

WEINGARTEN REALTY

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RECEIVED

By Alameda County Environmental Health 11:07 am, Nov 09, 2015

Mr. Gabe Stivala, P.G.
Cardno ATC
701 University Drive, Suite 200
Sacramento, CA 95825

SUBJECT Limited Subsurface Assessment Report

Exterior Additional Soil and Soil Vapor Assessment Work Plan
Dry Clean 580 and Adjacent Retail Units
3735 East Castro Valley Boulevard
Alameda County LOP No. RO 3097

Dear Mr. Stivala:

I have reviewed and approved the subject report. Please submit it to the regulatory agencies listed in the distribution section of the report. Should any of the agencies require it, I am prepared to declare, under penalty of perjury, that to the best of my knowledge, the information contained in the report is true and correct.

Sincerely,



Charles Gurney

Weingarten Realty Investors
2600 Citadel Plaza Drive, Suite 300
Houston, Texas 77008

Date: 11-5-15

People-to-People. Coast-to-Coast.

Weingarten Realty is the trade name of Weingarten Realty Investors (the "trust") which is an unincorporated trust organized under the Texas Real Estate Investment Trust Act. Neither the shareholders of the trust, nor its trust managers, officers, employees or other agents are personally, corporately or individually liable for any debt, act, omission, or obligation of the trust, and all persons having claims of any kind against the trust must look solely to the property of the trust for the enforcement of their rights.

March 13, 2012

Mr. Chuck Gurney
Director Environmental Management
Weingarten Realty Investors
2600 Citadel Plaza Drive, Suite 300
Houston, Texas 77008

Mr. Thomas J. Treacy
John Hancock Life Insurance Company (U.S.A)
197 Clarendon Street, C-3
Boston, MA 02116

**RE: Limited Subsurface Assessment Report
580 Market Place Shopping Center
3735-4065 East Castro Valley Boulevard
Castro Valley, California 94552
ATC Project No. 075.75354.0002**

Dear Mr. Gurney:

In accordance with executed ATC Associates Inc. (ATC) Proposal No. 075-2012-0032, dated February 13, 2012, ATC performed a limited subsurface investigation to assess current subsurface conditions adjacent to an existing dry-cleaning operation (Dryclean 580 – 3937 East Castro Valley Boulevard) located in the 580 Market Place shopping center (site).

SPECIAL TERMS AND CONDITIONS (USER RELIANCE)

This report is for the use and benefit of Weingarten Realty Investors and John Hancock Life Insurance Company (U.S.A.), its parent, affiliates and their successors and assigns, bond holders and potential bond holders, the underwriters of any securitization of the loan secured the Property, the rating agencies rating such securitization, and each of such parties' counsel, are entitled to rely upon this report and to use its contents and conclusions as may be appropriate.

Any third party agrees by accepting this report that any use or reliance on this report shall be limited by the exceptions and limitations in the report, the terms and conditions of the project contract with Weingarten Realty Investors with the exception of the limit of liability, and with the acknowledgement the actual Property conditions may change with time, and that hidden conditions may exist at the Property that were not discoverable within the authorized scope of the assessment. Regardless of the

findings stated in the report, ATC is not responsible for consequences or conditions arising from facts that were concealed, withheld, or not fully disclosed at the time the assessment was conducted.

ATC makes no other representation to any third party except that it has used the degree of care and skill ordinarily exercised by environmental consultants in the preparation of the report and in the assembling of data and information related thereto. No other warranties are made to any third party, either express or implied. Unless otherwise agreed upon in writing by ATC and a third party, ATC's liability to any third party authorized to use or rely on this report with respect to any acts or omissions shall be limited to a total maximum amount of \$100,000.

SITE DESCRIPTION

The 580 Market Place Shopping Center is located at 3735-4065 East Castro Valley Boulevard in a primarily residential and commercial region in the City of Castro Valley, Alameda County, California. The approximately 10.21-acre site was constructed in 1990 and contains a retail shopping center consisting of four buildings with 26 tenant spaces, of which 25 are currently occupied. The subject property was historically used as agricultural land with associated residences prior to the development of the property as a retail shopping mall in 1990. Dryclean 580 is located among retail shops in the central portion of the shopping center between the Safeway super market and 24 Hour Fitness. The general site layout is depicted on attached Figure 1, Site Map with Soil Boring Locations.

BACKGROUND

According to a prior Phase I Environmental Site Assessment (ESA) and Phase II Subsurface Investigation dated December 18, 1997 conducted by PES Environmental, Inc (PES), Dryclean 580 operated onsite dry-cleaning equipment that utilized tetrachloroethylene (PCE) as a dry cleaning solvent. Due to the nature of chemical use at dry-cleaning facilities, a detailed inspection was conducted. Dryclean 580 has operated at this location since 1990. The dry-cleaning machine had an approximately 2-inch metal lip around the bottom, acting as a small secondary containment structure for the machine. A drum of waste PCE and three empty drums were stored directly on the concrete floor behind the dry-cleaning machine. A scraper for removing the waste PCE sludge from the dry cleaning machine was stored directly on the concrete floor. A rectangular metal bucket used to transport the waste PCE from the machine to the storage drum was observed attached to the back of the dry-cleaning machine.

Moderate staining was observed in the vicinity of the fresh and waste PCE drums behind the drycleaning machine. Because of the nature of PCE and the length of time that the dry-cleaning facility has operated at this location, and to document environmental site conditions prior to the property transfer, a Phase II soil gas investigation was performed inside and in the vicinity of Dryclean 580.

The results of the soil gas survey indicated the presence of low concentrations of volatile organic compounds (VOCs) in soil gas in the immediate vicinity of Dryclean 580. The highest detected concentration of PCE was 119.7 micrograms per liter of air ($\mu\text{g/L}$), collected at a depth of 7.5 feet below

ground surface (bgs) at the rear of the facility between the sewer line and the trash enclosure. Concentrations of PCE inside the facility were identified as high as 105.9 µg/L at a depth of 2 feet bgs.

ATC conducted a Phase I ESA in February 2012 prior to this investigation. According to the Phase I ESA, Dryclean 580 no longer utilizes PCE as a dry cleaning solvent, but uses a hydrocarbon-based solvent in a closed loop system.

UNDERGROUND UTILITY CLEARANCE

Prior to initiating subsurface activities, ATC contacted the public utility locating service (Underground Services Alert of Northern California) to locate underground utility lines in the vicinity of the soil boring locations. Additionally, ATC contracted Golden State Utility Company (GSU) to locate private utility lines in the proposed boring locations. Utilities (sewer, water, gas, electric, and telephone/cable) were identified at the rear of the site and marked with paint so that they could be avoided during drilling activities.

SOIL SAMPLING

On March 1, 2012, ATC collected continuous soil samples from 4 soil borings (ATC-1 through ATC-4; Figure 1). Soil borings ATC-1 and ATC-2 were advanced at the rear of Dryclean 580, approximately 5 feet from the building. Soil borings ATC-3 and ATC-4 were advanced at a presumed downgradient location adjacent to the trash enclosure 10 feet west of Dryclean 580.

All drilling activities were conducted by Cascade Drilling, L.P. of Rancho Cordova, California, using a direct-push drilling rig. Direct-push soil samples were collected by using a direct-push drilling rig which utilizes static force and percussion to advance small diameter sampling tools into the subsurface. Soil samples were collected continuously in two to four-foot sections. The soil samples were collected in a four-foot by 1.5-inch outside diameter core sampler lined with chemically inert acetate sleeves. Each recovered soil sample core was inspected and logged by an ATC geologist and field screened for the presence of organic vapors using a photoionization detector (PID). The soil samples selected for laboratory analysis were prepared by cutting off a six-inch long section of the soil-filled sleeve, capping the sleeve with Teflon[®] squares and tight-fitting plastic caps and placing in an ice chest cooled to approximately four degrees Celsius with ice.

All downhole equipment was cleaned with phosphate-free soap and then rinsed with water between soil boring locations to minimize the potential for cross contamination.

Upon completion, each borehole was backfilled with neat cement and capped with black dyed concrete to match the surrounding surface.

Each soil boring was advanced to depths ranging from 24.5 feet (ATC-2) to 31 feet bgs (ATC-1) where sampler refusal was encountered on impenetrable soil (interpreted as tight clays and silts). Refer to Appendix A, Boring Logs.

ATC proposed to select soil samples for laboratory analysis based on the results of PID screening and professional judgment. Based on the results of the prior investigation, recorded PID readings, and lack of an identified water bearing zone throughout the sampled soil column in each boring, soil samples collected from the depths most likely to exhibit soil impact were submitted for laboratory analysis.

Soil investigation derived waste (IDW) was contained in a labeled, U.S. Department of Transportation approved, 17H 55-gallon drum stored temporarily at the site. One drum of soil remains onsite pending waste profiling and offsite disposal. IDW profiling and disposal documentation will be presented under separate cover.

Each soil sample was submitted for laboratory analysis of volatile organic compounds (VOCs) using EPA Method 8260B. All laboratory analyses were performed by TestAmerica of Pleasanton, California.

RESULTS

Soil lithology underlying the site, as observed in the borings advanced during this investigation, generally indicated clay with varying amounts of silt from ground surface to at least 31 feet bgs, the maximum depth of exploration (Appendix A). Sampler refusal on impenetrable soil (interpreted as tight clays and silts) at depths ranging between 24.5 and 31 feet bgs was encountered in all soil borings. Saturated soil indicative of groundwater was not observed at any of the boring locations.

During the screening of soil recovered from advanced borings, ATC detected organic vapors in shallow soils at ATC-2 (between 2 and 5 feet bgs) and observed fill material and discoloration of soils in all soil borings between 7.5 and 15 feet bgs. No other field indications of impacted soil were observed in the soil samples collected by ATC during the course of this investigation.

The laboratory analytical data report indicated that soil sample ATC-2 (2'), collected adjacent to the back door of Dryclean 580 (Figure 1) contained PCE and TCE at respective concentrations of 0.85 and 0.047 mg/kg. Additionally, acetone was detected in soil samples ATC-1 (15'), ATC-2 (7.5'), and ATC-4 (8') at respective concentrations of 0.062, 0.071, and 0.079 mg/kg. No other VOCs were detected above their respective minimum laboratory method reporting limits (MRL) in the remaining soil samples analyzed (Table 1, Summary of Soil Sample Laboratory Analytical Data and Appendix B, Laboratory Analytical Data Reports and Chain of Custody Documents).

ATC has compared the soil sample analytical results reported herein to the environmental screening levels (ESLs) set forth in the Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater, Interim Final November 2007 (Revised May 2008), prepared by the San Francisco Bay Region 2 California Regional Water Quality Control Board (RWQCB). For purposes of discussion, the applicable ESLs are presented in Table 1. It should be noted, as stated within the disclaimer of the referenced document that:

This document is not intended to establish policy or regulation. The Environmental Screening Levels presented in this document and the accompanying text are specifically not intended to

serve as: 1) a stand-alone decision making tool, 2) guidance for the preparation of baseline environmental assessments, 3) a rule to determine if a waste is hazardous under the state or federal regulations, or 4) a rule to determine when the release of hazardous chemicals must be reported to the overseeing regulatory agency.

According to soil sample analytical results, only the concentration of PCE (0.85 mg/kg) in sample ATC-2 (2') exceeds its respective ESL of 0.7 mg/kg.

CONCLUSIONS

Based on the information presented above and the information obtained from the prior investigation, it appears that detected concentrations of PCE and TCE in soil identified as a result of this investigation coupled with detections of PCE and TCE in soil gas (PES, 1997) are likely attributed to a past release from the dry-cleaning facility. It appears that the extent of impact at the rear of the facility is limited to shallow soil to a maximum depth of 8 feet bgs. However, based on the results of the PES investigation, impacts within the facility were identified at a depth of 10 feet bgs and were not vertically delineated. Although the concentrations of PCE only slightly exceed the ESL, ATC recommends reporting the contents of this report to the Alameda County Public Works Agency, Water Resources Section and RWQCB.

Based on the existing identified concentrations of PCE and TCE in shallow soil at the Site and ATC's experience working on sites with similar impacts, it may be reasonable to conclude that hypothetical cleanup costs could range from \$142,500 to \$285,000. Refer to the Appendix C for a breakdown of Hypothetical Environmental Costs.

If you have any questions or wish to discuss this report, please contact Peter Kolodner or Gabe Stivala, P.G. at (925) 460-5300.

Sincerely,
ATC Associates Inc.



