

**DATA USABILITY SUMMARY REPORT
APPLE VALLEY RD., LA GRANGE, NEW YORK**

Client: HDR, Inc., Albany, New York
SDG: 03733
Laboratory: Spectrum Analytical, Inc., Agawam, Massachusetts
Site: Apple Valley Rd, La Grange, New York
Date: April 15, 2015

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1*	AVSP-R2-SS-20150223	P0233-01	Air
1DL*	AVSP-R2-SS-20150223DL	P0233-01DL	Air
2*	AVSP-R2-AI-20150223	P0233-02	Air
2DL*	AVSP-R2-AI-20150223DL	P0233-02DL	Air
3*	AVSP-R3-SS-20150223	P0233-03	Air
3DL*	AVSP-R3-SS-20150223DL	P0233-03DL	Air
4*	AVSP-R3-AI-20150223	P0233-04	Air
4DL*	AVSP-R3-AI-20150223DL	P0233-04DL	Air
5*	AVSP-R4-SS-20150223	P0233-05	Air
6*	AVSP-R4-AI-20150223	P0233-06	Air
6DL*	AVSP-R4-AI-20150223DL	P0233-06DL	Air
7*	AVSP-AO-20150223	P0233-07	Air
8*	AVSP-R5-SS-20150224	P0233-08	Air
9*	AVSP-R5-AI-20150224	P0233-09	Air
9DL*	AVSP-R5-AI-20150224DL	P0233-09DL	Air
10	AVSP-R1-SS-20150217	P0233-10	Air
11	AVSP-R1-AA-20150217	P0233-11	Air
12	AVSP-R1-AI-20150217	P0233-12	Air

* - Low Level

A Data Usability Summary Review was performed on the analytical data for twelve air samples collected on February 17-24, 2015 by HDR, Inc. at the Apple Valley Rd. site in La Grange, New York. The samples were analyzed under "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition January 1999, EPA/625/R-96/010B", Compendium Method TO-15, "Determination Of Volatile Organic Compounds (VOCs) In Air Collected In Specially-Prepared Canisters And Analyzed By Gas Chromatography/Mass Spectrometry (GC/MS)".

The data have been evaluated according to the protocols and quality control (QC) requirements of the USEPA Region II Data Review Standard Operating Procedure (SOP) Number HW-31, Revision 4, October 2006: Validating Volatile Organics of Ambient Air on Canisters by Method TO-15, and the reviewer's professional judgment.

Organics

The following items/criteria were reviewed for this report:

- Data Completeness
- Cover letter, Narrative, and Data Reporting Forms
- Canister Certification Blanks
- Canister Certification Pressures Differences
- Chains-of-Custody and Traffic Reports
- Holding Times and sample preservation
- Laboratory Control Sample (LCS) recoveries
- Surrogate Compound Recoveries
- GC/MS Tuning
- Method Blank Contamination
- Initial and Continuing Calibration Summaries
- Compound Quantitation
- Internal Standard (IS) Area Performance
- Field Duplicate Sample Precision

The items listed above were technically and contractually in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

Overall Evaluation of Data and Potential Usability Issues

There were no rejections of data.

Overall the data is acceptable for the intended purposes as qualified for the following deficiencies.

- Isopropyl alcohol, benzene and/or naphthalene were qualified as nondetected in several samples due to method blank contamination.
- Ethanol or propene were qualified as estimated in four samples due to high continuing calibration %D values.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Cover letter, Narrative, and Data Reporting Forms

- All criteria were met

Canister Certification Blanks

- The batch blank checks were non-detect or < RL.

Canister Certification Pressures Differences

- All criteria were met.

Chains-of-Custody and Traffic Reports

- All criteria were met

Holding Times

- All samples were analyzed within 30 days for air samples.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
1504218-BS1	1,2,4-Trichlorobenzene	138%	None	All Associated ND

Surrogate Compound Recoveries

- All samples exhibited acceptable surrogate recoveries.

GC/MS Tuning

- All criteria were met.

Method Blank

- The following table lists method blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. For detected compound concentrations <RL, the results are negated and qualified (U). For detected sample concentrations >RL of methylene chloride, 2-butanone or acetone

(common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds >RL, an action level of five times (5x) the highest associated blank concentration is used.

Blank ID	Compound	Conc. ppbv	Action Level ppbv	Qualifier	Affected Samples
1504093-BLK2	Ethanol	0.240	1.20	None	All >5X
	Isopropyl alcohol	0.250	1.25	U	7
	Benzene	0.0600	0.30	U	5, 8
	Naphthalene	0.130	0.65	U	1, 2, 3, 4, 5, 6, 8

Field Blank

- Field QC samples were not collected.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 30 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
03/04/15 (1930)	Ethanol	134%	J/UJ	5, 7, 8
03/06/15 (0800)	Propene	47.5%	J/UJ	1

Compound Quantitation

- Several samples have elevated detection limits due to the dilution required by the high concentrations of target compounds in the samples.
- Several samples exhibited high concentrations of target compounds over the linear range of the instrument and were flagged (E) by the laboratory. The samples were diluted and reanalyzed and the dilution results for these compounds should be used for reporting purposes.
- EDS Sample ID #6 exhibited a high concentration of propene over the linear range of the instrument and was flagged (E) by the laboratory. The sample was diluted and reanalyzed, however, propene was not reported in the reanalysis. The original result has been qualified as estimated (J).

Internal Standard (IS) Area Performance

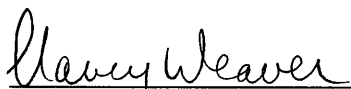
- Internal standards were not provided.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed:



Nancy Weaver
Senior Chemist

Dated:

4/16/15

Data Qualifiers

- J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
- UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.
- U = The analyte was analyzed for, but was not detected above the sample reporting limit.
- R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

FORM I - AIR ANALYSIS DATA SHEET

EPA TO-15L

AVSP-R2-SS-20150223

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Soil Gas Laboratory ID: SC03733-01 File ID: 0373301.D
 Sampled: 02/24/15 08:28 Analyzed: 03/06/15 17:19
 Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504197 Sequence: S501984 Calibration: 1502030 Instrument: Air3
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
115-07-1	Propene	0.100	0.1721	☒
75-71-8	Dichlorodifluoromethane (Freon12)	1.31	6.4777	
74-87-3	Chloromethane	0.100	0.2065	U
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	0.100	0.6990	U
75-01-4	Vinyl chloride	0.100	0.2556	U
106-99-0	1,3-Butadiene	0.100	0.2209	U
74-83-9	Bromomethane	0.100	0.3881	U
75-00-3	Chloroethane	0.100	0.2638	U
67-64-1	Acetone	31.9	57.2683	75.8033 E
75-69-4	Trichlorofluoromethane (Freon 11)	70.4	63.8	358.5325 395 6221 E
64-17-5	Ethanol	12.4	23.3800	
107-13-1	Acrylonitrile	0.100	0.2168	U
75-35-4	1,1-Dichloroethene	0.100	0.3967	U
75-09-2	Methylene chloride	2.31	8.0212	
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	0.0900	0.6898	J
75-15-0	Carbon disulfide	4.99	15.5312	
156-60-5	trans-1,2-Dichloroethene	0.100	0.3965	U
75-34-3	1,1-Dichloroethane	0.100	0.4049	U
1634-04-4	Methyl tert-butyl ether	0.100	0.3607	U
67-63-0	Isopropyl alcohol	6.19	15.1902	
78-93-3	2-Butanone (MEK)	4.94	14.5674	
156-59-2	cis-1,2-Dichloroethene	0.100	0.3965	U
110-54-3	Hexane	0.530	1.8685	
141-78-6	Ethyl acetate	0.100	0.3603	U
67-66-3	Chloroform	0.100	0.4867	U
109-99-9	Tetrahydrofuran	0.610	1.7988	
107-06-2	1,2-Dichloroethane	0.100	0.4049	U
71-55-6	1,1,1-Trichloroethane	0.100	0.5456	U
71-43-2	Benzene	0.510	1.6270	
56-23-5	Carbon tetrachloride	0.0600	0.3774	J
110-82-7	Cyclohexane	0.100	0.3442	U
78-87-5	1,2-Dichloropropane	0.100	0.4622	U
75-27-4	Bromodichloromethane	0.100	0.6699	U
79-01-6	Trichloroethene	0.100	0.5374	U
123-91-1	1,4-Dioxane	0.500	1.7996	U
142-82-5	n-Heptane	0.260	1.0655	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.800	3.2785	
10061-01-5	cis-1,3-Dichloropropene	0.100	0.4540	U

