SUB-SLAB DEPRESSURIZATION SYSTEM
AS-BUILT REPORT

203 EGGERT ROAD
CHEEKTOWAGA, NEW YORK

Prepared for:

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TABLE OF CONTENTS

Section **Page**

LIST OF TABLES

LIST OF FIGURES

APPENDICES

1.0 INTRODUCTION

On behalf of Leica Microsystems, Inc (Leica), Synapse Property Resources (Synapse) has prepared this Sub-Slab Depressurization System (SSDS) As-Built Report relative to the Property located at 203 Eggert Road, Cheektowaga, New York (the Property).

The structure of this SSDS As-Built Report has been prepared in general conformance with requirements set forth in the New York State Department of Environmental Conservation (NYSDEC) DER-10, *Technical Guidance for Site Investigation and Remediation, May 2010* (DER-10) and the New York State Department of Health (NYSDOH) Final, *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, October 2006 (updated May 2017).

1.1 Design Objectives and Goals

The purpose of this SSDS As-Built Report is to document that the SSDS design objectives and performance goals were achieved following complete system installation. The system objectives and performance goals include the following elements:

- Reduce and maintain indoor air concentrations of trichloroethylene (TCE) below 1 microgram per cubic meter (ug/m^3) as per NYSDOH Soil Vapor Guidance Document Matrix A.
- Create a minimum negative pressure of -0.004 inches of water column (In. W.C) beneath the existing 203 Eggert Road building slab so as to prevent vapors from entering the indoor air of the building, while also releasing the trapped vapors beneath the slab;
- Demonstrate an applied radius of influence between vacuum sumps associated with the eight individual SSDS fans and to confirm a maintained sub-slab vacuum; and
- Demonstrate system effectiveness while maintaining for continuous operation of the SSDS, with no significant non-operating time.

1.2 Property Overview

The Property consists of a 22-acre parcel in an industrial setting, with residential development to the south of the Property. San-Son currently owns the building at the Property and utilizes the space for the storage of commercial electronics. Leica has retained ownership of a portion the land exterior the building where soil and groundwater contamination were first identified in the 1990s.

The San-Son building occupies approximately 260,000 square feet and is surrounded by paved access roads and parking areas.

1.3 Property History

The San-Son building was built in 1938 by the Spencer Lens Company for the manufacture of scientific instruments and high quality optical devices. Leica purchased the Property in 1990 and continued operations at the Property until 1993. Leica currently retained ownership of part of the land where contamination was identified. To address impacted areas, Leica implemented a number of cleanup measures at the Property including:

- Installation and operation of a Dual Vacuum Extraction/Pneumatic fracturing system to remove groundwater within the shallow groundwater zone;
- Installation of a deep groundwater extraction and treatment system to address contamination within the bedrock;
- Excavation of 9,500 tons of contaminated soil at a portion of the Property; and
- Implementation of a long term monitoring strategy to ensure the effectiveness of the groundwater treatment system.

The soil contamination source area has been removed from the Property, and residual low levels of groundwater contamination remaining. This groundwater contamination has been managed by a groundwater extraction and treatment system that has been in operation since 2002.

In 2008, Leica conducted an injection program utilizing Hydrogen Release Compound (HRC) to accelerate degradation of the residual chlorinated compounds in groundwater. In 2010, Leica conducted a soil vapor intrusion investigation that identified a vapor intrusion condition within the San-Son building followed by some limited interim mitigation.

In 2015, Leica conducted a sub-slab diagnostic investigation to determine whether a building wide SSDS was a feasible approach to mitigate the vapor intrusion condition. The sub-slab diagnostic investigation determined that a building-wide SSDS was a viable option to address the vapor intrusion condition. A Sub-Slab Depressurization Installation Plan (Synapse, July 2016) was submitted to NYSDEC and subsequently approved

2.0 BASELINE INDOOR AIR QUALITY ASSESSMENT

In order to develop a baseline understanding of indoor air and sub-slab vapor concentrations prior to the installation of the building-wide SSDS, Synapse reviewed supplemental indoor air data and sub-slab data provided by Energy Solutions for the Property (November 2010 and January 2013). Following the review, Synapse prepared an indoor air and sub-slab vapor sampling plan that included the collection of samples from similar locations of previous sampling events to establish a baseline for indoor air and sub-slab vapor. A total of eleven indoor air and five sub-slab vapor samples were collected concurrently and were designated as IDA-1 through IDA-11 and SSV-1 through SSV-5, respectively.

