098
680-138140-1 MSD	6489-HA-2 (1-2)	Total/NA	Solid	8260B	478098

General Chemistry

Analysis Batch: 478690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-138140-1	6489-HA-2 (1-2)	Total/NA	Solid	Moisture	
680-138140-2	6489-DUP-3	Total/NA	Solid	Moisture	
680-138140-1 MS	6489-HA-2 (1-2)	Total/NA	Solid	Moisture	
680-138140-1 MSD	6489-HA-2 (1-2)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138140-1

Client Sample ID: 6489-HA-2 (1-2)
Date Collected: 04/28/17 09:20
Date Received: 04/29/17 10:50

Lab Sample ID: 680-138140-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			478690	05/05/17 09:01	EDE	TAL SAV
	Instrument ID: NOEQUIP									

Client Sample ID: 6489-HA-2 (1-2)
Date Collected: 04/28/17 09:20
Date Received: 04/29/17 10:50

Lab Sample ID: 680-138140-1
Matrix: Solid
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.474 g	5 mL	478098	05/01/17 13:10	FES	TAL SAV
Total/NA	Analysis	8260B		500	5 mL	5 mL	479410	05/11/17 17:26	JLK	TAL SAV
	Instrument ID: CMSAB									

Client Sample ID: 6489-DUP-3
Date Collected: 04/28/17 00:00
Date Received: 04/29/17 10:50

Lab Sample ID: 680-138140-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			478690	05/05/17 09:01	EDE	TAL SAV
	Instrument ID: NOEQUIP									

Client Sample ID: 6489-DUP-3
Date Collected: 04/28/17 00:00
Date Received: 04/29/17 10:50

Lab Sample ID: 680-138140-2
Matrix: Solid
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5 g	5 mL	478098	05/01/17 13:10	FES	TAL SAV
Total/NA	Analysis	8260B		1000	5 mL	5 mL	479410	05/11/17 17:55	JLK	TAL SAV
	Instrument ID: CMSAB									

Client Sample ID: 6489-TB
Date Collected: 04/28/17 00:00
Date Received: 04/29/17 10:50

Lab Sample ID: 680-138140-5
Matrix: Water

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 mL	5 mL	479365	05/11/17 01:04	JD1	TAL SAV
	Instrument ID: CMSP2									

Laboratory References:
TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138140-1

Laboratory: TestAmerica Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Georgia	State Program	4	N/A	06-30-17 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138140-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
Moisture	Percent Moisture	EPA	TAL SAV

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 SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TestAmerica Savannah
5102 LaRoche Avenue

Savannah, GA 31404
Phone: 912.354.7858 Fax:

Chain of Custody Record

193733

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

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

Client Contact	Project Manager: CMCFall	Site Contact:	Date:	COC No:
Company Name: EnviroForensics	Tel/Fax: Same	Lab Contact:	Carrier:	_____ of _____ COCs
Address: 825 N Capitol Ave	Analysis Turnaround Time			Sampler:
City/State/Zip: Indianapolis IN	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 866-888-7911	TAT if different from Below _____			Walk-in Client:
Fax: 317-972-7875	X 2 weeks			Lab Sampling:
Project Name: Ideal Cleaners	☐ 1 week			
Site: 6489	☐ 2 days			Job / SDG No.:
PO # 20170556	☐ 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	NS/MSD	Sample Specific Notes:
6489-MA-2 (1-2)	4/28/17	0920	G	soil	12			X	X	
6489-DUP-3	—	—	G	soil	4			X		
6489-TB	—	—	—	water	3			X		

680-138140 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:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: 4.2 Corr'd: 3.5 | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Christine Fullerton	EnviroForensics	4/28/17 1643			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: SKW	Date/Time: 4-29-17 1050

681-Atlanta

5/15/2017

Login Sample Receipt Checklist

Client: Environmental Forensic Investigation Inc

Job Number: 680-138140-1

Login Number: 138140
List Number: 1
Creator: Flanagan, Naomi V

List Source: TestAmerica Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
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.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-138204-1
Client Project/Site: Ideal Cleaners - LaGrange, GA

For:
Environmental Forensic Investigation Inc
Enviroforensics, Inc
825 N. Capitol Ave
Indianapolis, Indiana 46204

Attn: Mr. Casey McFall

Authorized for release by:
5/16/2017 1:29:15 PM

Eddie Barnett, Project Manager I
(912)354-7858
eddie.barnett@testamericainc.com

Definitions/Glossary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138204-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	LCS or LCSD is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Sample Summary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138204-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-138204-1	6489-MW-1	Water	04/30/17 12:57	05/02/17 09:50
680-138204-2	6489-MW-2	Water	04/30/17 13:44	05/02/17 09:50
680-138204-3	6489-MW-3	Water	04/30/17 14:36	05/02/17 09:50
680-138204-4	6489-MW-4	Water	04/30/17 16:26	05/02/17 09:50
680-138204-5	6489-MW-5	Water	04/30/17 15:38	05/02/17 09:50
680-138204-6	6489-DUP-4	Water	04/30/17 00:00	05/02/17 09:50
680-138204-7	6489-EB-1	Water	04/30/17 17:45	05/02/17 09:50
680-138204-8	6489-TB	Water	04/30/17 00:00	05/02/17 09:50

Job ID: 680-138204-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE
Client: Environmental Forensic Investigation Inc
Project: Ideal Cleaners - LaGrange, GA

Report Number: 680-138204-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 05/02/2017; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 3.3º C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 6489-MW-1 (680-138204-1), 6489-MW-2 (680-138204-2), 6489-MW-3 (680-138204-3), 6489-MW-4 (680-138204-4), 6489-MW-5 (680-138204-5), 6489-DUP-4 (680-138204-6), 6489-EB-1 (680-138204-7) and 6489-TB (680-138204-8) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 05/11/2017 and 05/12/2017.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 680-479607.

2-Hexanone recovered outside the recovery criteria low for LCS 680-479400/3. Chloroform recovered outside the recovery criteria low for LCS 680-479607/3. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported. Refer to the QC report for details.

Vinyl chloride exceeded the RPD limit for the MSD of sample 6489-MW-1 MSD (680-138204-1) in batch 680-479400. Refer to the QC report for details.

Samples 6489-MW-4 (680-138204-4)[10X], 6489-MW-4 (680-138204-4)[100X], 6489-MW-5 (680-138204-5)[10X], 6489-MW-5 (680-138204-5)[2X], 6489-DUP-4 (680-138204-6)[10X] and 6489-DUP-4 (680-138204-6)[100X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138204-1

Client Sample ID: 6489-MW-1

Date Collected: 04/30/17 12:57
Date Received: 05/02/17 09:50

Lab Sample ID: 680-138204-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.60	ug/L			05/11/17 12:56	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/11/17 12:56	1
Vinyl chloride	1.0	U F2	1.0	0.50	ug/L			05/11/17 12:56	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/11/17 12:56	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/11/17 12:56	1
Trichlorofluoromethane	1.0	U	1.0	0.42	ug/L			05/11/17 12:56	1
1,1-Dichloroethene	1.0	U	1.0	0.36	ug/L			05/11/17 12:56	1
Acetone	10	U	10	7.0	ug/L			05/11/17 12:56	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/11/17 12:56	1
Methylene Chloride	5.0	U	5.0	2.5	ug/L			05/11/17 12:56	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.37	ug/L			05/11/17 12:56	1
Methyl tert-butyl ether	10	U	10	0.30	ug/L			05/11/17 12:56	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/11/17 12:56	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.41	ug/L			05/11/17 12:56	1
2-Butanone (MEK)	10	U	10	3.4	ug/L			05/11/17 12:56	1
Chloroform	1.0	U	1.0	0.50	ug/L			05/11/17 12:56	1
1,1,1-Trichloroethane	1.0	U	1.0	0.37	ug/L			05/11/17 12:56	1
Carbon tetrachloride	1.0	U	1.0	0.33	ug/L			05/11/17 12:56	1
Benzene	1.0	U	1.0	0.43	ug/L			05/11/17 12:56	1
1,2-Dichloroethane	1.0	U	1.0	0.50	ug/L			05/11/17 12:56	1
Trichloroethene	1.0	U	1.0	0.48	ug/L			05/11/17 12:56	1
1,2-Dichloropropane	1.0	U	1.0	0.67	ug/L			05/11/17 12:56	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/11/17 12:56	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.40	ug/L			05/11/17 12:56	1
4-Methyl-2-pentanone	10	U	10	2.1	ug/L			05/11/17 12:56	1
Toluene	1.0	U	1.0	0.48	ug/L			05/11/17 12:56	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.42	ug/L			05/11/17 12:56	1
1,1,2-Trichloroethane	1.0	U	1.0	0.33	ug/L			05/11/17 12:56	1
Tetrachloroethene	1.0	U	1.0	0.74	ug/L			05/11/17 12:56	1
2-Hexanone	10	U *	10	2.0	ug/L			05/11/17 12:56	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/11/17 12:56	1
1,2-Dibromoethane	1.0	U	1.0	0.44	ug/L			05/11/17 12:56	1
Chlorobenzene	1.0	U	1.0	0.26	ug/L			05/11/17 12:56	1
Ethylbenzene	1.0	U	1.0	0.33	ug/L			05/11/17 12:56	1
Xylenes, Total	1.0	U	1.0	0.23	ug/L			05/11/17 12:56	1
Styrene	1.0	U	1.0	0.27	ug/L			05/11/17 12:56	1
Bromoform	1.0	U	1.0	0.43	ug/L			05/11/17 12:56	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			05/11/17 12:56	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.62	ug/L			05/11/17 12:56	1
1,3-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			05/11/17 12:56	1
1,4-Dichlorobenzene	1.0	U	1.0	0.46	ug/L			05/11/17 12:56	1
1,2-Dichlorobenzene	1.0	U	1.0	0.37	ug/L			05/11/17 12:56	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.1	ug/L			05/11/17 12:56	1
1,2,4-Trichlorobenzene	5.0	U	5.0	2.5	ug/L			05/11/17 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*80 - 120*		*05/11/17 12:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*81*		*73 - 131*		*05/11/17 12:56*	*1*
Dibromofluoromethane (Surr)	*92*		*80 - 122*		*05/11/17 12:56*	*1*

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138204-1

Client Sample ID: 6489-MW-1

Lab Sample ID: 680-138204-1
Matrix: Water

Date Collected: 04/30/17 12:57
Date Received: 05/02/17 09:50

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*05/11/17 12:56*	*1*

Client Sample ID: 6489-MW-2

Lab Sample ID: 680-138204-2
Matrix: Water

Date Collected: 04/30/17 13:44
Date Received: 05/02/17 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.60	ug/L			05/11/17 13:18	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/11/17 13:18	1
Vinyl chloride	1.0	U	1.0	0.50	ug/L			05/11/17 13:18	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/11/17 13:18	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/11/17 13:18	1
Trichlorofluoromethane	1.0	U	1.0	0.42	ug/L			05/11/17 13:18	1
1,1-Dichloroethene	1.0	U	1.0	0.36	ug/L			05/11/17 13:18	1
Acetone	10	U	10	7.0	ug/L			05/11/17 13:18	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/11/17 13:18	1
Methylene Chloride	5.0	U	5.0	2.5	ug/L			05/11/17 13:18	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.37	ug/L			05/11/17 13:18	1
Methyl tert-butyl ether	10	U	10	0.30	ug/L			05/11/17 13:18	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/11/17 13:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.41	ug/L			05/11/17 13:18	1
2-Butanone (MEK)	10	U	10	3.4	ug/L			05/11/17 13:18	1
Chloroform	**1.2**		1.0	0.50	ug/L			05/11/17 13:18	1
1,1,1-Trichloroethane	1.0	U	1.0	0.37	ug/L			05/11/17 13:18	1
Carbon tetrachloride	1.0	U	1.0	0.33	ug/L			05/11/17 13:18	1
Benzene	1.0	U	1.0	0.43	ug/L			05/11/17 13:18	1
1,2-Dichloroethane	1.0	U	1.0	0.50	ug/L			05/11/17 13:18	1
Trichloroethene	1.0	U	1.0	0.48	ug/L			05/11/17 13:18	1
1,2-Dichloropropane	1.0	U	1.0	0.67	ug/L			05/11/17 13:18	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/11/17 13:18	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.40	ug/L			05/11/17 13:18	1
4-Methyl-2-pentanone	10	U	10	2.1	ug/L			05/11/17 13:18	1
Toluene	1.0	U	1.0	0.48	ug/L			05/11/17 13:18	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.42	ug/L			05/11/17 13:18	1
1,1,2-Trichloroethane	1.0	U	1.0	0.33	ug/L			05/11/17 13:18	1
Tetrachloroethene	**7.2**		1.0	0.74	ug/L			05/11/17 13:18	1
2-Hexanone	10	U *	10	2.0	ug/L			05/11/17 13:18	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/11/17 13:18	1
1,2-Dibromoethane	1.0	U	1.0	0.44	ug/L			05/11/17 13:18	1
Chlorobenzene	1.0	U	1.0	0.26	ug/L			05/11/17 13:18	1
Ethylbenzene	1.0	U	1.0	0.33	ug/L			05/11/17 13:18	1
Xylenes, Total	1.0	U	1.0	0.23	ug/L			05/11/17 13:18	1
Styrene	1.0	U	1.0	0.27	ug/L			05/11/17 13:18	1
Bromoform	1.0	U	1.0	0.43	ug/L			05/11/17 13:18	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			05/11/17 13:18	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.62	ug/L			05/11/17 13:18	1
1,3-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			05/11/17 13:18	1
1,4-Dichlorobenzene	1.0	U	1.0	0.46	ug/L			05/11/17 13:18	1