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AVSP-R2-SS-20150223

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Soil Gas Laboratory ID: SC03733-01 File ID: 0373301.D
 Sampled: 02/24/15 08:28 Analyzed: 03/06/15 17:19
 Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504197 Sequence: S501984 Calibration: 1502030 Instrument: Air3
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
10061-02-6	trans-1,3-Dichloropropene	0.100	0.4540	U
79-00-5	1,1,2-Trichloroethane	0.100	0.5456	U
108-88-3	Toluene	3.02	11.3636	
591-78-6	2-Hexanone (MBK)	0.600	2.4589	
124-48-1	Dibromochloromethane	0.100	0.8519	U
106-93-4	1,2-Dibromoethane (EDB)	0.100	0.7685	U
127-18-4	Tetrachloroethene	0.260	1.7631	
108-90-7	Chlorobenzene	0.100	0.4605	U
630-20-6	1,1,1,2-Tetrachloroethane	0.100	0.6871	U
100-41-4	Ethylbenzene	0.310	1.3440	
179601-23-1	m,p-Xylene	1.33	5.7661	
75-25-2	Bromoform	0.100	1.0335	U
100-42-5	Styrene	0.190	0.8082	
95-47-6	o-Xylene	0.480	2.0810	
79-34-5	1,1,2,2-Tetrachloroethane	0.100	0.6867	U
98-82-8	Isopropylbenzene	0.0500	0.2458	J
108-67-8	1,3,5-Trimethylbenzene	0.240	1.1799	
622-96-8	4-Ethyltoluene	0.260	1.2782	
95-63-6	1,2,4-Trimethylbenzene	0.610	2.9989	
91-20-3	Naphthalene	0.160	0.8376	✓
541-73-1	1,3-Dichlorobenzene	0.0900	0.5411	J
100-44-7	Benzyl chloride	0.100	0.5153	U
106-46-7	1,4-Dichlorobenzene	0.160	0.9620	
135-98-8	sec-Butylbenzene	0.100	0.5489	U
99-87-6	4-Isopropyltoluene	0.420	2.2537	
95-50-1	1,2-Dichlorobenzene	0.100	0.6012	U
104-51-8	n-Butylbenzene	0.200	1.0978	
120-82-1	1,2,4-Trichlorobenzene	0.100	0.7423	U
87-68-3	Hexachlorobutadiene	0.100	1.0663	U

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AVSP-R2-SS-20150223

IDL

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
Project Number: P0233 Received: 02/25/15 14:00
Matrix: Soil Gas Laboratory ID: SC03733-01RE1 File ID: 0373301RE1.D
Sampled: 02/24/15 08:28 Analyzed: 03/06/15 18:07
Dilution Factor: 10 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
Batch: 1504197 Sequence: S501984 Calibration: 1502030 Instrument: Air3
Reported to: MRL

Use
original
results

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
67-64-1	Acetone	31.9	75.8033	Q
75-69-4	Trichlorofluoromethane (Freon 11)	70.4	395.6221	Q

mw 4/14/15

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EPA TO-15L

AVSP-R2-AI-20150223

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Indoor/Ambient Air Laboratory ID: SC03733-02 File ID: 0373302.D
 Sampled: 02/24/15 08:28 Analyzed: 03/04/15 17:16
 Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504093 Sequence: S501911 Calibration: 1502030 Instrument: Air3
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
115-07-1	Propene	0.100	0.1721	U
75-71-8	Dichlorodifluoromethane (Freon12)	5.76	54.3926	28.4820
74-87-3	Chloromethane	0.100	0.2065	U
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	0.100	0.6990	U
75-01-4	Vinyl chloride	0.100	0.2556	U
106-99-0	1,3-Butadiene	0.100	0.2209	U
74-83-9	Bromomethane	0.0700	0.2717	J
75-00-3	Chloroethane	0.100	0.2638	U
67-64-1	Acetone	6.66	15.8260	
75-69-4	Trichlorofluoromethane (Freon 11)	1.04	5.8444	
64-17-5	Ethanol	17.0	32.0532	
107-13-1	Acrylonitrile	0.100	0.2168	U
75-35-4	1,1-Dichloroethene	0.100	0.3967	U
75-09-2	Methylene chloride	6.59	22.8831	
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	0.140	1.0730	
75-15-0	Carbon disulfide	0.500	1.5562	U
156-60-5	trans-1,2-Dichloroethene	0.100	0.3965	U
75-34-3	1,1-Dichloroethane	0.100	0.4049	U
1634-04-4	Methyl tert-butyl ether	0.100	0.3607	U
67-63-0	Isopropyl alcohol	1.38	3.3865	
78-93-3	2-Butanone (MEK)	0.790	2.3296	
156-59-2	cis-1,2-Dichloroethene	0.100	0.3965	U
110-54-3	Hexane	1.10	3.8781	
141-78-6	Ethyl acetate	0.820	2.9547	
67-66-3	Chloroform	0.150	0.7301	
109-99-9	Tetrahydrofuran	0.150	0.4423	
107-06-2	1,2-Dichloroethane	0.100	0.4049	U
71-55-6	1,1,1-Trichloroethane	0.300	1.6368	
71-43-2	Benzene	0.630	2.0098	
56-23-5	Carbon tetrachloride	0.140	0.8807	
110-82-7	Cyclohexane	0.210	0.7228	
78-87-5	1,2-Dichloropropane	0.100	0.4622	U
75-27-4	Bromodichloromethane	0.100	0.6699	U
79-01-6	Trichloroethene	0.100	0.5374	U
123-91-1	1,4-Dioxane	0.500	1.7996	U
142-82-5	n-Heptane	0.370	1.5163	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.110	0.4508	
10061-01-5	cis-1,3-Dichloropropene	0.100	0.4540	U

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AVSP-R2-AI-20150223

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Indoor/Ambient Air Laboratory ID: SC03733-02 File ID: 0373302.D
 Sampled: 02/24/15 08:28 Analyzed: 03/04/15 17:16
 Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504093 Sequence: S501911 Calibration: 1502030 Instrument: Air3
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
10061-02-6	trans-1,3-Dichloropropene	0.100	0.4540	U
79-00-5	1,1,2-Trichloroethane	0.100	0.5456	U
108-88-3	Toluene	3.59	13.5084	
591-78-6	2-Hexanone (MBK)	0.100	0.4098	U
124-48-1	Dibromochloromethane	0.100	0.8519	U
106-93-4	1,2-Dibromoethane (EDB)	0.100	0.7685	U
127-18-4	Tetrachloroethene	0.180	1.2206	
108-90-7	Chlorobenzene	0.100	0.4605	U
630-20-6	1,1,1,2-Tetrachloroethane	0.100	0.6871	U
100-41-4	Ethylbenzene	0.0900	0.3902	J
179601-23-1	m,p-Xylene	0.200	0.8671	U
75-25-2	Bromoform	0.100	1.0335	U
100-42-5	Styrene	0.130	0.5530	
95-47-6	o-Xylene	0.100	0.4335	U
79-34-5	1,1,2,2-Tetrachloroethane	0.100	0.6867	U
98-82-8	Isopropylbenzene	0.100	0.4916	U
108-67-8	1,3,5-Trimethylbenzene	0.100	0.4916	
622-96-8	4-Ethyltoluene	0.120	0.5899	
95-63-6	1,2,4-Trimethylbenzene	0.150	0.7374	
91-20-3	Naphthalene	0.210	1.0994	u
541-73-1	1,3-Dichlorobenzene	0.130	0.7816	
100-44-7	Benzyl chloride	0.100	0.5153	U
106-46-7	1,4-Dichlorobenzene	0.140	0.8417	
135-98-8	sec-Butylbenzene	0.100	0.5489	
99-87-6	4-Isopropyltoluene	0.110	0.5903	
95-50-1	1,2-Dichlorobenzene	0.120	0.7215	
104-51-8	n-Butylbenzene	0.130	0.7135	
120-82-1	1,2,4-Trichlorobenzene	0.200	1.4847	
87-68-3	Hexachlorobutadiene	0.100	1.0663	U

20L

FORM I - AIR ANALYSIS DATA SHEET
EPA TO-15L

AVSP-R2-AI-20150223

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
Project Number: P0233 Received: 02/25/15 14:00
Matrix: Indoor/Ambient Air Laboratory ID: SC03733-02RE1 File ID: 0373302RE1.D
Sampled: 02/24/15 08:28 Analyzed: 03/05/15 17:47
Dilution Factor: 2 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
Batch: 1504137 Sequence: S501941 Calibration: 1502030 Instrument: Air3
Reported to: MRL

Use original results

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
75-71-8	Dichlorodifluoromethane (Freon12)	5.76	28.4820	☒