The baseline indoor air and sub-slab vapor sampling was conducted on March 18, 2016 utilizing 6-liter Summa® canisters, with an 8-hour flow controller. The volatile organic compounds (VOCs) of focus included trichloroethylene (TCE) and cis and trans-1, 2-dichloroethene (1, 2-DCE), however a full USEPA TO-15 scan was conducted by Alpha Analytical of West Borough, MA. The findings of the 2016 Baseline Assessment are summarized as follows.

<u>Indoor Air Quality</u>

- TCE was identified in all eleven indoor air samples at concentrations above NYSDOH Soil Vapor/Indoor Air Matrix A and/or Matrix B mitigation guidance levels. Concentrations of TCE ranged from 1.1 ug/m^3 in sample IDA-10 to 26.8 ug/m^3 in sample IDA-4.

Sub-Slab Vapor

- TCE was identified in four of the five sub-slab vapor samples at concentrations above NYSDOH Soil Vapor/Indoor Air Matrix A mitigation guidance levels. Concentrations of TCE ranged from 88.7 ug/m^3 in sample SSV-5 to 342,000 ug/m^3 in sample IDA-2.

3.0 SSDS INSTALLATION OVERVIEW

The overall objective of the SSDS is to limit the migration of sub-slab soil vapor into the indoor air of the 203 Eggert Road building through meeting the system performance objectives described in Section 1.1.

The SSDS building-wide design was based on the findings of the February 2015 Interim SSDS investigation, which identified that 60 feet to 80 feet horizontal spacing would provide converging vacuum fields in the sub-slab soils. The interim SSDS investigation consisted of utilizing a portable 6.5 horse power (hp) shop vacuum with a maximum flow rate of 200 cubic feet per minute (CFM) to create pressure differential at each of the six (6) vacuum suction cavities installed in the north, center and south zones of the building. The applied vacuum beneath the sub-slab was measured at varying distances from the sumps, as In. W.C. measured with a Fluke Model 922 digital monometer.

Based on the interim investigation, a building-wide SSDS was scaled-up to consist of 83 vacuum sumps (VS-1A through VS-8J) connected to eight (8) OBAR Model GBR 89 high performance radial fans mounted on the east exterior wall of the building. The SSDS layout as currently installed is depicted on Figure 1 – SSDS Installation Layout Plan.

3.1 Sub-slab Diagnostic Testing and SSDS Performance Measurements

In order to evaluate and confirm sub-slab pressure fields below the San-Son building, 117 sub-slab diagnostic measurement points were installed through the building slab and are depicted on Figure 2 – Sub-Slab Diagnostic Test Location Plan. The pressure differential beneath the sub-slab was measured and recorded as In. W.C. measured with a Fluke Model 922 digital monometer. The measurements are included in Table 1 – Sub-Slab Diagnostic Results.

North Zone

The north zone SSDS consists of three individual fans (Fan No. 1, 2 and 3) that are connected to ten, 15 and ten vacuum sumps, respectively. Initial sub-slab diagnostic measurements readings in the north zone ranged from -0.001 In. W.C. at test location 24 to -0.080 In. W.C. at test location 14. Final diagnostic measurements ranged from -0.005 In. W.C. at test location 2 to -0.050 In. W.C. at test location 4. The results of the diagnostic testing in the north zone demonstrate horizontal pressure differential fields between 25 and 50 feet, which demonstrate influence from the adjacent systems.

Center Zone

The center zone SSDS consists of two individual fans (Fan No. 4 and 5) that are connected to six and nine vacuum sumps, respectively. Initial sub-slab diagnostic measurements readings in the center zone ranged from -0.002 In. W.C. at test location 33 to -0.281 In. W.C. at test location

43. Final diagnostic measurements ranged from -0.014 In. W.C. at test location 34 to -0.045 In. W.C. at test location 31. The results of the diagnostic testing in the center zone demonstrate horizontal pressure differential fields between 30 and 55 feet, which demonstrate influence from the adjacent systems.

South Zone

The south zone SSDS consists of three individual fans (Fan No. 6, 7 and 8) that are connected to 12, 11 and ten vacuum sumps, respectively. Initial sub-slab diagnostic measurements readings in the south zone ranged from -0.003 In. W.C. at test location 76 to -0.020 In. W.C. at test location 78. Final diagnostic measurements ranged from -0.008 In. W.C. at test location 92 to -0.081 In. W.C. at test location 105. The results of the diagnostic testing in the south zone demonstrate horizontal pressure differential fields that average between 35 and 50 feet, which demonstrate influence from the adjacent systems.