Client Sample ID: 6489-MW-2

Lab Sample ID: 680-138204-2
Date Collected: 04/30/17 13:44
Matrix: Water
Date Received: 05/02/17 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	1.0	U	1.0	0.37	ug/L			05/11/17 13:18	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.1	ug/L			05/11/17 13:18	1
1,2,4-Trichlorobenzene	5.0	U	5.0	2.5	ug/L			05/11/17 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*80 - 120*		*05/11/17 13:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*82*		*73 - 131*		*05/11/17 13:18*	*1*
Dibromofluoromethane (Surr)	*92*		*80 - 122*		*05/11/17 13:18*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*05/11/17 13:18*	*1*

Client Sample ID: 6489-MW-3

Lab Sample ID: 680-138204-3
Date Collected: 04/30/17 14:36
Matrix: Water
Date Received: 05/02/17 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.60	ug/L			05/11/17 14:03	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/11/17 14:03	1
Vinyl chloride	1.0	U	1.0	0.50	ug/L			05/11/17 14:03	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/11/17 14:03	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/11/17 14:03	1
Trichlorofluoromethane	1.0	U	1.0	0.42	ug/L			05/11/17 14:03	1
1,1-Dichloroethene	1.0	U	1.0	0.36	ug/L			05/11/17 14:03	1
Acetone	10	U	10	7.0	ug/L			05/11/17 14:03	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/11/17 14:03	1
Methylene Chloride	5.0	U	5.0	2.5	ug/L			05/11/17 14:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.37	ug/L			05/11/17 14:03	1
Methyl tert-butyl ether	10	U	10	0.30	ug/L			05/11/17 14:03	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/11/17 14:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.41	ug/L			05/11/17 14:03	1
2-Butanone (MEK)	10	U	10	3.4	ug/L			05/11/17 14:03	1
Chloroform	1.0	U	1.0	0.50	ug/L			05/11/17 14:03	1
1,1,1-Trichloroethane	1.0	U	1.0	0.37	ug/L			05/11/17 14:03	1
Carbon tetrachloride	1.0	U	1.0	0.33	ug/L			05/11/17 14:03	1
Benzene	1.0	U	1.0	0.43	ug/L			05/11/17 14:03	1
1,2-Dichloroethane	1.0	U	1.0	0.50	ug/L			05/11/17 14:03	1
Trichloroethene	1.0	U	1.0	0.48	ug/L			05/11/17 14:03	1
1,2-Dichloropropane	1.0	U	1.0	0.67	ug/L			05/11/17 14:03	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/11/17 14:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.40	ug/L			05/11/17 14:03	1
4-Methyl-2-pentanone	10	U	10	2.1	ug/L			05/11/17 14:03	1
Toluene	1.0	U	1.0	0.48	ug/L			05/11/17 14:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.42	ug/L			05/11/17 14:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.33	ug/L			05/11/17 14:03	1
Tetrachloroethene	1.0	U	1.0	0.74	ug/L			05/11/17 14:03	1
2-Hexanone	10	U *	10	2.0	ug/L			05/11/17 14:03	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/11/17 14:03	1
1,2-Dibromoethane	1.0	U	1.0	0.44	ug/L			05/11/17 14:03	1
Chlorobenzene	1.0	U	1.0	0.26	ug/L			05/11/17 14:03	1
Ethylbenzene	1.0	U	1.0	0.33	ug/L			05/11/17 14:03	1

Client Sample ID: 6489-MW-3

Lab Sample ID: 680-138204-3
Date Collected: 04/30/17 14:36
Matrix: Water
Date Received: 05/02/17 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	1.0	U	1.0	0.23	ug/L			05/11/17 14:03	1
Styrene	1.0	U	1.0	0.27	ug/L			05/11/17 14:03	1
Bromoform	1.0	U	1.0	0.43	ug/L			05/11/17 14:03	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			05/11/17 14:03	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.62	ug/L			05/11/17 14:03	1
1,3-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			05/11/17 14:03	1
1,4-Dichlorobenzene	1.0	U	1.0	0.46	ug/L			05/11/17 14:03	1
1,2-Dichlorobenzene	1.0	U	1.0	0.37	ug/L			05/11/17 14:03	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.1	ug/L			05/11/17 14:03	1
1,2,4-Trichlorobenzene	5.0	U	5.0	2.5	ug/L			05/11/17 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*80 - 120*		*05/11/17 14:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*73 - 131*		*05/11/17 14:03*	*1*
Dibromofluoromethane (Surr)	*93*		*80 - 122*		*05/11/17 14:03*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*05/11/17 14:03*	*1*

Client Sample ID: 6489-MW-4

Lab Sample ID: 680-138204-4
Date Collected: 04/30/17 16:26
Matrix: Water
Date Received: 05/02/17 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	10	U	10	6.0	ug/L			05/11/17 14:25	10
Chloromethane	10	U	10	4.0	ug/L			05/11/17 14:25	10
Vinyl chloride	**170**		10	5.0	ug/L			05/11/17 14:25	10
Bromomethane	50	U	50	25	ug/L			05/11/17 14:25	10
Chloroethane	50	U	50	25	ug/L			05/11/17 14:25	10
Trichlorofluoromethane	10	U	10	4.2	ug/L			05/11/17 14:25	10
1,1-Dichloroethene	10	U	10	3.6	ug/L			05/11/17 14:25	10
Acetone	100	U	100	70	ug/L			05/11/17 14:25	10
Carbon disulfide	20	U	20	10	ug/L			05/11/17 14:25	10
Methylene Chloride	50	U	50	25	ug/L			05/11/17 14:25	10
trans-1,2-Dichloroethene	**8.0**	**J**	10	3.7	ug/L			05/11/17 14:25	10
Methyl tert-butyl ether	100	U	100	3.0	ug/L			05/11/17 14:25	10
1,1-Dichloroethane	10	U	10	3.8	ug/L			05/11/17 14:25	10
cis-1,2-Dichloroethene	**690**		10	4.1	ug/L			05/11/17 14:25	10
2-Butanone (MEK)	100	U	100	34	ug/L			05/11/17 14:25	10
Chloroform	10	U	10	5.0	ug/L			05/11/17 14:25	10
1,1,1-Trichloroethane	10	U	10	3.7	ug/L			05/11/17 14:25	10
Carbon tetrachloride	10	U	10	3.3	ug/L			05/11/17 14:25	10
Benzene	10	U	10	4.3	ug/L			05/11/17 14:25	10
1,2-Dichloroethane	10	U	10	5.0	ug/L			05/11/17 14:25	10
Trichloroethene	**270**		10	4.8	ug/L			05/11/17 14:25	10
1,2-Dichloropropane	10	U	10	6.7	ug/L			05/11/17 14:25	10
Bromodichloromethane	10	U	10	4.4	ug/L			05/11/17 14:25	10
cis-1,3-Dichloropropene	10	U	10	4.0	ug/L			05/11/17 14:25	10
4-Methyl-2-pentanone	100	U	100	21	ug/L			05/11/17 14:25	10
Toluene	10	U	10	4.8	ug/L			05/11/17 14:25	10
trans-1,3-Dichloropropene	10	U	10	4.2	ug/L			05/11/17 14:25	10

Client Sample ID: 6489-MW-4

Lab Sample ID: 680-138204-4
Date Collected: 04/30/17 16:26
Matrix: Water
Date Received: 05/02/17 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	10	U	10	3.3	ug/L			05/11/17 14:25	10
2-Hexanone	100	U *	100	20	ug/L			05/11/17 14:25	10
Dibromochloromethane	10	U	10	3.2	ug/L			05/11/17 14:25	10
1,2-Dibromoethane	10	U	10	4.4	ug/L			05/11/17 14:25	10
Chlorobenzene	10	U	10	2.6	ug/L			05/11/17 14:25	10
Ethylbenzene	10	U	10	3.3	ug/L			05/11/17 14:25	10
Xylenes, Total	10	U	10	2.3	ug/L			05/11/17 14:25	10
Styrene	10	U	10	2.7	ug/L			05/11/17 14:25	10
Bromoform	10	U	10	4.3	ug/L			05/11/17 14:25	10
Isopropylbenzene	10	U	10	3.5	ug/L			05/11/17 14:25	10
1,1,2,2-Tetrachloroethane	10	U	10	6.2	ug/L			05/11/17 14:25	10
1,3-Dichlorobenzene	10	U	10	4.3	ug/L			05/11/17 14:25	10
1,4-Dichlorobenzene	10	U	10	4.6	ug/L			05/11/17 14:25	10
1,2-Dichlorobenzene	10	U	10	3.7	ug/L			05/11/17 14:25	10
1,2-Dibromo-3-Chloropropane	50	U	50	11	ug/L			05/11/17 14:25	10
1,2,4-Trichlorobenzene	50	U	50	25	ug/L			05/11/17 14:25	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*80 - 120*		*05/11/17 14:25*	*10*
1,2-Dichloroethane-d4 (Surr)	*83*		*73 - 131*		*05/11/17 14:25*	*10*
Dibromofluoromethane (Surr)	*93*		*80 - 122*		*05/11/17 14:25*	*10*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*05/11/17 14:25*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**9500**		100	74	ug/L			05/12/17 13:05	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*80 - 120*		*05/12/17 13:05*	*100*
1,2-Dichloroethane-d4 (Surr)	*79*		*73 - 131*		*05/12/17 13:05*	*100*
Dibromofluoromethane (Surr)	*93*		*80 - 122*		*05/12/17 13:05*	*100*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*05/12/17 13:05*	*100*

Client Sample ID: 6489-MW-5

Lab Sample ID: 680-138204-5
Date Collected: 04/30/17 15:38
Matrix: Water
Date Received: 05/02/17 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.0	U	2.0	1.2	ug/L			05/11/17 14:47	2
Chloromethane	2.0	U	2.0	0.80	ug/L			05/11/17 14:47	2
Vinyl chloride	**210**		2.0	1.0	ug/L			05/11/17 14:47	2
Bromomethane	10	U	10	5.0	ug/L			05/11/17 14:47	2
Chloroethane	10	U	10	5.0	ug/L			05/11/17 14:47	2
Trichlorofluoromethane	2.0	U	2.0	0.84	ug/L			05/11/17 14:47	2
1,1-Dichloroethene	**1.3**	**J**	2.0	0.72	ug/L			05/11/17 14:47	2
Acetone	20	U	20	14	ug/L			05/11/17 14:47	2
Carbon disulfide	4.0	U	4.0	2.0	ug/L			05/11/17 14:47	2
Methylene Chloride	10	U	10	5.0	ug/L			05/11/17 14:47	2
trans-1,2-Dichloroethene	**4.5**		2.0	0.74	ug/L			05/11/17 14:47	2