Peter Kolodner
Project Manager



Gabe Stivala, P.G.
Senior Geologist



Attachments: Figures
Table: Summary of Soil Sample Laboratory Analytical Data
Appendix A: Soil Boring Logs
Appendix B: Laboratory Analytical Data Report and Chain of Custody Document
Appendix C: Hypothetical Environmental Costs

FIGURE

Soil Boring Locations

580 MARKET PLACE
3735-4065 EAST CASTRO VALLEY BOULEVARD
CASTRO VALLEY, CALIFORNIA 94552



6602 Owens Drive, Suite 100
Pleasanton, CA 94588
(925) 460-5300



Interstate 580

TABLES

Summary of Soil Sample Laboratory Analytical Data

580 Market Place Shopping Center
3735-4065 East Castro Valley Boulevard
Castro Valley, California 94552

Sample ID	Depth (feet bgs)	Sample Date	PCE (mg/kg)	TCE (mg/kg)	Acetone (mg/kg)
			EPA Method 8260B		
ATC-1 (2')	2-3	3/1/2012	<0.0048	<0.0048	<0.048
ATC-1 (15')	14-15	3/1/2012	<0.0048	<0.0048	0.062
ATC-1 (31')	30-31	3/1/2012	---	---	---
ATC-2 (2')	2-3	3/1/2012	0.85	0.047	<0.22
ATC-2 (7.5')	7-8	3/1/2012	<0.0047	<0.0047	0.071
ATC-2 (12')	11-12	3/1/2012	---	---	---
ATC-3 (2')	2-3	3/1/2012	<0.0044	<0.0044	<0.044
ATC-3 (8')	7-8	3/1/2012	<0.0045	<0.0045	<0.045
ATC-4 (2')	2-3	3/1/2012	<0.0049	<0.0049	<0.049
ATC-4 (8')	7-8	3/1/2012	<0.0047	<0.0047	0.079
ESL Shallow (<9.8 feet)			<i>0.7</i>	<i>0.46</i>	<i>0.5</i>
ESL Deep (>9.8 feet)			<i>0.7</i>	<i>0.46</i>	<i>0.5</i>

NOTES:

- EPA Environmental Protection Agency
- PCE Tetrachloroethene
- TCE Trichloroethene
- bgs Below ground surface.
- mg/kg Milligrams per kilogram.
- ESL Shallow ^ Environmental screening level (Table A - Commercial Land Use)/SWRCB Region 2 ESL Tables Interim Final - November 2007 (Revised May 2008)
- No Data / Not Analyzed
- ESL Deep ^^ Environmental screening level (Table C - Commercial Land Use)/SWRCB Region 2 ESL Tables Interim Final - November 2007 (Revised May 2008)
- <0.0048 Constituent not detected above specific minimum laboratory reporting limit.
- BOLD** Reported value exceeds ESL.

APPENDIX A
SOIL BORING LOGS



ATC Associates
 3600 Madison Avenue Suite 64
 North Highlands, CA 95660
 Telephone: 916-339-0477

BORING NUMBER ATC-1

CLIENT Wenigarten Realty Investors
PROJECT NUMBER 75.75354.0002
DATE STARTED 3/1/12 **COMPLETED** 3/1/12
DRILLING CONTRACTOR Cascade Drilling
DRILLING METHOD Direct Push Technology
LOGGED BY PK **CHECKED BY** GS
NOTES _____

PROJECT NAME 580 Market Place
PROJECT LOCATION 3735-4065 E. Castro Valley Blvd. Castor Valley, CA
GROUND ELEVATION _____ **HOLE SIZE** 2 inches
GROUND WATER LEVELS:
AT TIME OF DRILLING ---
AT END OF DRILLING ---
AFTER DRILLING ---

ENVIRONMENTAL BH - GINT STD US LAB.GDT - 3/6/12 13:03 - C:\DOCUMENTS AND SETTINGS\ALL USERS\BENTLEY\GINT\PROJECTS\CASTRO VALLEY.GPJ

DEPTH (ft)	SAMPLE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0						
0.5					Asphalt and Road Base 6-inches. Hand cleared to 5 ft bgs	
2.0	ATC-1 (2')		PID = 0		SILTY CLAY, (CL) 5 % gravel, 10 % sand, 85 % fines, medium dense, low plasticity	
4.0			PID = 0		SILTY CLAY, (CL) 100 % fines, medium dense, low plasticity	
10.0			PID = 0		SILTY CLAY, (CL) moist. Same as above	
11.5			PID = 0		Brick and gravel at 11.5 ft bgs	
15.0	ATC-1 (15')		PID = 0		SILTY CLAY, (CL) Same as above. Slight discoloration at 15 ft bgs	
20.0			PID = 0		CLAYEY SILT, (ML) 5 % sand, 95 % fines, medium dense, non plastic	
24.0			PID = 0		SILTY CLAY, (CL) 100 % fines, medium dense, low plasticity	
25.0			PID = 0		CLAYEY SILT, (ML) 5 % sand, 95 % fines, medium dense, non plastic	
29.0			PID = 0		SILTY CLAY, (CL) 100 % fines, medium dense, low plasticity	
31.0	ATC-1 (31')		PID = 0		Refusal at 31.0 feet. Bottom of borehole at 31.0 feet.	



ATC Associates
 3600 Madison Avenue Suite 64
 North Highlands, CA 95660
 Telephone: 916-339-0477

BORING NUMBER ATC-2

CLIENT <u>Wenigarten Realty Investors</u>	PROJECT NAME <u>580 Market Place</u>
PROJECT NUMBER <u>75.75354.0002</u>	PROJECT LOCATION <u>3735-4065 E. Castro Valley Blvd. Castro Valley, CA</u>
DATE STARTED <u>3/1/12</u> COMPLETED <u>3/1/12</u>	GROUND ELEVATION _____ HOLE SIZE <u>2 inches</u>
DRILLING CONTRACTOR <u>Cascade Drilling</u>	GROUND WATER LEVELS:
DRILLING METHOD <u>Direct Push Technology</u>	AT TIME OF DRILLING <u>---</u>
LOGGED BY <u>PK</u> CHECKED BY <u>GS</u>	AT END OF DRILLING <u>---</u>
NOTES _____	AFTER DRILLING <u>---</u>

DEPTH (ft)	SAMPLE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0						
0.5					Asphalt and Gravel 6-inches. Hand cleared to 5 ft bgs	
2.0	ATC-2 (2')		PID = 10		SILTY CLAY, (CL) 5 % sand, 95 % fines, medium dense, low plasticity, trace fine sand	
4.0			PID = 2.8		SILTY CLAY, (CL) 100 % fines, medium dense, low plasticity	
7.5	ATC-2 (7.5')		PID = 0		Wood debris/discoloration at 7.5 ft bgs	
12.0	ATC-2 (12')		PID = 0		CLAYEY SILT, (ML) 100 % fines, medium dense, non plastic	
15.0			PID = 0		SILTY CLAY, (CL) 100 % fines, medium dense, low plasticity	
21.0			PID = 0		CLAYEY SILT, (CL) 100 % fines, medium dense, non plastic	
24.5			PID = 0			

Refusal at 24.5 feet.
 Bottom of borehole at 24.5 feet.

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ATC Associates
 3600 Madison Avenue Suite 64
 North Highlands, CA 95660
 Telephone: 916-339-0477

BORING NUMBER ATC-3

CLIENT <u>Wenigarten Realty Investors</u>	PROJECT NAME <u>580 Market Place</u>
PROJECT NUMBER <u>75.75354.0002</u>	PROJECT LOCATION <u>3735-4065 E. Castro Valley Blvd. Castor Valley, CA</u>
DATE STARTED <u>3/1/12</u> COMPLETED <u>3/1/12</u>	GROUND ELEVATION _____ HOLE SIZE <u>2 inches</u>
DRILLING CONTRACTOR <u>Cascade Drilling</u>	GROUND WATER LEVELS:
DRILLING METHOD <u>Direct Push Technology</u>	AT TIME OF DRILLING <u>---</u>
LOGGED BY <u>PK</u> CHECKED BY <u>GS</u>	AT END OF DRILLING <u>---</u>
NOTES _____	AFTER DRILLING <u>---</u>

DEPTH (ft)	SAMPLE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0						
0.5					Asphalt and Road Base 6-inches. Hand cleared to 5 ft bgs	
2.0	ATC-3 (2')		PID = 0		CLAYEY SILT, (ML) 5 % sand, 95 % fines, medium dense, non plastic, trace sand	
4.0			PID = 0		SILTY CLAY, (CL) 100 % fines, medium dense, low plasticity	
8.0	ATC-3 (8')		PID = 0		Discoloration and trace gravel at 9 ft bgs	
17.0			PID = 0		CLAYEY SILT, (ML) 5 % sand, 95 % fines, medium dense, non plastic, trace sand	
19.0			PID = 0		SILTY CLAY, (CL) 100 % fines, medium dense, low plasticity	
24.0			PID = 0		CLAYEY SILT, (ML) 10 % sand, 90 % fines, dense, non plastic, trace sand	
27.5			PID = 0			

Refusal at 27.5 feet.
 Bottom of borehole at 27.5 feet.

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ATC Associates
 3600 Madison Avenue Suite 64
 North Highlands, CA 95660
 Telephone: 916-339-0477

BORING NUMBER ATC-4

CLIENT <u>Wenigarten Realty Investors</u>	PROJECT NAME <u>580 Market Place</u>
PROJECT NUMBER <u>75.75354.0002</u>	PROJECT LOCATION <u>3735-4065 E. Castro Valley Blvd. Castor Valley, CA</u>
DATE STARTED <u>3/1/12</u> COMPLETED <u>3/1/12</u>	GROUND ELEVATION _____ HOLE SIZE <u>2 inches</u>
DRILLING CONTRACTOR <u>Cascade Drilling</u>	GROUND WATER LEVELS:
DRILLING METHOD <u>Direct Push Technology</u>	AT TIME OF DRILLING <u>---</u>
LOGGED BY <u>PK</u> CHECKED BY <u>GS</u>	AT END OF DRILLING <u>---</u>
NOTES _____	AFTER DRILLING <u>---</u>

DEPTH (ft)	SAMPLE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0						
0.5					Asphalt and Road Base 6-inches. Hand cleared to 5 ft bgs	
2.0	ATC-4 (2')		PID = 0		CLAYEY SILT, (ML) 10 % sand, 90 % fines, medium dense, non plastic, trace fine sand	
4.0			PID = 0		SILTY CLAY, (CL) 100 % fines, medium dense, low plasticity	
8.0	ATC-4 (8')		PID = 0		Discoloration at 8 ft bgs	
14.0			PID = 0		CLAYEY SILT, (ML) 100 % fines, medium dense, non plastic	
16.0			PID = 0		SILTY CLAY, (CL) 5 % sand, 95 % fines, medium dense, non plastic, trace fine sand	
20.0			PID = 0		CLAYEY SILT, (ML) 100 % fines, medium dense, non plastic	
23.0			PID = 0		SILTY CLAY, (CL) 100 % fines, dense, low plasticity	
25.0					Refusal at 25.0 feet. Bottom of borehole at 25.0 feet.	

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APPENDIX B

**LABORATORY ANALYTICAL DATA REPORT
AND CHAIN OF CUSTODY DOCUMENT**

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 720-40691-1
Client Project/Site: 580 Market Place

For:
ATC Associates, Inc.
6602 Owens Drive Suite 100
Pleasanton, California 94588

Attn: Mr. Peter Kolodner



Authorized for release by:
3/2/2012 4:52:59 PM
Onieka Howard
Project Manager I
onieka.howard@testamericainc.com
Designee for
Dimple Sharma
Project Manager I
dimple.sharma@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

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

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

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Definitions/Glossary

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Glossary

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

Case Narrative

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Job ID: 720-40691-1

Laboratory: TestAmerica San Francisco

Narrative

Job Narrative
720-40691-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method(s) 8260B:

Method(s) 8260B: Internal standard responses were outside of acceptance limits for the following sample 720-40691-9. The sample shows evidence of matrix interference; confirmed by re-analysis.

No other analytical or quality issues were noted.

GC VOA

No analytical or quality issues were noted.