3.2 SSDS Controls, Monitoring and Piping Network

The eight OBAR fans are individually monitored in real time by a Sensaphone SCADA 3000 Remote Terminal Unit (RTU). The SCADA 3000 monitors the SSDS 24 hours per day through receivers mounted on the building that receive continuous wireless signals from the transmitters mounted on each fan. Each fan also includes an interior mounted monometer installed at eye level to provide a visual indication to tenants that the system is operating. In the event that a fan loses power or vacuum an alarm will be initiated by the SCADA 3000 that notifies the administrator through a telephone call. The SSDS controls and monitoring are depicted on Figure 3 – Building Profile and Miscellaneous Details.

The piping network consists of 2-inch diameter schedule 40 polyvinyl chloride (PVC) piping originating at vacuum sump floor locations and connecting to 3-inch diameter trunk lines that run the width of the building and terminate at the east exterior building wall. The vacuum sump locations depicted on Figure 2 and provide final installed construction layout of the system. The sump locations were located near building column lines with the intent for the interior columns to provide a level of protection for the vertical PVC risers. In areas where the vacuum sump risers could not be protected by the columns bollards were installed or 2-inch diameter iron pipe was installed and transitioned back to PVC four or five feet from the building floor.

The horizontal pipe runs were installed with a minimum slope returning to the vacuum sumps of 1-inch per 20-feet. The horizontal pipe runs were supported with pipe hangers within two feet of couplings and a maximum hanger spacing of six feet per New York State Plumbing Code. Each vacuum sump was sealed with foam backer rod and polyurethane self-leveling caulk and allowed to sufficiently dry according to manufacturer specifications prior to activation of the system. All 83 vacuum sumps included 2-inch ball valves for balancing the system, where required. As installed the vertical and horizontal PVC piping runs, including elbows, valves and fittings, consist of approximately 4,670 linear feet.

4.0 POST SSDS INSTALATION INDOOR AIR AND SUB-SLAB VAPOR EVALUATION

Approximately three (3) months after activating the SSDS, a second round of indoor air and sub-slab soil vapor samples were collected concurrently on March 30, 2017 to evaluate the effectiveness of the building-wide SSDS in reducing indoor air concentrations to levels below NYSDOH Matrix A guidance levels. All samples were collected at similar locations as the March 2016 baseline sampling event and collected in accordance with the Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH, May 2017). The 6-liter Summa® canisters were cataloged and logged on Table 2– Canister Log that included beginning and ending vacuum readings and other observed conditions during the sampling event.

The indoor air and the sub-slab soil vapor samples were collected using 6-liter Summa® canisters with a flow controller calibrated for eight-hour sample duration and certified as clean by the laboratory. The samples collected were packaged and shipped via courier service to Alpha Analytical of Westborough, Massachusetts. The indoor air and the sub-slab soil vapor samples were analyzed in accordance with USEPA Method TO-15.

4.1 Weather Conditions

Barometric Pressure

The potential influence of barometric pressure on the movement of sub-slab soil vapors to indoor air was evaluated during the soil vapor investigation. Changes in barometric pressure can have an effect on soil vapor by causing cyclic up and down effect on vapor transport; however, it is small when compared to atmospheric pressure. The barometric pressure readings were consistent during the sampling event conducted on March 30, 2017 with levels ranging from 29.6-inches to 29.8-inches and therefore not expected to significantly influence soil vapor intrusion.

Other Conditions

The wind speed ranged between five to eight miles per hour with a general west to northwest direction obtained from measurements recorded at the Rome Griffiss Airfield during the 8-hour sampling event. The interior building temperature ranged from 43 degrees Fahrenheit (ºF) in the Center Zone to 55.6 ºF in South Zone. The interior building relative humidity ranged from 51% in Center Zone to 53.4% in South Zone. The building's zone heating system was operational during the sampling event.

4.2 Post-SSDS Indoor Air Sampling Results

In order to evaluate the effectiveness of the SSDS, on March 30, 2017, a total of 11 indoor air samples including seven indoor air samples (IDA-033017-1 through IDA-033017-11) and two outdoor air samples (ODA-1 and ODA-2) were collected concurrently with 3 sub-slab soil vapor samples. Sample locations are presented on Figure 4 – Indoor Air and Sub-Slab Vapor Location Plan March 2017. The indoor air samples were selected to be representative of workers breathing zone and were collected at similar location to the March 2016 baseline sampling event. The outdoor air sample location was selected to evaluate the potential for

outdoor air to contribute to VOC levels in indoor air. The following summarizes the findings of the indoor air and sub-slab soil vapor samples analytical results.