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AVSP-R3-SS-20150223

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Soil Gas Laboratory ID: SC03733-03 File ID: 0373303.D
 Sampled: 02/24/15 12:40 Analyzed: 03/04/15 17:50
 Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504093 Sequence: S501911 Calibration: 1502030 Instrument: Air3
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
115-07-1	Propene	0.100	0.1721	U
75-71-8	Dichlorodifluoromethane (Freon12)	0.470	2.3240	
74-87-3	Chloromethane	0.100	0.2065	U
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	0.100	0.6990	U
75-01-4	Vinyl chloride	0.100	0.2556	U
106-99-0	1,3-Butadiene	0.830	1.8331	
74-83-9	Bromomethane	0.0900	0.3493	J
75-00-3	Chloroethane	0.100	0.2638	U
67-64-1	Acetone	7.58	18.0122	
75-69-4	Trichlorofluoromethane (Freon 11)	0.260	1.4611	
64-17-5	Ethanol	33.5	85.4	161.020063.1636 E
107-13-1	Acrylonitrile	0.100	0.2168	U
75-35-4	1,1-Dichloroethene	0.100	0.3967	U
75-09-2	Methylene chloride	0.110	0.3820	
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	0.100	0.7665	U
75-15-0	Carbon disulfide	0.560	1.7430	
156-60-5	trans-1,2-Dichloroethene	0.100	0.3965	U
75-34-3	1,1-Dichloroethane	0.100	0.4049	U
1634-04-4	Methyl tert-butyl ether	0.100	0.3607	U
67-63-0	Isopropyl alcohol	6.38	15.6564	
78-93-3	2-Butanone (MEK)	0.680	2.0052	
156-59-2	cis-1,2-Dichloroethene	0.100	0.3965	U
110-54-3	Hexane	6.32	22.2816	
141-78-6	Ethyl acetate	5.40	19.4577	
67-66-3	Chloroform	0.190	0.9247	
109-99-9	Tetrahydrofuran	0.110	0.3244	
107-06-2	1,2-Dichloroethane	0.100	0.4049	U
71-55-6	1,1,1-Trichloroethane	0.100	0.5456	U
71-43-2	Benzene	0.350	1.1166	
56-23-5	Carbon tetrachloride	0.100	0.6290	
110-82-7	Cyclohexane	0.210	0.7228	
78-87-5	1,2-Dichloropropane	0.100	0.4622	U
75-27-4	Bromodichloromethane	0.100	0.6699	U
79-01-6	Trichloroethene	0.100	0.5374	U
123-91-1	1,4-Dioxane	0.500	1.7996	U
142-82-5	n-Heptane	0.120	0.4918	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.100	0.4098	U
10061-01-5	cis-1,3-Dichloropropene	0.100	0.4540	U

FORM I - AIR ANALYSIS DATA SHEET **EPA TO-15L**

AVSP-R3-SS-20150223

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Soil Gas Laboratory ID: SC03733-03 File ID: 0373303.D
 Sampled: 02/24/15 12:40 Analyzed: 03/04/15 17:50
 Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504093 Sequence: S501911 Calibration: 1502030 Instrument: Air3
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
10061-02-6	trans-1,3-Dichloropropene	0.100	0.4540	U
79-00-5	1,1,2-Trichloroethane	0.100	0.5456	U
108-88-3	Toluene	0.600	2.2577	
591-78-6	2-Hexanone (MBK)	0.100	0.4098	U
124-48-1	Dibromochloromethane	0.100	0.8519	U
106-93-4	1,2-Dibromoethane (EDB)	0.100	0.7685	U
127-18-4	Tetrachloroethene	4.67	31.6681	
108-90-7	Chlorobenzene	0.100	0.4605	U
630-20-6	1,1,1,2-Tetrachloroethane	0.100	0.6871	U
100-41-4	Ethylbenzene	0.100	0.4335	U
179601-23-1	m,p-Xylene	0.210	0.9104	
75-25-2	Bromoform	0.100	1.0335	U
100-42-5	Styrene	0.130	0.5530	
95-47-6	o-Xylene	0.100	0.4335	
79-34-5	1,1,2,2-Tetrachloroethane	0.100	0.6867	U
98-82-8	Isopropylbenzene	0.100	0.4916	U
108-67-8	1,3,5-Trimethylbenzene	0.100	0.4916	
622-96-8	4-Ethyltoluene	0.110	0.5408	
95-63-6	1,2,4-Trimethylbenzene	0.170	0.8357	
91-20-3	Naphthalene	0.180	0.9423	✓
541-73-1	1,3-Dichlorobenzene	0.100	0.6012	U
100-44-7	Benzyl chloride	0.100	0.5153	U
106-46-7	1,4-Dichlorobenzene	0.100	0.6012	
135-98-8	sec-Butylbenzene	0.100	0.5489	U
99-87-6	4-Isopropyltoluene	0.120	0.6439	
95-50-1	1,2-Dichlorobenzene	0.0900	0.5411	J
104-51-8	n-Butylbenzene	0.100	0.5489	U
120-82-1	1,2,4-Trichlorobenzene	0.100	0.7423	U
87-68-3	Hexachlorobutadiene	0.100	1.0663	U

3DL

FORM I - AIR ANALYSIS DATA SHEET
EPA TO-15L

AVSP-R3-SS-20150223

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
Project Number: P0233 Received: 02/25/15 14:00
Matrix: Soil Gas Laboratory ID: SC03733-03RE1 File ID: 0373303RE1.D
Sampled: 02/24/15 12:40 Analyzed: 03/05/15 18:31
Dilution Factor: 10 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
Batch: 1504137 Sequence: S501941 Calibration: 1502030 Instrument: Air3
Reported to: MRL

*Use
original
results*

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
64-17-5	Ethanol	33.5	63.1636	<i>D</i>

FORM I - AIR ANALYSIS DATA SHEET
EPA TO-15L

AVSP-R3-AI-20150223

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Indoor/Ambient Air Laboratory ID: SC03733-04 File ID: 0373304.D
 Sampled: 02/24/15 12:40 Analyzed: 03/04/15 18:56
 Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504093 Sequence: S501911 Calibration: 1502030 Instrument: Air3
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
115-07-1	Propene	0.100	0.1721	U
75-71-8	Dichlorodifluoromethane (Freon12)	0.610	3.0163	
74-87-3	Chloromethane	0.100	0.2065	U
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	0.100	0.6990	U
75-01-4	Vinyl chloride	0.100	0.2556	U
106-99-0	1,3-Butadiene	0.100	0.2209	U
74-83-9	Bromomethane	0.100	0.3881	U
75-00-3	Chloroethane	0.100	0.2638	U
67-64-1	Acetone	3.48	8.2694	
75-69-4	Trichlorofluoromethane (Freon 11)	0.290	1.6297	
64-17-5	Ethanol	139 104	196.0900 262.0818	E
107-13-1	Acrylonitrile	0.100	0.2168	U
75-35-4	1,1-Dichloroethene	0.100	0.3967	U
75-09-2	Methylene chloride	0.110	0.3820	
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	0.110	0.8431	
75-15-0	Carbon disulfide	0.500	1.5562	U
156-60-5	trans-1,2-Dichloroethene	0.100	0.3965	U
75-34-3	1,1-Dichloroethane	0.100	0.4049	U
1634-04-4	Methyl tert-butyl ether	0.100	0.3607	U
67-63-0	Isopropyl alcohol	1.27	3.1166	
78-93-3	2-Butanone (MEK)	0.370	1.0911	
156-59-2	cis-1,2-Dichloroethene	0.100	0.3965	U
110-54-3	Hexane	1.23	4.3364	
141-78-6	Ethyl acetate	0.630	2.2701	
67-66-3	Chloroform	0.100	0.4867	U
109-99-9	Tetrahydrofuran	0.0900	0.2654	J
107-06-2	1,2-Dichloroethane	0.100	0.4049	U
71-55-6	1,1,1-Trichloroethane	0.100	0.5456	U
71-43-2	Benzene	0.750	2.3926	
56-23-5	Carbon tetrachloride	0.0900	0.5661	J
110-82-7	Cyclohexane	0.430	1.4801	
78-87-5	1,2-Dichloropropane	0.100	0.4622	U
75-27-4	Bromodichloromethane	0.100	0.6699	U
79-01-6	Trichloroethene	0.100	0.5374	U
123-91-1	1,4-Dioxane	0.500	1.7996	U
142-82-5	n-Heptane	0.600	2.4589	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.100	0.4098	U
10061-01-5	cis-1,3-Dichloropropene	0.100	0.4540	U

MW 4/14/15

FORM I - AIR ANALYSIS DATA SHEET
EPA TO-15L

AVSP-R3-AI-20150223

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Indoor/Ambient Air Laboratory ID: SC03733-04 File ID: 0373304.D
 Sampled: 02/24/15 12:40 Analyzed: 03/04/15 18:56
 Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504093 Sequence: S501911 Calibration: 1502030 Instrument: Air3
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
10061-02-6	trans-1,3-Dichloropropene	0.100	0.4540	U
79-00-5	1,1,2-Trichloroethane	0.100	0.5456	U
108-88-3	Toluene	2.64	9.9337	
591-78-6	2-Hexanone (MBK)	0.100	0.4098	U
124-48-1	Dibromochloromethane	0.100	0.8519	U
106-93-4	1,2-Dibromoethane (EDB)	0.100	0.7685	U
127-18-4	Tetrachloroethene	0.180	1.2206	
108-90-7	Chlorobenzene	0.100	0.4605	U
630-20-6	1,1,1,2-Tetrachloroethane	0.100	0.6871	U
100-41-4	Ethylbenzene	0.380	1.6474	
179601-23-1	m,p-Xylene	1.42	6.1562	
75-25-2	Bromoform	0.100	1.0335	U
100-42-5	Styrene	0.100	0.4254	
95-47-6	o-Xylene	0.530	2.2978	
79-34-5	1,1,2,2-Tetrachloroethane	0.100	0.6867	U
98-82-8	Isopropylbenzene	0.100	0.4916	U
108-67-8	1,3,5-Trimethylbenzene	0.200	0.9832	
622-96-8	4-Ethyltoluene	0.170	0.8357	
95-63-6	1,2,4-Trimethylbenzene	0.450	2.2123	
91-20-3	Naphthalene	0.140	0.7329	✓
541-73-1	1,3-Dichlorobenzene	0.100	0.6012	U
100-44-7	Benzyl chloride	0.100	0.5153	U
106-46-7	1,4-Dichlorobenzene	0.100	0.6012	U
135-98-8	sec-Butylbenzene	0.100	0.5489	U
99-87-6	4-Isopropyltoluene	0.170	0.9122	
95-50-1	1,2-Dichlorobenzene	0.100	0.6012	U
104-51-8	n-Butylbenzene	0.130	0.7135	
120-82-1	1,2,4-Trichlorobenzene	0.100	0.7423	U
87-68-3	Hexachlorobutadiene	0.100	1.0663	U

