

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Knoxville

5815 Middlebrook Pike

Knoxville, TN 37921

Tel: (865)291-3000

TestAmerica Job ID: 140-14470-1

Client Project/Site: NYSDEC -Fresh and Clean Laundry

Revision: 1

For:

D&B Engineers and Architects, P.C.

330 Crossways Park Drive

Woodbury, New York 11797

Attn: Mr. Anthony Caniano

Authorized for release by:

3/14/2019 3:47:52 PM

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

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

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

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Definitions/Glossary

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

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Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
CI	The peak identified by the data system exhibited chromatographic interference that could not be resolved. There is reason to suspect there may be a high bias.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Job ID: 140-14470-1

Laboratory: TestAmerica Knoxville

Narrative

Job Narrative 140-14470-1

Revision I

This report was revised to only report the results in ug/m3 and report one sample per page.

Receipt

The samples were received on 3/2/2019 9:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice.

Air - GC/MS VOA

Method(s) TO 15 LL, TO-15: EPA methods TO-14A and TO-15 specify the use of humidified "zero air" as the blank reagent for canister cleaning, instrument calibration and sample analysis. Ultra-high purity humidified nitrogen from a cryogenic reservoir is used in place of "zero air" by TestAmerica Knoxville.

Method(s) TO-15: The continuing calibration verification (CCV) associated with batch 140-28075 exhibited % difference of > 30% for the following analytes 2-Methyl-2-propanol, ethanol and/or Isopropyl alcohol; however, the results were within the LCS acceptance limits. The EPA method requires that all target analytes in the continuing calibration verification standard be within 30% difference from the initial calibration. According to the laboratory standard operating procedure, the continuing calibration is acceptable if it meets the laboratory control sample acceptance criteria.

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

Detection Summary

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Client Sample ID: SSDB-1

Lab Sample ID: 140-14470-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethene, Total	630		320	40	ug/m3	11.19		TO-15	Total/NA
cis-1,2-Dichloroethene	630		160	48	ug/m3	11.19		TO-15	Total/NA
Styrene	58	J	170	50	ug/m3	11.19		TO-15	Total/NA
Tetrachloroethene	20000		280	55	ug/m3	11.19		TO-15	Total/NA
Trichloroethene	930		220	39	ug/m3	11.19		TO-15	Total/NA

Client Sample ID: SSDB-2

Lab Sample ID: 140-14470-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethene, Total	680		180	22	ug/m3	11.11		TO-15	Total/NA
cis-1,2-Dichloroethene	650		88	26	ug/m3	11.11		TO-15	Total/NA
Tetrachloroethene	18000		150	30	ug/m3	11.11		TO-15	Total/NA
trans-1,2-Dichloroethene	30	J	88	22	ug/m3	11.11		TO-15	Total/NA
Trichloroethene	970		120	21	ug/m3	11.11		TO-15	Total/NA

Client Sample ID: OADB-1

Lab Sample ID: 140-14470-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,2,4-Trimethylpentane	0.21	J	1.9	0.18	ug/m3	1		TO-15	Total/NA
Acetone	5.3	J	18	3.3	ug/m3	1		TO-15	Total/NA
Benzene	0.54	J	0.64	0.18	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.11	J	1.2	0.097	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.38	J	1.3	0.24	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4	J	2.1	0.33	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.5		0.99	0.34	ug/m3	1		TO-15	Total/NA
Freon 22	1.0		0.71	0.13	ug/m3	1		TO-15	Total/NA
Freon TF	0.50	J	1.5	0.24	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	2.3	J	2.9	0.23	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	0.79	J	2.9	0.59	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.3	J	3.5	1.1	ug/m3	1		TO-15	Total/NA
n-Butane	1.9	J	2.4	0.17	ug/m3	1		TO-15	Total/NA
n-Heptane	0.19	J	1.6	0.19	ug/m3	1		TO-15	Total/NA
n-Hexane	0.38	J	1.4	0.11	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	1.1	J	1.4	0.27	ug/m3	1		TO-15	Total/NA
Toluene	0.58	J	3.8	0.45	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.14	ug/m3	1		TO-15	Total/NA

Client Sample ID: IADB-1

Lab Sample ID: 140-14470-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.25	J	1.1	0.16	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethane	0.30	J	0.81	0.19	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	12		1.6	0.20	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.32	J	1.9	0.18	ug/m3	1		TO-15	Total/NA
Acetone	15	J	18	3.3	ug/m3	1		TO-15	Total/NA
Benzene	0.77		0.64	0.18	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.13	J	1.2	0.097	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.28	J	1.3	0.24	ug/m3	1		TO-15	Total/NA
Chloromethane	1.6	J	2.1	0.33	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	12		0.79	0.24	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Knoxville

Detection Summary

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Client Sample ID: IADB-1 (Continued)

Lab Sample ID: 140-14470-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane	0.20	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.6		0.99	0.34	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.31	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
Freon 22	1.0		0.71	0.13	ug/m3	1		TO-15	Total/NA
Freon TF	0.53	J	1.5	0.24	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	4.1		2.9	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.91		0.87	0.52	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.3	J	2.9	0.59	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.7	J	3.5	1.1	ug/m3	1		TO-15	Total/NA
n-Butane	4.5		2.4	0.17	ug/m3	1		TO-15	Total/NA
n-Heptane	0.31	J	1.6	0.19	ug/m3	1		TO-15	Total/NA
n-Hexane	0.56	J	1.4	0.11	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	0.17	J	3.0	0.12	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	140		1.4	0.27	ug/m3	1		TO-15	Total/NA
Toluene	2.0	J	3.8	0.45	ug/m3	1		TO-15	Total/NA
trans-1,2-Dichloroethene	0.33	J	0.79	0.20	ug/m3	1		TO-15	Total/NA
Trichloroethene	7.5		1.1	0.19	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.14	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.2	J	1.7	0.26	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.31	J	0.87	0.26	ug/m3	1		TO-15	Total/NA

Client Sample ID: IADB-2

Lab Sample ID: 140-14470-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.24	J	1.1	0.16	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethane	0.22	J	0.81	0.19	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	10		1.6	0.20	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.28	J	1.9	0.18	ug/m3	1		TO-15	Total/NA
Acetone	23	CI	18	3.3	ug/m3	1		TO-15	Total/NA
Benzene	0.67		0.64	0.18	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.15	J	1.2	0.097	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.43	J	1.3	0.24	ug/m3	1		TO-15	Total/NA
Chloromethane	1.2	J	2.1	0.33	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	10		0.79	0.24	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.15	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.5		0.99	0.34	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.33	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
Freon 22	1.1		0.71	0.13	ug/m3	1		TO-15	Total/NA
Freon TF	0.51	J	1.5	0.24	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	3.7		2.9	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.1		0.87	0.52	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	2.1	J	2.9	0.59	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.5	J	3.5	1.1	ug/m3	1		TO-15	Total/NA
n-Butane	5.0		2.4	0.17	ug/m3	1		TO-15	Total/NA
n-Heptane	0.32	J	1.6	0.19	ug/m3	1		TO-15	Total/NA
n-Hexane	0.56	J	1.4	0.11	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	0.28	J	3.0	0.12	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	130		1.4	0.27	ug/m3	1		TO-15	Total/NA
Tetrahydrofuran	0.20	J	2.9	0.19	ug/m3	1		TO-15	Total/NA
Toluene	2.3	J	3.8	0.45	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Knoxville

Detection Summary

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Client Sample ID: IADB-2 (Continued)

Lab Sample ID: 140-14470-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
trans-1,2-Dichloroethene	0.30	J	0.79	0.20	ug/m3	1		TO-15	Total/NA
Trichloroethene	7.0		1.1	0.19	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.14	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.5	J	1.7	0.26	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.35	J	0.87	0.26	ug/m3	1		TO-15	Total/NA

Client Sample ID: IADB-3

Lab Sample ID: 140-14470-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.18	J	1.1	0.16	ug/m3	1		TO-15	Total/NA
1,2-Dichloroethene, Total	5.2		1.6	0.20	ug/m3	1		TO-15	Total/NA
1,4-Dichlorobenzene	8.9		1.2	0.38	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.27	J	1.9	0.18	ug/m3	1		TO-15	Total/NA
3-Chloropropene	0.16	J	0.63	0.15	ug/m3	1		TO-15	Total/NA
Acetone	30	CI	18	3.3	ug/m3	1		TO-15	Total/NA
Benzene	0.68		0.64	0.18	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.36	J	1.2	0.097	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.44	J	1.3	0.24	ug/m3	1		TO-15	Total/NA
Chloromethane	1.3	J	2.1	0.33	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	5.2		0.79	0.24	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.19	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.4		0.99	0.34	ug/m3	1		TO-15	Total/NA
Freon TF	0.51	J	1.5	0.24	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	4.0		2.9	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.84	J	0.87	0.52	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.47	J	1.6	0.24	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	3.2		2.9	0.59	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.4	J	3.5	1.1	ug/m3	1		TO-15	Total/NA
n-Butane	3.2		2.4	0.17	ug/m3	1		TO-15	Total/NA
n-Heptane	0.39	J	1.6	0.19	ug/m3	1		TO-15	Total/NA
n-Hexane	0.48	J	1.4	0.11	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	1.1	J	3.0	0.12	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	63		1.4	0.27	ug/m3	1		TO-15	Total/NA
Toluene	1.5	J	3.8	0.45	ug/m3	1		TO-15	Total/NA
Trichloroethene	3.7		1.1	0.19	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.14	ug/m3	1		TO-15	Total/NA
Xylene (total)	1.2	J	1.7	0.26	ug/m3	1		TO-15	Total/NA
Xylene, o-	0.34	J	0.87	0.26	ug/m3	1		TO-15	Total/NA

Client Sample ID: IADB-4

Lab Sample ID: 140-14470-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethene, Total	4.5		1.6	0.20	ug/m3	1		TO-15	Total/NA
1,4-Dichlorobenzene	3.2		1.2	0.38	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.28	J	1.9	0.18	ug/m3	1		TO-15	Total/NA
Acetone	24		18	3.3	ug/m3	1		TO-15	Total/NA
Benzene	0.68		0.64	0.18	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.61	J	1.2	0.097	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.44	J	1.3	0.24	ug/m3	1		TO-15	Total/NA
Chloromethane	1.5	J	2.1	0.33	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Knoxville

Detection Summary

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Client Sample ID: IADB-4 (Continued)

Lab Sample ID: 140-14470-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.5		0.79	0.24	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.20	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.5		0.99	0.34	ug/m3	1		TO-15	Total/NA
Freon 22	45	CI	0.71	0.13	ug/m3	1		TO-15	Total/NA
Freon TF	0.58	J	1.5	0.24	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	5.1		2.9	0.23	ug/m3	1		TO-15	Total/NA
m,p-Xylene	0.63	J	0.87	0.52	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone	1.7	J	2.9	0.59	ug/m3	1		TO-15	Total/NA
Methylene Chloride	1.9	J	3.5	1.1	ug/m3	1		TO-15	Total/NA
n-Butane	3.0		2.4	0.17	ug/m3	1		TO-15	Total/NA
n-Heptane	0.35	J	1.6	0.19	ug/m3	1		TO-15	Total/NA
n-Hexane	0.64	J	1.4	0.11	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	0.29	J	3.0	0.12	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	50		1.4	0.27	ug/m3	1		TO-15	Total/NA
Toluene	1.3	J	3.8	0.45	ug/m3	1		TO-15	Total/NA
Trichloroethene	2.9		1.1	0.19	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.14	ug/m3	1		TO-15	Total/NA
Xylene (total)	0.63	J	1.7	0.26	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Knoxville