- NYSDOH VOCs of concern were not detected in any of the eleven of the indoor air samples IDA-033017-1 through IDA-033017-11 at concentrations above NYSDOH Air Guideline Values.
- VOCs were not detected in outdoor air samples at concentrations above NYSDOH Air Guideline Values.
- A tabular summary of the indoor air analytical results in comparison to NYSDOH Air Guideline Values are presented in Table 3 – Indoor Air Analytical Summary. A complete copy of the laboratory analytical report is provided in Appendix A.

4.3 Post-SSDS Installation Sub-Slab Soil Vapor Sampling Results

On March 30, 2017, a total of five (5) sub-slab soil vapor samples were collected concurrently with the 11 indoor air samples and one (1) outdoor air sample. The sample locations are presented on Figure 4 and were selected to be representative of conditions where the highest levels of soil vapor were previously detected during the March 2016 baseline sampling event. The sub-slab soil vapor samples were collected from temporary soil vapor implants installed in the building and constructed of 1/2-inch diameter 316 stainless steel vapor implants connected to 1/4-inch OD polyethylene tubing.

<u>Sub-Slab Soil Vapor Results</u>

- TCE was detected at concentrations in four of the five sub-slab soil vapor samples (SSV-033017-1, SSV-03017-2, SSV-033017-3 and SSV-033017-5) that exceeded NYSDOH Soil Vapor/Indoor Air Matrix 1 mitigation guidance levels.
    - Concentrations of TCE ranged from 88.7 ug/m^3 in sample SSV-033017-5 to 6,560 ug/m^3 in sample SSV-033017-3.
- The concentration of TCE in sub-slab soil vapor sample SSV-033017-2 demonstrates a decreasing trend in comparison to the March 2016 baseline sub-slab sample results.

A summary of the laboratory analytical results are presented in Table 4 – Sub-Slab Soil Vapor Analytical Summary and Figure 4 and a copy of the laboratory analytical report is provided in Appendix A.

5.0 CONCLUSIONS

Based on the results of the recently completed SSDS installation, sub-slab diagnostic testing and post SSDS installation indoor air sampling at the Property, the following conclusions can be drawn.

Post-SSDS Indoor Air Quality

- NYSDOH VOCs of concern were not detected in any of the indoor air samples at concentrations above NYSDOH Air Matrix A Guidance Values, during the March 30, 2017 Post-SSDS sampling event.

Sub-Slab Soil Vapor

NYSDOH VOCs of concern were detected in four of the five sub-slab soil vapor samples (SSV-033017-1, SSV-03017-2, SSV-033017-3 and SSV-033017-5) at concentrations that exceeded the NYSDOH Soil Vapor/Indoor Air Matrix A mitigation guidance levels. TCE vapor concentrations measured at SSV-2/SSV-03017-2 have decreased two orders of magnitude from 342,000 ug/m^3 measured in March 2016 as compared to 1,240 ug/m^3 in March 2017. This resulting reduction demonstrates that the SSDS has created a differential pressure below the slab and by releasing the trapped sub-slab vapor.

The resulting reduction of Post-SSDS indoor air quality (IAQ) and sub-slab soil vapor demonstrate that the SSDS is operating as designed.

6.0 RECOMMENDATIONS

Based on the results and findings herein, it is recommended that the SSDS continue to operate to mitigate the potential for soil vapor intrusion and to release the trapped sub-slab soil vapor.

The indoor air and sub-slab vapor should be re-sampled during the 2017-2018 heating season to continue to the document the effectiveness of the SSDS and to report the results in the annual periodic review report (PRR) for the Property.

Given that the IAQ is below Matrix A guidance levels and sub-slab soil vapor above 60 ug/m^3, NYSDOH guidance requires continued mitigation.

7.0 REFERENCES

New York State Department of Health (October 2006, Updated May 2017). *Guidance for Evaluation Soil Vapor Intrusion in the State of New York.*

Synapse Property Resources, July 2016, SSDS Installation Plan, 203 Eggert Road, Cheektowaga, New York

United States Environmental Protection Agency. *Radon Mitigation Standards (EPA 402-R-93-078, Revised April 1994)*

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TABLES

Sub-Slab Depressurization System As-Built Report
203 Eggert Road
Cheektowaga, New York

June 2017

TABLE 1
Sub-Slab Diagnostic Results

Sub-Slab Depressurization System Post-Installation
203 Eggert Road
Cheektowaga, New York