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138204-1

Client Sample ID: 6489-MW-5

Date Collected: 04/30/17 15:38
Date Received: 05/02/17 09:50

Lab Sample ID: 680-138204-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	20	U	20	0.60	ug/L			05/11/17 14:47	2
1,1-Dichloroethane	2.0	U	2.0	0.76	ug/L			05/11/17 14:47	2
2-Butanone (MEK)	20	U	20	6.8	ug/L			05/11/17 14:47	2
Chloroform	2.0	U	2.0	1.0	ug/L			05/11/17 14:47	2
1,1,1-Trichloroethane	2.0	U	2.0	0.74	ug/L			05/11/17 14:47	2
Carbon tetrachloride	2.0	U	2.0	0.66	ug/L			05/11/17 14:47	2
Benzene	2.0	U	2.0	0.86	ug/L			05/11/17 14:47	2
1,2-Dichloroethane	2.0	U	2.0	1.0	ug/L			05/11/17 14:47	2
Trichloroethene	**37**		2.0	0.96	ug/L			05/11/17 14:47	2
1,2-Dichloropropane	2.0	U	2.0	1.3	ug/L			05/11/17 14:47	2
Bromodichloromethane	2.0	U	2.0	0.88	ug/L			05/11/17 14:47	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.80	ug/L			05/11/17 14:47	2
4-Methyl-2-pentanone	20	U	20	4.2	ug/L			05/11/17 14:47	2
Toluene	2.0	U	2.0	0.96	ug/L			05/11/17 14:47	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.84	ug/L			05/11/17 14:47	2
1,1,2-Trichloroethane	2.0	U	2.0	0.66	ug/L			05/11/17 14:47	2
2-Hexanone	20	U *	20	4.0	ug/L			05/11/17 14:47	2
Dibromochloromethane	2.0	U	2.0	0.64	ug/L			05/11/17 14:47	2
1,2-Dibromoethane	2.0	U	2.0	0.88	ug/L			05/11/17 14:47	2
Chlorobenzene	2.0	U	2.0	0.52	ug/L			05/11/17 14:47	2
Ethylbenzene	2.0	U	2.0	0.66	ug/L			05/11/17 14:47	2
Xylenes, Total	2.0	U	2.0	0.46	ug/L			05/11/17 14:47	2
Styrene	2.0	U	2.0	0.54	ug/L			05/11/17 14:47	2
Bromoform	2.0	U	2.0	0.86	ug/L			05/11/17 14:47	2
Isopropylbenzene	2.0	U	2.0	0.70	ug/L			05/11/17 14:47	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	1.2	ug/L			05/11/17 14:47	2
1,3-Dichlorobenzene	2.0	U	2.0	0.86	ug/L			05/11/17 14:47	2
1,4-Dichlorobenzene	2.0	U	2.0	0.92	ug/L			05/11/17 14:47	2
1,2-Dichlorobenzene	2.0	U	2.0	0.74	ug/L			05/11/17 14:47	2
1,2-Dibromo-3-Chloropropane	10	U	10	2.2	ug/L			05/11/17 14:47	2
1,2,4-Trichlorobenzene	10	U	10	5.0	ug/L			05/11/17 14:47	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*80 - 120*		*05/11/17 14:47*	*2*
1,2-Dichloroethane-d4 (Surr)	*82*		*73 - 131*		*05/11/17 14:47*	*2*
Dibromofluoromethane (Surr)	*92*		*80 - 122*		*05/11/17 14:47*	*2*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*		*05/11/17 14:47*	*2*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**990**		10	4.1	ug/L			05/12/17 13:31	10
Tetrachloroethene	**36**		10	7.4	ug/L			05/12/17 13:31	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*80 - 120*		*05/12/17 13:31*	*10*
1,2-Dichloroethane-d4 (Surr)	*82*		*73 - 131*		*05/12/17 13:31*	*10*
Dibromofluoromethane (Surr)	*91*		*80 - 122*		*05/12/17 13:31*	*10*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*05/12/17 13:31*	*10*

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138204-1

Client Sample ID: 6489-DUP-4

Date Collected: 04/30/17 00:00
Date Received: 05/02/17 09:50

Lab Sample ID: 680-138204-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	10	U	10	6.0	ug/L			05/11/17 15:09	10
Chloromethane	10	U	10	4.0	ug/L			05/11/17 15:09	10
Vinyl chloride	**140**		10	5.0	ug/L			05/11/17 15:09	10
Bromomethane	50	U	50	25	ug/L			05/11/17 15:09	10
Chloroethane	50	U	50	25	ug/L			05/11/17 15:09	10
Trichlorofluoromethane	10	U	10	4.2	ug/L			05/11/17 15:09	10
1,1-Dichloroethene	10	U	10	3.6	ug/L			05/11/17 15:09	10
Acetone	100	U	100	70	ug/L			05/11/17 15:09	10
Carbon disulfide	20	U	20	10	ug/L			05/11/17 15:09	10
Methylene Chloride	50	U	50	25	ug/L			05/11/17 15:09	10
trans-1,2-Dichloroethene	**8.4**	**J**	10	3.7	ug/L			05/11/17 15:09	10
Methyl tert-butyl ether	100	U	100	3.0	ug/L			05/11/17 15:09	10
1,1-Dichloroethane	10	U	10	3.8	ug/L			05/11/17 15:09	10
2-Butanone (MEK)	100	U	100	34	ug/L			05/11/17 15:09	10
Chloroform	10	U	10	5.0	ug/L			05/11/17 15:09	10
1,1,1-Trichloroethane	10	U	10	3.7	ug/L			05/11/17 15:09	10
Carbon tetrachloride	10	U	10	3.3	ug/L			05/11/17 15:09	10
Benzene	10	U	10	4.3	ug/L			05/11/17 15:09	10
1,2-Dichloroethane	10	U	10	5.0	ug/L			05/11/17 15:09	10
Trichloroethene	**280**		10	4.8	ug/L			05/11/17 15:09	10
1,2-Dichloropropane	10	U	10	6.7	ug/L			05/11/17 15:09	10
Bromodichloromethane	10	U	10	4.4	ug/L			05/11/17 15:09	10
cis-1,3-Dichloropropene	10	U	10	4.0	ug/L			05/11/17 15:09	10
4-Methyl-2-pentanone	100	U	100	21	ug/L			05/11/17 15:09	10
Toluene	10	U	10	4.8	ug/L			05/11/17 15:09	10
trans-1,3-Dichloropropene	10	U	10	4.2	ug/L			05/11/17 15:09	10
1,1,2-Trichloroethane	10	U	10	3.3	ug/L			05/11/17 15:09	10
2-Hexanone	100	U *	100	20	ug/L			05/11/17 15:09	10
Dibromochloromethane	10	U	10	3.2	ug/L			05/11/17 15:09	10
1,2-Dibromoethane	10	U	10	4.4	ug/L			05/11/17 15:09	10
Chlorobenzene	10	U	10	2.6	ug/L			05/11/17 15:09	10
Ethylbenzene	10	U	10	3.3	ug/L			05/11/17 15:09	10
Xylenes, Total	10	U	10	2.3	ug/L			05/11/17 15:09	10
Styrene	10	U	10	2.7	ug/L			05/11/17 15:09	10
Bromoform	10	U	10	4.3	ug/L			05/11/17 15:09	10
Isopropylbenzene	10	U	10	3.5	ug/L			05/11/17 15:09	10
1,1,2,2-Tetrachloroethane	10	U	10	6.2	ug/L			05/11/17 15:09	10
1,3-Dichlorobenzene	10	U	10	4.3	ug/L			05/11/17 15:09	10
1,4-Dichlorobenzene	10	U	10	4.6	ug/L			05/11/17 15:09	10
1,2-Dichlorobenzene	10	U	10	3.7	ug/L			05/11/17 15:09	10
1,2-Dibromo-3-Chloropropane	50	U	50	11	ug/L			05/11/17 15:09	10
1,2,4-Trichlorobenzene	50	U	50	25	ug/L			05/11/17 15:09	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*80 - 120*		*05/11/17 15:09*	*10*
1,2-Dichloroethane-d4 (Surr)	*83*		*73 - 131*		*05/11/17 15:09*	*10*
Dibromofluoromethane (Surr)	*92*		*80 - 122*		*05/11/17 15:09*	*10*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*05/11/17 15:09*	*10*

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138204-1

Client Sample ID: 6489-DUP-4

Lab Sample ID: 680-138204-6
Date Collected: 04/30/17 00:00
Matrix: Water
Date Received: 05/02/17 09:50

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	840		100	41	ug/L			05/12/17 13:56	100
Tetrachloroethene	10000		100	74	ug/L			05/12/17 13:56	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*80 - 120*		*05/12/17 13:56*	*100*
1,2-Dichloroethane-d4 (Surr)	*81*		*73 - 131*		*05/12/17 13:56*	*100*
Dibromofluoromethane (Surr)	*98*		*80 - 122*		*05/12/17 13:56*	*100*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*05/12/17 13:56*	*100*

Client Sample ID: 6489-EB-1

Lab Sample ID: 680-138204-7
Date Collected: 04/30/17 17:45
Matrix: Water
Date Received: 05/02/17 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.60	ug/L			05/12/17 12:39	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/12/17 12:39	1
Vinyl chloride	1.0	U	1.0	0.50	ug/L			05/12/17 12:39	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/12/17 12:39	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/12/17 12:39	1
Trichlorofluoromethane	1.0	U	1.0	0.42	ug/L			05/12/17 12:39	1
1,1-Dichloroethene	1.0	U	1.0	0.36	ug/L			05/12/17 12:39	1
Acetone	10	U	10	7.0	ug/L			05/12/17 12:39	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/12/17 12:39	1
Methylene Chloride	5.0	U	5.0	2.5	ug/L			05/12/17 12:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.37	ug/L			05/12/17 12:39	1
Methyl tert-butyl ether	10	U	10	0.30	ug/L			05/12/17 12:39	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/12/17 12:39	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.41	ug/L			05/12/17 12:39	1
2-Butanone (MEK)	10	U	10	3.4	ug/L			05/12/17 12:39	1
Chloroform	1.0	U *	1.0	0.50	ug/L			05/12/17 12:39	1
1,1,1-Trichloroethane	1.0	U	1.0	0.37	ug/L			05/12/17 12:39	1
Carbon tetrachloride	1.0	U	1.0	0.33	ug/L			05/12/17 12:39	1
Benzene	1.0	U	1.0	0.43	ug/L			05/12/17 12:39	1
1,2-Dichloroethane	1.0	U	1.0	0.50	ug/L			05/12/17 12:39	1
Trichloroethene	1.0	U	1.0	0.48	ug/L			05/12/17 12:39	1
1,2-Dichloropropane	1.0	U	1.0	0.67	ug/L			05/12/17 12:39	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/12/17 12:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.40	ug/L			05/12/17 12:39	1
4-Methyl-2-pentanone	10	U	10	2.1	ug/L			05/12/17 12:39	1
Toluene	1.0	U	1.0	0.48	ug/L			05/12/17 12:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.42	ug/L			05/12/17 12:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.33	ug/L			05/12/17 12:39	1
Tetrachloroethene	1.0	U	1.0	0.74	ug/L			05/12/17 12:39	1
2-Hexanone	10	U	10	2.0	ug/L			05/12/17 12:39	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/12/17 12:39	1
1,2-Dibromoethane	1.0	U	1.0	0.44	ug/L			05/12/17 12:39	1
Chlorobenzene	1.0	U	1.0	0.26	ug/L			05/12/17 12:39	1
Ethylbenzene	1.0	U	1.0	0.33	ug/L			05/12/17 12:39	1
Xylenes, Total	1.0	U	1.0	0.23	ug/L			05/12/17 12:39	1

Client Sample ID: 6489-EB-1

Lab Sample ID: 680-138204-7

Date Collected: 04/30/17 17:45
Matrix: Water
Date Received: 05/02/17 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.27	ug/L			05/12/17 12:39	1
Bromoform	1.0	U	1.0	0.43	ug/L			05/12/17 12:39	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			05/12/17 12:39	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.62	ug/L			05/12/17 12:39	1
1,3-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			05/12/17 12:39	1
1,4-Dichlorobenzene	1.0	U	1.0	0.46	ug/L			05/12/17 12:39	1
1,2-Dichlorobenzene	1.0	U	1.0	0.37	ug/L			05/12/17 12:39	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.1	ug/L			05/12/17 12:39	1
1,2,4-Trichlorobenzene	5.0	U	5.0	2.5	ug/L			05/12/17 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*80 - 120*		*05/12/17 12:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*79*		*73 - 131*		*05/12/17 12:39*	*1*
Dibromofluoromethane (Surr)	*92*		*80 - 122*		*05/12/17 12:39*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*05/12/17 12:39*	*1*

Client Sample ID: 6489-TB

Lab Sample ID: 680-138204-8

Date Collected: 04/30/17 00:00
Matrix: Water
Date Received: 05/02/17 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.60	ug/L			05/11/17 15:54	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/11/17 15:54	1
Vinyl chloride	1.0	U	1.0	0.50	ug/L			05/11/17 15:54	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/11/17 15:54	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/11/17 15:54	1
Trichlorofluoromethane	1.0	U	1.0	0.42	ug/L			05/11/17 15:54	1
1,1-Dichloroethene	1.0	U	1.0	0.36	ug/L			05/11/17 15:54	1
Acetone	10	U	10	7.0	ug/L			05/11/17 15:54	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/11/17 15:54	1
Methylene Chloride	5.0	U	5.0	2.5	ug/L			05/11/17 15:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.37	ug/L			05/11/17 15:54	1
Methyl tert-butyl ether	10	U	10	0.30	ug/L			05/11/17 15:54	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/11/17 15:54	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.41	ug/L			05/11/17 15:54	1
2-Butanone (MEK)	10	U	10	3.4	ug/L			05/11/17 15:54	1
Chloroform	1.0	U	1.0	0.50	ug/L			05/11/17 15:54	1
1,1,1-Trichloroethane	1.0	U	1.0	0.37	ug/L			05/11/17 15:54	1
Carbon tetrachloride	1.0	U	1.0	0.33	ug/L			05/11/17 15:54	1
Benzene	1.0	U	1.0	0.43	ug/L			05/11/17 15:54	1
1,2-Dichloroethane	1.0	U	1.0	0.50	ug/L			05/11/17 15:54	1
Trichloroethene	1.0	U	1.0	0.48	ug/L			05/11/17 15:54	1
1,2-Dichloropropane	1.0	U	1.0	0.67	ug/L			05/11/17 15:54	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/11/17 15:54	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.40	ug/L			05/11/17 15:54	1
4-Methyl-2-pentanone	10	U	10	2.1	ug/L			05/11/17 15:54	1
Toluene	1.0	U	1.0	0.48	ug/L			05/11/17 15:54	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.42	ug/L			05/11/17 15:54	1
1,1,2-Trichloroethane	1.0	U	1.0	0.33	ug/L			05/11/17 15:54	1