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Detection Summary

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Client Sample ID: ATC-1 (2')

Lab Sample ID: 720-40691-1

No Detections

Client Sample ID: ATC-1 (15')

Lab Sample ID: 720-40691-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	62		48		ug/Kg	1		8260B	Total/NA

Client Sample ID: ATC-2 (2')

Lab Sample ID: 720-40691-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	850		22		ug/Kg	1		8260B	Total/NA
Trichloroethene	47		22		ug/Kg	1		8260B	Total/NA

Client Sample ID: ATC-2 (7.5')

Lab Sample ID: 720-40691-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	71		47		ug/Kg	1		8260B	Total/NA

Client Sample ID: ATC-3 (2')

Lab Sample ID: 720-40691-7

No Detections

Client Sample ID: ATC-3 (8')

Lab Sample ID: 720-40691-8

No Detections

Client Sample ID: ATC-4 (2')

Lab Sample ID: 720-40691-9

No Detections

Client Sample ID: ATC-4 (8')

Lab Sample ID: 720-40691-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	79		47		ug/Kg	1		8260B	Total/NA

Client Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Client Sample ID: ATC-1 (2')

Lab Sample ID: 720-40691-1

Date Collected: 03/01/12 08:45

Matrix: Solid

Date Received: 03/01/12 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Acetone	ND		48		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Benzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Dichlorobromomethane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Bromobenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Chlorobromomethane	ND		19		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Bromoform	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Bromomethane	ND		9.7		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
2-Butanone (MEK)	ND		48		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
n-Butylbenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
sec-Butylbenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
tert-Butylbenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Carbon disulfide	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Carbon tetrachloride	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Chlorobenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Chloroethane	ND		9.7		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Chloroform	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Chloromethane	ND		9.7		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
2-Chlorotoluene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
4-Chlorotoluene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Chlorodibromomethane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
1,3-Dichloropropane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
1,1-Dichloropropene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
1,2-Dibromo-3-Chloropropane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Ethylene Dibromide	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Dibromomethane	ND		9.7		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Dichlorodifluoromethane	ND		9.7		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
1,1-Dichloroethane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
1,2-Dichloroethane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
1,1-Dichloroethene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
1,2-Dichloropropane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Ethylbenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Hexachlorobutadiene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
2-Hexanone	ND		48		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Isopropylbenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
4-Isopropyltoluene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Methylene Chloride	ND		9.7		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Naphthalene	ND		9.7		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
N-Propylbenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Styrene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Tetrachloroethene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1

Client Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Client Sample ID: ATC-1 (2')

Lab Sample ID: 720-40691-1

Date Collected: 03/01/12 08:45

Matrix: Solid

Date Received: 03/01/12 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Trichloroethene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Trichlorofluoromethane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Vinyl acetate	ND		48		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Vinyl chloride	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Xylenes, Total	ND		9.7		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
2,2-Dichloropropane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 16:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		45 - 131				03/01/12 16:00	03/01/12 16:44	1
1,2-Dichloroethane-d4 (Surr)	93		60 - 140				03/01/12 16:00	03/01/12 16:44	1
Toluene-d8 (Surr)	96		58 - 140				03/01/12 16:00	03/01/12 16:44	1

Client Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Client Sample ID: ATC-1 (15')

Lab Sample ID: 720-40691-2

Date Collected: 03/01/12 09:00

Matrix: Solid

Date Received: 03/01/12 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Acetone	62		48		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Benzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Dichlorobromomethane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Bromobenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Chlorobromomethane	ND		19		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Bromoform	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Bromomethane	ND		9.7		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
2-Butanone (MEK)	ND		48		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
n-Butylbenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
sec-Butylbenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
tert-Butylbenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Carbon disulfide	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Carbon tetrachloride	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Chlorobenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Chloroethane	ND		9.7		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Chloroform	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Chloromethane	ND		9.7		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
2-Chlorotoluene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
4-Chlorotoluene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Chlorodibromomethane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
1,3-Dichloropropane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
1,1-Dichloropropene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
1,2-Dibromo-3-Chloropropane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Ethylene Dibromide	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Dibromomethane	ND		9.7		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Dichlorodifluoromethane	ND		9.7		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
1,1-Dichloroethane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
1,2-Dichloroethane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
1,1-Dichloroethene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
1,2-Dichloropropane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Ethylbenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Hexachlorobutadiene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
2-Hexanone	ND		48		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Isopropylbenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
4-Isopropyltoluene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Methylene Chloride	ND		9.7		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Naphthalene	ND		9.7		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
N-Propylbenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Styrene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Tetrachloroethene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1

Client Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Client Sample ID: ATC-1 (15')

Lab Sample ID: 720-40691-2

Date Collected: 03/01/12 09:00

Matrix: Solid

Date Received: 03/01/12 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Trichloroethene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Trichlorofluoromethane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Vinyl acetate	ND		48		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Vinyl chloride	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Xylenes, Total	ND		9.7		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
2,2-Dichloropropane	ND		4.8		ug/Kg		03/01/12 16:00	03/01/12 17:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		45 - 131				03/01/12 16:00	03/01/12 17:13	1
1,2-Dichloroethane-d4 (Surr)	95		60 - 140				03/01/12 16:00	03/01/12 17:13	1
Toluene-d8 (Surr)	95		58 - 140				03/01/12 16:00	03/01/12 17:13	1

Client Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Client Sample ID: ATC-2 (2')

Lab Sample ID: 720-40691-4

Date Collected: 03/01/12 09:45

Matrix: Solid

Date Received: 03/01/12 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Acetone	ND		220		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Benzene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Dichlorobromomethane	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Bromobenzene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Chlorobromomethane	ND		86		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Bromoform	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Bromomethane	ND		43		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
2-Butanone (MEK)	ND		220		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
n-Butylbenzene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
sec-Butylbenzene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
tert-Butylbenzene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Carbon disulfide	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Carbon tetrachloride	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Chlorobenzene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Chloroethane	ND		43		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Chloroform	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Chloromethane	ND		43		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
2-Chlorotoluene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
4-Chlorotoluene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Chlorodibromomethane	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
1,2-Dichlorobenzene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
1,3-Dichlorobenzene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
1,4-Dichlorobenzene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
1,3-Dichloropropane	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
1,1-Dichloropropene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
1,2-Dibromo-3-Chloropropane	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Ethylene Dibromide	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Dibromomethane	ND		43		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Dichlorodifluoromethane	ND		43		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
1,1-Dichloroethane	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
1,2-Dichloroethane	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
1,1-Dichloroethene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
cis-1,2-Dichloroethene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
trans-1,2-Dichloroethene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
1,2-Dichloropropane	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
cis-1,3-Dichloropropene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
trans-1,3-Dichloropropene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Ethylbenzene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Hexachlorobutadiene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
2-Hexanone	ND		220		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Isopropylbenzene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
4-Isopropyltoluene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Methylene Chloride	ND		43		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
4-Methyl-2-pentanone (MIBK)	ND		220		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Naphthalene	ND		43		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
N-Propylbenzene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Styrene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
1,1,1,2-Tetrachloroethane	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
1,1,2,2-Tetrachloroethane	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Tetrachloroethene	850		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1

Client Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Client Sample ID: ATC-2 (2')

Lab Sample ID: 720-40691-4

Date Collected: 03/01/12 09:45

Matrix: Solid

Date Received: 03/01/12 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
1,2,3-Trichlorobenzene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
1,2,4-Trichlorobenzene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
1,1,1-Trichloroethane	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
1,1,2-Trichloroethane	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Trichloroethene	47		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Trichlorofluoromethane	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
1,2,3-Trichloropropane	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
1,2,4-Trimethylbenzene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
1,3,5-Trimethylbenzene	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Vinyl acetate	ND		220		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Vinyl chloride	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Xylenes, Total	ND		43		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
2,2-Dichloropropane	ND		22		ug/Kg		03/02/12 07:30	03/02/12 11:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		45 - 131				03/02/12 07:30	03/02/12 11:21	1
1,2-Dichloroethane-d4 (Surr)	97		60 - 140				03/02/12 07:30	03/02/12 11:21	1
Toluene-d8 (Surr)	95		58 - 140				03/02/12 07:30	03/02/12 11:21	1

Client Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Client Sample ID: ATC-2 (7.5')

Lab Sample ID: 720-40691-5

Date Collected: 03/01/12 09:55

Matrix: Solid

Date Received: 03/01/12 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Acetone	71		47		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Benzene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Dichlorobromomethane	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Bromobenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Chlorobromomethane	ND		19		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Bromoform	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Bromomethane	ND		9.3		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
2-Butanone (MEK)	ND		47		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
n-Butylbenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
sec-Butylbenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
tert-Butylbenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Carbon disulfide	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Carbon tetrachloride	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Chlorobenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Chloroethane	ND		9.3		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Chloroform	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Chloromethane	ND		9.3		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
2-Chlorotoluene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
4-Chlorotoluene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Chlorodibromomethane	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
1,2-Dichlorobenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
1,3-Dichlorobenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
1,4-Dichlorobenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
1,3-Dichloropropane	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
1,1-Dichloropropene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
1,2-Dibromo-3-Chloropropane	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Ethylene Dibromide	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Dibromomethane	ND		9.3		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Dichlorodifluoromethane	ND		9.3		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
1,1-Dichloroethane	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
1,2-Dichloroethane	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
1,1-Dichloroethene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
cis-1,2-Dichloroethene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
trans-1,2-Dichloroethene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
1,2-Dichloropropane	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
cis-1,3-Dichloropropene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
trans-1,3-Dichloropropene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Ethylbenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Hexachlorobutadiene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
2-Hexanone	ND		47		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Isopropylbenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
4-Isopropyltoluene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Methylene Chloride	ND		9.3		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
4-Methyl-2-pentanone (MIBK)	ND		47		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Naphthalene	ND		9.3		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
N-Propylbenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Styrene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
1,1,1,2-Tetrachloroethane	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
1,1,2,2-Tetrachloroethane	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Tetrachloroethene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1

Client Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Client Sample ID: ATC-2 (7.5')

Lab Sample ID: 720-40691-5

Date Collected: 03/01/12 09:55

Matrix: Solid

Date Received: 03/01/12 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
1,2,3-Trichlorobenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
1,2,4-Trichlorobenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
1,1,1-Trichloroethane	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
1,1,2-Trichloroethane	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Trichloroethene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Trichlorofluoromethane	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
1,2,3-Trichloropropane	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
1,2,4-Trimethylbenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
1,3,5-Trimethylbenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Vinyl acetate	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Vinyl chloride	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Xylenes, Total	ND		9.3		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
2,2-Dichloropropane	ND		4.7		ug/Kg		03/01/12 17:00	03/01/12 23:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		45 - 131				03/01/12 17:00	03/01/12 23:19	1
1,2-Dichloroethane-d4 (Surr)	95		60 - 140				03/01/12 17:00	03/01/12 23:19	1
Toluene-d8 (Surr)	96		58 - 140				03/01/12 17:00	03/01/12 23:19	1

Client Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Client Sample ID: ATC-3 (2')

Lab Sample ID: 720-40691-7

Date Collected: 03/01/12 10:35

Matrix: Solid

Date Received: 03/01/12 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Acetone	ND		44		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Benzene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Dichlorobromomethane	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Bromobenzene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Chlorobromomethane	ND		18		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Bromoform	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Bromomethane	ND		8.8		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
2-Butanone (MEK)	ND		44		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
n-Butylbenzene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
sec-Butylbenzene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
tert-Butylbenzene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Carbon disulfide	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Carbon tetrachloride	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Chlorobenzene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Chloroethane	ND		8.8		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Chloroform	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Chloromethane	ND		8.8		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
2-Chlorotoluene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
4-Chlorotoluene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Chlorodibromomethane	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
1,2-Dichlorobenzene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
1,3-Dichlorobenzene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
1,4-Dichlorobenzene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
1,3-Dichloropropane	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
1,1-Dichloropropene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
1,2-Dibromo-3-Chloropropane	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Ethylene Dibromide	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Dibromomethane	ND		8.8		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Dichlorodifluoromethane	ND		8.8		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
1,1-Dichloroethane	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
1,2-Dichloroethane	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
1,1-Dichloroethene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
cis-1,2-Dichloroethene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
trans-1,2-Dichloroethene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
1,2-Dichloropropane	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
cis-1,3-Dichloropropene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
trans-1,3-Dichloropropene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Ethylbenzene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Hexachlorobutadiene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
2-Hexanone	ND		44		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Isopropylbenzene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
4-Isopropyltoluene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Methylene Chloride	ND		8.8		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
4-Methyl-2-pentanone (MIBK)	ND		44		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Naphthalene	ND		8.8		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
N-Propylbenzene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Styrene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
1,1,1,2-Tetrachloroethane	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
1,1,2,2-Tetrachloroethane	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Tetrachloroethene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1

Client Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Client Sample ID: ATC-3 (2')