Building Location	SSDS Fan	Diagnostic Test Point ID	Pressure Differential (Inches of W.C.)	Approximate Horizontal Radius of Influence (Feet) February 2017
North Zone	Fan No. 1	1	-0.005	50
		2	-0.005	40
		3	-0.01	40
		4	-0.05	40
		5	-0.004	30
		6	-0.005	45
		7	-0.032	43
		8	-0.08	50
		9	-0.021	40
		10	-0.014	45
North Zone	Fan No. 2	11	-0.002	25
		12	-0.006	40
		13	-0.04	45
		14	-0.008	40
		15	-0.002	30
		16	-0.036	30
		17	-0.05	25
		18	-0.015	30
		19	-0.02	30
		20	-0.002	20
		21	-0.005	30
		22	-0.02	25
		23	0.000	40
North Zone	Fan 3	24	-0.001	20
		25	-0.003	30
		26	-0.01	20
		27	-0.02	35
Center Zone	Fan 4	28	-0.032	40
		29	-0.003	50
		30	-0.007	55
		31	-0.045	50
		32	-0.023	42
		33	-0.002	40
		34	-0.014	50
		35	-0.003	50
		36	-0.101	45
		40	-0.025	40
		41	-0.010	40
Center Zone	Fan 5	37	-0.032	35
		38	-0.005	40
		39	-0.040	35
		42	-0.202	30
		43	-0.220	40
		44	-0.020	35
		45	-0.050	40
		46	-0.016	30
		47	-0.013	35
		48	-0.153	25
South Zone	Fan 6	49	-0.002	30
		50	-0.004	40
		51	-0.017	35
		52	-0.013	40
		53	-0.054	30
		54	-0.083	20
		55	-0.040	40
		56	-0.002	35
		57	-0.002	30
		58	-0.006	25
		59	-0.003	30
		60	-0.005	30
		61	0.000	30
		62	-0.207	20
		63	-0.047	40
		64	-0.006	40
		65	-0.011	40
		66	-0.002	50
		67	-0.020	25
		68	-0.090	20
		69	-0.012	30
		70	-0.037	40
		71	-0.010	35
		72	-0.009	40
		73	-0.009	30
		74	-0.103	20
		75	-0.010	40

TABLE 1
Sub-Slab Diagnostic Results

Sub-Slab Depressurization System Post-Installation
203 Eggert Road
Cheektowaga, New York

Building Location	SSDS Fan	Diagnostic Test Point ID	Pressure Differential (Inches of W.C.)	Approximate Horizontal Radius of Influence (Feet) February 2017
South Zone	Fan 7	76	-0.003	40
		77	-0.009	35
		78	-0.020	25
		79	-0.001	45
		80	-0.003	50
		81	-0.004	30
		82	-0.009	45
		83	-0.002	40
		84	-0.003	35
		85	-0.030	30
		86	-0.010	30
		87	-0.002	30
		88	-0.002	40
		89	-0.002	25
		90	-0.001	40
		91	-0.004	35
		92	-0.008	30
South Zone	Fan 8	93	-0.005	20
		94	-0.015	25
		95	-0.003	40
		96	-0.001	20
		97	-0.001	30
		98	-0.002	45
		99	-0.019	40
		100	-0.001	40
		101	-0.002	40
		102	-0.007	20
		103	-0.011	30
		104	-0.002	45
		105	-0.081	25
		106	-0.106	35
		107	-0.002	25
		108	-0.017	25
		109	-0.010	25
		110	-0.008	35
		111	-0.007	30
		112	-0.001	20
		113	-0.002	35
		114	-0.150	20
		115	-0.008	30
		116	-0.002	40
		117	-0.013	40

TABLE 2
Summa Canister Log
March 30, 2017
Sub-Slab Vapor & IDA Quality
203 Eggert Road
Cheektowaga, New York

Sample ID	Canister ID	Regulator ID	Initial Vacuum	Final Vacuum	Start Time	Stop Time	Notes
IDA-033017-1	511	250	-29.12	-8.76	8:37	4:14	
IDA-033017-2	391	46	-28.01	-6.85	8:40	4:11	
IDA-033017-3	105	144	-29.15	-8.33	8:45	4:22	
IDA-033017-4	539	172	-28.68	-7.29	8:17	8:53	
IDA-033017-5	403	766	-29.36	-6.96	8:51	4:24	
IDA-033017-6	186	915	-29.83	-9.2	8:19	3:59	
IDA-033017-7	323	699	-28.71	-15.34	8:52	4:25	
IDA-033017-8	364	294	-29.38	-6.68	8:25	4:06	
IDA-033017-9	544	811	-29.69	-10.26	9:06	4:28	
IDA-033017-10	332	370	-29.71	-5.38	8:54	4:28	
IDA-033017-11	551	848	-19.82	-5.35	8:47	3:57	
ODA-033017-1	536	795	-31.38	-9.4	9:02	4:45	
SSV-033017-1	547	809	-29.73	-6.52	8:24	4:05	
SSV-033017-2	375	589	-29.9	-6.27	8:18	3:52	
SSV-033017-3	338	203	-29.2	-10.44	8:16	3:52	
SSV-033017-4	414	237	-29.91	-10.46	8:36	4:13	
SSV-033017-5	459	292	-27.6	-7.27	8:39	4:09	