Client Sample Results

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138204-1

Client Sample ID: 6489-TB

Date Collected: 04/30/17 00:00
Date Received: 05/02/17 09:50

Lab Sample ID: 680-138204-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1.0	U	1.0	0.74	ug/L			05/11/17 15:54	1
2-Hexanone	10	U *	10	2.0	ug/L			05/11/17 15:54	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/11/17 15:54	1
1,2-Dibromoethane	1.0	U	1.0	0.44	ug/L			05/11/17 15:54	1
Chlorobenzene	1.0	U	1.0	0.26	ug/L			05/11/17 15:54	1
Ethylbenzene	1.0	U	1.0	0.33	ug/L			05/11/17 15:54	1
Xylenes, Total	1.0	U	1.0	0.23	ug/L			05/11/17 15:54	1
Styrene	1.0	U	1.0	0.27	ug/L			05/11/17 15:54	1
Bromoform	1.0	U	1.0	0.43	ug/L			05/11/17 15:54	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			05/11/17 15:54	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.62	ug/L			05/11/17 15:54	1
1,3-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			05/11/17 15:54	1
1,4-Dichlorobenzene	1.0	U	1.0	0.46	ug/L			05/11/17 15:54	1
1,2-Dichlorobenzene	1.0	U	1.0	0.37	ug/L			05/11/17 15:54	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.1	ug/L			05/11/17 15:54	1
1,2,4-Trichlorobenzene	5.0	U	5.0	2.5	ug/L			05/11/17 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*80 - 120*		*05/11/17 15:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*85*		*73 - 131*		*05/11/17 15:54*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 122*		*05/11/17 15:54*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*05/11/17 15:54*	*1*

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

Lab Sample ID: MB 680-479400/9
Matrix: Water
Analysis Batch: 479400

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.60	ug/L			05/11/17 10:43	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/11/17 10:43	1
Vinyl chloride	1.0	U	1.0	0.50	ug/L			05/11/17 10:43	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/11/17 10:43	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/11/17 10:43	1
Trichlorofluoromethane	1.0	U	1.0	0.42	ug/L			05/11/17 10:43	1
1,1-Dichloroethene	1.0	U	1.0	0.36	ug/L			05/11/17 10:43	1
Acetone	10	U	10	7.0	ug/L			05/11/17 10:43	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/11/17 10:43	1
Methylene Chloride	5.0	U	5.0	2.5	ug/L			05/11/17 10:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.37	ug/L			05/11/17 10:43	1
Methyl tert-butyl ether	10	U	10	0.30	ug/L			05/11/17 10:43	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/11/17 10:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.41	ug/L			05/11/17 10:43	1
2-Butanone (MEK)	10	U	10	3.4	ug/L			05/11/17 10:43	1
Chloroform	1.0	U	1.0	0.50	ug/L			05/11/17 10:43	1
1,1,1-Trichloroethane	1.0	U	1.0	0.37	ug/L			05/11/17 10:43	1
Carbon tetrachloride	1.0	U	1.0	0.33	ug/L			05/11/17 10:43	1
Benzene	1.0	U	1.0	0.43	ug/L			05/11/17 10:43	1
1,2-Dichloroethane	1.0	U	1.0	0.50	ug/L			05/11/17 10:43	1
Trichloroethene	1.0	U	1.0	0.48	ug/L			05/11/17 10:43	1
1,2-Dichloropropane	1.0	U	1.0	0.67	ug/L			05/11/17 10:43	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/11/17 10:43	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.40	ug/L			05/11/17 10:43	1
4-Methyl-2-pentanone	10	U	10	2.1	ug/L			05/11/17 10:43	1
Toluene	1.0	U	1.0	0.48	ug/L			05/11/17 10:43	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.42	ug/L			05/11/17 10:43	1
1,1,2-Trichloroethane	1.0	U	1.0	0.33	ug/L			05/11/17 10:43	1
Tetrachloroethene	1.0	U	1.0	0.74	ug/L			05/11/17 10:43	1
2-Hexanone	10	U	10	2.0	ug/L			05/11/17 10:43	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/11/17 10:43	1
1,2-Dibromoethane	1.0	U	1.0	0.44	ug/L			05/11/17 10:43	1
Chlorobenzene	1.0	U	1.0	0.26	ug/L			05/11/17 10:43	1
Ethylbenzene	1.0	U	1.0	0.33	ug/L			05/11/17 10:43	1
Xylenes, Total	1.0	U	1.0	0.23	ug/L			05/11/17 10:43	1
Styrene	1.0	U	1.0	0.27	ug/L			05/11/17 10:43	1
Bromoform	1.0	U	1.0	0.43	ug/L			05/11/17 10:43	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			05/11/17 10:43	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.62	ug/L			05/11/17 10:43	1
1,3-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			05/11/17 10:43	1
1,4-Dichlorobenzene	1.0	U	1.0	0.46	ug/L			05/11/17 10:43	1
1,2-Dichlorobenzene	1.0	U	1.0	0.37	ug/L			05/11/17 10:43	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.1	ug/L			05/11/17 10:43	1
1,2,4-Trichlorobenzene	5.0	U	5.0	2.5	ug/L			05/11/17 10:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*80 - 120*		*05/11/17 10:43*	*1*

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

Lab Sample ID: MB 680-479400/9
Matrix: Water
Analysis Batch: 479400

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		73 - 131		05/11/17 10:43	1
Dibromofluoromethane (Surr)	94		80 - 122		05/11/17 10:43	1
4-Bromofluorobenzene (Surr)	92		80 - 120		05/11/17 10:43	1

Lab Sample ID: LCS 680-479400/3
Matrix: Water
Analysis Batch: 479400

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	58.6		ug/L		117	70 - 137
Chloromethane	50.0	48.1		ug/L		96	76 - 149
Vinyl chloride	50.0	54.5		ug/L		109	80 - 129
Bromomethane	50.0	57.5		ug/L		115	43 - 146
Chloroethane	50.0	50.2		ug/L		100	48 - 145
Trichlorofluoromethane	50.0	52.3		ug/L		105	58 - 127
1,1-Dichloroethene	50.0	49.9		ug/L		100	80 - 120
Acetone	250	220		ug/L		88	68 - 132
Carbon disulfide	50.0	49.8		ug/L		100	77 - 129
Methylene Chloride	50.0	48.0		ug/L		96	80 - 120
trans-1,2-Dichloroethene	50.0	52.1		ug/L		104	80 - 120
Methyl tert-butyl ether	50.0	45.7		ug/L		91	80 - 122
1,1-Dichloroethane	50.0	47.4		ug/L		95	80 - 120
cis-1,2-Dichloroethene	50.0	46.2		ug/L		92	80 - 120
2-Butanone (MEK)	250	223		ug/L		89	79 - 125
Chloroform	50.0	47.6		ug/L		95	80 - 120
1,1,1-Trichloroethane	50.0	47.3		ug/L		95	80 - 120
Carbon tetrachloride	50.0	47.6		ug/L		95	67 - 125
Benzene	50.0	50.2		ug/L		100	80 - 120
1,2-Dichloroethane	50.0	43.4		ug/L		87	72 - 128
Trichloroethene	50.0	51.1		ug/L		102	80 - 120
1,2-Dichloropropane	50.0	48.0		ug/L		96	80 - 120
Bromodichloromethane	50.0	47.1		ug/L		94	80 - 120
cis-1,3-Dichloropropene	50.0	47.2		ug/L		94	80 - 129
4-Methyl-2-pentanone	250	204		ug/L		82	80 - 134
Toluene	50.0	51.1		ug/L		102	80 - 120
trans-1,3-Dichloropropene	50.0	44.2		ug/L		88	80 - 128
1,1,2-Trichloroethane	50.0	47.6		ug/L		95	80 - 120
Tetrachloroethene	50.0	51.9		ug/L		104	71 - 123
2-Hexanone	250	196	*	ug/L		78	80 - 131
Dibromochloromethane	50.0	45.9		ug/L		92	68 - 120
1,2-Dibromoethane	50.0	47.0		ug/L		94	75 - 126
Chlorobenzene	50.0	53.0		ug/L		106	80 - 120
Ethylbenzene	50.0	52.7		ug/L		105	80 - 120
Xylenes, Total	100	103		ug/L		103	80 - 120
Styrene	50.0	54.2		ug/L		108	80 - 126
Bromoform	50.0	46.2		ug/L		92	52 - 122
Isopropylbenzene	50.0	53.1		ug/L		106	79 - 126
1,1,2,2-Tetrachloroethane	50.0	49.5		ug/L		99	76 - 126

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

Lab Sample ID: LCS 680-479400/3
Matrix: Water
Analysis Batch: 479400

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	50.0	50.2		ug/L		100	80 - 120
1,4-Dichlorobenzene	50.0	50.4		ug/L		101	80 - 120
1,2-Dichlorobenzene	50.0	51.5		ug/L		103	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	48.9		ug/L		98	74 - 120
1,2,4-Trichlorobenzene	50.0	49.4		ug/L		99	71 - 126

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*104*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*82*		*73 - 131*
Dibromofluoromethane (Surr)	*94*		*80 - 122*
4-Bromofluorobenzene (Surr)	*89*		*80 - 120*

Lab Sample ID: LCSD 680-479400/4
Matrix: Water
Analysis Batch: 479400

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	50.0	53.6		ug/L		107	70 - 137	9	40
Chloromethane	50.0	50.1		ug/L		100	76 - 149	4	30
Vinyl chloride	50.0	53.7		ug/L		107	80 - 129	1	20
Bromomethane	50.0	61.7		ug/L		123	43 - 146	7	20
Chloroethane	50.0	49.3		ug/L		99	48 - 145	2	20
Trichlorofluoromethane	50.0	50.9		ug/L		102	58 - 127	3	20
1,1-Dichloroethene	50.0	48.4		ug/L		97	80 - 120	3	20
Acetone	250	240		ug/L		96	68 - 132	9	30
Carbon disulfide	50.0	48.1		ug/L		96	77 - 129	4	20
Methylene Chloride	50.0	48.6		ug/L		97	80 - 120	1	20
trans-1,2-Dichloroethene	50.0	51.3		ug/L		103	80 - 120	2	20
Methyl tert-butyl ether	50.0	48.4		ug/L		97	80 - 122	6	20
1,1-Dichloroethane	50.0	48.1		ug/L		96	80 - 120	1	20
cis-1,2-Dichloroethene	50.0	46.2		ug/L		92	80 - 120	0	20
2-Butanone (MEK)	250	241		ug/L		96	79 - 125	8	20
Chloroform	50.0	47.9		ug/L		96	80 - 120	1	20
1,1,1-Trichloroethane	50.0	46.6		ug/L		93	80 - 120	1	20
Carbon tetrachloride	50.0	45.9		ug/L		92	67 - 125	4	20
Benzene	50.0	50.4		ug/L		101	80 - 120	0	20
1,2-Dichloroethane	50.0	44.9		ug/L		90	72 - 128	3	50
Trichloroethene	50.0	50.2		ug/L		100	80 - 120	2	20
1,2-Dichloropropane	50.0	49.5		ug/L		99	80 - 120	3	20
Bromodichloromethane	50.0	48.4		ug/L		97	80 - 120	3	20
cis-1,3-Dichloropropene	50.0	49.5		ug/L		99	80 - 129	5	20
4-Methyl-2-pentanone	250	221		ug/L		89	80 - 134	8	20
Toluene	50.0	50.9		ug/L		102	80 - 120	0	20
trans-1,3-Dichloropropene	50.0	46.1		ug/L		92	80 - 128	4	30
1,1,2-Trichloroethane	50.0	50.8		ug/L		102	80 - 120	7	20
Tetrachloroethene	50.0	51.4		ug/L		103	71 - 123	1	20
2-Hexanone	250	217		ug/L		87	80 - 131	10	20
Dibromochloromethane	50.0	48.6		ug/L		97	68 - 120	6	20

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

Lab Sample ID: LCSD 680-479400/4
Matrix: Water
Analysis Batch: 479400

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane			50.0	51.2		ug/L		102	75 - 126	8	20
Chlorobenzene			50.0	53.4		ug/L		107	80 - 120	1	20
Ethylbenzene			50.0	52.4		ug/L		105	80 - 120	1	20
Xylenes, Total			100	103		ug/L		103	80 - 120	0	20
Styrene			50.0	54.8		ug/L		110	80 - 126	1	20
Bromoform			50.0	49.2		ug/L		98	52 - 122	6	20
Isopropylbenzene			50.0	52.8		ug/L		106	79 - 126	1	20
1,1,2,2-Tetrachloroethane			50.0	53.0		ug/L		106	76 - 126	7	20
1,3-Dichlorobenzene			50.0	51.0		ug/L		102	80 - 120	2	20
1,4-Dichlorobenzene			50.0	50.0		ug/L		100	80 - 120	1	20
1,2-Dichlorobenzene			50.0	51.8		ug/L		104	80 - 120	1	20
1,2-Dibromo-3-Chloropropane			50.0	51.1		ug/L		102	74 - 120	4	20
1,2,4-Trichlorobenzene			50.0	51.5		ug/L		103	71 - 126	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*87*		*73 - 131*
Dibromofluoromethane (Surr)	*97*		*80 - 122*
4-Bromofluorobenzene (Surr)	*91*		*80 - 120*