Client Sample Results

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Client Sample ID: SSDB-1

Date Collected: 02/28/19 13:40

Date Received: 03/02/19 09:40

Sample Container: Summa Canister 6L

Lab Sample ID: 140-14470-1

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		220	33	ug/m3			03/05/19 15:33	11.19
1,1,2,2-Tetrachloroethane	ND		280	85	ug/m3			03/05/19 15:33	11.19
1,1,2-Trichloroethane	ND		220	58	ug/m3			03/05/19 15:33	11.19
1,1-Dichloroethane	ND		160	21	ug/m3			03/05/19 15:33	11.19
1,1-Dichloroethene	ND		160	27	ug/m3			03/05/19 15:33	11.19
1,2,4-Trichlorobenzene	ND		1500	150	ug/m3			03/05/19 15:33	11.19
1,2,4-Trimethylbenzene	ND		200	63	ug/m3			03/05/19 15:33	11.19
1,2-Dibromoethane	ND		310	69	ug/m3			03/05/19 15:33	11.19
1,2-Dichlorobenzene	ND		490	86	ug/m3			03/05/19 15:33	11.19
1,2-Dichloroethane	ND		160	39	ug/m3			03/05/19 15:33	11.19
1,2-Dichloroethene, Total	630		320	40	ug/m3			03/05/19 15:33	11.19
1,2-Dichloropropane	ND		190	49	ug/m3			03/05/19 15:33	11.19
1,2-Dichlorotetrafluoroethane	ND		280	46	ug/m3			03/05/19 15:33	11.19
1,3,5-Trimethylbenzene	ND		200	65	ug/m3			03/05/19 15:33	11.19
1,3-Butadiene	ND		180	29	ug/m3			03/05/19 15:33	11.19
1,3-Dichlorobenzene	ND		240	80	ug/m3			03/05/19 15:33	11.19
1,4-Dichlorobenzene	ND		240	78	ug/m3			03/05/19 15:33	11.19
1,4-Dioxane	ND		290	59	ug/m3			03/05/19 15:33	11.19
2,2,4-Trimethylpentane	ND		380	37	ug/m3			03/05/19 15:33	11.19
2-Chlorotoluene	ND		420	66	ug/m3			03/05/19 15:33	11.19
3-Chloropropene	ND		130	31	ug/m3			03/05/19 15:33	11.19
4-Ethyltoluene	ND		400	66	ug/m3			03/05/19 15:33	11.19
4-Isopropyltoluene	ND		220	64	ug/m3			03/05/19 15:33	11.19
Acetone	ND		3600	680	ug/m3			03/05/19 15:33	11.19
Benzene	ND		130	36	ug/m3			03/05/19 15:33	11.19
Benzyl chloride	ND		420	82	ug/m3			03/05/19 15:33	11.19
Bromodichloromethane	ND		270	60	ug/m3			03/05/19 15:33	11.19
Bromoethene(Vinyl Bromide)	ND		180	31	ug/m3			03/05/19 15:33	11.19
Bromoform	ND		420	100	ug/m3			03/05/19 15:33	11.19
Bromomethane	ND		160	25	ug/m3			03/05/19 15:33	11.19
Carbon disulfide	ND		250	20	ug/m3			03/05/19 15:33	11.19
Carbon tetrachloride	ND		260	49	ug/m3			03/05/19 15:33	11.19
Chlorobenzene	ND		190	46	ug/m3			03/05/19 15:33	11.19
Chloroethane	ND		110	19	ug/m3			03/05/19 15:33	11.19
Chloroform	ND		200	38	ug/m3			03/05/19 15:33	11.19
Chloromethane	ND		420	67	ug/m3			03/05/19 15:33	11.19
cis-1,2-Dichloroethene	630		160	48	ug/m3			03/05/19 15:33	11.19
cis-1,3-Dichloropropene	ND		370	68	ug/m3			03/05/19 15:33	11.19
Cumene	ND		400	60	ug/m3			03/05/19 15:33	11.19
Cyclohexane	ND		280	28	ug/m3			03/05/19 15:33	11.19
Dibromochloromethane	ND		350	73	ug/m3			03/05/19 15:33	11.19
Dichlorodifluoromethane	ND		200	68	ug/m3			03/05/19 15:33	11.19
Ethylbenzene	ND		180	60	ug/m3			03/05/19 15:33	11.19
Freon 22	ND		140	27	ug/m3			03/05/19 15:33	11.19
Freon TF	ND		310	48	ug/m3			03/05/19 15:33	11.19
Hexachlorobutadiene	ND		2200	170	ug/m3			03/05/19 15:33	11.19
Isopropyl alcohol	ND		600	47	ug/m3			03/05/19 15:33	11.19
m,p-Xylene	ND		180	110	ug/m3			03/05/19 15:33	11.19

TestAmerica Knoxville

Client Sample Results

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Client Sample ID: SSDB-1

Date Collected: 02/28/19 13:40

Date Received: 03/02/19 09:40

Sample Container: Summa Canister 6L

Lab Sample ID: 140-14470-1

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	ND		330	48	ug/m3			03/05/19 15:33	11.19
Methyl Ethyl Ketone	ND		600	120	ug/m3			03/05/19 15:33	11.19
methyl isobutyl ketone	ND		830	160	ug/m3			03/05/19 15:33	11.19
Methyl methacrylate	ND		330	66	ug/m3			03/05/19 15:33	11.19
Methyl tert-butyl ether	ND		730	120	ug/m3			03/05/19 15:33	11.19
Methylene Chloride	ND		710	230	ug/m3			03/05/19 15:33	11.19
Naphthalene	ND		430	96	ug/m3			03/05/19 15:33	11.19
n-Butane	ND		480	35	ug/m3			03/05/19 15:33	11.19
n-Butylbenzene	ND		450	51	ug/m3			03/05/19 15:33	11.19
n-Heptane	ND		330	39	ug/m3			03/05/19 15:33	11.19
n-Hexane	ND		290	23	ug/m3			03/05/19 15:33	11.19
n-Propylbenzene	ND		400	56	ug/m3			03/05/19 15:33	11.19
sec-Butylbenzene	ND		450	71	ug/m3			03/05/19 15:33	11.19
Styrene	58	J	170	50	ug/m3			03/05/19 15:33	11.19
tert-Butyl alcohol	ND		620	23	ug/m3			03/05/19 15:33	11.19
tert-Butylbenzene	ND		450	74	ug/m3			03/05/19 15:33	11.19
Tetrachloroethene	20000		280	55	ug/m3			03/05/19 15:33	11.19
Tetrahydrofuran	ND		600	38	ug/m3			03/05/19 15:33	11.19
Toluene	ND		770	92	ug/m3			03/05/19 15:33	11.19
trans-1,2-Dichloroethene	ND		160	40	ug/m3			03/05/19 15:33	11.19
trans-1,3-Dichloropropene	ND		180	44	ug/m3			03/05/19 15:33	11.19
Trichloroethene	930		220	39	ug/m3			03/05/19 15:33	11.19
Trichlorofluoromethane	ND		230	29	ug/m3			03/05/19 15:33	11.19
Vinyl chloride	ND		210	37	ug/m3			03/05/19 15:33	11.19
Xylene (total)	ND		350	54	ug/m3			03/05/19 15:33	11.19
Xylene, o-	ND		180	54	ug/m3			03/05/19 15:33	11.19

TestAmerica Knoxville

Client Sample Results

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Client Sample ID: SSDB-2

Date Collected: 02/28/19 12:37

Date Received: 03/02/19 09:40

Sample Container: Summa Canister 6L

Lab Sample ID: 140-14470-2

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		120	18	ug/m3			03/05/19 16:16	11.11
1,1,2,2-Tetrachloroethane	ND		150	47	ug/m3			03/05/19 16:16	11.11
1,1,2-Trichloroethane	ND		120	32	ug/m3			03/05/19 16:16	11.11
1,1-Dichloroethane	ND		90	12	ug/m3			03/05/19 16:16	11.11
1,1-Dichloroethene	ND		88	15	ug/m3			03/05/19 16:16	11.11
1,2,4-Trichlorobenzene	ND		820	81	ug/m3			03/05/19 16:16	11.11
1,2,4-Trimethylbenzene	ND		110	34	ug/m3			03/05/19 16:16	11.11
1,2-Dibromoethane	ND		170	38	ug/m3			03/05/19 16:16	11.11
1,2-Dichlorobenzene	ND		270	47	ug/m3			03/05/19 16:16	11.11
1,2-Dichloroethane	ND		90	21	ug/m3			03/05/19 16:16	11.11
1,2-Dichloroethene, Total	680		180	22	ug/m3			03/05/19 16:16	11.11
1,2-Dichloropropane	ND		100	27	ug/m3			03/05/19 16:16	11.11
1,2-Dichlorotetrafluoroethane	ND		160	25	ug/m3			03/05/19 16:16	11.11
1,3,5-Trimethylbenzene	ND		110	36	ug/m3			03/05/19 16:16	11.11
1,3-Butadiene	ND		98	16	ug/m3			03/05/19 16:16	11.11
1,3-Dichlorobenzene	ND		130	43	ug/m3			03/05/19 16:16	11.11
1,4-Dichlorobenzene	ND		130	43	ug/m3			03/05/19 16:16	11.11
1,4-Dioxane	ND		160	32	ug/m3			03/05/19 16:16	11.11
2,2,4-Trimethylpentane	ND		210	20	ug/m3			03/05/19 16:16	11.11
2-Chlorotoluene	ND		230	36	ug/m3			03/05/19 16:16	11.11
3-Chloropropene	ND		70	17	ug/m3			03/05/19 16:16	11.11
4-Ethyltoluene	ND		220	36	ug/m3			03/05/19 16:16	11.11
4-Isopropyltoluene	ND		120	35	ug/m3			03/05/19 16:16	11.11
Acetone	ND		2000	370	ug/m3			03/05/19 16:16	11.11
Benzene	ND		71	20	ug/m3			03/05/19 16:16	11.11
Benzyl chloride	ND		230	45	ug/m3			03/05/19 16:16	11.11
Bromodichloromethane	ND		150	33	ug/m3			03/05/19 16:16	11.11
Bromoethene(Vinyl Bromide)	ND		97	17	ug/m3			03/05/19 16:16	11.11
Bromoform	ND		230	55	ug/m3			03/05/19 16:16	11.11
Bromomethane	ND		86	14	ug/m3			03/05/19 16:16	11.11
Carbon disulfide	ND		140	11	ug/m3			03/05/19 16:16	11.11
Carbon tetrachloride	ND		140	27	ug/m3			03/05/19 16:16	11.11
Chlorobenzene	ND		100	25	ug/m3			03/05/19 16:16	11.11
Chloroethane	ND		59	10	ug/m3			03/05/19 16:16	11.11
Chloroform	ND		110	21	ug/m3			03/05/19 16:16	11.11
Chloromethane	ND		230	37	ug/m3			03/05/19 16:16	11.11
cis-1,2-Dichloroethene	650		88	26	ug/m3			03/05/19 16:16	11.11
cis-1,3-Dichloropropene	ND		200	37	ug/m3			03/05/19 16:16	11.11
Cumene	ND		220	33	ug/m3			03/05/19 16:16	11.11
Cyclohexane	ND		150	15	ug/m3			03/05/19 16:16	11.11
Dibromochloromethane	ND		190	40	ug/m3			03/05/19 16:16	11.11
Dichlorodifluoromethane	ND		110	37	ug/m3			03/05/19 16:16	11.11
Ethylbenzene	ND		96	33	ug/m3			03/05/19 16:16	11.11
Freon 22	ND		79	15	ug/m3			03/05/19 16:16	11.11
Freon TF	ND		170	26	ug/m3			03/05/19 16:16	11.11
Hexachlorobutadiene	ND		1200	92	ug/m3			03/05/19 16:16	11.11
Isopropyl alcohol	ND		330	26	ug/m3			03/05/19 16:16	11.11
m,p-Xylene	ND		96	58	ug/m3			03/05/19 16:16	11.11