TABLE 3

Post SSDS Installation
Indoor Air Analytical Summary
203 Eggert Road
Cheektowaga, New York

SAMPLE ID	NYSDOH	IDA-033017-1	IDA-033017-2	IDA-033017-3	IDA-033017-4	IDA-033017-5
SAMPLING DATE	Soil Vapor/Indoor Air Matrix	3/30/2017	3/30/2017	3/30/2017	3/30/2017	3/30/2017
BUILDING LOCATION	Mitigation Guidance Values	Office	Office	North Building	North Building	Center Building
UNITS	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)
Volatile Organic Compounds USEPA TO-15						
Dichlorodifluoromethane	NS	1.84	1.95	0.989 U	1.78	1.75
Chloromethane	NS	1.06	1.18	1.06	0.987	1.05
Freon-114	NS	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Vinyl chloride	0.2(3)	-	-	-	-	-
1,3-Butadiene	NS	0.442 U	0.442 U	0.454	0.982	2.32
Bromomethane	NS	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U
Chloroethane	NS	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U
Ethanol	NS	54.6	74.4	9.42 U	10.3	9.42 U
Vinyl bromide	NS	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U
Acetone	NS	23.6	10	2.38 U	2.38 U	2.38 U
Trichlorofluoromethane	NS	1.12 U	1.12 U	1.12 U	1.12 U	1.12 U
Isopropanol	NS	14	2.14	1.23 U	1.76	1.25
1,1-Dichloroethene	1(1)	-	-	-	-	-
Tertiary butyl Alcohol	NS	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U
Methylene chloride	10(2)	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U
3-Chloropropene	NS	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U
Carbon disulfide	NS	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U
Freon-113	NS	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U
trans-1,2-Dichloroethene	NS	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
1,1-Dichloroethane	NS	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
Methyl tert butyl ether	NS	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
2-Butanone	NS	3.51	1.47 U	2.31	4.04	3.45
cis-1,2-Dichloroethene	1(1)	-	-	-	-	-
Ethyl Acetate	NS	1.8 U	1.8 U	2.05	3.21	2.33
Chloroform	NS	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U
Tetrahydrofuran	NS	1.47 U	1.47 U	1.47 U	1.47 U	1.47 U
1,2-Dichloroethane	NS	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
n-Hexane	NS	0.705U	0.705 U	0.751	0.705 U	0.726
1,1,1-Trichloroethane	10(2)	-	-	-	-	-
Benzene	NS	0.789	0.639 U	1.12	1.33	2.1
Carbon tetrachloride	1(1)	-	-	-	-	-
Cyclohexane	NS	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U
1,2-Dichloropropane	NS	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U
Bromodichloromethane	NS	1.34U	1.34 U	1.34 U	1.34 U	1.34 U
1,4-Dioxane	NS	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
Trichloroethene	1(1)	-	-	-	-	-
2,2,4-Trimethylpentane	NS	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U
Heptane	NS	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
cis-1,3-Dichloropropene	NS	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U
4-Methyl-2-pentanone	NS	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U
trans-1,3-Dichloropropene	NS	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U
1,1,2-Trichloroethane	NS	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U
Toluene	NS	14.9	0.957	12.1	18.5	17.1
2-Hexanone	NS	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
Dibromochloromethane	NS	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
1,2-Dibromoethane	NS	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U
Tetrachloroethene	10(2)	-	-	-	-	-
Chlorobenzene	NS	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U
Ethylbenzene	NS	4.82	0.869 U	1.93	5.43	4.56
p/m-Xylene	NS	15.3	1.74 U	5.39	15.8	12.3
Bromoform	NS	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U
Styrene	NS	4.3	0.852 U	2.05	5.75	4.51
1,1,2,2-Tetrachloroethane	NS	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U
o-Xylene	NS	5.26	0.869 U	1.87	5.47	4.39
4-Ethyltoluene	NS	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
1,3,5-Trimethylbenzene	NS	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
1,2,4-Trimethylbenzene	NS	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
Benzyl chloride	NS	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U
1,3-Dichlorobenzene	NS	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	NS	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichlorobenzene	NS	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2,4-Trichlorobenzene	NS	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U
Hexachlorobutadiene	NS	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U
NYSDOH Compounds of Concern						
Methylene chloride	10(2)	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U
Vinyl chloride	0.2(3)	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
1,1-Dichloroethene	1(1)	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U
cis-1,2-Dichloroethene	1(1)	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U
1,1,1-Trichloroethane	10(2)	0.109 U	0.109 U	0.109 U	0.109 U	0.109 U
Carbon tetrachloride	1(1)	0.126 U	0.421	0.736	0.629	0.478
Trichloroethene	1(1)	0.199	0.129	0.107 U	0.833	0.161
Tetrachloroethene	10(2)	0.136	0.136 U	0.136 U	0.136 U	0.136 U