Lab Sample ID: 680-138204-1 MS
Matrix: Water
Analysis Batch: 479400

Client Sample ID: 6489-MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Dichlorodifluoromethane	1.0	U	50.0	53.4		ug/L		107	70 - 137		
Chloromethane	1.0	U	50.0	48.9		ug/L		98	76 - 149		
Vinyl chloride	1.0	U F2	50.0	54.7		ug/L		109	80 - 129		
Bromomethane	5.0	U	50.0	65.3		ug/L		131	43 - 146		
Chloroethane	5.0	U	50.0	49.1		ug/L		98	48 - 145		
Trichlorofluoromethane	1.0	U	50.0	50.1		ug/L		100	58 - 127		
1,1-Dichloroethene	1.0	U	50.0	50.4		ug/L		101	80 - 120		
Acetone	10	U	250	224		ug/L		90	68 - 132		
Carbon disulfide	2.0	U	50.0	49.1		ug/L		98	77 - 129		
Methylene Chloride	5.0	U	50.0	45.5		ug/L		91	80 - 120		
trans-1,2-Dichloroethene	1.0	U	50.0	51.3		ug/L		103	80 - 120		
Methyl tert-butyl ether	10	U	50.0	45.1		ug/L		90	80 - 122		
1,1-Dichloroethane	1.0	U	50.0	47.0		ug/L		94	80 - 120		
cis-1,2-Dichloroethene	1.0	U	50.0	44.6		ug/L		89	80 - 120		
2-Butanone (MEK)	10	U	250	220		ug/L		88	79 - 125		
Chloroform	1.0	U	50.0	46.7		ug/L		93	80 - 120		
1,1,1-Trichloroethane	1.0	U	50.0	46.6		ug/L		93	80 - 120		
Carbon tetrachloride	1.0	U	50.0	46.5		ug/L		93	67 - 125		
Benzene	1.0	U	50.0	49.9		ug/L		100	80 - 120		
1,2-Dichloroethane	1.0	U	50.0	41.7		ug/L		83	72 - 128		
Trichloroethene	1.0	U	50.0	50.1		ug/L		100	80 - 120		
1,2-Dichloropropane	1.0	U	50.0	46.2		ug/L		92	80 - 120		
Bromodichloromethane	1.0	U	50.0	45.0		ug/L		90	80 - 120		

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

Lab Sample ID: 680-138204-1 MS
Matrix: Water
Analysis Batch: 479400

Client Sample ID: 6489-MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,3-Dichloropropene	1.0	U	50.0	43.7		ug/L		87	80 - 129
4-Methyl-2-pentanone	10	U	250	205		ug/L		82	80 - 134
Toluene	1.0	U	50.0	49.4		ug/L		99	80 - 120
trans-1,3-Dichloropropene	1.0	U	50.0	41.5		ug/L		83	80 - 128
1,1,2-Trichloroethane	1.0	U	50.0	47.2		ug/L		94	80 - 120
Tetrachloroethene	1.0	U	50.0	51.6		ug/L		103	71 - 123
2-Hexanone	10	U *	250	203		ug/L		81	80 - 131
Dibromochloromethane	1.0	U	50.0	44.0		ug/L		88	68 - 120
1,2-Dibromoethane	1.0	U	50.0	46.4		ug/L		93	75 - 126
Chlorobenzene	1.0	U	50.0	52.5		ug/L		105	80 - 120
Ethylbenzene	1.0	U	50.0	53.1		ug/L		106	80 - 120
Xylenes, Total	1.0	U	100	102		ug/L		102	80 - 120
Styrene	1.0	U	50.0	52.7		ug/L		105	80 - 126
Bromoform	1.0	U	50.0	45.4		ug/L		91	52 - 122
Isopropylbenzene	1.0	U	50.0	54.0		ug/L		108	79 - 126
1,1,2,2-Tetrachloroethane	1.0	U	50.0	50.9		ug/L		102	76 - 126
1,3-Dichlorobenzene	1.0	U	50.0	48.1		ug/L		96	80 - 120
1,4-Dichlorobenzene	1.0	U	50.0	47.6		ug/L		95	80 - 120
1,2-Dichlorobenzene	1.0	U	50.0	47.9		ug/L		96	80 - 120
1,2-Dibromo-3-Chloropropane	5.0	U	50.0	47.3		ug/L		95	74 - 120
1,2,4-Trichlorobenzene	5.0	U	50.0	44.1		ug/L		88	71 - 126

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*81*		*73 - 131*
Dibromofluoromethane (Surr)	*92*		*80 - 122*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*

Lab Sample ID: 680-138204-1 MSD
Matrix: Water
Analysis Batch: 479400

Client Sample ID: 6489-MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	1.0	U	50.0	53.1		ug/L		106	70 - 137	0	40
Chloromethane	1.0	U	50.0	48.8		ug/L		98	76 - 149	0	30
Vinyl chloride	1.0	U F2	50.0	44.2	F2	ug/L		88	80 - 129	21	20
Bromomethane	5.0	U	50.0	54.9		ug/L		110	43 - 146	17	20
Chloroethane	5.0	U	50.0	49.4		ug/L		99	48 - 145	1	20
Trichlorofluoromethane	1.0	U	50.0	53.3		ug/L		107	58 - 127	6	20
1,1-Dichloroethene	1.0	U	50.0	51.0		ug/L		102	80 - 120	1	20
Acetone	10	U	250	222		ug/L		89	68 - 132	1	30
Carbon disulfide	2.0	U	50.0	49.9		ug/L		100	77 - 129	2	20
Methylene Chloride	5.0	U	50.0	46.1		ug/L		92	80 - 120	1	20
trans-1,2-Dichloroethene	1.0	U	50.0	52.3		ug/L		105	80 - 120	2	20
Methyl tert-butyl ether	10	U	50.0	44.9		ug/L		90	80 - 122	0	20
1,1-Dichloroethane	1.0	U	50.0	47.0		ug/L		94	80 - 120	0	20
cis-1,2-Dichloroethene	1.0	U	50.0	44.3		ug/L		89	80 - 120	1	20
2-Butanone (MEK)	10	U	250	225		ug/L		90	79 - 125	2	20

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

Lab Sample ID: 680-138204-1 MSD
Matrix: Water
Analysis Batch: 479400

Client Sample ID: 6489-MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroform	1.0	U	50.0	46.8		ug/L		94	80 - 120	0	20
1,1,1-Trichloroethane	1.0	U	50.0	46.8		ug/L		94	80 - 120	1	20
Carbon tetrachloride	1.0	U	50.0	47.6		ug/L		95	67 - 125	2	20
Benzene	1.0	U	50.0	50.0		ug/L		100	80 - 120	0	20
1,2-Dichloroethane	1.0	U	50.0	41.2		ug/L		82	72 - 128	1	50
Trichloroethene	1.0	U	50.0	50.7		ug/L		101	80 - 120	1	20
1,2-Dichloropropane	1.0	U	50.0	47.2		ug/L		94	80 - 120	2	20
Bromodichloromethane	1.0	U	50.0	45.5		ug/L		91	80 - 120	1	20
cis-1,3-Dichloropropene	1.0	U	50.0	44.8		ug/L		90	80 - 129	3	20
4-Methyl-2-pentanone	10	U	250	206		ug/L		83	80 - 134	1	20
Toluene	1.0	U	50.0	50.8		ug/L		102	80 - 120	3	20
trans-1,3-Dichloropropene	1.0	U	50.0	41.9		ug/L		84	80 - 128	1	30
1,1,2-Trichloroethane	1.0	U	50.0	46.6		ug/L		93	80 - 120	1	20
Tetrachloroethene	1.0	U	50.0	52.3		ug/L		105	71 - 123	1	20
2-Hexanone	10	U *	250	202		ug/L		81	80 - 131	1	20
Dibromochloromethane	1.0	U	50.0	45.2		ug/L		90	68 - 120	3	20
1,2-Dibromoethane	1.0	U	50.0	46.9		ug/L		94	75 - 126	1	20
Chlorobenzene	1.0	U	50.0	53.0		ug/L		106	80 - 120	1	20
Ethylbenzene	1.0	U	50.0	53.6		ug/L		107	80 - 120	1	20
Xylenes, Total	1.0	U	100	105		ug/L		105	80 - 120	2	20
Styrene	1.0	U	50.0	53.8		ug/L		108	80 - 126	2	20
Bromoform	1.0	U	50.0	45.6		ug/L		91	52 - 122	0	20
Isopropylbenzene	1.0	U	50.0	54.8		ug/L		110	79 - 126	1	20
1,1,2,2-Tetrachloroethane	1.0	U	50.0	51.4		ug/L		103	76 - 126	1	20
1,3-Dichlorobenzene	1.0	U	50.0	50.0		ug/L		100	80 - 120	4	20
1,4-Dichlorobenzene	1.0	U	50.0	49.3		ug/L		99	80 - 120	3	20
1,2-Dichlorobenzene	1.0	U	50.0	49.6		ug/L		99	80 - 120	4	20
1,2-Dibromo-3-Chloropropane	5.0	U	50.0	48.5		ug/L		97	74 - 120	2	20
1,2,4-Trichlorobenzene	5.0	U	50.0	48.6		ug/L		97	71 - 126	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*103*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*80*		*73 - 131*
Dibromofluoromethane (Surr)	*93*		*80 - 122*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*

Lab Sample ID: MB 680-479607/8
Matrix: Water
Analysis Batch: 479607

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.60	ug/L			05/12/17 12:14	1
Chloromethane	1.0	U	1.0	0.40	ug/L			05/12/17 12:14	1
Vinyl chloride	1.0	U	1.0	0.50	ug/L			05/12/17 12:14	1
Bromomethane	5.0	U	5.0	2.5	ug/L			05/12/17 12:14	1
Chloroethane	5.0	U	5.0	2.5	ug/L			05/12/17 12:14	1
Trichlorofluoromethane	1.0	U	1.0	0.42	ug/L			05/12/17 12:14	1
1,1-Dichloroethene	1.0	U	1.0	0.36	ug/L			05/12/17 12:14	1

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

Lab Sample ID: MB 680-479607/8
Matrix: Water
Analysis Batch: 479607

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	7.0	ug/L			05/12/17 12:14	1
Carbon disulfide	2.0	U	2.0	1.0	ug/L			05/12/17 12:14	1
Methylene Chloride	5.0	U	5.0	2.5	ug/L			05/12/17 12:14	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.37	ug/L			05/12/17 12:14	1
Methyl tert-butyl ether	10	U	10	0.30	ug/L			05/12/17 12:14	1
1,1-Dichloroethane	1.0	U	1.0	0.38	ug/L			05/12/17 12:14	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.41	ug/L			05/12/17 12:14	1
2-Butanone (MEK)	10	U	10	3.4	ug/L			05/12/17 12:14	1
Chloroform	1.0	U	1.0	0.50	ug/L			05/12/17 12:14	1
1,1,1-Trichloroethane	1.0	U	1.0	0.37	ug/L			05/12/17 12:14	1
Carbon tetrachloride	1.0	U	1.0	0.33	ug/L			05/12/17 12:14	1
Benzene	1.0	U	1.0	0.43	ug/L			05/12/17 12:14	1
1,2-Dichloroethane	1.0	U	1.0	0.50	ug/L			05/12/17 12:14	1
Trichloroethene	1.0	U	1.0	0.48	ug/L			05/12/17 12:14	1
1,2-Dichloropropane	1.0	U	1.0	0.67	ug/L			05/12/17 12:14	1
Bromodichloromethane	1.0	U	1.0	0.44	ug/L			05/12/17 12:14	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.40	ug/L			05/12/17 12:14	1
4-Methyl-2-pentanone	10	U	10	2.1	ug/L			05/12/17 12:14	1
Toluene	1.0	U	1.0	0.48	ug/L			05/12/17 12:14	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.42	ug/L			05/12/17 12:14	1
1,1,2-Trichloroethane	1.0	U	1.0	0.33	ug/L			05/12/17 12:14	1
Tetrachloroethene	1.0	U	1.0	0.74	ug/L			05/12/17 12:14	1
2-Hexanone	10	U	10	2.0	ug/L			05/12/17 12:14	1
Dibromochloromethane	1.0	U	1.0	0.32	ug/L			05/12/17 12:14	1
1,2-Dibromoethane	1.0	U	1.0	0.44	ug/L			05/12/17 12:14	1
Chlorobenzene	1.0	U	1.0	0.26	ug/L			05/12/17 12:14	1
Ethylbenzene	1.0	U	1.0	0.33	ug/L			05/12/17 12:14	1
Xylenes, Total	1.0	U	1.0	0.23	ug/L			05/12/17 12:14	1
Styrene	1.0	U	1.0	0.27	ug/L			05/12/17 12:14	1
Bromoform	1.0	U	1.0	0.43	ug/L			05/12/17 12:14	1
Isopropylbenzene	1.0	U	1.0	0.35	ug/L			05/12/17 12:14	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.62	ug/L			05/12/17 12:14	1
1,3-Dichlorobenzene	1.0	U	1.0	0.43	ug/L			05/12/17 12:14	1
1,4-Dichlorobenzene	1.0	U	1.0	0.46	ug/L			05/12/17 12:14	1
1,2-Dichlorobenzene	1.0	U	1.0	0.37	ug/L			05/12/17 12:14	1
1,2-Dibromo-3-Chloropropane	5.0	U	5.0	1.1	ug/L			05/12/17 12:14	1
1,2,4-Trichlorobenzene	5.0	U	5.0	2.5	ug/L			05/12/17 12:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*80 - 120*		*05/12/17 12:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*81*		*73 - 131*		*05/12/17 12:14*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 122*		*05/12/17 12:14*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*05/12/17 12:14*	*1*