4DL

FORM I - AIR ANALYSIS DATA SHEET EPA TO-15L

AVSP-R3-AI-20150223

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Indoor/Ambient Air Laboratory ID: SC03733-04RE1 File ID: 0373304RE1.D
 Sampled: 02/24/15 12:40 Analyzed: 02/05/15 23:16
 Dilution Factor: 10 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504137 Sequence: S501941 Calibration: 1502030 Instrument: Air3
 Reported to: MRL

Use original results

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
64-17-5	Ethanol	139	262.0818	☒

NW 4/14/15

FORM I - AIR ANALYSIS DATA SHEET

EPA TO-15L

AVSP-R4-SS-20150223

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Soil Gas Laboratory ID: SC03733-05 File ID: 0373305.D
 Sampled: 02/24/15 15:00 Analyzed: 03/04/15 23:43
 Dilution Factor: 6.33 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504093 Sequence: S501911 Calibration: 1502030 Instrument: Air3
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
115-07-1	Propene	0.633	1.0894	U
75-71-8	Dichlorodifluoromethane (Freon12)	1.65	8.1589	
74-87-3	Chloromethane	0.633	1.3074	U
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	0.633	4.4245	U
75-01-4	Vinyl chloride	0.633	1.6181	U
106-99-0	1,3-Butadiene	0.633	1.3980	U
74-83-9	Bromomethane	0.633	2.4569	U
75-00-3	Chloroethane	0.633	1.6699	U
67-64-1	Acetone	53.8	127.8438	
75-69-4	Trichlorofluoromethane (Freon 11)	0.633	3.5572	
64-17-5	Ethanol	35.3	66.5575	
107-13-1	Acrylonitrile	0.633	1.3721	U
75-35-4	1,1-Dichloroethene	0.633	2.5113	U
75-09-2	Methylene chloride	0.633	2.1980	U
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	0.633	4.8517	U
75-15-0	Carbon disulfide	4.11	12.7923	
156-60-5	trans-1,2-Dichloroethene	0.633	2.5100	U
75-34-3	1,1-Dichloroethane	0.633	2.5631	U
1634-04-4	Methyl tert-butyl ether	0.633	2.2835	U
67-63-0	Isopropyl alcohol	12.7	31.1656	
78-93-3	2-Butanone (MEK)	16.4	48.3616	
156-59-2	cis-1,2-Dichloroethene	0.633	2.5100	U
110-54-3	Hexane	4.05	14.2785	
141-78-6	Ethyl acetate	2.53	9.1163	
67-66-3	Chloroform	0.633	3.0809	U
109-99-9	Tetrahydrofuran	5.25	15.4816	
107-06-2	1,2-Dichloroethane	0.633	2.5631	U
71-55-6	1,1,1-Trichloroethane	0.633	3.4537	U
71-43-2	Benzene	1.14	3.6368	
56-23-5	Carbon tetrachloride	0.633	3.9818	U
110-82-7	Cyclohexane	0.633	2.1789	U
78-87-5	1,2-Dichloropropane	0.633	2.9255	U
75-27-4	Bromodichloromethane	0.633	4.2407	U
79-01-6	Trichloroethene	0.633	3.4019	U
123-91-1	1,4-Dioxane	3.16	11.3734	U
142-82-5	n-Heptane	0.633	2.5941	U
108-10-1	4-Methyl-2-pentanone (MIBK)	0.633	2.5941	U
10061-01-5	cis-1,3-Dichloropropene	0.633	2.8737	U

FORM I - AIR ANALYSIS DATA SHEET
EPA TO-15L

AVSP-R4-SS-20150223

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Soil Gas Laboratory ID: SC03733-05 File ID: 0373305.D
 Sampled: 02/24/15 15:00 Analyzed: 03/04/15 23:43
 Dilution Factor: 6.33 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504093 Sequence: S501911 Calibration: 1502030 Instrument: Air3
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
10061-02-6	trans-1,3-Dichloropropene	0.633	2.8737	U
79-00-5	1,1,2-Trichloroethane	0.633	3.4537	U
108-88-3	Toluene	2.47	9.2941	
591-78-6	2-Hexanone (MBK)	0.633	2.5941	U
124-48-1	Dibromochloromethane	0.633	5.3928	U
106-93-4	1,2-Dibromoethane (EDB)	0.633	4.8647	U
127-18-4	Tetrachloroethene	0.633	4.2925	U
108-90-7	Chlorobenzene	0.633	2.9152	U
630-20-6	1,1,1,2-Tetrachloroethane	0.633	4.3494	U
100-41-4	Ethylbenzene	0.633	2.7443	U
179601-23-1	m,p-Xylene	1.27	5.5059	U
75-25-2	Bromoform	0.633	6.5423	U
100-42-5	Styrene	0.633	2.6925	U
95-47-6	o-Xylene	0.633	2.7443	U
79-34-5	1,1,2,2-Tetrachloroethane	0.633	4.3469	U
98-82-8	Isopropylbenzene	0.253	1.2438	J
108-67-8	1,3,5-Trimethylbenzene	0.570	2.8022	J
622-96-8	4-Ethyltoluene	0.570	2.8022	J
95-63-6	1,2,4-Trimethylbenzene	0.823	4.0460	
91-20-3	Naphthalene	0.886	4.6384	✓
541-73-1	1,3-Dichlorobenzene	0.633	3.8058	U
100-44-7	Benzyl chloride	0.633	3.2621	U
106-46-7	1,4-Dichlorobenzene	0.633	3.8058	U
135-98-8	sec-Butylbenzene	0.633	3.4744	
99-87-6	4-Isopropyltoluene	0.760	4.0782	
95-50-1	1,2-Dichlorobenzene	0.633	3.8058	U
104-51-8	n-Butylbenzene	0.760	4.1715	
120-82-1	1,2,4-Trichlorobenzene	0.633	4.6990	U
87-68-3	Hexachlorobutadiene	0.633	6.7494	U

FORM I - AIR ANALYSIS DATA SHEET
EPA TO-15L

AVSP-R4-AI-20150223

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
Project Number: P0233 Received: 02/25/15 14:00
Matrix: Indoor/Ambient Air Laboratory ID: SC03733-06 File ID: 0373306.D
Sampled: 02/24/15 14:45 Analyzed: 03/05/15 00:45
Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
Batch: 1504093 Sequence: S501911 Calibration: 1502030 Instrument: Air3
Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
115-07-1	Propene	76.9 5	132.3498 5	U
75-71-8	Dichlorodifluoromethane (Freon12)	0.850	4.2031	
74-87-3	Chloromethane	0.100	0.2065	U
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	0.100	0.6990	U
75-01-4	Vinyl chloride	0.100	0.2556	U
106-99-0	1,3-Butadiene	0.100	0.2209	U
74-83-9	Bromomethane	0.100	0.3881	U
75-00-3	Chloroethane	0.100	0.2638	U
67-64-1	Acetone	99.0 74.5	177.0327 211.4817	U
75-69-4	Trichlorofluoromethane (Freon 11)	0.300	1.6859	
64-17-5	Ethanol	45.1 38.6	72.7795 85.0352	U
107-13-1	Acrylonitrile	0.100	0.2168	U
75-35-4	1,1-Dichloroethene	0.100	0.3967	U
75-09-2	Methylene chloride	0.280	0.9723	
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	0.100	0.7665	U
75-15-0	Carbon disulfide	0.500	1.5562	U
156-60-5	trans-1,2-Dichloroethene	0.100	0.3965	U
75-34-3	1,1-Dichloroethane	0.100	0.4049	U
1634-04-4	Methyl tert-butyl ether	0.100	0.3607	U
67-63-0	Isopropyl alcohol	6.30	15.4601	
78-93-3	2-Butanone (MEK)	83.4 80.1	265.6937 245.9362	U
156-59-2	cis-1,2-Dichloroethene	0.100	0.3965	U
110-54-3	Hexane	3.63	12.7978	
141-78-6	Ethyl acetate	0.860	3.0988	
67-66-3	Chloroform	0.100	0.4867	U
109-99-9	Tetrahydrofuran	42.3 45.6	134.4687 124.7374	U
107-06-2	1,2-Dichloroethane	0.120	0.4859	
71-55-6	1,1,1-Trichloroethane	0.100	0.5456	U
71-43-2	Benzene	1.98	6.3166	
56-23-5	Carbon tetrachloride	0.120	0.7548	
110-82-7	Cyclohexane	0.830	2.8570	
78-87-5	1,2-Dichloropropane	0.100	0.4622	U
75-27-4	Bromodichloromethane	0.100	0.6699	U
79-01-6	Trichloroethene	0.100	0.5374	U
123-91-1	1,4-Dioxane	0.500	1.7996	U
142-82-5	n-Heptane	1.80	7.3767	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.100	0.4098	U
10061-01-5	cis-1,3-Dichloropropene	0.100	0.4540	U