Lab Sample ID: 720-40691-7

Date Collected: 03/01/12 10:35

Matrix: Solid

Date Received: 03/01/12 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
1,2,3-Trichlorobenzene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
1,2,4-Trichlorobenzene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
1,1,1-Trichloroethane	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
1,1,2-Trichloroethane	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Trichloroethene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Trichlorofluoromethane	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
1,2,3-Trichloropropane	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
1,2,4-Trimethylbenzene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
1,3,5-Trimethylbenzene	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Vinyl acetate	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Vinyl chloride	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Xylenes, Total	ND		8.8		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
2,2-Dichloropropane	ND		4.4		ug/Kg		03/01/12 17:00	03/01/12 23:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		45 - 131				03/01/12 17:00	03/01/12 23:48	1
1,2-Dichloroethane-d4 (Surr)	96		60 - 140				03/01/12 17:00	03/01/12 23:48	1
Toluene-d8 (Surr)	95		58 - 140				03/01/12 17:00	03/01/12 23:48	1

Client Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Client Sample ID: ATC-3 (8')

Lab Sample ID: 720-40691-8

Date Collected: 03/01/12 10:50

Matrix: Solid

Date Received: 03/01/12 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Acetone	ND		45		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Benzene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Dichlorobromomethane	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Bromobenzene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Chlorobromomethane	ND		18		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Bromoform	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Bromomethane	ND		9.0		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
2-Butanone (MEK)	ND		45		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
n-Butylbenzene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
sec-Butylbenzene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
tert-Butylbenzene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Carbon disulfide	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Carbon tetrachloride	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Chlorobenzene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Chloroethane	ND		9.0		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Chloroform	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Chloromethane	ND		9.0		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
2-Chlorotoluene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
4-Chlorotoluene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Chlorodibromomethane	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
1,2-Dichlorobenzene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
1,3-Dichlorobenzene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
1,4-Dichlorobenzene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
1,3-Dichloropropane	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
1,1-Dichloropropene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
1,2-Dibromo-3-Chloropropane	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Ethylene Dibromide	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Dibromomethane	ND		9.0		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Dichlorodifluoromethane	ND		9.0		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
1,1-Dichloroethane	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
1,2-Dichloroethane	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
1,1-Dichloroethene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
cis-1,2-Dichloroethene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
trans-1,2-Dichloroethene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
1,2-Dichloropropane	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
cis-1,3-Dichloropropene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
trans-1,3-Dichloropropene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Ethylbenzene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Hexachlorobutadiene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
2-Hexanone	ND		45		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Isopropylbenzene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
4-Isopropyltoluene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Methylene Chloride	ND		9.0		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
4-Methyl-2-pentanone (MIBK)	ND		45		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Naphthalene	ND		9.0		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
N-Propylbenzene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Styrene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
1,1,1,2-Tetrachloroethane	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
1,1,2,2-Tetrachloroethane	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Tetrachloroethene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1

Client Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Client Sample ID: ATC-3 (8')

Lab Sample ID: 720-40691-8

Date Collected: 03/01/12 10:50

Matrix: Solid

Date Received: 03/01/12 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
1,2,3-Trichlorobenzene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
1,2,4-Trichlorobenzene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
1,1,1-Trichloroethane	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
1,1,2-Trichloroethane	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Trichloroethene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Trichlorofluoromethane	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
1,2,3-Trichloropropane	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
1,2,4-Trimethylbenzene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
1,3,5-Trimethylbenzene	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Vinyl acetate	ND		45		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Vinyl chloride	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Xylenes, Total	ND		9.0		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
2,2-Dichloropropane	ND		4.5		ug/Kg		03/01/12 17:00	03/02/12 00:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		45 - 131				03/01/12 17:00	03/02/12 00:17	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 140				03/01/12 17:00	03/02/12 00:17	1
Toluene-d8 (Surr)	95		58 - 140				03/01/12 17:00	03/02/12 00:17	1

Client Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Client Sample ID: ATC-4 (2')

Lab Sample ID: 720-40691-9

Date Collected: 03/01/12 11:35

Matrix: Solid

Date Received: 03/01/12 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Acetone	ND		49		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Benzene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Dichlorobromomethane	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Bromobenzene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Chlorobromomethane	ND		19		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Bromoform	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Bromomethane	ND		9.7		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
2-Butanone (MEK)	ND		49		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
n-Butylbenzene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
sec-Butylbenzene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
tert-Butylbenzene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Carbon disulfide	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Carbon tetrachloride	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Chlorobenzene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Chloroethane	ND		9.7		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Chloroform	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Chloromethane	ND		9.7		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
2-Chlorotoluene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
4-Chlorotoluene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Chlorodibromomethane	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
1,3-Dichloropropane	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
1,1-Dichloropropene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
1,2-Dibromo-3-Chloropropane	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Ethylene Dibromide	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Dibromomethane	ND		9.7		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Dichlorodifluoromethane	ND		9.7		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
1,1-Dichloroethane	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
1,2-Dichloroethane	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
1,1-Dichloroethene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
1,2-Dichloropropane	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Ethylbenzene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Hexachlorobutadiene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
2-Hexanone	ND		49		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Isopropylbenzene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
4-Isopropyltoluene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Methylene Chloride	ND		9.7		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Naphthalene	ND		9.7		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
N-Propylbenzene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Styrene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
1,1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Tetrachloroethene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1

Client Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Client Sample ID: ATC-4 (2')

Lab Sample ID: 720-40691-9

Date Collected: 03/01/12 11:35

Matrix: Solid

Date Received: 03/01/12 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Trichloroethene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Trichlorofluoromethane	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Vinyl acetate	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Vinyl chloride	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Xylenes, Total	ND		9.7		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
2,2-Dichloropropane	ND		4.9		ug/Kg		03/02/12 07:30	03/02/12 11:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	81		45 - 131				03/02/12 07:30	03/02/12 11:50	1
1,2-Dichloroethane-d4 (Surr)	101		60 - 140				03/02/12 07:30	03/02/12 11:50	1
Toluene-d8 (Surr)	92		58 - 140				03/02/12 07:30	03/02/12 11:50	1

Client Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Client Sample ID: ATC-4 (8')

Lab Sample ID: 720-40691-10

Date Collected: 03/01/12 11:45

Matrix: Solid

Date Received: 03/01/12 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Acetone	79		47		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Benzene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Dichlorobromomethane	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Bromobenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Chlorobromomethane	ND		19		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Bromoform	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Bromomethane	ND		9.4		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
2-Butanone (MEK)	ND		47		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
n-Butylbenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
sec-Butylbenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
tert-Butylbenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Carbon disulfide	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Carbon tetrachloride	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Chlorobenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Chloroethane	ND		9.4		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Chloroform	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Chloromethane	ND		9.4		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
2-Chlorotoluene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
4-Chlorotoluene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Chlorodibromomethane	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
1,2-Dichlorobenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
1,3-Dichlorobenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
1,4-Dichlorobenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
1,3-Dichloropropane	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
1,1-Dichloropropene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
1,2-Dibromo-3-Chloropropane	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Ethylene Dibromide	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Dibromomethane	ND		9.4		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Dichlorodifluoromethane	ND		9.4		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
1,1-Dichloroethane	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
1,2-Dichloroethane	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
1,1-Dichloroethene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
cis-1,2-Dichloroethene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
trans-1,2-Dichloroethene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
1,2-Dichloropropane	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
cis-1,3-Dichloropropene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
trans-1,3-Dichloropropene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Ethylbenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Hexachlorobutadiene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
2-Hexanone	ND		47		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Isopropylbenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
4-Isopropyltoluene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Methylene Chloride	ND		9.4		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
4-Methyl-2-pentanone (MIBK)	ND		47		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Naphthalene	ND		9.4		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
N-Propylbenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Styrene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
1,1,1,2-Tetrachloroethane	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
1,1,1,2,2-Tetrachloroethane	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Tetrachloroethene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1

Client Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Client Sample ID: ATC-4 (8')

Lab Sample ID: 720-40691-10

Date Collected: 03/01/12 11:45

Matrix: Solid

Date Received: 03/01/12 14:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
1,2,3-Trichlorobenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
1,2,4-Trichlorobenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
1,1,1-Trichloroethane	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
1,1,2-Trichloroethane	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Trichloroethene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Trichlorofluoromethane	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
1,2,3-Trichloropropane	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
1,2,4-Trimethylbenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
1,3,5-Trimethylbenzene	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Vinyl acetate	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Vinyl chloride	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Xylenes, Total	ND		9.4		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
2,2-Dichloropropane	ND		4.7		ug/Kg		03/01/12 17:00	03/02/12 01:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		45 - 131				03/01/12 17:00	03/02/12 01:15	1
1,2-Dichloroethane-d4 (Surr)	97		60 - 140				03/01/12 17:00	03/02/12 01:15	1
Toluene-d8 (Surr)	96		58 - 140				03/01/12 17:00	03/02/12 01:15	1

QC Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

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

Lab Sample ID: MB 720-108936/1-A

Matrix: Solid

Analysis Batch: 108919

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108936

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Acetone	ND		50		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Benzene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Dichlorobromomethane	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Bromobenzene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Chlorobromomethane	ND		20		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Bromoform	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Bromomethane	ND		10		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
2-Butanone (MEK)	ND		50		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
n-Butylbenzene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
sec-Butylbenzene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
tert-Butylbenzene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Carbon disulfide	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Carbon tetrachloride	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Chlorobenzene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Chloroethane	ND		10		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Chloroform	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Chloromethane	ND		10		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
2-Chlorotoluene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
4-Chlorotoluene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Chlorodibromomethane	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
1,3-Dichloropropane	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
1,1-Dichloropropene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Ethylene Dibromide	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Dibromomethane	ND		10		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Dichlorodifluoromethane	ND		10		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
1,1-Dichloroethane	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
1,2-Dichloroethane	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
1,1-Dichloroethene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
1,2-Dichloropropane	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Ethylbenzene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Hexachlorobutadiene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
2-Hexanone	ND		50		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Isopropylbenzene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
4-Isopropyltoluene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Methylene Chloride	ND		10		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Naphthalene	ND		10		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
N-Propylbenzene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Styrene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1

QC Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

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

Lab Sample ID: MB 720-108936/1-A

Matrix: Solid

Analysis Batch: 108919

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108936

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Tetrachloroethene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Toluene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Trichloroethene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Trichlorofluoromethane	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Vinyl acetate	ND		50		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Vinyl chloride	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
Xylenes, Total	ND		10		ug/Kg		03/01/12 09:00	03/01/12 09:22	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/01/12 09:00	03/01/12 09:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		45 - 131	03/01/12 09:00	03/01/12 09:22	1
1,2-Dichloroethane-d4 (Surr)	102		60 - 140	03/01/12 09:00	03/01/12 09:22	1
Toluene-d8 (Surr)	98		58 - 140	03/01/12 09:00	03/01/12 09:22	1

Lab Sample ID: LCS 720-108936/2-A

Matrix: Solid

Analysis Batch: 108919

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108936

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Methyl tert-butyl ether	50.0	50.6		ug/Kg		101	70 - 144
Acetone	250	223		ug/Kg		89	30 - 162
Benzene	50.0	46.4		ug/Kg		93	70 - 130
Dichlorobromomethane	50.0	50.8		ug/Kg		102	70 - 131
Bromobenzene	50.0	45.2		ug/Kg		90	70 - 130
Chlorobromomethane	50.0	51.0		ug/Kg		102	70 - 130
Bromoform	50.0	54.0		ug/Kg		108	59 - 158
Bromomethane	50.0	45.2		ug/Kg		90	59 - 132
2-Butanone (MEK)	250	235		ug/Kg		94	60 - 150
n-Butylbenzene	50.0	47.6		ug/Kg		95	70 - 142
sec-Butylbenzene	50.0	46.6		ug/Kg		93	70 - 136
tert-Butylbenzene	50.0	46.6		ug/Kg		93	70 - 130
Carbon disulfide	50.0	45.0		ug/Kg		90	60 - 140
Carbon tetrachloride	50.0	50.6		ug/Kg		101	70 - 138
Chlorobenzene	50.0	44.4		ug/Kg		89	70 - 130
Chloroethane	50.0	45.8		ug/Kg		92	65 - 130
Chloroform	50.0	47.4		ug/Kg		95	77 - 127
Chloromethane	50.0	42.8		ug/Kg		86	55 - 140
2-Chlorotoluene	50.0	45.6		ug/Kg		91	70 - 138
4-Chlorotoluene	50.0	44.2		ug/Kg		88	70 - 136
Chlorodibromomethane	50.0	43.8		ug/Kg		88	70 - 146