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

Lab Sample ID: LCS 680-479607/3
Matrix: Water
Analysis Batch: 479607

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	39.8		ug/L		80	70 - 137
Chloromethane	50.0	46.4		ug/L		93	76 - 149
Vinyl chloride	50.0	46.7		ug/L		93	80 - 129
Bromomethane	50.0	40.0		ug/L		80	43 - 146
Chloroethane	50.0	45.3		ug/L		91	48 - 145
Trichlorofluoromethane	50.0	43.9		ug/L		88	58 - 127
1,1-Dichloroethene	50.0	44.8		ug/L		90	80 - 120
Acetone	250	215		ug/L		86	68 - 132
Carbon disulfide	50.0	51.1		ug/L		102	77 - 129
Methylene Chloride	50.0	42.2		ug/L		84	80 - 120
trans-1,2-Dichloroethene	50.0	49.2		ug/L		98	80 - 120
Methyl tert-butyl ether	50.0	48.5		ug/L		97	80 - 122
1,1-Dichloroethane	50.0	48.4		ug/L		97	80 - 120
cis-1,2-Dichloroethene	50.0	41.4		ug/L		83	80 - 120
2-Butanone (MEK)	250	199		ug/L		79	79 - 125
Chloroform	50.0	39.7	*	ug/L		79	80 - 120
1,1,1-Trichloroethane	50.0	40.5		ug/L		81	80 - 120
Carbon tetrachloride	50.0	43.6		ug/L		87	67 - 125
Benzene	50.0	49.2		ug/L		98	80 - 120
1,2-Dichloroethane	50.0	49.9		ug/L		100	72 - 128
Trichloroethene	50.0	45.6		ug/L		91	80 - 120
1,2-Dichloropropane	50.0	51.2		ug/L		102	80 - 120
Bromodichloromethane	50.0	43.7		ug/L		87	80 - 120
cis-1,3-Dichloropropene	50.0	47.8		ug/L		96	80 - 129
4-Methyl-2-pentanone	250	213		ug/L		85	80 - 134
Toluene	50.0	43.1		ug/L		86	80 - 120
trans-1,3-Dichloropropene	50.0	45.2		ug/L		90	80 - 128
1,1,2-Trichloroethane	50.0	44.2		ug/L		88	80 - 120
Tetrachloroethene	50.0	46.0		ug/L		92	71 - 123
2-Hexanone	250	222		ug/L		89	80 - 131
Dibromochloromethane	50.0	44.4		ug/L		89	68 - 120
1,2-Dibromoethane	50.0	44.4		ug/L		89	75 - 126
Chlorobenzene	50.0	48.0		ug/L		96	80 - 120
Ethylbenzene	50.0	50.4		ug/L		101	80 - 120
Xylenes, Total	100	101		ug/L		101	80 - 120
Styrene	50.0	52.7		ug/L		105	80 - 126
Bromoform	50.0	45.3		ug/L		91	52 - 122
Isopropylbenzene	50.0	53.0		ug/L		106	79 - 126
1,1,2,2-Tetrachloroethane	50.0	46.4		ug/L		93	76 - 126
1,3-Dichlorobenzene	50.0	52.6		ug/L		105	80 - 120
1,4-Dichlorobenzene	50.0	45.9		ug/L		92	80 - 120
1,2-Dichlorobenzene	50.0	47.4		ug/L		95	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	51.9		ug/L		104	74 - 120
1,2,4-Trichlorobenzene	50.0	54.3		ug/L		109	71 - 126

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*80 - 120*

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

Lab Sample ID: LCS 680-479607/3
Matrix: Water
Analysis Batch: 479607

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*83*		*73 - 131*
Dibromofluoromethane (Surr)	*85*		*80 - 122*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*

Lab Sample ID: LCSD 680-479607/4
Matrix: Water
Analysis Batch: 479607

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	50.0	47.5		ug/L		95	70 - 137	18	40
Chloromethane	50.0	49.3		ug/L		99	76 - 149	6	30
Vinyl chloride	50.0	51.7		ug/L		103	80 - 129	10	20
Bromomethane	50.0	48.1		ug/L		96	43 - 146	19	20
Chloroethane	50.0	52.3		ug/L		105	48 - 145	14	20
Trichlorofluoromethane	50.0	51.3		ug/L		103	58 - 127	15	20
1,1-Dichloroethene	50.0	52.7		ug/L		105	80 - 120	16	20
Acetone	250	245		ug/L		98	68 - 132	13	30
Carbon disulfide	50.0	57.9		ug/L		116	77 - 129	12	20
Methylene Chloride	50.0	51.4		ug/L		103	80 - 120	20	20
trans-1,2-Dichloroethene	50.0	54.7		ug/L		109	80 - 120	11	20
Methyl tert-butyl ether	50.0	53.7		ug/L		107	80 - 122	10	20
1,1-Dichloroethane	50.0	47.0		ug/L		94	80 - 120	3	20
cis-1,2-Dichloroethene	50.0	47.1		ug/L		94	80 - 120	13	20
2-Butanone (MEK)	250	217		ug/L		87	79 - 125	9	20
Chloroform	50.0	44.0		ug/L		88	80 - 120	10	20
1,1,1-Trichloroethane	50.0	44.5		ug/L		89	80 - 120	9	20
Carbon tetrachloride	50.0	47.6		ug/L		95	67 - 125	9	20
Benzene	50.0	48.9		ug/L		98	80 - 120	1	20
1,2-Dichloroethane	50.0	49.3		ug/L		99	72 - 128	1	50
Trichloroethene	50.0	48.1		ug/L		96	80 - 120	5	20
1,2-Dichloropropane	50.0	49.4		ug/L		99	80 - 120	4	20
Bromodichloromethane	50.0	47.3		ug/L		95	80 - 120	8	20
cis-1,3-Dichloropropene	50.0	52.2		ug/L		104	80 - 129	9	20
4-Methyl-2-pentanone	250	224		ug/L		90	80 - 134	5	20
Toluene	50.0	47.4		ug/L		95	80 - 120	9	20
trans-1,3-Dichloropropene	50.0	49.7		ug/L		99	80 - 128	9	30
1,1,2-Trichloroethane	50.0	47.2		ug/L		94	80 - 120	7	20
Tetrachloroethene	50.0	50.2		ug/L		100	71 - 123	9	20
2-Hexanone	250	231		ug/L		93	80 - 131	4	20
Dibromochloromethane	50.0	48.5		ug/L		97	68 - 120	9	20
1,2-Dibromoethane	50.0	48.0		ug/L		96	75 - 126	8	20
Chlorobenzene	50.0	49.6		ug/L		99	80 - 120	3	20
Ethylbenzene	50.0	51.4		ug/L		103	80 - 120	2	20
Xylenes, Total	100	103		ug/L		103	80 - 120	2	20
Styrene	50.0	53.4		ug/L		107	80 - 126	1	20
Bromoform	50.0	47.1		ug/L		94	52 - 122	4	20
Isopropylbenzene	50.0	54.4		ug/L		109	79 - 126	3	20
1,1,2,2-Tetrachloroethane	50.0	42.9		ug/L		86	76 - 126	8	20

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

Lab Sample ID: LCSD 680-479607/4
Matrix: Water
Analysis Batch: 479607

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene			50.0	49.4		ug/L		99	80 - 120	6	20
1,4-Dichlorobenzene			50.0	47.2		ug/L		94	80 - 120	3	20
1,2-Dichlorobenzene			50.0	48.3		ug/L		97	80 - 120	2	20
1,2-Dibromo-3-Chloropropane			50.0	51.1		ug/L		102	74 - 120	2	20
1,2,4-Trichlorobenzene			50.0	57.0		ug/L		114	71 - 126	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*80*		*73 - 131*
Dibromofluoromethane (Surr)	*93*		*80 - 122*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*

QC Association Summary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138204-1

GC/MS VOA

Analysis Batch: 479400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-138204-1	6489-MW-1	Total/NA	Water	8260B	
680-138204-2	6489-MW-2	Total/NA	Water	8260B	
680-138204-3	6489-MW-3	Total/NA	Water	8260B	
680-138204-4 - DL	6489-MW-4	Total/NA	Water	8260B	
680-138204-5 - DL	6489-MW-5	Total/NA	Water	8260B	
680-138204-6 - DL	6489-DUP-4	Total/NA	Water	8260B	
680-138204-8	6489-TB	Total/NA	Water	8260B	
MB 680-479400/9	Method Blank	Total/NA	Water	8260B	
LCS 680-479400/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-479400/4	Lab Control Sample Dup	Total/NA	Water	8260B	
680-138204-1 MS	6489-MW-1	Total/NA	Water	8260B	
680-138204-1 MSD	6489-MW-1	Total/NA	Water	8260B	

Analysis Batch: 479607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-138204-4 - DL2	6489-MW-4	Total/NA	Water	8260B	
680-138204-5 - DL2	6489-MW-5	Total/NA	Water	8260B	
680-138204-6 - DL2	6489-DUP-4	Total/NA	Water	8260B	
680-138204-7	6489-EB-1	Total/NA	Water	8260B	
MB 680-479607/8	Method Blank	Total/NA	Water	8260B	
LCS 680-479607/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 680-479607/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Lab Chronicle

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138204-1

Client Sample ID: 6489-MW-1 — Lab Sample ID: 680-138204-1

Date Collected: 04/30/17 12:57
Date Received: 05/02/17 09:50
Matrix: Water

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 mL	5 mL	479400	05/11/17 12:56	SMC	TAL SAV
	Instrument ID: CMSP2									

Client Sample ID: 6489-MW-2 — Lab Sample ID: 680-138204-2

Date Collected: 04/30/17 13:44
Date Received: 05/02/17 09:50
Matrix: Water

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 mL	5 mL	479400	05/11/17 13:18	SMC	TAL SAV
	Instrument ID: CMSP2									

Client Sample ID: 6489-MW-3 — Lab Sample ID: 680-138204-3

Date Collected: 04/30/17 14:36
Date Received: 05/02/17 09:50
Matrix: Water

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 mL	5 mL	479400	05/11/17 14:03	SMC	TAL SAV
	Instrument ID: CMSP2									

Client Sample ID: 6489-MW-4 — Lab Sample ID: 680-138204-4

Date Collected: 04/30/17 16:26
Date Received: 05/02/17 09:50
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL2	100	5 mL	5 mL	479607	05/12/17 13:05	CMB	TAL SAV
	Instrument ID: CMSB									
Total/NA	Analysis	8260B	DL	10	5 mL	5 mL	479400	05/11/17 14:25	SMC	TAL SAV
	Instrument ID: CMSP2									

Client Sample ID: 6489-MW-5 — Lab Sample ID: 680-138204-5

Date Collected: 04/30/17 15:38
Date Received: 05/02/17 09:50
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL2	10	5 mL	5 mL	479607	05/12/17 13:31	CMB	TAL SAV
	Instrument ID: CMSB									
Total/NA	Analysis	8260B	DL	2	5 mL	5 mL	479400	05/11/17 14:47	SMC	TAL SAV
	Instrument ID: CMSP2									

Lab Chronicle

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138204-1

Client Sample ID: 6489-DUP-4

Lab Sample ID: 680-138204-6
Date Collected: 04/30/17 00:00
Matrix: Water
Date Received: 05/02/17 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL2	100	5 mL	5 mL	479607	05/12/17 13:56	CMB	TAL SAV
	Instrument ID: CMSB									
Total/NA	Analysis	8260B	DL	10	5 mL	5 mL	479400	05/11/17 15:09	SMC	TAL SAV
	Instrument ID: CMSP2									

Client Sample ID: 6489-EB-1

Lab Sample ID: 680-138204-7
Date Collected: 04/30/17 17:45
Matrix: Water
Date Received: 05/02/17 09:50

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 mL	5 mL	479607	05/12/17 12:39	CMB	TAL SAV
	Instrument ID: CMSB									

Client Sample ID: 6489-TB

Lab Sample ID: 680-138204-8
Date Collected: 04/30/17 00:00
Matrix: Water
Date Received: 05/02/17 09:50

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 mL	5 mL	479400	05/11/17 15:54	SMC	TAL SAV
	Instrument ID: CMSP2									

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138204-1

Laboratory: TestAmerica Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Georgia	State Program	4	N/A	06-30-17 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Environmental Forensic Investigation Inc
Project/Site: Ideal Cleaners - LaGrange, GA