Notes:

NYSDOH Referenced Sub-Slab Guidelines Herein Represents the Minimum Sub-Slab Vapor Concentrations Requiring Mitigation, Regardless of Indoor Air Concentrations.

Bold = Concentration is above Matrix A, Matrix B or Matrix C NYSDOH Soil Vapor/Indoor Air Guidelines Values for Mitigation.

NS = No NYSDOH Standard.

U = Analyte was analyzed for but not detected above the reporting limit.

E = Concentration of analyte is above the range of the calibration curve and/or the linear range of the instrument.

ug/m3 = micrograms per cubic meter

1. Denotes Soil Vapor/Indoor Air Matrix A.
2. Denotes Soil Vapor/Indoor Air Matrix B.
3. Denotes Soil Vapor/Indoor Air Matrix C.

TABLE 3 (Con't)

Post SSDS Installation
Indoor Air Analytical Summary
203 Eggert Road
Cheektowaga, New York

SAMPLE ID	NYSDOH	IDA-033017-6	IDA-033017-7	IDA-033017-8	IDA-033017-9	IDA-033017-10	IDA-033017-11	ODA-033017-1
SAMPLING DATE	Soil Vapor/Indoor Air Matrix	3/30/2017	3/30/2017	3/30/2017	3/30/2017	3/30/2017	3/30/2017	3/30/2017
BUILDING LOCATION	Mitigation Guidance Values	Center Building	South Building	South Building	South Building	South Building	South Building	Outdoor Air
UNITS	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)
Volatile Organic Compounds USEPA TO-15								
Dichlorodifluoromethane	NS	1.46	1.6	1.56	1.65	1.65	1.5	1.87
Chloromethane	NS	1.09	1.12	1.1	1.03	0.985	1.17	1
Freon-114	NS	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Vinyl chloride	0.2(3)	-	-	-	-	-	-	-
1,3-Butadiene	NS	1.38	1.82	0.743	1.42	1.11	1.03	0.442 U
Bromomethane	NS	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U	0.777 U
Chloroethane	NS	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U	0.528 U
Ethanol	NS	9.42 U	9.42 U	9.42 U	9.52	9.42 U	13.7	9.42 U
Vinyl bromide	NS	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U	0.874 U
Acetone	NS	2.38 U	2.38 U	2.38 U	2.38 U	2.38 U	2.38 U	4.58
Trichlorofluoromethane	NS	1.12 U	1.12 U	1.12 U	1.12 U	1.12 U	1.12 U	1.12 U
Isopropanol	NS	1.29	1.23 U	1.23 U	1.4	1.23 U	1.74	1.23 U
1,1-Dichloroethene	1(1)	-	-	-	-	-	-	-
Tertiary butyl Alcohol	NS	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U	1.52 U
Methylene chloride	10(2)	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U
3-Chloropropene	NS	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U	0.626 U
Carbon disulfide	NS	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U	0.623 U
Freon-113	NS	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U	1.53 U
trans-1,2-Dichloroethene	NS	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U	0.793 U
1,1-Dichloroethane	NS	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
Methyl tert butyl ether	NS	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
2-Butanone	NS	5.4	1.96	2.59	3.19	1.99	5.31	1.47 U
cis-1,2-Dichloroethene	1(1)	-	-	-	-	-	-	-
Ethyl Acetate	NS	2.22	1.8 U	1.8 U	3.75	1.8 U	3.06	1.8 U
Chloroform	NS	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U	0.977 U
Tetrahydrofuran	NS	1.47 U	1.47 U	1.47 U	1.47 U	1.47 U	1.47 U	1.47 U
1,2-Dichloroethane	NS	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U	0.809 U
n-Hexane	NS	1.17	0.705 U	0.705 U	0.705 U	1.04	0.705 U	0.705 U
1,1,1-Trichloroethane	10(2)	-	-	-	-	-	-	-
Benzene	NS	1.57	1.51	1.13	1.5	1.28	1.19	0.639 U
Carbon tetrachloride	1(1)	-	-	-	-	-	-	-
Cyclohexane	NS	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U	0.688 U
1,2-Dichloropropane	NS	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U	0.924 U
Bromodichloromethane	NS	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U
1,4-Dioxane	NS	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U	0.721 U
Trichloroethene	1(1)	-	-	-	-	-	-	-
2,2,4-Trimethylpentane	NS	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U	0.934 U
Heptane	NS	0.82 U	0.82	0.82	0.82 U	0.82 U	0.82 U	0.82 U