QC Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

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

Lab Sample ID: LCS 720-108936/2-A

Matrix: Solid

Analysis Batch: 108919

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108936

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
1,2-Dichlorobenzene	50.0	43.8		ug/Kg		88	70 - 130
1,3-Dichlorobenzene	50.0	44.2		ug/Kg		88	70 - 131
1,4-Dichlorobenzene	50.0	42.8		ug/Kg		86	70 - 130
1,3-Dichloropropane	50.0	49.0		ug/Kg		98	70 - 140
1,1-Dichloropropene	50.0	44.4		ug/Kg		89	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	53.8		ug/Kg		108	60 - 145
Ethylene Dibromide	50.0	50.8		ug/Kg		102	70 - 140
Dibromomethane	50.0	48.6		ug/Kg		97	70 - 139
Dichlorodifluoromethane	50.0	41.8		ug/Kg		84	37 - 158
1,1-Dichloroethane	50.0	48.0		ug/Kg		96	70 - 130
1,2-Dichloroethane	50.0	46.2		ug/Kg		92	70 - 130
1,1-Dichloroethene	50.0	42.8		ug/Kg		86	76 - 122
cis-1,2-Dichloroethene	50.0	53.2		ug/Kg		106	70 - 138
trans-1,2-Dichloroethene	50.0	39.4		ug/Kg		79	67 - 130
1,2-Dichloropropane	50.0	46.6		ug/Kg		93	73 - 127
cis-1,3-Dichloropropene	50.0	45.2		ug/Kg		90	68 - 147
trans-1,3-Dichloropropene	50.0	46.8		ug/Kg		94	70 - 136
Ethylbenzene	50.0	44.4		ug/Kg		89	80 - 137
Hexachlorobutadiene	50.0	44.0		ug/Kg		88	70 - 132
2-Hexanone	250	246		ug/Kg		98	60 - 161
Isopropylbenzene	50.0	47.4		ug/Kg		95	88 - 128
4-Isopropyltoluene	50.0	48.0		ug/Kg		96	70 - 133
Methylene Chloride	50.0	45.6		ug/Kg		91	70 - 134
4-Methyl-2-pentanone (MIBK)	250	250		ug/Kg		100	60 - 160
Naphthalene	50.0	47.4		ug/Kg		95	60 - 147
N-Propylbenzene	50.0	44.2		ug/Kg		88	70 - 130
Styrene	50.0	45.4		ug/Kg		91	70 - 130
1,1,1,2-Tetrachloroethane	50.0	52.4		ug/Kg		105	70 - 130
1,1,1,2,2-Tetrachloroethane	50.0	50.2		ug/Kg		100	70 - 146
Tetrachloroethene	50.0	42.8		ug/Kg		86	70 - 132
Toluene	50.0	45.2		ug/Kg		90	80 - 128
1,2,3-Trichlorobenzene	50.0	42.6		ug/Kg		85	60 - 140
1,2,4-Trichlorobenzene	50.0	41.6		ug/Kg		83	60 - 140
1,1,1-Trichloroethane	50.0	51.0		ug/Kg		102	70 - 130
1,1,2-Trichloroethane	50.0	49.4		ug/Kg		99	70 - 130
Trichloroethene	50.0	44.0		ug/Kg		88	70 - 133
Trichlorofluoromethane	50.0	49.0		ug/Kg		98	60 - 140
1,2,3-Trichloropropane	50.0	51.4		ug/Kg		103	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.4		ug/Kg		89	60 - 140
1,2,4-Trimethylbenzene	50.0	44.8		ug/Kg		90	70 - 130
1,3,5-Trimethylbenzene	50.0	46.2		ug/Kg		92	70 - 131
Vinyl acetate	50.0	67.8		ug/Kg		136	38 - 176
Vinyl chloride	50.0	46.6		ug/Kg		93	58 - 125
m-Xylene & p-Xylene	100	90.4		ug/Kg		90	70 - 146
o-Xylene	50.0	47.0		ug/Kg		94	70 - 140
2,2-Dichloropropane	50.0	60.2		ug/Kg		120	70 - 162

QC Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

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

Lab Sample ID: LCS 720-108936/2-A

Matrix: Solid

Analysis Batch: 108919

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108936

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	96		45 - 131
1,2-Dichloroethane-d4 (Surr)	93		60 - 140
Toluene-d8 (Surr)	98		58 - 140

Lab Sample ID: LCSD 720-108936/3-A

Matrix: Solid

Analysis Batch: 108919

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108936

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Methyl tert-butyl ether	50.0	51.0		ug/Kg		102	70 - 144	1	20	
Acetone	250	258		ug/Kg		103	30 - 162	15	30	
Benzene	50.0	48.8		ug/Kg		98	70 - 130	5	20	
Dichlorobromomethane	50.0	52.8		ug/Kg		106	70 - 131	4	20	
Bromobenzene	50.0	47.6		ug/Kg		95	70 - 130	5	20	
Chlorobromomethane	50.0	52.0		ug/Kg		104	70 - 130	2	20	
Bromoform	50.0	55.6		ug/Kg		111	59 - 158	3	20	
Bromomethane	50.0	43.6		ug/Kg		87	59 - 132	4	20	
2-Butanone (MEK)	250	258		ug/Kg		103	60 - 150	9	20	
n-Butylbenzene	50.0	54.4		ug/Kg		109	70 - 142	13	20	
sec-Butylbenzene	50.0	52.2		ug/Kg		104	70 - 136	11	20	
tert-Butylbenzene	50.0	51.8		ug/Kg		104	70 - 130	11	20	
Carbon disulfide	50.0	49.0		ug/Kg		98	60 - 140	9	20	
Carbon tetrachloride	50.0	56.2		ug/Kg		112	70 - 138	10	20	
Chlorobenzene	50.0	48.4		ug/Kg		97	70 - 130	9	20	
Chloroethane	50.0	44.6		ug/Kg		89	65 - 130	3	20	
Chloroform	50.0	49.0		ug/Kg		98	77 - 127	3	20	
Chloromethane	50.0	40.2		ug/Kg		80	55 - 140	6	20	
2-Chlorotoluene	50.0	50.6		ug/Kg		101	70 - 138	10	20	
4-Chlorotoluene	50.0	49.0		ug/Kg		98	70 - 136	10	20	
Chlorodibromomethane	50.0	45.0		ug/Kg		90	70 - 146	3	20	
1,2-Dichlorobenzene	50.0	47.8		ug/Kg		96	70 - 130	9	20	
1,3-Dichlorobenzene	50.0	49.8		ug/Kg		100	70 - 131	12	20	
1,4-Dichlorobenzene	50.0	48.8		ug/Kg		98	70 - 130	13	20	
1,3-Dichloropropane	50.0	49.4		ug/Kg		99	70 - 140	1	20	
1,1-Dichloropropene	50.0	50.6		ug/Kg		101	70 - 130	13	20	
1,2-Dibromo-3-Chloropropane	50.0	53.6		ug/Kg		107	60 - 145	0	20	
Ethylene Dibromide	50.0	52.6		ug/Kg		105	70 - 140	3	20	
Dibromomethane	50.0	50.0		ug/Kg		100	70 - 139	3	20	
Dichlorodifluoromethane	50.0	40.4		ug/Kg		81	37 - 158	3	20	
1,1-Dichloroethane	50.0	49.0		ug/Kg		98	70 - 130	2	20	
1,2-Dichloroethane	50.0	47.0		ug/Kg		94	70 - 130	2	20	
1,1-Dichloroethene	50.0	47.2		ug/Kg		94	76 - 122	10	20	
cis-1,2-Dichloroethene	50.0	55.6		ug/Kg		111	70 - 138	4	20	
trans-1,2-Dichloroethene	50.0	42.2		ug/Kg		84	67 - 130	7	20	
1,2-Dichloropropane	50.0	47.0		ug/Kg		94	73 - 127	1	20	
cis-1,3-Dichloropropene	50.0	46.8		ug/Kg		94	68 - 147	3	20	
trans-1,3-Dichloropropene	50.0	48.2		ug/Kg		96	70 - 136	3	20	
Ethylbenzene	50.0	49.6		ug/Kg		99	80 - 137	11	20	
Hexachlorobutadiene	50.0	51.2		ug/Kg		102	70 - 132	15	20	

QC Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

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

Lab Sample ID: LCSD 720-108936/3-A

Matrix: Solid

Analysis Batch: 108919

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108936

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
2-Hexanone	250	253		ug/Kg		101	60 - 161	3	20	
Isopropylbenzene	50.0	53.8		ug/Kg		108	88 - 128	13	20	
4-Isopropyltoluene	50.0	55.0		ug/Kg		110	70 - 133	14	20	
Methylene Chloride	50.0	46.0		ug/Kg		92	70 - 134	1	20	
4-Methyl-2-pentanone (MIBK)	250	250		ug/Kg		100	60 - 160	0	20	
Naphthalene	50.0	51.6		ug/Kg		103	60 - 147	8	20	
N-Propylbenzene	50.0	49.4		ug/Kg		99	70 - 130	11	20	
Styrene	50.0	50.4		ug/Kg		101	70 - 130	10	20	
1,1,1,2-Tetrachloroethane	50.0	56.0		ug/Kg		112	70 - 130	7	20	
1,1,1,2,2-Tetrachloroethane	50.0	50.0		ug/Kg		100	70 - 146	0	20	
Tetrachloroethene	50.0	51.4		ug/Kg		103	70 - 132	18	20	
Toluene	50.0	49.0		ug/Kg		98	80 - 128	8	20	
1,2,3-Trichlorobenzene	50.0	50.2		ug/Kg		100	60 - 140	16	20	
1,2,4-Trichlorobenzene	50.0	50.4		ug/Kg		101	60 - 140	19	20	
1,1,1-Trichloroethane	50.0	53.6		ug/Kg		107	70 - 130	5	20	
1,1,2-Trichloroethane	50.0	49.2		ug/Kg		98	70 - 130	0	20	
Trichloroethene	50.0	48.6		ug/Kg		97	70 - 133	10	20	
Trichlorofluoromethane	50.0	47.4		ug/Kg		95	60 - 140	3	20	
1,2,3-Trichloropropane	50.0	50.8		ug/Kg		102	70 - 146	1	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	53.8		ug/Kg		108	60 - 140	19	20	
1,2,4-Trimethylbenzene	50.0	50.2		ug/Kg		100	70 - 130	11	20	
1,3,5-Trimethylbenzene	50.0	51.8		ug/Kg		104	70 - 131	11	20	
Vinyl acetate	50.0	65.8		ug/Kg		132	38 - 176	3	20	
Vinyl chloride	50.0	41.4		ug/Kg		83	58 - 125	12	20	
m-Xylene & p-Xylene	100	103		ug/Kg		103	70 - 146	13	20	
o-Xylene	50.0	51.2		ug/Kg		102	70 - 140	9	20	
2,2-Dichloropropane	50.0	60.6		ug/Kg		121	70 - 162	1	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	99		45 - 131
1,2-Dichloroethane-d4 (Surr)	97		60 - 140
Toluene-d8 (Surr)	99		58 - 140

Lab Sample ID: MB 720-108985/1-A

Matrix: Solid

Analysis Batch: 108960

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108985

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Acetone	ND		50		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Benzene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Dichlorobromomethane	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Bromobenzene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Chlorobromomethane	ND		20		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Bromoform	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Bromomethane	ND		10		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
2-Butanone (MEK)	ND		50		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
n-Butylbenzene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
sec-Butylbenzene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1

QC Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

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

Lab Sample ID: MB 720-108985/1-A

Matrix: Solid

Analysis Batch: 108960

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108985

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Carbon disulfide	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Carbon tetrachloride	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Chlorobenzene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Chloroethane	ND		10		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Chloroform	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Chloromethane	ND		10		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
2-Chlorotoluene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
4-Chlorotoluene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Chlorodibromomethane	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
1,3-Dichloropropane	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
1,1-Dichloropropene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Ethylene Dibromide	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Dibromomethane	ND		10		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Dichlorodifluoromethane	ND		10		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
1,1-Dichloroethane	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
1,2-Dichloroethane	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
1,1-Dichloroethene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
1,2-Dichloropropane	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Ethylbenzene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Hexachlorobutadiene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
2-Hexanone	ND		50		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Isopropylbenzene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
4-Isopropyltoluene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Methylene Chloride	ND		10		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Naphthalene	ND		10		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
N-Propylbenzene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Styrene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Tetrachloroethene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Toluene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Trichloroethene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Trichlorofluoromethane	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1