FORM I - AIR ANALYSIS DATA SHEET
EPA TO-15L

AVSP-R4-AI-20150223

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Indoor/Ambient Air Laboratory ID: SC03733-06 File ID: 0373306.D
 Sampled: 02/24/15 14:45 Analyzed: 03/05/15 00:45
 Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504093 Sequence: S501911 Calibration: 1502030 Instrument: Air3
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
10061-02-6	trans-1,3-Dichloropropene	0.100	0.4540	U
79-00-5	1,1,2-Trichloroethane	0.100	0.5456	U
108-88-3	Toluene	7.23	27.2049	
591-78-6	2-Hexanone (MBK)	0.100	0.4098	U
124-48-1	Dibromochloromethane	0.100	0.8519	U
106-93-4	1,2-Dibromoethane (EDB)	0.100	0.7685	U
127-18-4	Tetrachloroethene	0.100	0.6781	U
108-90-7	Chlorobenzene	0.100	0.4605	U
630-20-6	1,1,1,2-Tetrachloroethane	0.100	0.6871	U
100-41-4	Ethylbenzene	1.14	4.9423	
179601-23-1	m,p-Xylene	2.98	12.9194	
75-25-2	Bromoform	0.100	1.0335	U
100-42-5	Styrene	0.100	0.4254	U
95-47-6	o-Xylene	0.890	3.8585	
79-34-5	1,1,2,2-Tetrachloroethane	0.100	0.6867	U
98-82-8	Isopropylbenzene	0.0400	0.1966	J
108-67-8	1,3,5-Trimethylbenzene	0.140	0.6883	
622-96-8	4-Ethyltoluene	0.170	0.8357	
95-63-6	1,2,4-Trimethylbenzene	0.190	0.9341	
91-20-3	Naphthalene	0.140	0.7329	
541-73-1	1,3-Dichlorobenzene	0.100	0.6012	U
100-44-7	Benzyl chloride	0.100	0.5153	U
106-46-7	1,4-Dichlorobenzene	0.100	0.6012	U
135-98-8	sec-Butylbenzene	0.0900	0.4940	J
99-87-6	4-Isopropyltoluene	0.130	0.6976	
95-50-1	1,2-Dichlorobenzene	0.100	0.6012	U
104-51-8	n-Butylbenzene	0.100	0.5489	U
120-82-1	1,2,4-Trichlorobenzene	0.100	0.7423	U
87-68-3	Hexachlorobutadiene	0.100	1.0663	U

6DL

FORM I - AIR ANALYSIS DATA SHEET
EPA TO-15L

AVSP-R4-AI-20150223

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
Project Number: P0233 Received: 02/25/15 14:00
Matrix: Indoor/Ambient Air Laboratory ID: SC03733-06RE1 File ID: 0373306RE1.D
Sampled: 02/24/15 14:45 Analyzed: 03/06/15 00:00
Dilution Factor: 10 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
Batch: 1504137 Sequence: S501941 Calibration: 1502030 Instrument: Air3
Reported to: MRL

*Use
original
results*

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
67-64-1	Acetone	89.0	211.4887	D
64-17-5	Ethanol	45.1	85.0352	D
78-93-3	2-Butanone (MEK)	83.4	245.9362	D
109-99-9	Tetrahydrofuran	42.3	124.7374	D

FORM I - AIR ANALYSIS DATA SHEET
EPA TO-15L

AVSP-AO-20150223

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Indoor/Ambient Air Laboratory ID: SC03733-07 File ID: 0373307.D
 Sampled: 02/24/15 15:19 Analyzed: 03/05/15 01:19
 Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504093 Sequence: S501911 Calibration: 1502030 Instrument: Air3
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
115-07-1	Propene	0.100	0.1721	U
75-71-8	Dichlorodifluoromethane (Freon12)	0.670	3.3130	
74-87-3	Chloromethane	0.100	0.2065	U
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	0.100	0.6990	U
75-01-4	Vinyl chloride	0.100	0.2556	U
106-99-0	1,3-Butadiene	0.100	0.2209	U
74-83-9	Bromomethane	0.100	0.3881	U
75-00-3	Chloroethane	0.100	0.2638	U
67-64-1	Acetone	4.13	9.8140	
75-69-4	Trichlorofluoromethane (Freon 11)	0.270	1.5173	
64-17-5	Ethanol	18.4	34.6928	
107-13-1	Acrylonitrile	0.100	0.2168	U
75-35-4	1,1-Dichloroethene	0.100	0.3967	U
75-09-2	Methylene chloride	0.100	0.3472	U
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	0.100	0.7665	U
75-15-0	Carbon disulfide	0.500	1.5562	U
156-60-5	trans-1,2-Dichloroethene	0.100	0.3965	U
75-34-3	1,1-Dichloroethane	0.100	0.4049	U
1634-04-4	Methyl tert-butyl ether	0.100	0.3607	U
67-63-0	Isopropyl alcohol	0.920	2.2577	
78-93-3	2-Butanone (MEK)	0.500	1.4744	
156-59-2	cis-1,2-Dichloroethene	0.100	0.3965	U
110-54-3	Hexane	1.05	3.7018	
141-78-6	Ethyl acetate	0.600	2.1620	
67-66-3	Chloroform	0.100	0.4867	U
109-99-9	Tetrahydrofuran	0.210	0.6193	
107-06-2	1,2-Dichloroethane	0.100	0.4049	U
71-55-6	1,1,1-Trichloroethane	0.100	0.5456	U
71-43-2	Benzene	0.810	2.5840	
56-23-5	Carbon tetrachloride	0.100	0.6290	
110-82-7	Cyclohexane	0.260	0.8950	
78-87-5	1,2-Dichloropropane	0.100	0.4622	U
75-27-4	Bromodichloromethane	0.100	0.6699	U
79-01-6	Trichloroethene	0.100	0.5374	U
123-91-1	1,4-Dioxane	0.500	1.7996	U
142-82-5	n-Heptane	0.380	1.5573	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.100	0.4098	U
10061-01-5	cis-1,3-Dichloropropene	0.100	0.4540	U

FORM I - AIR ANALYSIS DATA SHEET
EPA TO-15L

AVSP-AO-20150223

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Indoor/Ambient Air Laboratory ID: SC03733-07 File ID: 0373307.D
 Sampled: 02/24/15 15:19 Analyzed: 03/05/15 01:19
 Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504093 Sequence: S501911 Calibration: 1502030 Instrument: Air3
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
10061-02-6	trans-1,3-Dichloropropene	0.100	0.4540	U
79-00-5	1,1,2-Trichloroethane	0.100	0.5456	U
108-88-3	Toluene	2.80	10.5358	
591-78-6	2-Hexanone (MBK)	0.100	0.4098	U
124-48-1	Dibromochloromethane	0.100	0.8519	U
106-93-4	1,2-Dibromoethane (EDB)	0.100	0.7685	U
127-18-4	Tetrachloroethene	0.100	0.6781	U
108-90-7	Chlorobenzene	0.100	0.4605	U
630-20-6	1,1,1,2-Tetrachloroethane	0.100	0.6871	U
100-41-4	Ethylbenzene	0.340	1.4740	
179601-23-1	m,p-Xylene	1.15	4.9857	
75-25-2	Bromoform	0.100	1.0335	U
100-42-5	Styrene	0.100	0.4254	U
95-47-6	o-Xylene	0.400	1.7342	
79-34-5	1,1,2,2-Tetrachloroethane	0.100	0.6867	U
98-82-8	Isopropylbenzene	0.100	0.4916	U
108-67-8	1,3,5-Trimethylbenzene	0.120	0.5899	
622-96-8	4-Ethyltoluene	0.130	0.6391	
95-63-6	1,2,4-Trimethylbenzene	0.160	0.7866	
91-20-3	Naphthalene	0.500	2.6176	U
541-73-1	1,3-Dichlorobenzene	0.100	0.6012	U
100-44-7	Benzyl chloride	0.100	0.5153	U
106-46-7	1,4-Dichlorobenzene	0.100	0.6012	U
135-98-8	sec-Butylbenzene	0.100	0.5489	U
99-87-6	4-Isopropyltoluene	0.100	0.5366	U
95-50-1	1,2-Dichlorobenzene	0.100	0.6012	U
104-51-8	n-Butylbenzene	0.100	0.5489	U
120-82-1	1,2,4-Trichlorobenzene	0.100	0.7423	U
87-68-3	Hexachlorobutadiene	0.100	1.0663	U