TestAmerica Knoxville

Client Sample Results

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Client Sample ID: SSDB-2

Date Collected: 02/28/19 12:37

Date Received: 03/02/19 09:40

Sample Container: Summa Canister 6L

Lab Sample ID: 140-14470-2

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	ND		180	26	ug/m3			03/05/19 16:16	11.11
Methyl Ethyl Ketone	ND		330	66	ug/m3			03/05/19 16:16	11.11
methyl isobutyl ketone	ND		460	89	ug/m3			03/05/19 16:16	11.11
Methyl methacrylate	ND		180	36	ug/m3			03/05/19 16:16	11.11
Methyl tert-butyl ether	ND		400	68	ug/m3			03/05/19 16:16	11.11
Methylene Chloride	ND		390	120	ug/m3			03/05/19 16:16	11.11
Naphthalene	ND		230	52	ug/m3			03/05/19 16:16	11.11
n-Butane	ND		260	19	ug/m3			03/05/19 16:16	11.11
n-Butylbenzene	ND		240	28	ug/m3			03/05/19 16:16	11.11
n-Heptane	ND		180	21	ug/m3			03/05/19 16:16	11.11
n-Hexane	ND		160	13	ug/m3			03/05/19 16:16	11.11
n-Propylbenzene	ND		220	31	ug/m3			03/05/19 16:16	11.11
sec-Butylbenzene	ND		240	39	ug/m3			03/05/19 16:16	11.11
Styrene	ND		95	27	ug/m3			03/05/19 16:16	11.11
tert-Butyl alcohol	ND		340	13	ug/m3			03/05/19 16:16	11.11
tert-Butylbenzene	ND		240	40	ug/m3			03/05/19 16:16	11.11
Tetrachloroethene	18000		150	30	ug/m3			03/05/19 16:16	11.11
Tetrahydrofuran	ND		330	21	ug/m3			03/05/19 16:16	11.11
Toluene	ND		420	50	ug/m3			03/05/19 16:16	11.11
trans-1,2-Dichloroethene	30 J		88	22	ug/m3			03/05/19 16:16	11.11
trans-1,3-Dichloropropene	ND		100	24	ug/m3			03/05/19 16:16	11.11
Trichloroethene	970		120	21	ug/m3			03/05/19 16:16	11.11
Trichlorofluoromethane	ND		120	16	ug/m3			03/05/19 16:16	11.11
Vinyl chloride	ND		110	20	ug/m3			03/05/19 16:16	11.11
Xylene (total)	ND		190	29	ug/m3			03/05/19 16:16	11.11
Xylene, o-	ND		96	29	ug/m3			03/05/19 16:16	11.11

TestAmerica Knoxville

Client Sample Results

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Client Sample ID: OADB-1

Date Collected: 02/28/19 16:35

Date Received: 03/02/19 09:40

Sample Container: Summa Canister 6L

Lab Sample ID: 140-14470-3

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.16	ug/m3			03/05/19 16:58	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/05/19 16:58	1
1,1,2-Trichloroethane	ND		1.1	0.28	ug/m3			03/05/19 16:58	1
1,1-Dichloroethane	ND		0.81	0.11	ug/m3			03/05/19 16:58	1
1,1-Dichloroethene	ND		0.79	0.13	ug/m3			03/05/19 16:58	1
1,2,4-Trichlorobenzene	ND		7.4	0.73	ug/m3			03/05/19 16:58	1
1,2,4-Trimethylbenzene	ND		0.98	0.31	ug/m3			03/05/19 16:58	1
1,2-Dibromoethane	ND		1.5	0.34	ug/m3			03/05/19 16:58	1
1,2-Dichlorobenzene	ND		2.4	0.42	ug/m3			03/05/19 16:58	1
1,2-Dichloroethane	ND		0.81	0.19	ug/m3			03/05/19 16:58	1
1,2-Dichloroethene, Total	ND		1.6	0.20	ug/m3			03/05/19 16:58	1
1,2-Dichloropropane	ND		0.92	0.24	ug/m3			03/05/19 16:58	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.22	ug/m3			03/05/19 16:58	1
1,3,5-Trimethylbenzene	ND		0.98	0.32	ug/m3			03/05/19 16:58	1
1,3-Butadiene	ND		0.88	0.14	ug/m3			03/05/19 16:58	1
1,3-Dichlorobenzene	ND		1.2	0.39	ug/m3			03/05/19 16:58	1
1,4-Dichlorobenzene	ND		1.2	0.38	ug/m3			03/05/19 16:58	1
1,4-Dioxane	ND		1.4	0.29	ug/m3			03/05/19 16:58	1
2,2,4-Trimethylpentane	0.21	J	1.9	0.18	ug/m3			03/05/19 16:58	1
2-Chlorotoluene	ND		2.1	0.33	ug/m3			03/05/19 16:58	1
3-Chloropropene	ND		0.63	0.15	ug/m3			03/05/19 16:58	1
4-Ethyltoluene	ND		2.0	0.32	ug/m3			03/05/19 16:58	1
4-Isopropyltoluene	ND		1.1	0.31	ug/m3			03/05/19 16:58	1
Acetone	5.3	J	18	3.3	ug/m3			03/05/19 16:58	1
Benzene	0.54	J	0.64	0.18	ug/m3			03/05/19 16:58	1
Benzyl chloride	ND		2.1	0.40	ug/m3			03/05/19 16:58	1
Bromodichloromethane	ND		1.3	0.29	ug/m3			03/05/19 16:58	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.15	ug/m3			03/05/19 16:58	1
Bromoform	ND		2.1	0.50	ug/m3			03/05/19 16:58	1
Bromomethane	ND		0.78	0.12	ug/m3			03/05/19 16:58	1
Carbon disulfide	0.11	J	1.2	0.097	ug/m3			03/05/19 16:58	1
Carbon tetrachloride	0.38	J	1.3	0.24	ug/m3			03/05/19 16:58	1
Chlorobenzene	ND		0.92	0.23	ug/m3			03/05/19 16:58	1
Chloroethane	ND		0.53	0.092	ug/m3			03/05/19 16:58	1
Chloroform	ND		0.98	0.19	ug/m3			03/05/19 16:58	1
Chloromethane	1.4	J	2.1	0.33	ug/m3			03/05/19 16:58	1
cis-1,2-Dichloroethene	ND		0.79	0.24	ug/m3			03/05/19 16:58	1
cis-1,3-Dichloropropene	ND		1.8	0.34	ug/m3			03/05/19 16:58	1
Cumene	ND		2.0	0.29	ug/m3			03/05/19 16:58	1
Cyclohexane	ND		1.4	0.14	ug/m3			03/05/19 16:58	1
Dibromochloromethane	ND		1.7	0.36	ug/m3			03/05/19 16:58	1
Dichlorodifluoromethane	2.5		0.99	0.34	ug/m3			03/05/19 16:58	1
Ethylbenzene	ND		0.87	0.30	ug/m3			03/05/19 16:58	1
Freon 22	1.0		0.71	0.13	ug/m3			03/05/19 16:58	1
Freon TF	0.50	J	1.5	0.24	ug/m3			03/05/19 16:58	1
Hexachlorobutadiene	ND		11	0.83	ug/m3			03/05/19 16:58	1
Isopropyl alcohol	2.3	J	2.9	0.23	ug/m3			03/05/19 16:58	1
m,p-Xylene	ND		0.87	0.52	ug/m3			03/05/19 16:58	1

TestAmerica Knoxville

Client Sample Results

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Client Sample ID: OADB-1

Date Collected: 02/28/19 16:35

Date Received: 03/02/19 09:40

Sample Container: Summa Canister 6L

Lab Sample ID: 140-14470-3

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	ND		1.6	0.24	ug/m3			03/05/19 16:58	1
Methyl Ethyl Ketone	0.79	J	2.9	0.59	ug/m3			03/05/19 16:58	1
methyl isobutyl ketone	ND		4.1	0.80	ug/m3			03/05/19 16:58	1
Methyl methacrylate	ND		1.6	0.32	ug/m3			03/05/19 16:58	1
Methyl tert-butyl ether	ND		3.6	0.61	ug/m3			03/05/19 16:58	1
Methylene Chloride	1.3	J	3.5	1.1	ug/m3			03/05/19 16:58	1
Naphthalene	ND		2.1	0.47	ug/m3			03/05/19 16:58	1
n-Butane	1.9	J	2.4	0.17	ug/m3			03/05/19 16:58	1
n-Butylbenzene	ND		2.2	0.25	ug/m3			03/05/19 16:58	1
n-Heptane	0.19	J	1.6	0.19	ug/m3			03/05/19 16:58	1
n-Hexane	0.38	J	1.4	0.11	ug/m3			03/05/19 16:58	1
n-Propylbenzene	ND		2.0	0.28	ug/m3			03/05/19 16:58	1
sec-Butylbenzene	ND		2.2	0.35	ug/m3			03/05/19 16:58	1
Styrene	ND		0.85	0.25	ug/m3			03/05/19 16:58	1
tert-Butyl alcohol	ND		3.0	0.12	ug/m3			03/05/19 16:58	1
tert-Butylbenzene	ND		2.2	0.36	ug/m3			03/05/19 16:58	1
Tetrachloroethene	1.1	J	1.4	0.27	ug/m3			03/05/19 16:58	1
Tetrahydrofuran	ND		2.9	0.19	ug/m3			03/05/19 16:58	1
Toluene	0.58	J	3.8	0.45	ug/m3			03/05/19 16:58	1
trans-1,2-Dichloroethene	ND		0.79	0.20	ug/m3			03/05/19 16:58	1
trans-1,3-Dichloropropene	ND		0.91	0.22	ug/m3			03/05/19 16:58	1
Trichloroethene	ND		1.1	0.19	ug/m3			03/05/19 16:58	1
Trichlorofluoromethane	1.2		1.1	0.14	ug/m3			03/05/19 16:58	1
Vinyl chloride	ND		1.0	0.18	ug/m3			03/05/19 16:58	1
Xylene (total)	ND		1.7	0.26	ug/m3			03/05/19 16:58	1
Xylene, o-	ND		0.87	0.26	ug/m3			03/05/19 16:58	1