QC Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

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

Lab Sample ID: MB 720-108985/1-A

Matrix: Solid

Analysis Batch: 108960

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 108985

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Vinyl acetate	ND		50		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Vinyl chloride	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
Xylenes, Total	ND		10		ug/Kg		03/01/12 17:00	03/01/12 19:27	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/01/12 17:00	03/01/12 19:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		45 - 131	03/01/12 17:00	03/01/12 19:27	1
1,2-Dichloroethane-d4 (Surr)	98		60 - 140	03/01/12 17:00	03/01/12 19:27	1
Toluene-d8 (Surr)	98		58 - 140	03/01/12 17:00	03/01/12 19:27	1

Lab Sample ID: LCS 720-108985/2-A

Matrix: Solid

Analysis Batch: 108960

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108985

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	57.0		ug/Kg		114	70 - 144
Acetone	250	288		ug/Kg		115	30 - 162
Benzene	50.0	50.2		ug/Kg		100	70 - 130
Dichlorobromomethane	50.0	56.4		ug/Kg		113	70 - 131
Bromobenzene	50.0	49.4		ug/Kg		99	70 - 130
Chlorobromomethane	50.0	53.8		ug/Kg		108	70 - 130
Bromoform	50.0	58.8		ug/Kg		118	59 - 158
Bromomethane	50.0	43.0		ug/Kg		86	59 - 132
2-Butanone (MEK)	250	308		ug/Kg		123	60 - 150
n-Butylbenzene	50.0	54.6		ug/Kg		109	70 - 142
sec-Butylbenzene	50.0	52.6		ug/Kg		105	70 - 136
tert-Butylbenzene	50.0	51.2		ug/Kg		102	70 - 130
Carbon disulfide	50.0	48.4		ug/Kg		97	60 - 140
Carbon tetrachloride	50.0	55.4		ug/Kg		111	70 - 138
Chlorobenzene	50.0	48.2		ug/Kg		96	70 - 130
Chloroethane	50.0	44.8		ug/Kg		90	65 - 130
Chloroform	50.0	50.8		ug/Kg		102	77 - 127
Chloromethane	50.0	40.8		ug/Kg		82	55 - 140
2-Chlorotoluene	50.0	51.8		ug/Kg		104	70 - 138
4-Chlorotoluene	50.0	51.0		ug/Kg		102	70 - 136
Chlorodibromomethane	50.0	48.0		ug/Kg		96	70 - 146
1,2-Dichlorobenzene	50.0	49.2		ug/Kg		98	70 - 130
1,3-Dichlorobenzene	50.0	50.4		ug/Kg		101	70 - 131
1,4-Dichlorobenzene	50.0	49.8		ug/Kg		100	70 - 130
1,3-Dichloropropane	50.0	55.8		ug/Kg		112	70 - 140
1,1-Dichloropropene	50.0	51.8		ug/Kg		104	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	62.8		ug/Kg		126	60 - 145
Ethylene Dibromide	50.0	59.0		ug/Kg		118	70 - 140
Dibromomethane	50.0	54.4		ug/Kg		109	70 - 139
Dichlorodifluoromethane	50.0	38.8		ug/Kg		78	37 - 158
1,1-Dichloroethane	50.0	51.2		ug/Kg		102	70 - 130
1,2-Dichloroethane	50.0	52.2		ug/Kg		104	70 - 130
1,1-Dichloroethene	50.0	47.4		ug/Kg		95	76 - 122

QC Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

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

Lab Sample ID: LCS 720-108985/2-A

Matrix: Solid

Analysis Batch: 108960

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 108985

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	
cis-1,2-Dichloroethene	50.0	59.2		ug/Kg		118	70 - 138	
trans-1,2-Dichloroethene	50.0	42.8		ug/Kg		86	67 - 130	
1,2-Dichloropropane	50.0	50.8		ug/Kg		102	73 - 127	
cis-1,3-Dichloropropene	50.0	49.8		ug/Kg		100	68 - 147	
trans-1,3-Dichloropropene	50.0	52.4		ug/Kg		105	70 - 136	
Ethylbenzene	50.0	49.6		ug/Kg		99	80 - 137	
Hexachlorobutadiene	50.0	49.4		ug/Kg		99	70 - 132	
2-Hexanone	250	317		ug/Kg		127	60 - 161	
Isopropylbenzene	50.0	52.8		ug/Kg		106	88 - 128	
4-Isopropyltoluene	50.0	53.4		ug/Kg		107	70 - 133	
Methylene Chloride	50.0	47.8		ug/Kg		96	70 - 134	
4-Methyl-2-pentanone (MIBK)	250	317		ug/Kg		127	60 - 160	
Naphthalene	50.0	57.2		ug/Kg		114	60 - 147	
N-Propylbenzene	50.0	50.2		ug/Kg		100	70 - 130	
Styrene	50.0	50.8		ug/Kg		102	70 - 130	
1,1,1,2-Tetrachloroethane	50.0	55.4		ug/Kg		111	70 - 130	
1,1,1,2-Tetrachloroethane	50.0	57.6		ug/Kg		115	70 - 146	
Tetrachloroethene	50.0	51.4		ug/Kg		103	70 - 132	
Toluene	50.0	48.8		ug/Kg		98	80 - 128	
1,2,3-Trichlorobenzene	50.0	51.0		ug/Kg		102	60 - 140	
1,2,4-Trichlorobenzene	50.0	48.8		ug/Kg		98	60 - 140	
1,1,1-Trichloroethane	50.0	53.6		ug/Kg		107	70 - 130	
1,1,2-Trichloroethane	50.0	55.6		ug/Kg		111	70 - 130	
Trichloroethene	50.0	49.0		ug/Kg		98	70 - 133	
Trichlorofluoromethane	50.0	46.6		ug/Kg		93	60 - 140	
1,2,3-Trichloropropane	50.0	59.0		ug/Kg		118	70 - 146	
1,1,2-Trichloro-1,1,2-trifluoroethane	50.0	52.4		ug/Kg		105	60 - 140	
1,2,4-Trimethylbenzene	50.0	51.0		ug/Kg		102	70 - 130	
1,3,5-Trimethylbenzene	50.0	52.4		ug/Kg		105	70 - 131	
Vinyl acetate	50.0	77.6		ug/Kg		155	38 - 176	
Vinyl chloride	50.0	44.8		ug/Kg		90	58 - 125	
m-Xylene & p-Xylene	100	102		ug/Kg		102	70 - 146	
o-Xylene	50.0	51.8		ug/Kg		104	70 - 140	
2,2-Dichloropropane	50.0	57.6		ug/Kg		115	70 - 162	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	99		45 - 131
1,2-Dichloroethane-d4 (Surr)	102		60 - 140
Toluene-d8 (Surr)	100		58 - 140

Lab Sample ID: LCSD 720-108985/3-A

Matrix: Solid

Analysis Batch: 108960

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108985

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits			
Methyl tert-butyl ether	50.0	55.6		ug/Kg		111	70 - 144	2	20	
Acetone	250	292		ug/Kg		117	30 - 162	1	30	
Benzene	50.0	48.2		ug/Kg		96	70 - 130	4	20	
Dichlorobromomethane	50.0	55.0		ug/Kg		110	70 - 131	3	20	

QC Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

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

Lab Sample ID: LCSD 720-108985/3-A

Matrix: Solid

Analysis Batch: 108960

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108985

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Bromobenzene	50.0	48.2		ug/Kg		96	70 - 130	2	20	
Chlorobromomethane	50.0	54.0		ug/Kg		108	70 - 130	0	20	
Bromoform	50.0	59.6		ug/Kg		119	59 - 158	1	20	
Bromomethane	50.0	42.6		ug/Kg		85	59 - 132	1	20	
2-Butanone (MEK)	250	288		ug/Kg		115	60 - 150	7	20	
n-Butylbenzene	50.0	53.8		ug/Kg		108	70 - 142	1	20	
sec-Butylbenzene	50.0	51.4		ug/Kg		103	70 - 136	2	20	
tert-Butylbenzene	50.0	50.6		ug/Kg		101	70 - 130	1	20	
Carbon disulfide	50.0	47.4		ug/Kg		95	60 - 140	2	20	
Carbon tetrachloride	50.0	55.6		ug/Kg		111	70 - 138	0	20	
Chlorobenzene	50.0	48.6		ug/Kg		97	70 - 130	1	20	
Chloroethane	50.0	43.2		ug/Kg		86	65 - 130	4	20	
Chloroform	50.0	49.4		ug/Kg		99	77 - 127	3	20	
Chloromethane	50.0	38.8		ug/Kg		78	55 - 140	5	20	
2-Chlorotoluene	50.0	49.6		ug/Kg		99	70 - 138	4	20	
4-Chlorotoluene	50.0	49.0		ug/Kg		98	70 - 136	4	20	
Chlorodibromomethane	50.0	47.4		ug/Kg		95	70 - 146	1	20	
1,2-Dichlorobenzene	50.0	48.4		ug/Kg		97	70 - 130	2	20	
1,3-Dichlorobenzene	50.0	49.6		ug/Kg		99	70 - 131	2	20	
1,4-Dichlorobenzene	50.0	49.0		ug/Kg		98	70 - 130	2	20	
1,3-Dichloropropane	50.0	53.6		ug/Kg		107	70 - 140	4	20	
1,1-Dichloropropene	50.0	50.6		ug/Kg		101	70 - 130	2	20	
1,2-Dibromo-3-Chloropropane	50.0	59.4		ug/Kg		119	60 - 145	6	20	
Ethylene Dibromide	50.0	57.0		ug/Kg		114	70 - 140	3	20	
Dibromomethane	50.0	52.6		ug/Kg		105	70 - 139	3	20	
Dichlorodifluoromethane	50.0	38.4		ug/Kg		77	37 - 158	1	20	
1,1-Dichloroethane	50.0	49.4		ug/Kg		99	70 - 130	4	20	
1,2-Dichloroethane	50.0	49.6		ug/Kg		99	70 - 130	5	20	
1,1-Dichloroethene	50.0	47.0		ug/Kg		94	76 - 122	1	20	
cis-1,2-Dichloroethene	50.0	56.4		ug/Kg		113	70 - 138	5	20	
trans-1,2-Dichloroethene	50.0	42.6		ug/Kg		85	67 - 130	0	20	
1,2-Dichloropropane	50.0	48.6		ug/Kg		97	73 - 127	4	20	
cis-1,3-Dichloropropene	50.0	48.6		ug/Kg		97	68 - 147	2	20	
trans-1,3-Dichloropropene	50.0	50.4		ug/Kg		101	70 - 136	4	20	
Ethylbenzene	50.0	49.0		ug/Kg		98	80 - 137	1	20	
Hexachlorobutadiene	50.0	51.6		ug/Kg		103	70 - 132	4	20	
2-Hexanone	250	292		ug/Kg		117	60 - 161	8	20	
Isopropylbenzene	50.0	53.0		ug/Kg		106	88 - 128	0	20	
4-Isopropyltoluene	50.0	52.6		ug/Kg		105	70 - 133	2	20	
Methylene Chloride	50.0	46.2		ug/Kg		92	70 - 134	3	20	
4-Methyl-2-pentanone (MIBK)	250	292		ug/Kg		117	60 - 160	8	20	
Naphthalene	50.0	56.2		ug/Kg		112	60 - 147	2	20	
N-Propylbenzene	50.0	48.6		ug/Kg		97	70 - 130	3	20	
Styrene	50.0	50.6		ug/Kg		101	70 - 130	0	20	
1,1,1,2-Tetrachloroethane	50.0	55.8		ug/Kg		112	70 - 130	1	20	
1,1,2,2-Tetrachloroethane	50.0	54.0		ug/Kg		108	70 - 146	6	20	
Tetrachloroethene	50.0	51.6		ug/Kg		103	70 - 132	0	20	
Toluene	50.0	48.6		ug/Kg		97	80 - 128	0	20	
1,2,3-Trichlorobenzene	50.0	51.6		ug/Kg		103	60 - 140	1	20	
1,2,4-Trichlorobenzene	50.0	50.2		ug/Kg		100	60 - 140	3	20	