FORM I - AIR ANALYSIS DATA SHEET
EPA TO-15L

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AVSP-R5-SS-20150224

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Sol Gas Laboratory ID: SC03733-08 File ID: 0373308.D
 Sampled: 02/25/15 08:44 Analyzed: 03/05/15 02:22
 Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504093 Sequence: S501911 Calibration: 1502030 Instrument: Air3
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
115-07-1	Propene	0.100	0.1721	U
75-71-8	Dichlorodifluoromethane (Freon12)	0.630	3.1152	
74-87-3	Chloromethane	0.100	0.2065	U
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	0.100	0.6990	U
75-01-4	Vinyl chloride	0.100	0.2556	U
106-99-0	1,3-Butadiene	0.100	0.2209	U
74-83-9	Bromomethane	0.100	0.3881	U
75-00-3	Chloroethane	0.100	0.2638	U
67-64-1	Acetone	16.0	38.0204	
75-69-4	Trichlorofluoromethane (Freon 11)	0.260	1.4611	
64-17-5	Ethanol	11.1	20.9288	
107-13-1	Acrylonitrile	0.100	0.2168	U
75-35-4	1,1-Dichloroethene	0.100	0.3967	U
75-09-2	Methylene chloride	0.100	0.3472	U
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	0.100	0.7665	U
75-15-0	Carbon disulfide	0.570	1.7741	
156-60-5	trans-1,2-Dichloroethene	0.100	0.3965	U
75-34-3	1,1-Dichloroethane	0.100	0.4049	U
1634-04-4	Methyl tert-butyl ether	0.100	0.3607	U
67-63-0	Isopropyl alcohol	13.6	33.3742	
78-93-3	2-Butanone (MEK)	3.85	11.3532	
156-59-2	cis-1,2-Dichloroethene	0.100	0.3965	U
110-54-3	Hexane	0.270	0.9519	J
141-78-6	Ethyl acetate	0.670	2.4142	
67-66-3	Chloroform	0.100	0.4867	U
109-99-9	Tetrahydrofuran	1.46	4.3054	
107-06-2	1,2-Dichloroethane	0.100	0.4049	U
71-55-6	1,1,1-Trichloroethane	0.100	0.5456	U
71-43-2	Benzene	0.150	0.4785	
56-23-5	Carbon tetrachloride	0.100	0.6290	
110-82-7	Cyclohexane	0.100	0.3442	U
78-87-5	1,2-Dichloropropane	0.100	0.4622	U
75-27-4	Bromodichloromethane	0.100	0.6699	U
79-01-6	Trichloroethene	0.100	0.5374	U
123-91-1	1,4-Dioxane	0.500	1.7996	U
142-82-5	n-Heptane	0.100	0.4098	U
108-10-1	4-Methyl-2-pentanone (MIBK)	0.800	3.2785	
10061-01-5	cis-1,3-Dichloropropene	0.100	0.4540	U

FORM I - AIR ANALYSIS DATA SHEET

EPA TO-15L

AVSP-R5-SS-20150224

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Sol Gas Laboratory ID: SC03733-08 File ID: 0373308.D
 Sampled: 02/25/15 08:44 Analyzed: 03/05/15 02:22
 Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504093 Sequence: S501911 Calibration: 1502030 Instrument: Air3
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
10061-02-6	trans-1,3-Dichloropropene	0.100	0.4540	U
79-00-5	1,1,2-Trichloroethane	0.100	0.5456	U
108-88-3	Toluene	1.17	4.4025	
591-78-6	2-Hexanone (MBK)	0.720	2.9507	
124-48-1	Dibromochloromethane	0.100	0.8519	U
106-93-4	1,2-Dibromoethane (EDB)	0.100	0.7685	U
127-18-4	Tetrachloroethene	0.100	0.6781	U
108-90-7	Chlorobenzene	0.100	0.4605	U
630-20-6	1,1,1,2-Tetrachloroethane	0.100	0.6871	U
100-41-4	Ethylbenzene	0.290	1.2573	
179601-23-1	m,p-Xylene	1.20	5.2025	
75-25-2	Bromoform	0.100	1.0335	U
100-42-5	Styrene	0.110	0.4679	
95-47-6	o-Xylene	0.400	1.7342	
79-34-5	1,1,2,2-Tetrachloroethane	0.100	0.6867	U
98-82-8	Isopropylbenzene	0.100	0.4916	U
108-67-8	1,3,5-Trimethylbenzene	0.250	1.2290	
622-96-8	4-Ethyltoluene	0.250	1.2290	
95-63-6	1,2,4-Trimethylbenzene	0.700	3.4413	
91-20-3	Naphthalene	0.170	0.8900	✓
541-73-1	1,3-Dichlorobenzene	0.100	0.6012	U
100-44-7	Benzyl chloride	0.100	0.5153	U
106-46-7	1,4-Dichlorobenzene	0.140	0.8417	
135-98-8	sec-Butylbenzene	0.100	0.5489	U
99-87-6	4-Isopropyltoluene	0.370	1.9854	
95-50-1	1,2-Dichlorobenzene	0.100	0.6012	U
104-51-8	n-Butylbenzene	0.220	1.2075	
120-82-1	1,2,4-Trichlorobenzene	0.100	0.7423	U
87-68-3	Hexachlorobutadiene	0.100	1.0663	U

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FORM I - AIR ANALYSIS DATA SHEET
EPA TO-15L

9
AVSP-R5-AI-20150224

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
Project Number: P0233 Received: 02/25/15 14:00
Matrix: Indoor/Ambient Air Laboratory ID: SC03733-09 File ID: 0373309.D
Sampled: 02/25/15 08:43 Analyzed: 03/05/15 02:57
Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
Batch: 1504093 Sequence: S501911 Calibration: 1502030 Instrument: Air3
Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
115-07-1	Propene	0.100	0.1721	U
75-71-8	Dichlorodifluoromethane (Freon12)	0.530	2.6207	
74-87-3	Chloromethane	0.100	0.2065	U
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	0.100	0.6990	U
75-01-4	Vinyl chloride	0.100	0.2556	U
106-99-0	1,3-Butadiene	0.100	0.2209	U
74-83-9	Bromomethane	0.100	0.3881	U
75-00-3	Chloroethane	0.100	0.2638	U
67-64-1	Acetone	5.60	13.3072	
75-69-4	Trichlorofluoromethane (Freon 11)	0.270	1.5173	
64-17-5	Ethanol	56.2 59.7	112.5632 105.9640	F
107-13-1	Acrylonitrile	0.100	0.2168	U
75-35-4	1,1-Dichloroethene	0.100	0.3967	U
75-09-2	Methylene chloride	0.250	0.8681	
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	0.100	0.7665	U
75-15-0	Carbon disulfide	0.500	1.5562	U
156-60-5	trans-1,2-Dichloroethene	0.100	0.3965	U
75-34-3	1,1-Dichloroethane	0.100	0.4049	U
1634-04-4	Methyl tert-butyl ether	0.100	0.3607	U
67-63-0	Isopropyl alcohol	2.11	5.1779	
78-93-3	2-Butanone (MEK)	0.650	1.9168	
156-59-2	cis-1,2-Dichloroethene	0.100	0.3965	U
110-54-3	Hexane	2.05	7.2274	
141-78-6	Ethyl acetate	0.920	3.3150	
67-66-3	Chloroform	0.100	0.4867	U
109-99-9	Tetrahydrofuran	0.220	0.6488	
107-06-2	1,2-Dichloroethane	0.100	0.4049	U
71-55-6	1,1,1-Trichloroethane	0.100	0.5456	U
71-43-2	Benzene	0.700	2.2331	
56-23-5	Carbon tetrachloride	0.100	0.6290	U
110-82-7	Cyclohexane	0.470	1.6178	
78-87-5	1,2-Dichloropropane	0.100	0.4622	U
75-27-4	Bromodichloromethane	0.100	0.6699	U
79-01-6	Trichloroethene	0.100	0.5374	U
123-91-1	1,4-Dioxane	0.500	1.7996	U
142-82-5	n-Heptane	0.490	2.0081	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.100	0.4098	U
10061-01-5	cis-1,3-Dichloropropene	0.100	0.4540	U