TestAmerica Knoxville

Client Sample Results

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Client Sample ID: IADB-1

Date Collected: 02/28/19 14:35

Date Received: 03/02/19 09:40

Sample Container: Summa Canister 6L

Lab Sample ID: 140-14470-4

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.25	J	1.1	0.16	ug/m3			03/05/19 17:39	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/05/19 17:39	1
1,1,2-Trichloroethane	ND		1.1	0.28	ug/m3			03/05/19 17:39	1
1,1-Dichloroethane	ND		0.81	0.11	ug/m3			03/05/19 17:39	1
1,1-Dichloroethene	ND		0.79	0.13	ug/m3			03/05/19 17:39	1
1,2,4-Trichlorobenzene	ND		7.4	0.73	ug/m3			03/05/19 17:39	1
1,2,4-Trimethylbenzene	ND		0.98	0.31	ug/m3			03/05/19 17:39	1
1,2-Dibromoethane	ND		1.5	0.34	ug/m3			03/05/19 17:39	1
1,2-Dichlorobenzene	ND		2.4	0.42	ug/m3			03/05/19 17:39	1
1,2-Dichloroethane	0.30	J	0.81	0.19	ug/m3			03/05/19 17:39	1
1,2-Dichloroethene, Total	12		1.6	0.20	ug/m3			03/05/19 17:39	1
1,2-Dichloropropane	ND		0.92	0.24	ug/m3			03/05/19 17:39	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.22	ug/m3			03/05/19 17:39	1
1,3,5-Trimethylbenzene	ND		0.98	0.32	ug/m3			03/05/19 17:39	1
1,3-Butadiene	ND		0.88	0.14	ug/m3			03/05/19 17:39	1
1,3-Dichlorobenzene	ND		1.2	0.39	ug/m3			03/05/19 17:39	1
1,4-Dichlorobenzene	ND		1.2	0.38	ug/m3			03/05/19 17:39	1
1,4-Dioxane	ND		1.4	0.29	ug/m3			03/05/19 17:39	1
2,2,4-Trimethylpentane	0.32	J	1.9	0.18	ug/m3			03/05/19 17:39	1
2-Chlorotoluene	ND		2.1	0.33	ug/m3			03/05/19 17:39	1
3-Chloropropene	ND		0.63	0.15	ug/m3			03/05/19 17:39	1
4-Ethyltoluene	ND		2.0	0.32	ug/m3			03/05/19 17:39	1
4-Isopropyltoluene	ND		1.1	0.31	ug/m3			03/05/19 17:39	1
Acetone	15	J	18	3.3	ug/m3			03/05/19 17:39	1
Benzene	0.77		0.64	0.18	ug/m3			03/05/19 17:39	1
Benzyl chloride	ND		2.1	0.40	ug/m3			03/05/19 17:39	1
Bromodichloromethane	ND		1.3	0.29	ug/m3			03/05/19 17:39	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.15	ug/m3			03/05/19 17:39	1
Bromoform	ND		2.1	0.50	ug/m3			03/05/19 17:39	1
Bromomethane	ND		0.78	0.12	ug/m3			03/05/19 17:39	1
Carbon disulfide	0.13	J	1.2	0.097	ug/m3			03/05/19 17:39	1
Carbon tetrachloride	0.28	J	1.3	0.24	ug/m3			03/05/19 17:39	1
Chlorobenzene	ND		0.92	0.23	ug/m3			03/05/19 17:39	1
Chloroethane	ND		0.53	0.092	ug/m3			03/05/19 17:39	1
Chloroform	ND		0.98	0.19	ug/m3			03/05/19 17:39	1
Chloromethane	1.6	J	2.1	0.33	ug/m3			03/05/19 17:39	1
cis-1,2-Dichloroethene	12		0.79	0.24	ug/m3			03/05/19 17:39	1
cis-1,3-Dichloropropene	ND		1.8	0.34	ug/m3			03/05/19 17:39	1
Cumene	ND		2.0	0.29	ug/m3			03/05/19 17:39	1
Cyclohexane	0.20	J	1.4	0.14	ug/m3			03/05/19 17:39	1
Dibromochloromethane	ND		1.7	0.36	ug/m3			03/05/19 17:39	1
Dichlorodifluoromethane	2.6		0.99	0.34	ug/m3			03/05/19 17:39	1
Ethylbenzene	0.31	J	0.87	0.30	ug/m3			03/05/19 17:39	1
Freon 22	1.0		0.71	0.13	ug/m3			03/05/19 17:39	1
Freon TF	0.53	J	1.5	0.24	ug/m3			03/05/19 17:39	1
Hexachlorobutadiene	ND		11	0.83	ug/m3			03/05/19 17:39	1
Isopropyl alcohol	4.1		2.9	0.23	ug/m3			03/05/19 17:39	1
m,p-Xylene	0.91		0.87	0.52	ug/m3			03/05/19 17:39	1

TestAmerica Knoxville

Client Sample Results

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Client Sample ID: IADB-1

Date Collected: 02/28/19 14:35

Date Received: 03/02/19 09:40

Sample Container: Summa Canister 6L

Lab Sample ID: 140-14470-4

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	ND		1.6	0.24	ug/m3			03/05/19 17:39	1
Methyl Ethyl Ketone	1.3	J	2.9	0.59	ug/m3			03/05/19 17:39	1
methyl isobutyl ketone	ND		4.1	0.80	ug/m3			03/05/19 17:39	1
Methyl methacrylate	ND		1.6	0.32	ug/m3			03/05/19 17:39	1
Methyl tert-butyl ether	ND		3.6	0.61	ug/m3			03/05/19 17:39	1
Methylene Chloride	1.7	J	3.5	1.1	ug/m3			03/05/19 17:39	1
Naphthalene	ND		2.1	0.47	ug/m3			03/05/19 17:39	1
n-Butane	4.5		2.4	0.17	ug/m3			03/05/19 17:39	1
n-Butylbenzene	ND		2.2	0.25	ug/m3			03/05/19 17:39	1
n-Heptane	0.31	J	1.6	0.19	ug/m3			03/05/19 17:39	1
n-Hexane	0.56	J	1.4	0.11	ug/m3			03/05/19 17:39	1
n-Propylbenzene	ND		2.0	0.28	ug/m3			03/05/19 17:39	1
sec-Butylbenzene	ND		2.2	0.35	ug/m3			03/05/19 17:39	1
Styrene	ND		0.85	0.25	ug/m3			03/05/19 17:39	1
tert-Butyl alcohol	0.17	J	3.0	0.12	ug/m3			03/05/19 17:39	1
tert-Butylbenzene	ND		2.2	0.36	ug/m3			03/05/19 17:39	1
Tetrachloroethene	140		1.4	0.27	ug/m3			03/05/19 17:39	1
Tetrahydrofuran	ND		2.9	0.19	ug/m3			03/05/19 17:39	1
Toluene	2.0	J	3.8	0.45	ug/m3			03/05/19 17:39	1
trans-1,2-Dichloroethene	0.33	J	0.79	0.20	ug/m3			03/05/19 17:39	1
trans-1,3-Dichloropropene	ND		0.91	0.22	ug/m3			03/05/19 17:39	1
Trichloroethene	7.5		1.1	0.19	ug/m3			03/05/19 17:39	1
Trichlorofluoromethane	1.2		1.1	0.14	ug/m3			03/05/19 17:39	1
Vinyl chloride	ND		1.0	0.18	ug/m3			03/05/19 17:39	1
Xylene (total)	1.2	J	1.7	0.26	ug/m3			03/05/19 17:39	1
Xylene, o-	0.31	J	0.87	0.26	ug/m3			03/05/19 17:39	1

TestAmerica Knoxville

Client Sample Results

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Client Sample ID: IADB-2

Date Collected: 02/28/19 16:42

Date Received: 03/02/19 09:40

Sample Container: Summa Canister 6L

Lab Sample ID: 140-14470-5

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	J	1.1	0.16	ug/m3			03/05/19 18:22	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/05/19 18:22	1
1,1,2-Trichloroethane	ND		1.1	0.28	ug/m3			03/05/19 18:22	1
1,1-Dichloroethane	ND		0.81	0.11	ug/m3			03/05/19 18:22	1
1,1-Dichloroethene	ND		0.79	0.13	ug/m3			03/05/19 18:22	1
1,2,4-Trichlorobenzene	ND		7.4	0.73	ug/m3			03/05/19 18:22	1
1,2,4-Trimethylbenzene	ND		0.98	0.31	ug/m3			03/05/19 18:22	1
1,2-Dibromoethane	ND		1.5	0.34	ug/m3			03/05/19 18:22	1
1,2-Dichlorobenzene	ND		2.4	0.42	ug/m3			03/05/19 18:22	1
1,2-Dichloroethane	0.22	J	0.81	0.19	ug/m3			03/05/19 18:22	1
1,2-Dichloroethene, Total	10		1.6	0.20	ug/m3			03/05/19 18:22	1
1,2-Dichloropropane	ND		0.92	0.24	ug/m3			03/05/19 18:22	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.22	ug/m3			03/05/19 18:22	1
1,3,5-Trimethylbenzene	ND		0.98	0.32	ug/m3			03/05/19 18:22	1
1,3-Butadiene	ND		0.88	0.14	ug/m3			03/05/19 18:22	1
1,3-Dichlorobenzene	ND		1.2	0.39	ug/m3			03/05/19 18:22	1
1,4-Dichlorobenzene	ND		1.2	0.38	ug/m3			03/05/19 18:22	1
1,4-Dioxane	ND		1.4	0.29	ug/m3			03/05/19 18:22	1
2,2,4-Trimethylpentane	0.28	J	1.9	0.18	ug/m3			03/05/19 18:22	1
2-Chlorotoluene	ND		2.1	0.33	ug/m3			03/05/19 18:22	1
3-Chloropropene	ND		0.63	0.15	ug/m3			03/05/19 18:22	1
4-Ethyltoluene	ND		2.0	0.32	ug/m3			03/05/19 18:22	1
4-Isopropyltoluene	ND		1.1	0.31	ug/m3			03/05/19 18:22	1
Acetone	23	CI	18	3.3	ug/m3			03/05/19 18:22	1
Benzene	0.67		0.64	0.18	ug/m3			03/05/19 18:22	1
Benzyl chloride	ND		2.1	0.40	ug/m3			03/05/19 18:22	1
Bromodichloromethane	ND		1.3	0.29	ug/m3			03/05/19 18:22	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.15	ug/m3			03/05/19 18:22	1
Bromoform	ND		2.1	0.50	ug/m3			03/05/19 18:22	1
Bromomethane	ND		0.78	0.12	ug/m3			03/05/19 18:22	1
Carbon disulfide	0.15	J	1.2	0.097	ug/m3			03/05/19 18:22	1
Carbon tetrachloride	0.43	J	1.3	0.24	ug/m3			03/05/19 18:22	1
Chlorobenzene	ND		0.92	0.23	ug/m3			03/05/19 18:22	1
Chloroethane	ND		0.53	0.092	ug/m3			03/05/19 18:22	1
Chloroform	ND		0.98	0.19	ug/m3			03/05/19 18:22	1
Chloromethane	1.2	J	2.1	0.33	ug/m3			03/05/19 18:22	1
cis-1,2-Dichloroethene	10		0.79	0.24	ug/m3			03/05/19 18:22	1
cis-1,3-Dichloropropene	ND		1.8	0.34	ug/m3			03/05/19 18:22	1
Cumene	ND		2.0	0.29	ug/m3			03/05/19 18:22	1
Cyclohexane	0.15	J	1.4	0.14	ug/m3			03/05/19 18:22	1
Dibromochloromethane	ND		1.7	0.36	ug/m3			03/05/19 18:22	1
Dichlorodifluoromethane	2.5		0.99	0.34	ug/m3			03/05/19 18:22	1
Ethylbenzene	0.33	J	0.87	0.30	ug/m3			03/05/19 18:22	1
Freon 22	1.1		0.71	0.13	ug/m3			03/05/19 18:22	1
Freon TF	0.51	J	1.5	0.24	ug/m3			03/05/19 18:22	1
Hexachlorobutadiene	ND		11	0.83	ug/m3			03/05/19 18:22	1
Isopropyl alcohol	3.7		2.9	0.23	ug/m3			03/05/19 18:22	1
m,p-Xylene	1.1		0.87	0.52	ug/m3			03/05/19 18:22	1

TestAmerica Knoxville

Client Sample Results

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Client Sample ID: IADB-2

Date Collected: 02/28/19 16:42

Date Received: 03/02/19 09:40

Sample Container: Summa Canister 6L

Lab Sample ID: 140-14470-5

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	ND		1.6	0.24	ug/m3			03/05/19 18:22	1
Methyl Ethyl Ketone	2.1	J	2.9	0.59	ug/m3			03/05/19 18:22	1
methyl isobutyl ketone	ND		4.1	0.80	ug/m3			03/05/19 18:22	1
Methyl methacrylate	ND		1.6	0.32	ug/m3			03/05/19 18:22	1
Methyl tert-butyl ether	ND		3.6	0.61	ug/m3			03/05/19 18:22	1
Methylene Chloride	1.5	J	3.5	1.1	ug/m3			03/05/19 18:22	1
Naphthalene	ND		2.1	0.47	ug/m3			03/05/19 18:22	1
n-Butane	5.0		2.4	0.17	ug/m3			03/05/19 18:22	1
n-Butylbenzene	ND		2.2	0.25	ug/m3			03/05/19 18:22	1
n-Heptane	0.32	J	1.6	0.19	ug/m3			03/05/19 18:22	1
n-Hexane	0.56	J	1.4	0.11	ug/m3			03/05/19 18:22	1
n-Propylbenzene	ND		2.0	0.28	ug/m3			03/05/19 18:22	1
sec-Butylbenzene	ND		2.2	0.35	ug/m3			03/05/19 18:22	1
Styrene	ND		0.85	0.25	ug/m3			03/05/19 18:22	1
tert-Butyl alcohol	0.28	J	3.0	0.12	ug/m3			03/05/19 18:22	1
tert-Butylbenzene	ND		2.2	0.36	ug/m3			03/05/19 18:22	1
Tetrachloroethene	130		1.4	0.27	ug/m3			03/05/19 18:22	1
Tetrahydrofuran	0.20	J	2.9	0.19	ug/m3			03/05/19 18:22	1
Toluene	2.3	J	3.8	0.45	ug/m3			03/05/19 18:22	1
trans-1,2-Dichloroethene	0.30	J	0.79	0.20	ug/m3			03/05/19 18:22	1
trans-1,3-Dichloropropene	ND		0.91	0.22	ug/m3			03/05/19 18:22	1
Trichloroethene	7.0		1.1	0.19	ug/m3			03/05/19 18:22	1
Trichlorofluoromethane	1.2		1.1	0.14	ug/m3			03/05/19 18:22	1
Vinyl chloride	ND		1.0	0.18	ug/m3			03/05/19 18:22	1
Xylene (total)	1.5	J	1.7	0.26	ug/m3			03/05/19 18:22	1
Xylene, o-	0.35	J	0.87	0.26	ug/m3			03/05/19 18:22	1