TestAmerica Job ID: 680-138204-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV

Protocol References:

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

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TestAmerica Savannah
5102 LaRoche Avenue

Savannah, GA 31404
Phone: 912.354.7858 Fax:

Chain of Custody Record

193729

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

TAL-8210 (0713)

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

Client Contact	Project Manager: CMcFall	Site Contact:	Date:	COC No:
Company Name: EnviroForensics	Tel/Fax: Same	Lab Contact:	Carrier:	____ of ____ COCs
Address: 825 N Capitol Ave	Analysis Turnaround Time			Sampler:
City/State/Zip: Indianapolis, IN 46204	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 866-888-7911	TAT if different from Below ____			Walk-in Client:
Fax: 317-972-7875	☒ 2 weeks			Lab Sampling:
Project Name: Ideal Cleaners	☐ 1 week			
Site: 6489	☐ 2 days			Job / SDG No.:
PO # 20170556	☐ 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	MS/MSD	Sample Specific Notes:
~~MW~~ 6489-MW-1	4/30/17	1257	G	water	12			X	X	
6489-MW-2	4/30/17	1344	G	water	3			X		
6489-MW-3	4/30/17	1436	G	water	3			X		
6489-MW-4	4/30/17	1626	G	water	3			X		
6489-MW-5	4/30/17	1538 ~~1738~~	G	water	3			X		
6489-DUP-4	—	—	G ~~water~~	water	3			X		
6489-EB-1	4/30/17	1745	G	water	3			X		
6489-TB	—	—	—	water	3			X		

680-138204 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:

680-138204 4.0(CF)3.3°C

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:
Christa Spielbusch	EnviroForensics	1540 5/1/17			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
				TASav.	05-02-17 0950

Login Sample Receipt Checklist

Client: Environmental Forensic Investigation Inc

Job Number: 680-138204-1

Login Number: 138204
List Number: 1
Creator: Banda, Christy S

List Source: TestAmerica Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
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?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ENVIRO forensics

Boring Log

Project Number: 6489	Boring No.: DP- 1 / MW-1
Project Name: Ideal Cleaners	Location: A (NE corner of property)
Drilling Contractor: Betts	Logged by: CSprelbacer
Drilling Method: DP	Date Started: 4/25/17 1053 — Total Depth (ft bgs): 20 — Depth to Water (ft bgs): 16
Borehole Dia. (in):	Date Completed: 4/25/17 1105 — Surface Elevation (ft MSL):
Remarks:	

HA first 5 ft

Depth (ft)	Sample No.	Sample Type	% Recovery	Graphic Log	USCS Code	Material Description	Water Level	PID Reading (ppm)	Backfill
						0-0.5: asphalt		0.2	
1						0.5-1 : Brown silty clay, moist, + f gravel, low plasticity		0.3	
2			100			1.0-3 : Light brown sand, well sorted, f-m, + f gravel, moist, + f silt.			
3								0.5	
4						3-6 : Same but poor f-c sort, some silt, + f-c gravel moist		0.5	
5								0.4	
6						6-16 : very light brown, silty clay, low plasticity, modeled (with orange), some f-c / f gravel sized mineral fragments from breaking down igneous rocks moist			
7								0.3	
8			100						
9						16-19 : Brown sandy silt, f, well sorted, saturated		0.4	
10									
11						19-20 : orange / green / pink, silty clay, non plastic, unsaturated (weathered rock)		0.6	
12			100						
13								0.3	
14									
15								0.6	
16							1644 ▼		
17								0.6	
18									
19			100					0.5	
20								0.6	
21						Soil 3-4 1130			
22						19-20 1134			
23									
24						GW 16-19 1150			
25									
26									
27									

ENVIRO forensics

Boring Log

Project Number: 6489	Boring No.: DP- 2
Project Name: Ideal Cleaners	Location: E side of site building, near SE corner
Drilling Contractor: Betts	Logged by: Espielbauer
Drilling Method: DP / Date Started: 4/25/17 1352	Total Depth (ft bgs): 20 / Depth to Water (ft bgs): 11
Borehole Dia. (in): / Date Completed: 4/25/17	Surface Elevation (ft MSL):
Remarks:	

Depth (ft)	Sample No.	Sample Type	% Recovery	Graphic Log	USCS Code	Material Description	Water Level	PID Reading (ppm)	Backfill
1						0-0.5: asphalt		0.3	
2			100			0.5-11: light gray silty clay, low plasticity, moist, + f-m sand, + f gravel			
3								0.4	
4						(10-11: orange mottling)			
5						11-19: light gray/orange/brown, sandy silt, f grained, saturated from 11-12 (barely), saturated again from 15-19		0.6	
6			100						
7								0.6	
8						19-20: light brown silty clay, +-s f-c grains sand (muscovite) + f gravel, unsaturated	▼		
9								0.4	
10									
11								0.4	
12			90					0.8	
13								0.6	
14									
15								0.6	
16									
17			100					23.6	
18									
19								23.0	
20						End of Borings			
21									
22									
23									
24									
25									
26									
27									

GW: 9-19 MS/MSD 1459
Soil 3-4 1505 (MS/MSD)
19-20 1815

ENVIRO forensics

Boring Log

Project Number: 6489	Boring No.: DP- 3 /MW-3
Project Name: Ideal Cleaners	Location: D
Drilling Contractor: Betts	Logged by: Csprelbauer
Drilling Method: DP	Date Started: 4/25/17 1515 1604
Total Depth (ft bgs): 20	Depth to Water (ft bgs): 4
Borehole Dia. (in):	Date Completed: 4/25/17 1630
Surface Elevation (ft MSL):	
Remarks:	

HA first 5 ft

Depth (ft)	Sample No.	Sample Type	% Recovery	Graphic Log	USCS Code	Material Description	Water Level	PID Reading (ppm)	Backfill
1						0-0.5: asphault		16.1	0-2
2						0.5-4: light brown, sandy silt, moist, + f gravel			
3		100				4-: Light gray, ~~silty~~ sand f-M, well sort, +-s silt, saturated at 4 ft.	4 ft	16.5	2-4
4							▽		
5		—						20.5	4-5
6									
7									
8		5				5-10: Same but brown			
9								19.8	5-10
10		—							
11									
12								60	[illegible]
13		<5							
14									
15		—						25.2	15-18.5
16						18.5-20: Brown silt w/ some clay, + f-c sand/mineral fragments, moist			
17								0.4	18.5-2
18		30				Last 1.5 ft had to use pressure to push through			
19									
20		—							
21									
22									
23						Soil 2-3 1642; 19-20 1647			
24									
25									
26						GW 5-18 1715; 15-18 1700			
27									

ENVIRO forensics

Boring Log

Project Number: 6489	Boring No.: DP-4
Project Name: Ideal Cleaners	Location: B
Drilling Contractor: Betts	Logged by: CSprellbauer
Drilling Method: DP / Date Started: 4/25/17 1724	Total Depth (ft bgs): 20 / Depth to Water (ft bgs): 16
Borehole Dia. (in): / Date Completed: 4/25/17 1850	Surface Elevation (ft MSL):
Remarks:	

Depth (ft)	Sample No.	Sample Type	% Recovery	Graphic Log	USCS Code	Material Description	Water Level	PID Reading (ppm)	Backfill
1						0-0.5 : asphalt			
2						0.5-2 : Brown sandy clay, f-c, low plasticity, moist + f-c gravel		0.8	
3			100			2-16 : Light brown / light gray, modeled silty clay, low plasticity, + f sand, + f gravel		0.5	
4									
5						@ 4 ft with some blue/gray modeling		2.7	
6			100						
7								0.8	
8									
9								0.5	
10						16-18 : Brown/orange sandy silt, modeled, saturated			
11								0.7	
12			60						
13						18-20 : Brown / orange brown modeled silty clay (with green/black layers, + sand f, unsaturated		0.7	
14									
15								2.9	
16							16		
17								2.5	
18			100						
19								0.9	
20									
21									
22									
23									
24									
25									
26									
27									

Soil 19-20 1824
4-5 1817
13-18 1810
4/26/17 GW 0817

ENVIRO forensics

Boring Log

Project Number: 6489	Boring No.: DP-5
Project Name: Ideal Cleaners	Location: E, S of site building
Drilling Contractor: Betts	Logged by: CSpreberer
Drilling Method: DP / Date Started: 4/26/17 828	Total Depth (ft bgs): 20 / Depth to Water (ft bgs): 3.5
Borehole Dia. (in): / Date Completed: 4/26/17 0915	Surface Elevation (ft MSL):
Remarks:	

Depth (ft)	Sample No.	Sample Type	% Recovery	Graphic Log	USCS Code	Material Description	Water Level	PID Reading (ppm)	Backfill
1						0-3 : Brown silty sand, f-m, well sorted, moist, + fine gravel		~~0.0~~ ~~0.1~~	94.1 97.6 109
2									
3			100			3-3.5 : Brown silty clay, low plasticity, moist	3.5	~~10.7~~	270
4									
5						3.5-4.5 : Brown sand, f-m, well sorted, + silt, saturated			316
6									
7			0			4.5-5 : Dark Brown silty clay, +-s f-m sand, non plastic			
8									
9									
10						5-10 : No Recovery			
11								258	
12			50			10-18.0 : Dark Brown sandy silt, f-c, poor sort, + f gravel saturated			
13								190	
14									
15						~~[illegible]~~		178	
16						18-20 : Brown/white/orange sandy silt, +-s clay, f-c, poor sort, looks like igneous rocks that are weathering in place, moist			
17								162	
18			90						
19								87.2	
20									
21						Soil : 19-20 0955 1-2 1000			
22									
23									
24						GW: 3-8 1010 8-18 1005			
25									
26									
27									

ENVIRO forensics

Boring Log

Project Number: 6489	Boring No.: DP-6 / MW-5
Project Name: ~~Betts~~ Ideal Cleaners	Location: F
Drilling Contractor: Betts	Logged by: CSpreitbauer
Drilling Method: DP	Date Started: 4/25/17 1015
Total Depth (ft bgs): 20	Depth to Water (ft bgs): 4
Borehole Dia. (in):	Date Completed: 4/25/17 1100
Surface Elevation (ft MSL):	
Remarks:	

Depth (ft)	Sample No.	Sample Type	% Recovery	Graphic Log	USCS Code	Material Description	Water Level	PID Reading (ppm)	Backfill
						0.0.5 : Topsoil			
1						0.5-4 : Brown silty sand, f-m, well sorted, moist, + f gravel		113	
2									
3			100				4ft	238	
4						4-5 : Brown ~~silty~~ sandy silt, f-m, + f gravel, saturated		269	
5						5-10 Brown ~~becomes~~ f-c silty sand, poor sort, + silt and sand non saturated		776	
6						becomes lighter brown at 7 ft			
7						10-14 : Dark brown sandy silt, f grained, + fine gravel		261	
8			50			saturated			
9						14-20 : Light brown / orange ~~weathered~~ sand f-c, poor sort, + -s silt,		183	
10						unsaturated			
11						looks more like weathered rocks as you increase in depth		15.5	
12									
13			60					20.6	
14									
15								1.6	
16									
17								2.1	
18			50						
19								1.7	
20									
21						1-2 1110 15-16 1123			
22						~~10-20~~			
23						Soil			
24						9 ~~10~~-14 1130			
25						GW 4-5 1244			
26									
27									

ENVIRO forensics

Boring Log

Project Number: 6489	Boring No.: DP-7 / MW-4
Project Name: Ideal Cleaners	Location: H (where J is on the map) just south of W platform
Drilling Contractor: Betts	Logged by: CSpielbauer
Drilling Method: DP / Date Started: 4/26/17 1300	Total Depth (ft bgs): 23.5 / Depth to Water (ft bgs): 15
Borehole Dia. (in): / Date Completed: 4/26/17 1415	Surface Elevation (ft MSL):
Remarks:	

Depth (ft)	Sample No.	Sample Type	% Recovery	Graphic Log	USCS Code	Material Description	Water Level	PID Reading (ppm)	Backfill
1						0-2: orange silty clay, low plasticity, t-s f-c sand, moist		7.4	
2									
3			100			2-5: Dark brown silty sand, f-m, well sort, t-s f-c gravel, moist		10.4	
4									
5						5-10: Brown silty sand with t-s clay, no gravel moist		6.70	
6									
7						10-14: Gray silty clay, t-s f-c sand, moist		136	
8			10			@ 12 ft turns brown			
9								167	
10						14-15: Brown/orange silty sand, f-m, well sort, moist			
11								46.5	
12						15-17: Brown silty sand, f-m, well sorted, saturated			
13			70					20.0	
14						17-23.5 Brown, silty sand, (white/gray layers from weathered rocks) not saturated			
15							▽	28.3 (14-15) 169 (15-16)	
16									
17			100					8.7 (16-17) 60.7 (17-18)	
18									
19								2.5	
20									
21								0.4	
22			100						
23								0.3	
24						23.5 refusal			
25									
26									
27									