QC Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

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

Lab Sample ID: LCSD 720-108985/3-A

Matrix: Solid

Analysis Batch: 108960

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 108985

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
1,1,1-Trichloroethane	50.0	52.8		ug/Kg		106	70 - 130	2	20	
1,1,2-Trichloroethane	50.0	53.4		ug/Kg		107	70 - 130	4	20	
Trichloroethene	50.0	49.0		ug/Kg		98	70 - 133	0	20	
Trichlorofluoromethane	50.0	46.2		ug/Kg		92	60 - 140	1	20	
1,2,3-Trichloropropane	50.0	56.6		ug/Kg		113	70 - 146	4	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	53.8		ug/Kg		108	60 - 140	3	20	
1,2,4-Trimethylbenzene	50.0	49.6		ug/Kg		99	70 - 130	3	20	
1,3,5-Trimethylbenzene	50.0	51.0		ug/Kg		102	70 - 131	3	20	
Vinyl acetate	50.0	73.8		ug/Kg		148	38 - 176	5	20	
Vinyl chloride	50.0	42.4		ug/Kg		85	58 - 125	6	20	
m-Xylene & p-Xylene	100	101		ug/Kg		101	70 - 146	1	20	
o-Xylene	50.0	51.0		ug/Kg		102	70 - 140	2	20	
2,2-Dichloropropane	50.0	55.2		ug/Kg		110	70 - 162	4	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	99		45 - 131
1,2-Dichloroethane-d4 (Surr)	100		60 - 140
Toluene-d8 (Surr)	99		58 - 140

Lab Sample ID: MB 720-109019/1-A

Matrix: Solid

Analysis Batch: 109010

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109019

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methyl tert-butyl ether	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Acetone	ND		50		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Benzene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Dichlorobromomethane	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Bromobenzene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Chlorobromomethane	ND		20		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Bromoform	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Bromomethane	ND		10		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
2-Butanone (MEK)	ND		50		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
n-Butylbenzene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
sec-Butylbenzene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
tert-Butylbenzene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Carbon disulfide	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Carbon tetrachloride	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Chlorobenzene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Chloroethane	ND		10		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Chloroform	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Chloromethane	ND		10		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
2-Chlorotoluene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
4-Chlorotoluene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Chlorodibromomethane	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
1,3-Dichloropropane	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1

QC Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

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

Lab Sample ID: MB 720-109019/1-A

Matrix: Solid

Analysis Batch: 109010

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109019

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Ethylene Dibromide	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Dibromomethane	ND		10		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Dichlorodifluoromethane	ND		10		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
1,1-Dichloroethane	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
1,2-Dichloroethane	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
1,1-Dichloroethene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
1,2-Dichloropropane	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Ethylbenzene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Hexachlorobutadiene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
2-Hexanone	ND		50		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Isopropylbenzene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
4-Isopropyltoluene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Methylene Chloride	ND		10		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Naphthalene	ND		10		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
N-Propylbenzene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Styrene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
1,1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Tetrachloroethene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Toluene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Trichloroethene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Trichlorofluoromethane	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Vinyl acetate	ND		50		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Vinyl chloride	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
Xylenes, Total	ND		10		ug/Kg		03/02/12 07:30	03/02/12 08:56	1
2,2-Dichloropropane	ND		5.0		ug/Kg		03/02/12 07:30	03/02/12 08:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		45 - 131	03/02/12 07:30	03/02/12 08:56	1
1,2-Dichloroethane-d4 (Surr)	97		60 - 140	03/02/12 07:30	03/02/12 08:56	1
Toluene-d8 (Surr)	97		58 - 140	03/02/12 07:30	03/02/12 08:56	1

QC Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

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

Lab Sample ID: LCS 720-109019/2-A

Matrix: Solid

Analysis Batch: 109010

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109019

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Methyl tert-butyl ether	50.0	46.6		ug/Kg		93	70 - 144
Acetone	250	204		ug/Kg		82	30 - 162
Benzene	50.0	47.6		ug/Kg		95	70 - 130
Dichlorobromomethane	50.0	51.2		ug/Kg		102	70 - 131
Bromobenzene	50.0	46.8		ug/Kg		94	70 - 130
Chlorobromomethane	50.0	48.6		ug/Kg		97	70 - 130
Bromoform	50.0	51.6		ug/Kg		103	59 - 158
Bromomethane	50.0	43.8		ug/Kg		88	59 - 132
2-Butanone (MEK)	250	214		ug/Kg		86	60 - 150
n-Butylbenzene	50.0	54.2		ug/Kg		108	70 - 142
sec-Butylbenzene	50.0	51.8		ug/Kg		104	70 - 136
tert-Butylbenzene	50.0	50.6		ug/Kg		101	70 - 130
Carbon disulfide	50.0	47.0		ug/Kg		94	60 - 140
Carbon tetrachloride	50.0	55.2		ug/Kg		110	70 - 138
Chlorobenzene	50.0	48.0		ug/Kg		96	70 - 130
Chloroethane	50.0	44.2		ug/Kg		88	65 - 130
Chloroform	50.0	47.8		ug/Kg		96	77 - 127
Chloromethane	50.0	39.2		ug/Kg		78	55 - 140
2-Chlorotoluene	50.0	49.6		ug/Kg		99	70 - 138
4-Chlorotoluene	50.0	48.8		ug/Kg		98	70 - 136
Chlorodibromomethane	50.0	42.2		ug/Kg		84	70 - 146
1,2-Dichlorobenzene	50.0	46.2		ug/Kg		92	70 - 130
1,3-Dichlorobenzene	50.0	48.8		ug/Kg		98	70 - 131
1,4-Dichlorobenzene	50.0	48.0		ug/Kg		96	70 - 130
1,3-Dichloropropane	50.0	48.0		ug/Kg		96	70 - 140
1,1-Dichloropropene	50.0	50.0		ug/Kg		100	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	48.4		ug/Kg		97	60 - 145
Ethylene Dibromide	50.0	50.4		ug/Kg		101	70 - 140
Dibromomethane	50.0	47.2		ug/Kg		94	70 - 139
Dichlorodifluoromethane	50.0	37.4		ug/Kg		75	37 - 158
1,1-Dichloroethane	50.0	47.6		ug/Kg		95	70 - 130
1,2-Dichloroethane	50.0	45.2		ug/Kg		90	70 - 130
1,1-Dichloroethene	50.0	46.0		ug/Kg		92	76 - 122
cis-1,2-Dichloroethene	50.0	54.6		ug/Kg		109	70 - 138
trans-1,2-Dichloroethene	50.0	42.0		ug/Kg		84	67 - 130
1,2-Dichloropropane	50.0	46.2		ug/Kg		92	73 - 127
cis-1,3-Dichloropropene	50.0	45.0		ug/Kg		90	68 - 147
trans-1,3-Dichloropropene	50.0	46.0		ug/Kg		92	70 - 136
Ethylbenzene	50.0	49.4		ug/Kg		99	80 - 137
Hexachlorobutadiene	50.0	49.8		ug/Kg		100	70 - 132
2-Hexanone	250	220		ug/Kg		88	60 - 161
Isopropylbenzene	50.0	53.8		ug/Kg		108	88 - 128
4-Isopropyltoluene	50.0	53.8		ug/Kg		108	70 - 133
Methylene Chloride	50.0	45.2		ug/Kg		90	70 - 134
4-Methyl-2-pentanone (MIBK)	250	226		ug/Kg		90	60 - 160
Naphthalene	50.0	47.2		ug/Kg		94	60 - 147
N-Propylbenzene	50.0	49.4		ug/Kg		99	70 - 130
Styrene	50.0	49.8		ug/Kg		100	70 - 130
1,1,1,2-Tetrachloroethane	50.0	54.2		ug/Kg		108	70 - 130

QC Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

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

Lab Sample ID: LCS 720-109019/2-A

Matrix: Solid

Analysis Batch: 109010

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109019

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	
1,1,2,2-Tetrachloroethane	50.0	46.2		ug/Kg		92	70 - 146	
Tetrachloroethene	50.0	51.0		ug/Kg		102	70 - 132	
Toluene	50.0	48.2		ug/Kg		96	80 - 128	
1,2,3-Trichlorobenzene	50.0	46.6		ug/Kg		93	60 - 140	
1,2,4-Trichlorobenzene	50.0	47.0		ug/Kg		94	60 - 140	
1,1,1-Trichloroethane	50.0	52.0		ug/Kg		104	70 - 130	
1,1,2-Trichloroethane	50.0	46.8		ug/Kg		94	70 - 130	
Trichloroethene	50.0	48.0		ug/Kg		96	70 - 133	
Trichlorofluoromethane	50.0	48.0		ug/Kg		96	60 - 140	
1,2,3-Trichloropropane	50.0	47.6		ug/Kg		95	70 - 146	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	52.8		ug/Kg		106	60 - 140	
1,2,4-Trimethylbenzene	50.0	49.6		ug/Kg		99	70 - 130	
1,3,5-Trimethylbenzene	50.0	51.2		ug/Kg		102	70 - 131	
Vinyl acetate	50.0	61.4		ug/Kg		123	38 - 176	
Vinyl chloride	50.0	44.6		ug/Kg		89	58 - 125	
m-Xylene & p-Xylene	100	102		ug/Kg		102	70 - 146	
o-Xylene	50.0	51.4		ug/Kg		103	70 - 140	
2,2-Dichloropropane	50.0	61.2		ug/Kg		122	70 - 162	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	99		45 - 131
1,2-Dichloroethane-d4 (Surr)	93		60 - 140
Toluene-d8 (Surr)	98		58 - 140

Lab Sample ID: LCSD 720-109019/3-A

Matrix: Solid

Analysis Batch: 109010

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109019

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	
							Limits	RPD	Limit	
Methyl tert-butyl ether	50.0	46.4		ug/Kg		93	70 - 144	0	20	
Acetone	250	216		ug/Kg		86	30 - 162	5	30	
Benzene	50.0	45.6		ug/Kg		91	70 - 130	4	20	
Dichlorobromomethane	50.0	49.8		ug/Kg		100	70 - 131	3	20	
Bromobenzene	50.0	45.0		ug/Kg		90	70 - 130	4	20	
Chlorobromomethane	50.0	48.0		ug/Kg		96	70 - 130	1	20	
Bromoform	50.0	49.2		ug/Kg		98	59 - 158	5	20	
Bromomethane	50.0	41.2		ug/Kg		82	59 - 132	6	20	
2-Butanone (MEK)	250	231		ug/Kg		93	60 - 150	8	20	
n-Butylbenzene	50.0	52.0		ug/Kg		104	70 - 142	4	20	
sec-Butylbenzene	50.0	50.4		ug/Kg		101	70 - 136	3	20	
tert-Butylbenzene	50.0	49.4		ug/Kg		99	70 - 130	2	20	
Carbon disulfide	50.0	44.6		ug/Kg		89	60 - 140	5	20	
Carbon tetrachloride	50.0	52.4		ug/Kg		105	70 - 138	5	20	
Chlorobenzene	50.0	45.0		ug/Kg		90	70 - 130	6	20	
Chloroethane	50.0	42.0		ug/Kg		84	65 - 130	5	20	
Chloroform	50.0	46.0		ug/Kg		92	77 - 127	4	20	
Chloromethane	50.0	38.4		ug/Kg		77	55 - 140	2	20	
2-Chlorotoluene	50.0	48.4		ug/Kg		97	70 - 138	2	20	
4-Chlorotoluene	50.0	47.0		ug/Kg		94	70 - 136	4	20	