TestAmerica Knoxville

Client Sample Results

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Client Sample ID: IADB-3

Date Collected: 02/28/19 16:58

Date Received: 03/02/19 09:40

Sample Container: Summa Canister 6L

Lab Sample ID: 140-14470-6

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.18	J	1.1	0.16	ug/m3			03/05/19 19:05	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/05/19 19:05	1
1,1,2-Trichloroethane	ND		1.1	0.28	ug/m3			03/05/19 19:05	1
1,1-Dichloroethane	ND		0.81	0.11	ug/m3			03/05/19 19:05	1
1,1-Dichloroethene	ND		0.79	0.13	ug/m3			03/05/19 19:05	1
1,2,4-Trichlorobenzene	ND		7.4	0.73	ug/m3			03/05/19 19:05	1
1,2,4-Trimethylbenzene	ND		0.98	0.31	ug/m3			03/05/19 19:05	1
1,2-Dibromoethane	ND		1.5	0.34	ug/m3			03/05/19 19:05	1
1,2-Dichlorobenzene	ND		2.4	0.42	ug/m3			03/05/19 19:05	1
1,2-Dichloroethane	ND		0.81	0.19	ug/m3			03/05/19 19:05	1
1,2-Dichloroethene, Total	5.2		1.6	0.20	ug/m3			03/05/19 19:05	1
1,2-Dichloropropane	ND		0.92	0.24	ug/m3			03/05/19 19:05	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.22	ug/m3			03/05/19 19:05	1
1,3,5-Trimethylbenzene	ND		0.98	0.32	ug/m3			03/05/19 19:05	1
1,3-Butadiene	ND		0.88	0.14	ug/m3			03/05/19 19:05	1
1,3-Dichlorobenzene	ND		1.2	0.39	ug/m3			03/05/19 19:05	1
1,4-Dichlorobenzene	8.9		1.2	0.38	ug/m3			03/05/19 19:05	1
1,4-Dioxane	ND		1.4	0.29	ug/m3			03/05/19 19:05	1
2,2,4-Trimethylpentane	0.27	J	1.9	0.18	ug/m3			03/05/19 19:05	1
2-Chlorotoluene	ND		2.1	0.33	ug/m3			03/05/19 19:05	1
3-Chloropropene	0.16	J	0.63	0.15	ug/m3			03/05/19 19:05	1
4-Ethyltoluene	ND		2.0	0.32	ug/m3			03/05/19 19:05	1
4-Isopropyltoluene	ND		1.1	0.31	ug/m3			03/05/19 19:05	1
Acetone	30	CI	18	3.3	ug/m3			03/05/19 19:05	1
Benzene	0.68		0.64	0.18	ug/m3			03/05/19 19:05	1
Benzyl chloride	ND		2.1	0.40	ug/m3			03/05/19 19:05	1
Bromodichloromethane	ND		1.3	0.29	ug/m3			03/05/19 19:05	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.15	ug/m3			03/05/19 19:05	1
Bromoform	ND		2.1	0.50	ug/m3			03/05/19 19:05	1
Bromomethane	ND		0.78	0.12	ug/m3			03/05/19 19:05	1
Carbon disulfide	0.36	J	1.2	0.097	ug/m3			03/05/19 19:05	1
Carbon tetrachloride	0.44	J	1.3	0.24	ug/m3			03/05/19 19:05	1
Chlorobenzene	ND		0.92	0.23	ug/m3			03/05/19 19:05	1
Chloroethane	ND		0.53	0.092	ug/m3			03/05/19 19:05	1
Chloroform	ND		0.98	0.19	ug/m3			03/05/19 19:05	1
Chloromethane	1.3	J	2.1	0.33	ug/m3			03/05/19 19:05	1
cis-1,2-Dichloroethene	5.2		0.79	0.24	ug/m3			03/05/19 19:05	1
cis-1,3-Dichloropropene	ND		1.8	0.34	ug/m3			03/05/19 19:05	1
Cumene	ND		2.0	0.29	ug/m3			03/05/19 19:05	1
Cyclohexane	0.19	J	1.4	0.14	ug/m3			03/05/19 19:05	1
Dibromochloromethane	ND		1.7	0.36	ug/m3			03/05/19 19:05	1
Dichlorodifluoromethane	2.4		0.99	0.34	ug/m3			03/05/19 19:05	1
Ethylbenzene	ND		0.87	0.30	ug/m3			03/05/19 19:05	1
Freon 22	ND		0.71	0.13	ug/m3			03/05/19 19:05	1
Freon TF	0.51	J	1.5	0.24	ug/m3			03/05/19 19:05	1
Hexachlorobutadiene	ND		11	0.83	ug/m3			03/05/19 19:05	1
Isopropyl alcohol	4.0		2.9	0.23	ug/m3			03/05/19 19:05	1
m,p-Xylene	0.84	J	0.87	0.52	ug/m3			03/05/19 19:05	1

TestAmerica Knoxville

Client Sample Results

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Client Sample ID: IADB-3

Date Collected: 02/28/19 16:58

Date Received: 03/02/19 09:40

Sample Container: Summa Canister 6L

Lab Sample ID: 140-14470-6

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	0.47	J	1.6	0.24	ug/m3			03/05/19 19:05	1
Methyl Ethyl Ketone	3.2		2.9	0.59	ug/m3			03/05/19 19:05	1
methyl isobutyl ketone	ND		4.1	0.80	ug/m3			03/05/19 19:05	1
Methyl methacrylate	ND		1.6	0.32	ug/m3			03/05/19 19:05	1
Methyl tert-butyl ether	ND		3.6	0.61	ug/m3			03/05/19 19:05	1
Methylene Chloride	1.4	J	3.5	1.1	ug/m3			03/05/19 19:05	1
Naphthalene	ND		2.1	0.47	ug/m3			03/05/19 19:05	1
n-Butane	3.2		2.4	0.17	ug/m3			03/05/19 19:05	1
n-Butylbenzene	ND		2.2	0.25	ug/m3			03/05/19 19:05	1
n-Heptane	0.39	J	1.6	0.19	ug/m3			03/05/19 19:05	1
n-Hexane	0.48	J	1.4	0.11	ug/m3			03/05/19 19:05	1
n-Propylbenzene	ND		2.0	0.28	ug/m3			03/05/19 19:05	1
sec-Butylbenzene	ND		2.2	0.35	ug/m3			03/05/19 19:05	1
Styrene	ND		0.85	0.25	ug/m3			03/05/19 19:05	1
tert-Butyl alcohol	1.1	J	3.0	0.12	ug/m3			03/05/19 19:05	1
tert-Butylbenzene	ND		2.2	0.36	ug/m3			03/05/19 19:05	1
Tetrachloroethene	63		1.4	0.27	ug/m3			03/05/19 19:05	1
Tetrahydrofuran	ND		2.9	0.19	ug/m3			03/05/19 19:05	1
Toluene	1.5	J	3.8	0.45	ug/m3			03/05/19 19:05	1
trans-1,2-Dichloroethene	ND		0.79	0.20	ug/m3			03/05/19 19:05	1
trans-1,3-Dichloropropene	ND		0.91	0.22	ug/m3			03/05/19 19:05	1
Trichloroethene	3.7		1.1	0.19	ug/m3			03/05/19 19:05	1
Trichlorofluoromethane	1.2		1.1	0.14	ug/m3			03/05/19 19:05	1
Vinyl chloride	ND		1.0	0.18	ug/m3			03/05/19 19:05	1
Xylene (total)	1.2	J	1.7	0.26	ug/m3			03/05/19 19:05	1
Xylene, o-	0.34	J	0.87	0.26	ug/m3			03/05/19 19:05	1

TestAmerica Knoxville

Client Sample Results

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Client Sample ID: IADB-4

Date Collected: 02/28/19 17:00

Date Received: 03/02/19 09:40

Sample Container: Summa Canister 6L

Lab Sample ID: 140-14470-7

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.16	ug/m3			03/05/19 19:48	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/05/19 19:48	1
1,1,2-Trichloroethane	ND		1.1	0.28	ug/m3			03/05/19 19:48	1
1,1-Dichloroethane	ND		0.81	0.11	ug/m3			03/05/19 19:48	1
1,1-Dichloroethene	ND		0.79	0.13	ug/m3			03/05/19 19:48	1
1,2,4-Trichlorobenzene	ND		7.4	0.73	ug/m3			03/05/19 19:48	1
1,2,4-Trimethylbenzene	ND		0.98	0.31	ug/m3			03/05/19 19:48	1
1,2-Dibromoethane	ND		1.5	0.34	ug/m3			03/05/19 19:48	1
1,2-Dichlorobenzene	ND		2.4	0.42	ug/m3			03/05/19 19:48	1
1,2-Dichloroethane	ND		0.81	0.19	ug/m3			03/05/19 19:48	1
1,2-Dichloroethene, Total	4.5		1.6	0.20	ug/m3			03/05/19 19:48	1
1,2-Dichloropropane	ND		0.92	0.24	ug/m3			03/05/19 19:48	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.22	ug/m3			03/05/19 19:48	1
1,3,5-Trimethylbenzene	ND		0.98	0.32	ug/m3			03/05/19 19:48	1
1,3-Butadiene	ND		0.88	0.14	ug/m3			03/05/19 19:48	1
1,3-Dichlorobenzene	ND		1.2	0.39	ug/m3			03/05/19 19:48	1
1,4-Dichlorobenzene	3.2		1.2	0.38	ug/m3			03/05/19 19:48	1
1,4-Dioxane	ND		1.4	0.29	ug/m3			03/05/19 19:48	1
2,2,4-Trimethylpentane	0.28	J	1.9	0.18	ug/m3			03/05/19 19:48	1
2-Chlorotoluene	ND		2.1	0.33	ug/m3			03/05/19 19:48	1
3-Chloropropene	ND		0.63	0.15	ug/m3			03/05/19 19:48	1
4-Ethyltoluene	ND		2.0	0.32	ug/m3			03/05/19 19:48	1
4-Isopropyltoluene	ND		1.1	0.31	ug/m3			03/05/19 19:48	1
Acetone	24		18	3.3	ug/m3			03/05/19 19:48	1
Benzene	0.68		0.64	0.18	ug/m3			03/05/19 19:48	1
Benzyl chloride	ND		2.1	0.40	ug/m3			03/05/19 19:48	1
Bromodichloromethane	ND		1.3	0.29	ug/m3			03/05/19 19:48	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.15	ug/m3			03/05/19 19:48	1
Bromoform	ND		2.1	0.50	ug/m3			03/05/19 19:48	1
Bromomethane	ND		0.78	0.12	ug/m3			03/05/19 19:48	1
Carbon disulfide	0.61	J	1.2	0.097	ug/m3			03/05/19 19:48	1
Carbon tetrachloride	0.44	J	1.3	0.24	ug/m3			03/05/19 19:48	1
Chlorobenzene	ND		0.92	0.23	ug/m3			03/05/19 19:48	1
Chloroethane	ND		0.53	0.092	ug/m3			03/05/19 19:48	1
Chloroform	ND		0.98	0.19	ug/m3			03/05/19 19:48	1
Chloromethane	1.5	J	2.1	0.33	ug/m3			03/05/19 19:48	1
cis-1,2-Dichloroethene	4.5		0.79	0.24	ug/m3			03/05/19 19:48	1
cis-1,3-Dichloropropene	ND		1.8	0.34	ug/m3			03/05/19 19:48	1
Cumene	ND		2.0	0.29	ug/m3			03/05/19 19:48	1
Cyclohexane	0.20	J	1.4	0.14	ug/m3			03/05/19 19:48	1
Dibromochloromethane	ND		1.7	0.36	ug/m3			03/05/19 19:48	1
Dichlorodifluoromethane	2.5		0.99	0.34	ug/m3			03/05/19 19:48	1
Ethylbenzene	ND		0.87	0.30	ug/m3			03/05/19 19:48	1
Freon 22	45	CI	0.71	0.13	ug/m3			03/05/19 19:48	1
Freon TF	0.58	J	1.5	0.24	ug/m3			03/05/19 19:48	1
Hexachlorobutadiene	ND		11	0.83	ug/m3			03/05/19 19:48	1
Isopropyl alcohol	5.1		2.9	0.23	ug/m3			03/05/19 19:48	1
m,p-Xylene	0.63	J	0.87	0.52	ug/m3			03/05/19 19:48	1