FORM I - AIR ANALYSIS DATA SHEET
EPA TO-15L

AVSP-R5-AI-20150224

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Indoor/Ambient Air Laboratory ID: SC03733-09 File ID: 0373309.D
 Sampled: 02/25/15 08:43 Analyzed: 03/05/15 02:57
 Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504093 Sequence: S501911 Calibration: 1502030 Instrument: Air3
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
10061-02-6	trans-1,3-Dichloropropene	0.100	0.4540	U
79-00-5	1,1,2-Trichloroethane	0.100	0.5456	U
108-88-3	Toluene	1.18	4.4401	
591-78-6	2-Hexanone (MBK)	0.100	0.4098	U
124-48-1	Dibromochloromethane	0.100	0.8519	U
106-93-4	1,2-Dibromoethane (EDB)	0.100	0.7685	U
127-18-4	Tetrachloroethene	0.100	0.6781	U
108-90-7	Chlorobenzene	0.100	0.4605	U
630-20-6	1,1,1,2-Tetrachloroethane	0.100	0.6871	U
100-41-4	Ethylbenzene	0.100	0.4335	U
179601-23-1	m,p-Xylene	0.200	0.8671	U
75-25-2	Bromoform	0.100	1.0335	U
100-42-5	Styrene	0.100	0.4254	U
95-47-6	o-Xylene	0.100	0.4335	U
79-34-5	1,1,2,2-Tetrachloroethane	0.100	0.6867	U
98-82-8	Isopropylbenzene	0.100	0.4916	U
108-67-8	1,3,5-Trimethylbenzene	0.100	0.4916	U
622-96-8	4-Ethyltoluene	0.100	0.4916	U
95-63-6	1,2,4-Trimethylbenzene	0.100	0.4916	U
91-20-3	Naphthalene	0.500	2.6176	U
541-73-1	1,3-Dichlorobenzene	0.100	0.6012	U
100-44-7	Benzyl chloride	0.100	0.5153	U
106-46-7	1,4-Dichlorobenzene	0.100	0.6012	U
135-98-8	sec-Butylbenzene	0.100	0.5489	U
99-87-6	4-Isopropyltoluene	0.100	0.5366	U
95-50-1	1,2-Dichlorobenzene	0.100	0.6012	U
104-51-8	n-Butylbenzene	0.100	0.5489	U
120-82-1	1,2,4-Trichlorobenzene	0.100	0.7423	U
87-68-3	Hexachlorobutadiene	0.100	1.0663	U

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FORM I - AIR ANALYSIS DATA SHEET
EPA TO-15L

9DL
AVSP-R5-AI-20150224

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
Project Number: P0233 Received: 02/25/15 14:00
Matrix: Indoor/Ambient Air Laboratory ID: SC03733-09RE1 File ID: 0373309RE1.D
Sampled: 02/25/15 08:43 Analyzed: 03/06/15 00:35
Dilution Factor: 5 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
Batch: 1504137 Sequence: S501941 Calibration: 1502030 Instrument: Air3
Reported to: MRL

Use original results

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
64-17-5	Ethanol	56.2	105.9640	☒

12/4/15

FORM I - AIR ANALYSIS DATA SHEET

EPA TO-15

AVSP-R1-SS-20150217

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Soil Gas Laboratory ID: SC03733-10 File ID: 0373310.D
 Sampled: 02/18/15 08:35 Analyzed: 03/06/15 17:39
 Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504218 Sequence: S501976 Calibration: 1503017 Instrument: Air4
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
115-07-1	Propene	0.500	0.8605	U
75-71-8	Dichlorodifluoromethane (Freon12)	0.490	2.4229	J
74-87-3	Chloromethane	0.380	0.7849	J
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	0.500	3.4949	U
75-01-4	Vinyl chloride	0.500	1.2781	U
106-99-0	1,3-Butadiene	0.500	1.1043	U
74-83-9	Bromomethane	0.500	1.9407	U
75-00-3	Chloroethane	0.500	1.3190	U
67-64-1	Acetone	8.72	20.7211	
75-69-4	Trichlorofluoromethane (Freon 11)	0.500	2.8098	U
64-17-5	Ethanol	51.3	96.7252	
107-13-1	Acrylonitrile	0.500	1.0838	U
75-35-4	1,1-Dichloroethene	0.500	1.9836	U
75-09-2	Methylene chloride	0.500	1.7362	U
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	0.500	3.8323	U
75-15-0	Carbon disulfide	0.500	1.5562	U
156-60-5	trans-1,2-Dichloroethene	0.500	1.9826	U
75-34-3	1,1-Dichloroethane	0.500	2.0245	U
1634-04-4	Methyl tert-butyl ether	0.500	1.8037	U
67-63-0	Isopropyl alcohol	28.5	69.9387	
78-93-3	2-Butanone (MEK)	0.480	1.4155	J
156-59-2	cis-1,2-Dichloroethene	0.500	1.9826	U
110-54-3	Hexane	0.500	1.7628	U
141-78-6	Ethyl acetate	2.99	10.7738	
67-66-3	Chloroform	0.500	2.4335	U
109-99-9	Tetrahydrofuran	0.500	1.4744	U
107-06-2	1,2-Dichloroethane	0.500	2.0245	U
71-55-6	1,1,1-Trichloroethane	0.500	2.7280	U
71-43-2	Benzene	0.500	1.5951	U
56-23-5	Carbon tetrachloride	0.500	3.1452	U
110-82-7	Cyclohexane	0.500	1.7211	U
78-87-5	1,2-Dichloropropane	0.500	2.3108	U
75-27-4	Bromodichloromethane	0.500	3.3497	U
79-01-6	Trichloroethene	0.500	2.6871	U
123-91-1	1,4-Dioxane	0.500	1.7996	U
142-82-5	n-Heptane	0.500	2.0491	U
108-10-1	4-Methyl-2-pentanone (MIBK)	0.500	2.0491	U
10061-01-5	cis-1,3-Dichloropropene	0.500	2.2699	U

FORM I - AIR ANALYSIS DATA SHEET

EPA TO-15

AVSP-R1-SS-20150217

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Soil Gas Laboratory ID: SC03733-10 File ID: 0373310.D
 Sampled: 02/18/15 08:35 Analyzed: 03/06/15 17:39
 Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504218 Sequence: S501976 Calibration: 1503017 Instrument: Air4
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
10061-02-6	trans-1,3-Dichloropropene	0.500	2.2699	U
79-00-5	1,1,2-Trichloroethane	0.500	2.7280	U
108-88-3	Toluene	0.500	1.8814	U
591-78-6	2-Hexanone (MBK)	0.500	2.0491	U
124-48-1	Dibromochloromethane	0.500	4.2597	U
106-93-4	1,2-Dibromoethane (EDB)	0.500	3.8425	U
127-18-4	Tetrachloroethene	0.500	3.3906	U
108-90-7	Chlorobenzene	0.500	2.3027	U
630-20-6	1,1,1,2-Tetrachloroethane	0.500	3.4356	U
100-41-4	Ethylbenzene	0.500	2.1677	U
179601-23-1	m,p-Xylene	1.00	4.3354	U
75-25-2	Bromoform	0.500	5.1677	U
100-42-5	Styrene	0.500	2.1268	U
95-47-6	o-Xylene	0.500	2.1677	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	3.4335	U
98-82-8	Isopropylbenzene	0.500	2.4581	U
108-67-8	1,3,5-Trimethylbenzene	0.500	2.4581	U
622-96-8	4-Ethyltoluene	0.330	1.6223	J
95-63-6	1,2,4-Trimethylbenzene	0.390	1.9173	J
91-20-3	Naphthalene	0.500	2.6176	U
541-73-1	1,3-Dichlorobenzene	0.500	3.0061	U
100-44-7	Benzyl chloride	0.500	2.5767	U
106-46-7	1,4-Dichlorobenzene	0.500	3.0061	U
135-98-8	sec-Butylbenzene	0.500	2.7444	U
99-87-6	4-Isopropyltoluene	0.500	2.6830	U
95-50-1	1,2-Dichlorobenzene	0.500	3.0061	U
104-51-8	n-Butylbenzene	0.500	2.7444	U
120-82-1	1,2,4-Trichlorobenzene	0.500	3.7117	U
87-68-3	Hexachlorobutadiene	0.500	5.3313	U

FORM I - AIR ANALYSIS DATA SHEET

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AVSP-R1-AA-20150217

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Indoor/Ambient Air Laboratory ID: SC03733-11 File ID: 0373311.D
 Sampled: 02/18/15 08:48 Analyzed: 03/06/15 18:23
 Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504218 Sequence: S501976 Calibration: 1503017 Instrument: Air4
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
115-07-1	Propene	0.500	0.8605	U
75-71-8	Dichlorodifluoromethane (Freon12)	0.470	2.3240	J
74-87-3	Chloromethane	0.380	0.7849	J
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	0.500	3.4949	U
75-01-4	Vinyl chloride	0.500	1.2781	U
106-99-0	1,3-Butadiene	0.500	1.1043	U
74-83-9	Bromomethane	0.500	1.9407	U
75-00-3	Chloroethane	0.500	1.3190	U
67-64-1	Acetone	2.19	5.2040	
75-69-4	Trichlorofluoromethane (Freon 11)	0.500	2.8098	U
64-17-5	Ethanol	3.68	6.9386	
107-13-1	Acrylonitrile	0.500	1.0838	U
75-35-4	1,1-Dichloroethene	0.500	1.9836	U
75-09-2	Methylene chloride	0.500	1.7362	U
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	0.500	3.8323	U
75-15-0	Carbon disulfide	0.500	1.5562	U
156-60-5	trans-1,2-Dichloroethene	0.500	1.9826	U
75-34-3	1,1-Dichloroethane	0.500	2.0245	U
1634-04-4	Methyl tert-butyl ether	0.500	1.8037	U
67-63-0	Isopropyl alcohol	0.500	1.2270	U
78-93-3	2-Butanone (MEK)	0.500	1.4744	U
156-59-2	cis-1,2-Dichloroethene	0.500	1.9826	U
110-54-3	Hexane	0.500	1.7628	U
141-78-6	Ethyl acetate	0.530	1.9097	
67-66-3	Chloroform	0.500	2.4335	U
109-99-9	Tetrahydrofuran	0.500	1.4744	U
107-06-2	1,2-Dichloroethane	0.500	2.0245	U
71-55-6	1,1,1-Trichloroethane	0.500	2.7280	U
71-43-2	Benzene	0.500	1.5951	U
56-23-5	Carbon tetrachloride	0.500	3.1452	U
110-82-7	Cyclohexane	0.500	1.7211	U
78-87-5	1,2-Dichloropropane	0.500	2.3108	U
75-27-4	Bromodichloromethane	0.500	3.3497	U
79-01-6	Trichloroethene	0.500	2.6871	U
123-91-1	1,4-Dioxane	0.500	1.7996	U
142-82-5	n-Heptane	0.500	2.0491	U
108-10-1	4-Methyl-2-pentanone (MIBK)	0.500	2.0491	U
10061-01-5	cis-1,3-Dichloropropene	0.500	2.2699	U