QC Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

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

Lab Sample ID: LCSD 720-109019/3-A

Matrix: Solid

Analysis Batch: 109010

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109019

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Chlorodibromomethane	50.0	41.6		ug/Kg		83	70 - 146	1	20	
1,2-Dichlorobenzene	50.0	44.8		ug/Kg		90	70 - 130	3	20	
1,3-Dichlorobenzene	50.0	47.2		ug/Kg		94	70 - 131	3	20	
1,4-Dichlorobenzene	50.0	46.2		ug/Kg		92	70 - 130	4	20	
1,3-Dichloropropane	50.0	45.8		ug/Kg		92	70 - 140	5	20	
1,1-Dichloropropene	50.0	47.4		ug/Kg		95	70 - 130	5	20	
1,2-Dibromo-3-Chloropropane	50.0	48.4		ug/Kg		97	60 - 145	0	20	
Ethylene Dibromide	50.0	48.0		ug/Kg		96	70 - 140	5	20	
Dibromomethane	50.0	45.8		ug/Kg		92	70 - 139	3	20	
Dichlorodifluoromethane	50.0	36.8		ug/Kg		74	37 - 158	2	20	
1,1-Dichloroethane	50.0	45.8		ug/Kg		92	70 - 130	4	20	
1,2-Dichloroethane	50.0	44.2		ug/Kg		88	70 - 130	2	20	
1,1-Dichloroethene	50.0	43.2		ug/Kg		86	76 - 122	6	20	
cis-1,2-Dichloroethene	50.0	52.4		ug/Kg		105	70 - 138	4	20	
trans-1,2-Dichloroethene	50.0	39.6		ug/Kg		79	67 - 130	6	20	
1,2-Dichloropropane	50.0	44.6		ug/Kg		89	73 - 127	4	20	
cis-1,3-Dichloropropene	50.0	44.0		ug/Kg		88	68 - 147	2	20	
trans-1,3-Dichloropropene	50.0	44.6		ug/Kg		89	70 - 136	3	20	
Ethylbenzene	50.0	46.4		ug/Kg		93	80 - 137	6	20	
Hexachlorobutadiene	50.0	48.4		ug/Kg		97	70 - 132	3	20	
2-Hexanone	250	225		ug/Kg		90	60 - 161	2	20	
Isopropylbenzene	50.0	50.0		ug/Kg		100	88 - 128	7	20	
4-Isopropyltoluene	50.0	51.8		ug/Kg		104	70 - 133	4	20	
Methylene Chloride	50.0	43.4		ug/Kg		87	70 - 134	4	20	
4-Methyl-2-pentanone (MIBK)	250	223		ug/Kg		89	60 - 160	1	20	
Naphthalene	50.0	47.0		ug/Kg		94	60 - 147	0	20	
N-Propylbenzene	50.0	47.4		ug/Kg		95	70 - 130	4	20	
Styrene	50.0	46.6		ug/Kg		93	70 - 130	7	20	
1,1,1,2-Tetrachloroethane	50.0	51.6		ug/Kg		103	70 - 130	5	20	
1,1,1,2,2-Tetrachloroethane	50.0	46.4		ug/Kg		93	70 - 146	0	20	
Tetrachloroethene	50.0	47.8		ug/Kg		96	70 - 132	6	20	
Toluene	50.0	45.6		ug/Kg		91	80 - 128	6	20	
1,2,3-Trichlorobenzene	50.0	46.4		ug/Kg		93	60 - 140	0	20	
1,2,4-Trichlorobenzene	50.0	45.6		ug/Kg		91	60 - 140	3	20	
1,1,1-Trichloroethane	50.0	50.2		ug/Kg		100	70 - 130	4	20	
1,1,2-Trichloroethane	50.0	45.6		ug/Kg		91	70 - 130	3	20	
Trichloroethene	50.0	45.2		ug/Kg		90	70 - 133	6	20	
Trichlorofluoromethane	50.0	45.2		ug/Kg		90	60 - 140	6	20	
1,2,3-Trichloropropane	50.0	47.8		ug/Kg		96	70 - 146	0	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49.2		ug/Kg		98	60 - 140	7	20	
1,2,4-Trimethylbenzene	50.0	48.0		ug/Kg		96	70 - 130	3	20	
1,3,5-Trimethylbenzene	50.0	49.6		ug/Kg		99	70 - 131	3	20	
Vinyl acetate	50.0	63.4		ug/Kg		127	38 - 176	3	20	
Vinyl chloride	50.0	43.0		ug/Kg		86	58 - 125	4	20	
m-Xylene & p-Xylene	100	95.4		ug/Kg		95	70 - 146	7	20	
o-Xylene	50.0	48.2		ug/Kg		96	70 - 140	6	20	
2,2-Dichloropropane	50.0	56.8		ug/Kg		114	70 - 162	7	20	

QC Sample Results

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

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

Lab Sample ID: LCSD 720-109019/3-A

Matrix: Solid

Analysis Batch: 109010

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109019

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	97		45 - 131
1,2-Dichloroethane-d4 (Surr)	94		60 - 140
Toluene-d8 (Surr)	98		58 - 140

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QC Association Summary

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

GC/MS VOA

Analysis Batch: 108919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-40691-1	ATC-1 (2')	Total/NA	Solid	8260B	108936
720-40691-2	ATC-1 (15')	Total/NA	Solid	8260B	108936
LCS 720-108936/2-A	Lab Control Sample	Total/NA	Solid	8260B	108936
LCSD 720-108936/3-A	Lab Control Sample Dup	Total/NA	Solid	8260B	108936
MB 720-108936/1-A	Method Blank	Total/NA	Solid	8260B	108936

Prep Batch: 108936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-40691-1	ATC-1 (2')	Total/NA	Solid	5030B	
720-40691-2	ATC-1 (15')	Total/NA	Solid	5030B	
LCS 720-108936/2-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 720-108936/3-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
MB 720-108936/1-A	Method Blank	Total/NA	Solid	5030B	

Analysis Batch: 108960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-40691-5	ATC-2 (7.5')	Total/NA	Solid	8260B	108985
720-40691-7	ATC-3 (2')	Total/NA	Solid	8260B	108985
720-40691-8	ATC-3 (8')	Total/NA	Solid	8260B	108985
720-40691-10	ATC-4 (8')	Total/NA	Solid	8260B	108985
LCS 720-108985/2-A	Lab Control Sample	Total/NA	Solid	8260B	108985
LCSD 720-108985/3-A	Lab Control Sample Dup	Total/NA	Solid	8260B	108985
MB 720-108985/1-A	Method Blank	Total/NA	Solid	8260B	108985

Prep Batch: 108985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-40691-5	ATC-2 (7.5')	Total/NA	Solid	5030B	
720-40691-7	ATC-3 (2')	Total/NA	Solid	5030B	
720-40691-8	ATC-3 (8')	Total/NA	Solid	5030B	
720-40691-10	ATC-4 (8')	Total/NA	Solid	5030B	
LCS 720-108985/2-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 720-108985/3-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
MB 720-108985/1-A	Method Blank	Total/NA	Solid	5030B	

Analysis Batch: 109010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-40691-4	ATC-2 (2')	Total/NA	Solid	8260B	109019
720-40691-9	ATC-4 (2')	Total/NA	Solid	8260B	109019
LCS 720-109019/2-A	Lab Control Sample	Total/NA	Solid	8260B	109019
LCSD 720-109019/3-A	Lab Control Sample Dup	Total/NA	Solid	8260B	109019
MB 720-109019/1-A	Method Blank	Total/NA	Solid	8260B	109019

Prep Batch: 109019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-40691-4	ATC-2 (2')	Total/NA	Solid	5030B	
720-40691-9	ATC-4 (2')	Total/NA	Solid	5030B	
LCS 720-109019/2-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 720-109019/3-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
MB 720-109019/1-A	Method Blank	Total/NA	Solid	5030B	

Lab Chronicle

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Client Sample ID: ATC-1 (2')

Date Collected: 03/01/12 08:45

Date Received: 03/01/12 14:30

Lab Sample ID: 720-40691-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			108936	03/01/12 16:00	DH	TAL SF
Total/NA	Analysis	8260B		1	108919	03/01/12 16:44	LL	TAL SF

Client Sample ID: ATC-1 (15')

Date Collected: 03/01/12 09:00

Date Received: 03/01/12 14:30

Lab Sample ID: 720-40691-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			108936	03/01/12 16:00	DH	TAL SF
Total/NA	Analysis	8260B		1	108919	03/01/12 17:13	LL	TAL SF

Client Sample ID: ATC-2 (2')

Date Collected: 03/01/12 09:45

Date Received: 03/01/12 14:30

Lab Sample ID: 720-40691-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			109019	03/02/12 07:30	DH	TAL SF
Total/NA	Analysis	8260B		1	109010	03/02/12 11:21	LL	TAL SF

Client Sample ID: ATC-2 (7.5')

Date Collected: 03/01/12 09:55

Date Received: 03/01/12 14:30

Lab Sample ID: 720-40691-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			108985	03/01/12 17:00	LL	TAL SF
Total/NA	Analysis	8260B		1	108960	03/01/12 23:19	AC	TAL SF

Client Sample ID: ATC-3 (2')

Date Collected: 03/01/12 10:35

Date Received: 03/01/12 14:30

Lab Sample ID: 720-40691-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			108985	03/01/12 17:00	LL	TAL SF
Total/NA	Analysis	8260B		1	108960	03/01/12 23:48	AC	TAL SF

Client Sample ID: ATC-3 (8')

Date Collected: 03/01/12 10:50

Date Received: 03/01/12 14:30

Lab Sample ID: 720-40691-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			108985	03/01/12 17:00	LL	TAL SF
Total/NA	Analysis	8260B		1	108960	03/02/12 00:17	AC	TAL SF

Lab Chronicle

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Client Sample ID: ATC-4 (2')

Date Collected: 03/01/12 11:35

Date Received: 03/01/12 14:30

Lab Sample ID: 720-40691-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			109019	03/02/12 07:30	DH	TAL SF
Total/NA	Analysis	8260B		1	109010	03/02/12 11:50	LL	TAL SF

Client Sample ID: ATC-4 (8')

Date Collected: 03/01/12 11:45

Date Received: 03/01/12 14:30

Lab Sample ID: 720-40691-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			108985	03/01/12 17:00	LL	TAL SF
Total/NA	Analysis	8260B		1	108960	03/02/12 01:15	AC	TAL SF

Laboratory References:

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

Certification Summary

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

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

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

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Method Summary

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SF

Protocol References:

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

Laboratory References:

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



Sample Summary

Client: ATC Associates, Inc.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-40691-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-40691-1	ATC-1 (2')	Solid	03/01/12 08:45	03/01/12 14:30
720-40691-2	ATC-1 (15')	Solid	03/01/12 09:00	03/01/12 14:30
720-40691-4	ATC-2 (2')	Solid	03/01/12 09:45	03/01/12 14:30
720-40691-5	ATC-2 (7.5')	Solid	03/01/12 09:55	03/01/12 14:30
720-40691-7	ATC-3 (2')	Solid	03/01/12 10:35	03/01/12 14:30
720-40691-8	ATC-3 (8')	Solid	03/01/12 10:50	03/01/12 14:30
720-40691-9	ATC-4 (2')	Solid	03/01/12 11:35	03/01/12 14:30
720-40691-10	ATC-4 (8')	Solid	03/01/12 11:45	03/01/12 14:30

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Login Sample Receipt Checklist

Client: ATC Associates, Inc.

Job Number: 720-40691-1

Login Number: 40691

List Source: TestAmerica San Francisco

List Number: 1

Creator: Thomas, Bryan

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



APPENDIX C

HYPOTHETICAL ENVIRONMENTAL COSTS

**Dry Cleaner at 580 Market Place Shopping Center -
Hypothetical Environmental Costs and Schedule**

Proposed Tasks	Estimated Cost Range		Comment
	Low	High	
Assessment: vertical and horizontal definition of impacts; well installation, possible additional soil-gas survey; risk assessment; conceptual model, conduit study; installation of permanent vapor points	\$ 35,000	\$ 50,000	ATC assumes a high-end scenario that includes subslab vapor impacts may be more extensive horizontally.
Remedial Action Planning/Design Corrective Action/Remedial Action Plan: Possible Vapor Recovery System Design, Possible Contaminant Mass removal plan (Excavation/ Insitu Chem-ox/ groundwater treatment);	\$ 7,500	\$ 25,000	ATC assumes there is a potential need for corrective action planning, feasibility study, pilot testing, and system design.
Remedial Implementation Remediation Plan Implementation and System Installation; Possible alternatives: Insitu Chem-ox groundwater treatment, air sparging, soil vapor extraction, excavation	\$ 60,000	\$ 80,000	ATC assumes a high-end scenario that subslab vapor impacts may be more extensive horizontally; this scenario could require a more expansive active remediation system(s).
Operation & Maintenance System operations, maintenance and monitoring. Quarterly Remediation Status Reporting	\$ 15,000	\$ 50,000	ATC assumes up to 5 years of operation in a high-end scenario.
Groundwater Monitoring	\$ 15,000	\$ 45,000	ATC assumes quarterly sampling for the first 2 years and up to 5 years total of monitoring; also there is a potential for a larger network of wells if significant vertical migration is discovered.
Closure Closure Request Report and Well Destruction	\$ 10,000	\$ 35,000	ATC assumes there is a potential for a larger network of wells if significant vertical migration is discovered, hence , higher well destruction costs.
Totals	\$ 142,500	\$ 285,000	

* ATC's estimated costs are based on experience with similar sites. This table is not intended as a cost estimate for ATC to perform this work.