Soil: 4-6 1459 (DUP-1) 18-19 1453 22-23.5 1447 (DUP-2) 1516

GW: 12-17

ENVIRO forensics

Boring Log

Project Number: 6489	**Boring No.: DP-8**
Project Name: Ideal Cleaners	Location: 3 N (N of site building, approx center of building.)
Drilling Contractor: Betts	Logged by: Osprelbauer
Drilling Method: DP / Date Started: 4/26/17 1646	Total Depth (ft bgs): 20 / Depth to Water (ft bgs): 15
Borehole Dia. (in): / Date Completed: 4/26/17 1748	Surface Elevation (ft MSL):
Remarks:	

Depth (ft)	Sample No.	Sample Type	% Recovery	Graphic Log	USCS Code	Material Description	Water Level	PID Reading (ppm)	Backfill
						0-0.5 : asphalt			
1						0.5-1 : Brown silty sand f-m, well sort, with some clay, + gravel (f), moist		2.1	
2									
3			100					2.4	
4						1-4 : orange silty clay, + f sand, moist			
5								2.2	
6						4-6 : Light brown sand, f-c, well sort, +-s silt, moist			
7								2.1	
8			80			6-14 : Light brown/yellowish silty clay with +-s sand, f-c, low plasticity, moist			
9								27.9	
10						becomes orange at 12 ft			
11								4.5	
12			80			14-15 : Light brown/yellowish (weathered rock) silty sand, f-c, poor sort, unsaturated	1544		
13								3.0	
14						15-17 : Brown sandy silt, saturated, + fine gravel		2.9 (14-15)	
15								1.1 (15-16)	
16								0.9 (16-17)	
17			100			17-20 : Light brown/orange silty sand (weathered rock igneous) unsaturated		0.7 (17-18)	
18									
19								0.5	
20						1805 1810			
21						3-4 8-10 18-19 1815			
22						Soil 13-17 1820			
23									
24						GW			
25									
26									
27									

ENVIRO forensics

Boring Log

Project Number: 6489	Boring No.: DP-9 / MW-2
Project Name: Ideal Cleaners	Location: G (NW of site building)
Drilling Contractor: Betts	Logged by: CSpielbauer
Drilling Method: DP	Date Started: 4/27/17 0812 — Total Depth (ft bgs): 25 — Depth to Water (ft bgs): 14
Borehole Dia. (in):	Date Completed: 4/27/17 0935 — Surface Elevation (ft MSL):
Remarks:	

+/- first 5 ft used discrete sampler for gw

Depth (ft)	Sample No.	Sample Type	% Recovery	Graphic Log	USCS Code	Material Description	Water Level	PID Reading (ppm)	Backfill
1						0-0.5: asphalt		0.5	
2						0.5-2: Brown silty sand, f-c, poor sort, t-s f-c gravel, moist			
3			100					0.3	
4						2-10: orange silty clay, low plasticity, + t-m sand, moist			
5								0.2	
6						10-14: Light brown silty sand, f-c, poor sort, unsaturated			
7								0.1	
8			30			14-16: Brown sandy silt, + f gravel, saturated			
9								0.2	
10						16-20: Light brown silty sand, t-c, poor sort, unsaturated, (weathered rock)			
11								7.2	(10-12)
12			60						
13						20-23: Brown sandy silt, saturated	▼	1.0	
14									
15								3.7	
16			100			23-25: Brown / light brown, silty clay, t-s f-m sand, (weathered rock) unsaturated.			
17								0.6	
18									
19								7.6	
20									
21								1.1	
22			60					0.6	(22-23)
23									
24								0.4	(23-25)
25									
26						GW: 14-16 1027, 20-23 1012 — SOIL: 24-25 1065, 18-19 1000, 10-11 0955			
27									

ENVIRO forensics

Monitoring Well Sampling Log (Georgia EPD / USEPA Region 4) MW-1

Site: Ideal Cleaners Project #: 6489

Address: 224 Greenville St, LaGrange, Georgia Date: 4/30/17

Well Depth: 19.62 water depth 8.70 Well Diameter: 2 Probe Model: Horiba

Total Depth: 10.92 Screened Interval: 14-19 Pump Type: Stainless Steel Monsoon pump pump depth 8.70

Three to Five Well Volumes: 5.34-8.90 gallons (1.78)

	Must Be Stable Prior to Sampling			Optional	Do Not Use for Stabilization			
Time	pH	Cond. (µS/cm)	Turbidity (NTU)	D.O. (mg/L)	Temp (°C)	ORP (mV)	Water Level	Total Volume Removed
	+/- 0.1	+/- 5%	<10 or 10%	0.2 or +/-10%	+/-0.5	+/-20 mV	ft bgs	gallons
1222	6.02	125	38.9	8.38	25.31	189	8.70	0.00
1227	6.05	105	159	9.41	25.50	190	9.38	0.75
1232	6.09	122	84.0	8.32	25.40	192	9.36	2.00
1237	6.04	120	30.1	7.88	25.90	198	9.30	3.00
1242	6.01	118	25.0	7.67	26.07	203	9.45	3.75
1247	6.07	117	18.5	6.86	25.72	193	9.40	4.75
1252	6.07	114	9.9	6.46	25.99	190	9.37	5.50

NOTES: * MS/MSD *

Sample Time: 1257

Sampling Personnel: CSpielhauer

Sample Type and Analysis Requested: VOC 8260

In order to achieve stabilization, pH, Cond, and Turb must be stable and 3-5 well volumes have been purged.
Well pump should placed within the top three (3) feet of the water column, and moved downward if drawdown is observed.
Only use peristaltic or centrifugal pump (RediFlo) to purge wells.

ENVIRO forensics

Monitoring Well Sampling Log (Georgia EPD / USEPA Region 4) MW-2

Site: Ideal Cleaners Project #: 6489

Address: 224 Greenville St, LaGrange, Georgia Date: 4/30/17

Well Depth: 16.11 water depth 7.51 Well Diameter: 2 Probe Model: Horiba

Total Depth: 8.60 Screened Interval: 11-16 Pump Type: Stainless Steel Monsoon Pump pump depth 9.51

Three to Five Well Volumes: 4.20-7.00 gallons (1.40)

	Must Be Stable Prior to Sampling			Optional	Do Not Use for Stabilization			
Time	pH	Cond. (µS/cm)	Turbidity (NTU)	D.O. (mg/L)	Temp (°C)	ORP (mV)	Water Level	Total Volume Removed
	+/- 0.1	+/- 5%	<10 or 10%	0.2 or +/-10%	+/-0.5	+/-20 mV	ft bgs	gallons
1309	6.75	121	146	5.32	28.66	131	7.37	0
1314	5.63	123	106	1.14	25.50	201	9.30	0.75
1319	5.46	121	50.0	0.79	25.04	203	9.23	2
1324	5.38	124	67.2	1.74	23.87	120	9.57	3.25
1329	6.62	125	17.9	3.02	23.75	112	9.51	4
1334	6.54	124	8.2	3.03	23.76	99	9.51	5
1339	6.53	124	5.5	2.37	23.78	102	9.51	5.75

NOTES:

Sample Time: 1344

Sampling Personnel: Espreibauer

Sample Type and Analysis Requested: VOC 8260

In order to achieve stabilization, pH, Cond, and Turb must be stable and 3-5 well volumes have been purged.
Well pump should placed within the top three (3) feet of the water column, and moved downward if drawdown is observed.
Only use peristaltic or centrifugal pump (RediFlo) to purge wells.

ENVIRO forensics

Monitoring Well Sampling Log (Georgia EPD / USEPA Region 4) MW-3

Site: Ideal Cleaners Project #: 6489

Address: 224 Greenville St. LaGrange, Georgia Date: 4/30/17

Well Depth: 13.02 water depth 2.04 Well Diameter: 2 Probe Model: Horiba

Total Depth: 10.98 Screened Interval: 3-13 Pump Type: stainless steel monsoon pump pump depth 4.04

Three to Five Well Volumes: 5.37 - 8.95 gallons (1.79)

	Must Be Stable Prior to Sampling			Optional	Do Not Use for Stabilization			
Time	pH	Cond. (µS/cm)	Turbidity (NTU)	D.O. (mg/L)	Temp (°C)	ORP (mV)	Water Level	Total Volume Removed
	+/- 0.1	+/- 5%	<10 or 10%	0.2 or +/-10%	+/-0.5	+/-20 mV	ft bgs	gallons
1411	5.14	108	19.5	2.99	25.23	209	2.06	0
1416	4.18	106	4.7	0.82	22.98	272	2.85	1.5
1421	4.19	103	1.0	0.00	22.22	282	2.70	3.0
1426	4.17	99	0.4	0.00	22.30	275	2.65	4.5
1431	4.15	106	15.1	0.00	22.47	237	2.92	6.0

NOTES:

Sample Time: 1436

Sampling Personnel: Cspielbauer

Sample Type and Analysis Requested: VOC 8260

In order to achieve stabilization, pH, Cond, and Turb must be stable and 3-5 well volumes have been purged.
Well pump should placed within the top three (3) feet of the water column, and moved downward if drawdown is observed.
Only use peristaltic or centrifugal pump (RediFlo) to purge wells.

ENVIRO forensics

Monitoring Well Sampling Log (Georgia EPD / USEPA Region 4) MW-4

Site: Ideal Cleaners Project #: 6489

Address: 224 Greenville St, LaGrange, Georgia Date: 4/30/17

Well Depth: 17.15 water depth 5.19 Well Diameter: _____ Probe Model: Horiba

Total Depth: 11.96 Screened Interval: 12-17 Pump Type: Stainless Steel Monsoon pump pump depth 7.19

Three to Five Well Volumes: 5.85 - 9.75 gallons (1.95)

	Must Be Stable Prior to Sampling			Optional	Do Not Use for Stabilization			
Time	pH	Cond. (µS/cm)	Turbidity (NTU)	D.O. (mg/L)	Temp (°C)	ORP (mV)	Water Level	Total Volume Removed
	+/- 0.1	+/- 5%	<10 or 10%	0.2 or +/-10%	+/-0.5	+/-20 mV	ft bgs	gallons
1601	5.85	210	13.7	0.00	22.76	172	5.19	0
1606	5.01	203	8.2	0.00	21.64	173	5.75	2
1611	6.09	195	5.7	0.00	22.10	97	5.63	3.5
1616	6.10	187	2.5	0.00	22.08	88	5.65	5
1621	6.08	186	1.8	0.00	22.09	81	5.70	6.5

NOTES: * DUP-4 *

Sample Time: 1626

Sampling Personnel: CSpielbauer

Sample Type and Analysis Requested: VOC 8260

In order to achieve stabilization, pH, Cond, and Turb must be stable and 3-5 well volumes have been purged.
Well pump should placed within the top three (3) feet of the water column, and moved downward if drawdown is observed.
Only use peristaltic or centrifugal pump (RediFlo) to purge wells.

ENVIRO forensics

Monitoring Well Sampling Log (Georgia EPD / USEPA Region 4) MW-5

Site: Ideal Cleaners Project #: 6489

Address: 224 Greenville St, LaGrange, Georgia Date: 4/30/17

Well Depth: 13.71 water depth 3.36 Well Diameter: 2 Probe Model: Horiba

Total Depth: 10.35 Screened Interval: 9-14 Pump Type: stainless steel Monsoon Pump pump depth 5.36

Three to Five Well Volumes: 5.07-8.45 gallons (1.69)

	Must Be Stable Prior to Sampling			Optional	Do Not Use for Stabilization			
Time	pH	Cond. (µS/cm)	Turbidity (NTU)	D.O. (mg/L)	Temp (°C)	ORP (mV)	Water Level	Total Volume Removed
	+/- 0.1	+/- 5%	<10 or 10%	0.2 or +/-10%	+/-0.5	+/-20 mV	ft bgs	gallons
1458	5.62	150	16.5	9.63	22.93	195	3.36	0.0ø
1503	5.34	278	16.9	0.00	20.86	213	4.41	1.0ø
1508	5.09	258	6.0	0.00	20.83	218	4.20	2.0ø
1513	4.94	232	14.1	0.00	20.64	229	4.75	3.5ø
1518	5.00	225	6.4	0.00	20.54	224	4.94	4.5ø
1523	4.98	192	5.1	0.00	20.59	240	5.22	5.5ø
1528	5.04	202	7.7	0.00	20.44	221	5.22	6.5ø
1533	5.07	200	6.7	0.00	20.50	225	5.20	7.5ø

NOTES:

Sample Time: 1538

Sampling Personnel: CSpielhauer

Sample Type and Analysis Requested: VOC 8260

In order to achieve stabilization, pH, Cond, and Turb must be stable and 3-5 well volumes have been purged.
Well pump should placed within the top three (3) feet of the water column, and moved downward if drawdown is observed.
Only use peristaltic or centrifugal pump (RediFlo) to purge wells.

Ideal Cleaners
LaGrange, Troup County, Gerogia
HSI #10931
SEA Job #172-094
Summary of Activities and Professional Hours

1st Semi-Annual VRP Progress Report

Activity	Professional Hours Spent
VIRP Revisions	23.25
Semi-Annual Report Preparation	22

Georgia Professional Certification Form

"I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.

The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Michael J Haller P.G. Number 1062	10/26/2018
Printed Name and GA PE/PG Number	Date