FORM I - AIR ANALYSIS DATA SHEET
EPA TO-15

AVSP-R1-AA-20150217

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Indoor/Ambient Air Laboratory ID: SC03733-11 File ID: 0373311.D
 Sampled: 02/18/15 08:48 Analyzed: 03/06/15 18:23
 Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504218 Sequence: S501976 Calibration: 1503017 Instrument: Air4
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
10061-02-6	trans-1,3-Dichloropropene	0.500	2.2699	U
79-00-5	1,1,2-Trichloroethane	0.500	2.7280	U
108-88-3	Toluene	0.500	1.8814	U
591-78-6	2-Hexanone (MBK)	0.500	2.0491	U
124-48-1	Dibromochloromethane	0.500	4.2597	U
106-93-4	1,2-Dibromoethane (EDB)	0.500	3.8425	U
127-18-4	Tetrachloroethene	0.500	3.3906	U
108-90-7	Chlorobenzene	0.500	2.3027	U
630-20-6	1,1,1,2-Tetrachloroethane	0.500	3.4356	U
100-41-4	Ethylbenzene	0.500	2.1677	U
179601-23-1	m,p-Xylene	1.00	4.3354	U
75-25-2	Bromoform	0.500	5.1677	U
100-42-5	Styrene	0.500	2.1268	U
95-47-6	o-Xylene	0.500	2.1677	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	3.4335	U
98-82-8	Isopropylbenzene	0.500	2.4581	U
108-67-8	1,3,5-Trimethylbenzene	0.500	2.4581	U
622-96-8	4-Ethyltoluene	0.500	2.4581	U
95-63-6	1,2,4-Trimethylbenzene	0.500	2.4581	U
91-20-3	Naphthalene	0.500	2.6176	U
541-73-1	1,3-Dichlorobenzene	0.500	3.0061	U
100-44-7	Benzyl chloride	0.500	2.5767	U
106-46-7	1,4-Dichlorobenzene	0.500	3.0061	U
135-98-8	sec-Butylbenzene	0.500	2.7444	U
99-87-6	4-Isopropyltoluene	0.500	2.6830	U
95-50-1	1,2-Dichlorobenzene	0.500	3.0061	U
104-51-8	n-Butylbenzene	0.500	2.7444	U
120-82-1	1,2,4-Trichlorobenzene	0.500	3.7117	U
87-68-3	Hexachlorobutadiene	0.500	5.3313	U

mw 4/14/15

FORM I - AIR ANALYSIS DATA SHEET **EPA TO-15**

AVSP-R1-AI-20150217

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Indoor/Ambient Air Laboratory ID: SC03733-12 File ID: 0373312.D
 Sampled: 02/18/15 08:36 Analyzed: 03/06/15 16:11
 Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504218 Sequence: S501976 Calibration: 1503017 Instrument: Air4
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
115-07-1	Propene	0.500	0.8605	U
75-71-8	Dichlorodifluoromethane (Freon12)	0.500	2.4724	
74-87-3	Chloromethane	0.370	0.7642	J
76-14-2	1,2-Dichlorotetrafluoroethane (Freon 114)	0.500	3.4949	U
75-01-4	Vinyl chloride	0.500	1.2781	U
106-99-0	1,3-Butadiene	0.500	1.1043	U
74-83-9	Bromomethane	0.500	1.9407	U
75-00-3	Chloroethane	0.500	1.3190	U
67-64-1	Acetone	3.62	8.6021	
75-69-4	Trichlorofluoromethane (Freon 11)	0.500	2.8098	U
64-17-5	Ethanol	63.4	119.5395	
107-13-1	Acrylonitrile	0.500	1.0838	U
75-35-4	1,1-Dichloroethene	0.500	1.9836	U
75-09-2	Methylene chloride	0.500	1.7362	U
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	0.500	3.8323	U
75-15-0	Carbon disulfide	0.500	1.5562	U
156-60-5	trans-1,2-Dichloroethene	0.500	1.9826	U
75-34-3	1,1-Dichloroethane	0.500	2.0245	U
1634-04-4	Methyl tert-butyl ether	0.500	1.8037	U
67-63-0	Isopropyl alcohol	10.6	26.0123	
78-93-3	2-Butanone (MEK)	0.500	1.4744	U
156-59-2	cis-1,2-Dichloroethene	0.500	1.9826	U
110-54-3	Hexane	0.500	1.7628	U
141-78-6	Ethyl acetate	5.02	18.0884	
67-66-3	Chloroform	0.500	2.4335	U
109-99-9	Tetrahydrofuran	0.500	1.4744	U
107-06-2	1,2-Dichloroethane	0.500	2.0245	U
71-55-6	1,1,1-Trichloroethane	0.500	2.7280	U
71-43-2	Benzene	0.500	1.5951	U
56-23-5	Carbon tetrachloride	0.500	3.1452	U
110-82-7	Cyclohexane	0.500	1.7211	U
78-87-5	1,2-Dichloropropane	0.500	2.3108	U
75-27-4	Bromodichloromethane	0.500	3.3497	U
79-01-6	Trichloroethene	2.60	13.9730	
123-91-1	1,4-Dioxane	0.500	1.7996	U
142-82-5	n-Heptane	0.500	2.0491	U
108-10-1	4-Methyl-2-pentanone (MIBK)	0.500	2.0491	U
10061-01-5	cis-1,3-Dichloropropene	0.500	2.2699	U

12/4/15

FORM I - AIR ANALYSIS DATA SHEET
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12

AVSP-R1-AI-20150217

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 03733
 Client: Spectrum Analytical, Inc. - North Kingstown, RI Project: Apple Valley SVI
 Project Number: P0233 Received: 02/25/15 14:00
 Matrix: Indoor/Ambient Air Laboratory ID: SC03733-12 File ID: 0373312.D
 Sampled: 02/18/15 08:36 Analyzed: 03/06/15 16:11
 Dilution Factor: 1 Preparation: General Air Prep Initial/Final: 200 ml / 200 ml
 Batch: 1504218 Sequence: S501976 Calibration: 1503017 Instrument: Air4
 Reported to: MRL

CAS NO.	COMPOUND	CONC. (ppbv)	CONC. (ug/m3)	Q
10061-02-6	trans-1,3-Dichloropropene	0.500	2.2699	U
79-00-5	1,1,2-Trichloroethane	0.500	2.7280	U
108-88-3	Toluene	0.380	1.4299	J
591-78-6	2-Hexanone (MBK)	0.500	2.0491	U
124-48-1	Dibromochloromethane	0.500	4.2597	U
106-93-4	1,2-Dibromoethane (EDB)	0.500	3.8425	U
127-18-4	Tetrachloroethene	0.500	3.3906	U
108-90-7	Chlorobenzene	0.500	2.3027	U
630-20-6	1,1,1,2-Tetrachloroethane	0.500	3.4356	U
100-41-4	Ethylbenzene	0.500	2.1677	U
179601-23-1	m,p-Xylene	1.00	4.3354	U
75-25-2	Bromoform	0.500	5.1677	U
100-42-5	Styrene	0.500	2.1268	U
95-47-6	o-Xylene	0.500	2.1677	U
79-34-5	1,1,2,2-Tetrachloroethane	0.500	3.4335	U
98-82-8	Isopropylbenzene	0.500	2.4581	U
108-67-8	1,3,5-Trimethylbenzene	0.500	2.4581	U
622-96-8	4-Ethyltoluene	0.500	2.4581	U
95-63-6	1,2,4-Trimethylbenzene	0.500	2.4581	U
91-20-3	Naphthalene	0.500	2.6176	U
541-73-1	1,3-Dichlorobenzene	0.500	3.0061	U
100-44-7	Benzyl chloride	0.500	2.5767	U
106-46-7	1,4-Dichlorobenzene	0.500	3.0061	U
135-98-8	sec-Butylbenzene	0.500	2.7444	U
99-87-6	4-Isopropyltoluene	0.500	2.6830	U
95-50-1	1,2-Dichlorobenzene	0.500	3.0061	U
104-51-8	n-Butylbenzene	0.500	2.7444	U
120-82-1	1,2,4-Trichlorobenzene	0.500	3.7117	U
87-68-3	Hexachlorobutadiene	0.500	5.3313	U

NW 4/24/15