TestAmerica Knoxville

Client Sample Results

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Client Sample ID: IADB-4

Date Collected: 02/28/19 17:00

Date Received: 03/02/19 09:40

Sample Container: Summa Canister 6L

Lab Sample ID: 140-14470-7

Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	ND		1.6	0.24	ug/m3			03/05/19 19:48	1
Methyl Ethyl Ketone	1.7	J	2.9	0.59	ug/m3			03/05/19 19:48	1
methyl isobutyl ketone	ND		4.1	0.80	ug/m3			03/05/19 19:48	1
Methyl methacrylate	ND		1.6	0.32	ug/m3			03/05/19 19:48	1
Methyl tert-butyl ether	ND		3.6	0.61	ug/m3			03/05/19 19:48	1
Methylene Chloride	1.9	J	3.5	1.1	ug/m3			03/05/19 19:48	1
Naphthalene	ND		2.1	0.47	ug/m3			03/05/19 19:48	1
n-Butane	3.0		2.4	0.17	ug/m3			03/05/19 19:48	1
n-Butylbenzene	ND		2.2	0.25	ug/m3			03/05/19 19:48	1
n-Heptane	0.35	J	1.6	0.19	ug/m3			03/05/19 19:48	1
n-Hexane	0.64	J	1.4	0.11	ug/m3			03/05/19 19:48	1
n-Propylbenzene	ND		2.0	0.28	ug/m3			03/05/19 19:48	1
sec-Butylbenzene	ND		2.2	0.35	ug/m3			03/05/19 19:48	1
Styrene	ND		0.85	0.25	ug/m3			03/05/19 19:48	1
tert-Butyl alcohol	0.29	J	3.0	0.12	ug/m3			03/05/19 19:48	1
tert-Butylbenzene	ND		2.2	0.36	ug/m3			03/05/19 19:48	1
Tetrachloroethene	50		1.4	0.27	ug/m3			03/05/19 19:48	1
Tetrahydrofuran	ND		2.9	0.19	ug/m3			03/05/19 19:48	1
Toluene	1.3	J	3.8	0.45	ug/m3			03/05/19 19:48	1
trans-1,2-Dichloroethene	ND		0.79	0.20	ug/m3			03/05/19 19:48	1
trans-1,3-Dichloropropene	ND		0.91	0.22	ug/m3			03/05/19 19:48	1
Trichloroethene	2.9		1.1	0.19	ug/m3			03/05/19 19:48	1
Trichlorofluoromethane	1.2		1.1	0.14	ug/m3			03/05/19 19:48	1
Vinyl chloride	ND		1.0	0.18	ug/m3			03/05/19 19:48	1
Xylene (total)	0.63	J	1.7	0.26	ug/m3			03/05/19 19:48	1
Xylene, o-	ND		0.87	0.26	ug/m3			03/05/19 19:48	1

TestAmerica Knoxville

Default Detection Limits

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	RL	MDL	Units	Method
1,1,1-Trichloroethane	1.1	0.16	ug/m3	TO-15
1,1,2,2-Tetrachloroethane	1.4	0.42	ug/m3	TO-15
1,1,2-Trichloroethane	1.1	0.28	ug/m3	TO-15
1,1-Dichloroethane	0.81	0.11	ug/m3	TO-15
1,1-Dichloroethene	0.79	0.13	ug/m3	TO-15
1,2,4-Trichlorobenzene	7.4	0.73	ug/m3	TO-15
1,2,4-Trimethylbenzene	0.98	0.31	ug/m3	TO-15
1,2-Dibromoethane	1.5	0.34	ug/m3	TO-15
1,2-Dichlorobenzene	2.4	0.42	ug/m3	TO-15
1,2-Dichloroethane	0.81	0.19	ug/m3	TO-15
1,2-Dichloroethene, Total	1.6	0.20	ug/m3	TO-15
1,2-Dichloropropane	0.92	0.24	ug/m3	TO-15
1,2-Dichlorotetrafluoroethane	1.4	0.22	ug/m3	TO-15
1,3,5-Trimethylbenzene	0.98	0.32	ug/m3	TO-15
1,3-Butadiene	0.88	0.14	ug/m3	TO-15
1,3-Dichlorobenzene	1.2	0.39	ug/m3	TO-15
1,4-Dichlorobenzene	1.2	0.38	ug/m3	TO-15
1,4-Dioxane	1.4	0.29	ug/m3	TO-15
2,2,4-Trimethylpentane	1.9	0.18	ug/m3	TO-15
2-Chlorotoluene	2.1	0.33	ug/m3	TO-15
3-Chloropropene	0.63	0.15	ug/m3	TO-15
4-Ethyltoluene	2.0	0.32	ug/m3	TO-15
4-Isopropyltoluene	1.1	0.31	ug/m3	TO-15
Acetone	18	3.3	ug/m3	TO-15
Benzene	0.64	0.18	ug/m3	TO-15
Benzyl chloride	2.1	0.40	ug/m3	TO-15
Bromodichloromethane	1.3	0.29	ug/m3	TO-15
Bromoethene(Vinyl Bromide)	0.87	0.15	ug/m3	TO-15
Bromoform	2.1	0.50	ug/m3	TO-15
Bromomethane	0.78	0.12	ug/m3	TO-15
Carbon disulfide	1.2	0.097	ug/m3	TO-15
Carbon tetrachloride	1.3	0.24	ug/m3	TO-15
Chlorobenzene	0.92	0.23	ug/m3	TO-15
Chloroethane	0.53	0.092	ug/m3	TO-15
Chloroform	0.98	0.19	ug/m3	TO-15
Chloromethane	2.1	0.33	ug/m3	TO-15
cis-1,2-Dichloroethene	0.79	0.24	ug/m3	TO-15
cis-1,3-Dichloropropene	1.8	0.34	ug/m3	TO-15
Cumene	2.0	0.29	ug/m3	TO-15
Cyclohexane	1.4	0.14	ug/m3	TO-15
Dibromochloromethane	1.7	0.36	ug/m3	TO-15
Dichlorodifluoromethane	0.99	0.34	ug/m3	TO-15
Ethylbenzene	0.87	0.30	ug/m3	TO-15
Freon 22	0.71	0.13	ug/m3	TO-15
Freon TF	1.5	0.24	ug/m3	TO-15
Hexachlorobutadiene	11	0.83	ug/m3	TO-15
Isopropyl alcohol	2.9	0.23	ug/m3	TO-15
m,p-Xylene	0.87	0.52	ug/m3	TO-15
Methyl Butyl Ketone (2-Hexanone)	1.6	0.24	ug/m3	TO-15
Methyl Ethyl Ketone	2.9	0.59	ug/m3	TO-15
methyl isobutyl ketone	4.1	0.80	ug/m3	TO-15
Methyl methacrylate	1.6	0.32	ug/m3	TO-15

TestAmerica Knoxville

Default Detection Limits

Client: D&B Engineers and Architects, P.C.

TestAmerica Job ID: 140-14470-1

Project/Site: NYSDEC -Fresh and Clean Laundry

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	RL	MDL	Units	Method
Methyl tert-butyl ether	3.6	0.61	ug/m3	TO-15
Methylene Chloride	3.5	1.1	ug/m3	TO-15
Naphthalene	2.1	0.47	ug/m3	TO-15
n-Butane	2.4	0.17	ug/m3	TO-15
n-Butylbenzene	2.2	0.25	ug/m3	TO-15
n-Heptane	1.6	0.19	ug/m3	TO-15
n-Hexane	1.4	0.11	ug/m3	TO-15
n-Propylbenzene	2.0	0.28	ug/m3	TO-15
sec-Butylbenzene	2.2	0.35	ug/m3	TO-15
Styrene	0.85	0.25	ug/m3	TO-15
tert-Butyl alcohol	3.0	0.12	ug/m3	TO-15
tert-Butylbenzene	2.2	0.36	ug/m3	TO-15
Tetrachloroethene	1.4	0.27	ug/m3	TO-15
Tetrahydrofuran	2.9	0.19	ug/m3	TO-15
Toluene	3.8	0.45	ug/m3	TO-15
trans-1,2-Dichloroethene	0.79	0.20	ug/m3	TO-15
trans-1,3-Dichloropropene	0.91	0.22	ug/m3	TO-15
Trichloroethene	1.1	0.19	ug/m3	TO-15
Trichlorofluoromethane	1.1	0.14	ug/m3	TO-15
Vinyl chloride	1.0	0.18	ug/m3	TO-15
Xylene (total)	1.7	0.26	ug/m3	TO-15
Xylene, o-	0.87	0.26	ug/m3	TO-15

QC Sample Results

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 140-28075/5

Matrix: Air

Analysis Batch: 28075

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.16	ug/m3			03/05/19 13:33	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.42	ug/m3			03/05/19 13:33	1
1,1,2-Trichloroethane	ND		1.1	0.28	ug/m3			03/05/19 13:33	1
1,1-Dichloroethane	ND		0.81	0.11	ug/m3			03/05/19 13:33	1
1,1-Dichloroethene	ND		0.79	0.13	ug/m3			03/05/19 13:33	1
1,2,4-Trichlorobenzene	ND		7.4	0.73	ug/m3			03/05/19 13:33	1
1,2,4-Trimethylbenzene	ND		0.98	0.31	ug/m3			03/05/19 13:33	1
1,2-Dibromoethane	ND		1.5	0.34	ug/m3			03/05/19 13:33	1
1,2-Dichlorobenzene	ND		2.4	0.42	ug/m3			03/05/19 13:33	1
1,2-Dichloroethane	ND		0.81	0.19	ug/m3			03/05/19 13:33	1
1,2-Dichloroethene, Total	ND		1.6	0.20	ug/m3			03/05/19 13:33	1
1,2-Dichloropropane	ND		0.92	0.24	ug/m3			03/05/19 13:33	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.22	ug/m3			03/05/19 13:33	1
1,3,5-Trimethylbenzene	ND		0.98	0.32	ug/m3			03/05/19 13:33	1
1,3-Butadiene	ND		0.88	0.14	ug/m3			03/05/19 13:33	1
1,3-Dichlorobenzene	ND		1.2	0.39	ug/m3			03/05/19 13:33	1
1,4-Dichlorobenzene	ND		1.2	0.38	ug/m3			03/05/19 13:33	1
1,4-Dioxane	ND		1.4	0.29	ug/m3			03/05/19 13:33	1
2,2,4-Trimethylpentane	ND		1.9	0.18	ug/m3			03/05/19 13:33	1
2-Chlorotoluene	ND		2.1	0.33	ug/m3			03/05/19 13:33	1
3-Chloropropene	ND		0.63	0.15	ug/m3			03/05/19 13:33	1
4-Ethyltoluene	ND		2.0	0.32	ug/m3			03/05/19 13:33	1
4-Isopropyltoluene	ND		1.1	0.31	ug/m3			03/05/19 13:33	1
Acetone	ND		18	3.3	ug/m3			03/05/19 13:33	1
Benzene	ND		0.64	0.18	ug/m3			03/05/19 13:33	1
Benzyl chloride	ND		2.1	0.40	ug/m3			03/05/19 13:33	1
Bromodichloromethane	ND		1.3	0.29	ug/m3			03/05/19 13:33	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.15	ug/m3			03/05/19 13:33	1
Bromoform	ND		2.1	0.50	ug/m3			03/05/19 13:33	1
Bromomethane	ND		0.78	0.12	ug/m3			03/05/19 13:33	1
Carbon disulfide	ND		1.2	0.097	ug/m3			03/05/19 13:33	1
Carbon tetrachloride	ND		1.3	0.24	ug/m3			03/05/19 13:33	1
Chlorobenzene	ND		0.92	0.23	ug/m3			03/05/19 13:33	1
Chloroethane	ND		0.53	0.092	ug/m3			03/05/19 13:33	1
Chloroform	ND		0.98	0.19	ug/m3			03/05/19 13:33	1
Chloromethane	ND		2.1	0.33	ug/m3			03/05/19 13:33	1
cis-1,2-Dichloroethene	ND		0.79	0.24	ug/m3			03/05/19 13:33	1
cis-1,3-Dichloropropene	ND		1.8	0.34	ug/m3			03/05/19 13:33	1
Cumene	ND		2.0	0.29	ug/m3			03/05/19 13:33	1
Cyclohexane	ND		1.4	0.14	ug/m3			03/05/19 13:33	1
Dibromochloromethane	ND		1.7	0.36	ug/m3			03/05/19 13:33	1
Dichlorodifluoromethane	ND		0.99	0.34	ug/m3			03/05/19 13:33	1
Ethylbenzene	ND		0.87	0.30	ug/m3			03/05/19 13:33	1
Freon 22	ND		0.71	0.13	ug/m3			03/05/19 13:33	1
Freon TF	ND		1.5	0.24	ug/m3			03/05/19 13:33	1
Hexachlorobutadiene	ND		11	0.83	ug/m3			03/05/19 13:33	1
Isopropyl alcohol	ND		2.9	0.23	ug/m3			03/05/19 13:33	1
m,p-Xylene	ND		0.87	0.52	ug/m3			03/05/19 13:33	1

TestAmerica Knoxville

QC Sample Results

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 140-28075/5

Matrix: Air

Analysis Batch: 28075

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	ND		1.6	0.24	ug/m3			03/05/19 13:33	1
Methyl Ethyl Ketone	ND		2.9	0.59	ug/m3			03/05/19 13:33	1
methyl isobutyl ketone	ND		4.1	0.80	ug/m3			03/05/19 13:33	1
Methyl methacrylate	ND		1.6	0.32	ug/m3			03/05/19 13:33	1
Methyl tert-butyl ether	ND		3.6	0.61	ug/m3			03/05/19 13:33	1
Methylene Chloride	ND		3.5	1.1	ug/m3			03/05/19 13:33	1
Naphthalene	ND		2.1	0.47	ug/m3			03/05/19 13:33	1
n-Butane	ND		2.4	0.17	ug/m3			03/05/19 13:33	1
n-Butylbenzene	ND		2.2	0.25	ug/m3			03/05/19 13:33	1
n-Heptane	ND		1.6	0.19	ug/m3			03/05/19 13:33	1
n-Hexane	ND		1.4	0.11	ug/m3			03/05/19 13:33	1
n-Propylbenzene	ND		2.0	0.28	ug/m3			03/05/19 13:33	1
sec-Butylbenzene	ND		2.2	0.35	ug/m3			03/05/19 13:33	1
Styrene	ND		0.85	0.25	ug/m3			03/05/19 13:33	1
tert-Butyl alcohol	ND		3.0	0.12	ug/m3			03/05/19 13:33	1
tert-Butylbenzene	ND		2.2	0.36	ug/m3			03/05/19 13:33	1
Tetrachloroethene	ND		1.4	0.27	ug/m3			03/05/19 13:33	1
Tetrahydrofuran	ND		2.9	0.19	ug/m3			03/05/19 13:33	1
Toluene	ND		3.8	0.45	ug/m3			03/05/19 13:33	1
trans-1,2-Dichloroethene	ND		0.79	0.20	ug/m3			03/05/19 13:33	1
trans-1,3-Dichloropropene	ND		0.91	0.22	ug/m3			03/05/19 13:33	1
Trichloroethene	ND		1.1	0.19	ug/m3			03/05/19 13:33	1
Trichlorofluoromethane	ND		1.1	0.14	ug/m3			03/05/19 13:33	1
Vinyl chloride	ND		1.0	0.18	ug/m3			03/05/19 13:33	1
Xylene (total)	ND		1.7	0.26	ug/m3			03/05/19 13:33	1
Xylene, o-	ND		0.87	0.26	ug/m3			03/05/19 13:33	1

Lab Sample ID: LCS 140-28075/1002

Matrix: Air

Analysis Batch: 28075

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.9	11.2		ug/m3		102	70 - 130
1,1,2,2-Tetrachloroethane	13.7	14.6		ug/m3		106	70 - 130
1,1,2-Trichloroethane	10.9	11.6		ug/m3		106	70 - 130
1,1-Dichloroethane	8.09	8.62		ug/m3		106	70 - 130
1,1-Dichloroethene	7.93	8.40		ug/m3		106	70 - 130
1,2,4-Trichlorobenzene	14.8	12.7		ug/m3		86	60 - 140
1,2,4-Trimethylbenzene	9.83	9.70		ug/m3		99	70 - 130
1,2-Dibromoethane	15.4	16.2		ug/m3		105	70 - 130
1,2-Dichlorobenzene	12.0	11.5		ug/m3		95	70 - 130
1,2-Dichloroethane	8.09	8.45		ug/m3		104	70 - 130
1,2-Dichloropropane	9.24	9.68		ug/m3		105	70 - 130
1,2-Dichlorotetrafluoroethane	14.0	14.0		ug/m3		100	60 - 140
1,3,5-Trimethylbenzene	9.83	9.54		ug/m3		97	70 - 130
1,3-Butadiene	4.42	5.35		ug/m3		121	60 - 140
1,3-Dichlorobenzene	12.0	11.9		ug/m3		99	70 - 130
1,4-Dichlorobenzene	12.0	11.8		ug/m3		98	70 - 130

TestAmerica Knoxville

QC Sample Results

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 140-28075/1002

Matrix: Air

Analysis Batch: 28075

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dioxane	7.21	9.38		ug/m3		130	60 - 140
2,2,4-Trimethylpentane	9.34	10.4		ug/m3		111	70 - 130
2-Chlorotoluene	10.4	10.2		ug/m3		99	70 - 130
3-Chloropropene	6.26	6.24		ug/m3		100	60 - 140
4-Ethyltoluene	9.83	9.74		ug/m3		99	70 - 130
4-Isopropyltoluene	11.0	11.0		ug/m3		100	70 - 130
Acetone	14.3	13.8		ug/m3		97	60 - 140
Benzene	6.39	7.14		ug/m3		112	70 - 130
Benzyl chloride	10.4	10.9		ug/m3		105	70 - 130
Bromodichloromethane	13.4	14.2		ug/m3		106	70 - 130
Bromoethene(Vinyl Bromide)	8.75	8.89		ug/m3		102	60 - 140
Bromoform	20.7	22.5		ug/m3		109	60 - 140
Bromomethane	7.77	8.09		ug/m3		104	70 - 130
Carbon disulfide	6.23	6.78		ug/m3		109	70 - 130
Carbon tetrachloride	12.6	13.6		ug/m3		108	70 - 130
Chlorobenzene	9.21	9.54		ug/m3		104	70 - 130
Chloroethane	5.28	5.92		ug/m3		112	70 - 130
Chloroform	9.77	10.1		ug/m3		104	70 - 130
Chloromethane	4.13	4.89		ug/m3		118	60 - 140
cis-1,2-Dichloroethene	7.93	8.52		ug/m3		107	70 - 130
cis-1,3-Dichloropropene	9.08	9.54		ug/m3		105	70 - 130
Cumene	9.83	9.57		ug/m3		97	70 - 130
Cyclohexane	6.88	8.07		ug/m3		117	70 - 130
Dibromochloromethane	17.0	18.6		ug/m3		109	70 - 130
Dichlorodifluoromethane	9.89	10.7		ug/m3		108	60 - 140
Ethylbenzene	8.68	8.69		ug/m3		100	70 - 130
Freon 22	7.07	7.97		ug/m3		113	60 - 140
Freon TF	15.3	16.0		ug/m3		104	70 - 130
Hexachlorobutadiene	21.3	15.8		ug/m3		74	60 - 140
Isopropyl alcohol	14.7	19.3		ug/m3		131	60 - 140
m,p-Xylene	17.4	17.7		ug/m3		102	70 - 130
Methyl Butyl Ketone (2-Hexanone)	8.20	10.7		ug/m3		130	60 - 140
Methyl Ethyl Ketone	5.90	5.95		ug/m3		101	60 - 140
methyl isobutyl ketone	8.19	9.90		ug/m3		121	60 - 140
Methyl methacrylate	8.19	8.78		ug/m3		107	60 - 140
Methyl tert-butyl ether	7.21	6.83		ug/m3		95	60 - 140
Methylene Chloride	6.95	6.38		ug/m3		92	70 - 130
Naphthalene	10.5	10.1		ug/m3		96	60 - 140
n-Butane	4.75	5.70		ug/m3		120	60 - 140
n-Butylbenzene	11.0	11.6		ug/m3		105	60 - 140
n-Heptane	8.20	9.02		ug/m3		110	70 - 130
n-Hexane	7.05	8.06		ug/m3		114	70 - 130
n-Propylbenzene	9.83	9.43		ug/m3		96	70 - 130
sec-Butylbenzene	11.0	11.0		ug/m3		100	70 - 130
Styrene	8.52	8.89		ug/m3		104	70 - 130
tert-Butyl alcohol	6.06	7.96		ug/m3		131	60 - 140
tert-Butylbenzene	11.0	10.7		ug/m3		97	70 - 130

TestAmerica Knoxville

QC Sample Results

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 140-28075/1002

Matrix: Air

Analysis Batch: 28075

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	13.6	13.9		ug/m3		103	70 - 130
Tetrahydrofuran	5.90	6.23		ug/m3		106	60 - 140
Toluene	7.54	7.62		ug/m3		101	70 - 130
trans-1,2-Dichloroethene	7.93	8.68		ug/m3		109	70 - 130
trans-1,3-Dichloropropene	9.08	9.74		ug/m3		107	70 - 130
Trichloroethene	10.7	11.0		ug/m3		103	70 - 130
Trichlorofluoromethane	11.2	11.3		ug/m3		101	60 - 140
Vinyl chloride	5.11	5.78		ug/m3		113	70 - 130
Xylene, o-	8.68	8.74		ug/m3		101	70 - 130

QC Association Summary

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Air - GC/MS VOA

Analysis Batch: 28075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
140-14470-1	SSDB-1	Total/NA	Air	TO-15	
140-14470-2	SSDB-2	Total/NA	Air	TO-15	
140-14470-3	OADB-1	Total/NA	Air	TO-15	
140-14470-4	IADB-1	Total/NA	Air	TO-15	
140-14470-5	IADB-2	Total/NA	Air	TO-15	
140-14470-6	IADB-3	Total/NA	Air	TO-15	
140-14470-7	IADB-4	Total/NA	Air	TO-15	
MB 140-28075/5	Method Blank	Total/NA	Air	TO-15	
LCS 140-28075/1002	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Client Sample ID: SSDB-1

Date Collected: 02/28/19 13:40

Date Received: 03/02/19 09:40

Lab Sample ID: 140-14470-1

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		11.19	11 mL	500 mL	28075	03/05/19 15:33	S1K	TAL KNX
Instrument ID: MG										

Client Sample ID: SSDB-2

Date Collected: 02/28/19 12:37

Date Received: 03/02/19 09:40

Lab Sample ID: 140-14470-2

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		11.11	20 mL	500 mL	28075	03/05/19 16:16	S1K	TAL KNX
Instrument ID: MG										

Client Sample ID: OADB-1

Date Collected: 02/28/19 16:35

Date Received: 03/02/19 09:40

Lab Sample ID: 140-14470-3

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	200 mL	500 mL	28075	03/05/19 16:58	S1K	TAL KNX
Instrument ID: MG										

Client Sample ID: IADB-1

Date Collected: 02/28/19 14:35

Date Received: 03/02/19 09:40

Lab Sample ID: 140-14470-4

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	200 mL	500 mL	28075	03/05/19 17:39	S1K	TAL KNX
Instrument ID: MG										

Client Sample ID: IADB-2

Date Collected: 02/28/19 16:42

Date Received: 03/02/19 09:40

Lab Sample ID: 140-14470-5

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	200 mL	500 mL	28075	03/05/19 18:22	S1K	TAL KNX
Instrument ID: MG										

Client Sample ID: IADB-3

Date Collected: 02/28/19 16:58

Date Received: 03/02/19 09:40

Lab Sample ID: 140-14470-6

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	200 mL	500 mL	28075	03/05/19 19:05	S1K	TAL KNX
Instrument ID: MG										

TestAmerica Knoxville

Lab Chronicle

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Client Sample ID: IADB-4

Date Collected: 02/28/19 17:00

Date Received: 03/02/19 09:40

Lab Sample ID: 140-14470-7

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	200 mL	500 mL	28075	03/05/19 19:48	S1K	TAL KNX
Instrument ID: MG										

Client Sample ID: Method Blank

Date Collected: N/A

Date Received: N/A

Lab Sample ID: MB 140-28075/5

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	200 mL	500 mL	28075	03/05/19 13:33	S1K	TAL KNX
Instrument ID: MG										

Client Sample ID: Lab Control Sample

Date Collected: N/A

Date Received: N/A

Lab Sample ID: LCS 140-28075/1002

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	500 mL	500 mL	28075	03/05/19 11:23	S1K	TAL KNX
Instrument ID: MG										

Laboratory References:

TAL KNX = TestAmerica Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Accreditation/Certification Summary

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Laboratory: TestAmerica Knoxville

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

Authority	Program	EPA Region	Identification Number	Expiration Date
	AFCEE		N/A	
ANAB	DoD / DOE		L2311	02-13-22
Arkansas DEQ	State Program	6	88-0688	06-16-19
California	State Program	9	2423	06-30-19
Colorado	State Program	8	TN00009	02-28-19 *
Connecticut	State Program	1	PH-0223	09-30-19
Florida	NELAP	4	E87177	06-30-19
Georgia	State Program	4	906	04-13-20
Hawaii	State Program	9	N/A	04-13-19
Kansas	NELAP	7	E-10349	10-31-19
Kentucky (DW)	State Program	4	90101	12-31-19
Louisiana	NELAP	6	83979	06-30-19
Louisiana (DW)	NELAP	6	LA160005	12-31-19
Maryland	State Program	3	277	03-31-20
Michigan	State Program	5	9933	04-13-20
Nevada	State Program	9	TN00009	07-31-19
New Hampshire	NELAP	1	2999	01-17-20
New Jersey	NELAP	2	TN001	06-30-19
New York	NELAP	2	10781	03-31-19
North Carolina (DW)	State Program	4	21705	07-31-19
North Carolina (WW/SW)	State Program	4	64	12-31-19
Ohio VAP	State Program	5	CL0059	08-28-20
Oklahoma	State Program	6	9415	08-31-19
Oregon	NELAP	10	TNI0189	06-30-19
Pennsylvania	NELAP	3	68-00576	12-31-19
Tennessee	State Program	4	2014	04-13-20
Texas	NELAP	6	T104704380-16-9	08-31-19
US Fish & Wildlife	Federal		LE-058448-0	07-31-19
USDA	Federal		P330-16-00262	08-20-19
Utah	NELAP	8	TN00009	07-31-19
Virginia	NELAP	3	460176	09-14-19
Washington	State Program	10	C593	01-19-20
West Virginia (DW)	State Program	3	9955C	12-31-19
West Virginia DEP	State Program	3	345	04-30-19
Wisconsin	State Program	5	998044300	08-31-19

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-19 *

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

TestAmerica Knoxville

Method Summary

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	TAL KNX

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL KNX = TestAmerica Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Sample Summary

Client: D&B Engineers and Architects, P.C.
Project/Site: NYSDEC -Fresh and Clean Laundry

TestAmerica Job ID: 140-14470-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
140-14470-1	SSDB-1	Air	02/28/19 13:40	03/02/19 09:40
140-14470-2	SSDB-2	Air	02/28/19 12:37	03/02/19 09:40
140-14470-3	OADB-1	Air	02/28/19 16:35	03/02/19 09:40
140-14470-4	IADB-1	Air	02/28/19 14:35	03/02/19 09:40
140-14470-5	IADB-2	Air	02/28/19 16:42	03/02/19 09:40
140-14470-6	IADB-3	Air	02/28/19 16:58	03/02/19 09:40
140-14470-7	IADB-4	Air	02/28/19 17:00	03/02/19 09:40

TAL Knoxville

5815 Middlebrook Pike

Knoxville, TN 37921

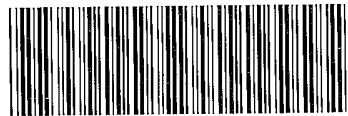
phone 865-291-3000 fax 865-584-4315

Canister Samples Chain of Custody Record

TestAmerica assumes no liability with respect to the collection and shipment of these samples.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Contact Information Company: <u>D+B Engineers + Architects PC</u> Address: <u>330 Conway Park Drive</u> City/State/Zip: <u>Woodbury NY 11797</u> Phone: <u>516-364-5850</u> FAX:		Project Manager: <u>Anthony Caniano</u> Phone: <u>516-364-5890</u> Site Contact: <u>Keith H. Robbins</u> TAL Contact: <u>Melissa Devo</u> <u>at Melissa Devo @ TestAmerica Co</u>		Sampled By: <u>Keith Robbins</u>		<u>1</u> of <u>2</u> COCs														
Project Name: <u>NYSDEC Fresh Clean Landfilling</u> Site/Location: <u>Glen Head, New York</u> PO # <u>3150 37B</u>		Analysis Turnaround Time Standard (Specify) <u>Standard</u> Rush (Specify)		 140-14470 Chain of Custody																
Sample Identification		Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1	Other (Ple	Sample	Indoor Air	Ambient A	Soil Gas	Landfill Gas	Other (Please specify in notes section)
SSDB-1		02/20/19	1247 pm	140 pm	-30	-2	11282	10093	✓											
SSDB-2		02/20/19	1144 am	1237 pm	-30	-1	11282	10799	✓											
OADB-1		02/20/19	0847	435 pm	-30	-2	09714	09606	✓											
IADB-1		02/20/19	0841	235 pm	-30	-2	11912	09512	✓											
IADB-2		02/20/19	0842	442 pm	-30	-5	10446	11964	✓											
IADB-3		02/23/19	0858	458 pm	-28	-1	10153	11972	✓											
Sampled by :		Temperature (Fahrenheit) Interior Ambient Start Stop							NO CUSTODY SEALS RECEIVED AMBIENT BKS 3-2-19 200X6 PPM 77460215685m PDS 7 CANS / 7 FLOWS											
Special Instructions/QC Requirements & Comments: Note: Regulator # 11930 was initially used on SSDB-1, however was deemed inoperable, and therefore switched out and regulator number (11282) was utilized to continue the test. Regulator 11930 used from 1145 am - 1241 pm pressure went from -30 to -24 during this time. (Please provide Category B deliveries and EQUIP, also)		Canisters Shipped by:		Date/Time:		Canisters Received by:		sent data to Lab data @ db-com.												
Samples Relinquished by: <u>Keith Robbins</u>		Date/Time: <u>2-29-19 1000</u>		Received by:																
Relinquished by:		Date/Time: <u>3/1/19 1930</u>		Received by: <u>Matthew JAKO 3-2-19 09:40</u>																

Lab Use Only

Shipper Name:

Opened by:

Condition:



TAL Knoxville

5815 Middlebrook Pike
Knoxville, TN 37921
phone 865-291-3000 fax 865-584-4315

Canister Samples Chain of Custody Record

TestAmerica assumes no liability with respect to the collection and shipment of these samples.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Contact Information		Project Manager: Anthony Canino		Sampled By: Keith Robins		2 of 5 COCs	
Company: D+B Engineers & Architects PC		Phone: 516 364 0850					
Address: 330 Crossways Park Drive		Site Contact: Keith Robins					
City/State/Zip: Woodbury New York		TAL Contact: Melissa Devo					
Phone: 516 364-9890		at Melissa.Devo@TestAmerica.CO					
FAX:							
Project Name: NYSD& Freshland Cleaners Laundry		Analysis Turnaround Time					
Site/location: Glen Head, New York		Standard (Specify): Standard					
PO #: 3450-37B		Rush (Specify):					

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 28C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
IADB-4	2-29-19	0901	508 PM	-30	-6	10289	10718	✓											

Sampled by :	Temperature (Fahrenheit)	
	Interior	Ambient
	Start	
	Stop	
	Pressure (inches of Hg)	
	Interior	Ambient
	Start	
	Stop	

Special Instructions/QC Requirements & Comments: Provide category "B" deliverables, and EQHS, also send data to Lab data @db-eng.com

Canisters Shipped by:	Date/Time:	Canisters Received by:
Samples Relinquished by: Keith Robins	Date/Time: 2-29-19 1000	Received by:
Relinquished by:	Date/Time: 3/1/19 10:30	Received by: [Signature] 3-2-19 09:40

Lab Use Only	Shipper Name:	Opened by:	Condition:
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TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Log In Number:

Review Items	Yes	No	NA	If No, what was the problem?	Comments/Actions Taken
1. Are the shipping containers intact?	/			☐ Containers, Broken	7. TADR-4, COC LIST COLLECTION DATE AS 2-29-19, SHOULD BE 2-28-19 PER LABEL
2. Were ambient air containers received intact?				☒ Checked in lab	
3. The coolers/containers custody seal if present, is it intact?			/	☐ Yes ☐ NA	
4. Is the cooler temperature within limits? (> freezing temp. of water to 6°C, VOST: 10°C) Thermometer ID : _____ Correction factor: _____			/	☐ Cooler Out of Temp, Client Contacted, Proceed/Cancel ☐ Cooler Out of Temp, Same Day Receipt	
5. Were all of the sample containers received intact?	/			☐ Containers, Broken	
6. Were samples received in appropriate containers?	/			☐ Containers, Improper; Client Contacted; Proceed/Cancel	
7. Do sample container labels match COC? (IDs, Dates, Times)	/	/		☐ COC & Samples Do Not Match ☒ COC Incorrect/Incomplete ☐ COC Not Received	
8. Were all of the samples listed on the COC received?	/			☐ Sample Received, Not on COC ☐ Sample on COC, Not Received	
9. Is the date/time of sample collection noted?	/			☐ COC; No Date/Time; Client Contacted	
10. Was the sampler identified on the COC?	/			☐ Sampler Not Listed on COC	
11. Is the client and project name/# identified?	/			☐ COC Incorrect/Incomplete	
12. Are tests/parameters listed for each sample?	/			☐ COC No tests on COC	
13. Is the matrix of the samples noted?	/			☐ COC Incorrect/Incomplete	
14. Was COC relinquished? (Signed/Dated/Timed)	/			☐ COC Incorrect/Incomplete	Box 16A: pH Preservation Box 18A: Residual Chlorine Preservative: _____ Lot Number: _____ Exp Date: _____ Analyst: _____ Date: _____ Time: _____
15. Were samples received within holding time?	/			☐ Holding Time - Receipt	
16. Were samples received with correct chemical preservative (excluding Encore)?			/	☐ pH Adjusted, pH Included (See box 16A) ☐ Incorrect Preservative	
17. Were VOA samples received without headspace?			/	☐ Headspace (VOA only)	
18. Did you check for residual chlorine, if necessary? (e.g. 1613B, 1668) Chlorine test strip lot number: _____			/	☐ Residual Chlorine	
19. For 1613B water samples is pH<9?			/	☐ If no, notify lab to adjust	
20. For rad samples was sample activity info. Provided?			/	☐ Project missing info	
Project #: 4807671 PM Instructions: _____					

Sample Receiving Associate: B. [Signature] Date: 3-4-19

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