cis-1,3-Dichloropropene	NS	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U
4-Methyl-2-pentanone	NS	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U	2.05 U
trans-1,3-Dichloropropene	NS	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U	0.908 U
1,1,2-Trichloroethane	NS	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U	1.09 U
Toluene	NS	21.1	13	19	22.9	12.2	29.2	0.754 U
2-Hexanone	NS	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
Dibromochloromethane	NS	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U
1,2-Dibromoethane	NS	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U	1.54 U
Tetrachloroethene	10(2)	-	-	-	-	-	-	-
Chlorobenzene	NS	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U	0.921 U
Ethylbenzene	NS	4.47	2.94	5.34	6.04	2.21	6.3	0.869 U
p/m-Xylene	NS	11	7.43	15	17.1	5.82	17.2	1.74 U
Bromoform	NS	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U	2.07 U
Styrene	NS	6.05	3.98	8.13	8.9	2.12	10.2	0.852 U
1,1,2,2-Tetrachloroethane	NS	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U	1.37 U
o-Xylene	NS	3.87	2.49	5.04	5.91	2.05	5.43	0.869 U
4-Ethyltoluene	NS	0.983	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
1,3,5-Trimethylbenzene	NS	0.983	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
1,2,4-Trimethylbenzene	NS	0.983	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U	0.983 U
Benzyl chloride	NS	1.04	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U	1.04 U
1,3-Dichlorobenzene	NS	1.2	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	NS	1.2	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichlorobenzene	NS	1.2	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
1,2,4-Trichlorobenzene	NS	1.48	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U
Hexachlorobutadiene	NS	2.13	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U	2.13 U
NYSDOH Compounds of Concern								
Methylene chloride	10(2)	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U	1.74 U
Vinyl chloride	0.2(3)	0.051	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U	0.051 U
1,1-Dichloroethene	1(1)	0.079	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U
cis-1,2-Dichloroethene	1(1)	0.079	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U	0.079 U
1,1,1-Trichloroethane	10(2)	0.109	0.109 U	0.109 U	0.109 U	0.109 U	0.109 U	0.109 U
Carbon tetrachloride	1(1)	0.717	0.503	0.447	0.547	0.434	0.516	0.428
Trichloroethene	1(1)	0.22	0.107 U	0.215	0.134	0.107 U	0.129	0.107 U
Tetrachloroethene	10(2)	0.136	0.136 U	0.346	0.136 U	0.136 U	0.136 U	0.136 U

Notes:

NYSDOH Referenced Sub-Slab Guidelines Herein Represents the Minimum Sub-Slab Vapor Concentrations Requiring Mitigation, Regardless of Indoor Air Concentrations.

Bold = Concentration is above Matrix A, Matrix B or Matrix C NYSDOH Soil Vapor/Indoor Air Guidelines Values for Mitigation.

NS = No NYSDOH Standard.

U = Analyte was analyzed for but not detected above the reporting limit.

E = Concentration of analyte is above the range of the calibration curve and/or the linear range of the instrument.

ug/m3 = micrograms per cubic meter

1. Denotes Soil Vapor/Indoor Air Matrix A.
2. Denotes Soil Vapor/Indoor Air Matrix B.
3. Denotes Soil Vapor/Indoor Air Matrix C.

TABLE 4
Post SSDS Installation
Sub-Slab Soil Vapor Analytical Summary
203 Eggert Road
Cheektowaga, New York

SAMPLE ID	NYSDOH	SSV-033017-1	SSV-033017-2	SSV-033017-3	SSV-033017-4	SSV-033017-5
SAMPLING DATE	Soil Vapor/Indoor Air Matrix	3/30/2017	3/30/2017	3/30/2017	3/30/2017	3/30/2017
BUILDING LOCATION	Mitigation Guidance Values	South Building	Center Building	North Building	Office	Office
UNITS	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)	(ug/m^3)
Volatile Organic Compounds USEPA TO-15						
Dichlorodifluoromethane	NS	2.43	3.3 U	9.89 U	1.43	1.52
Chloromethane	NS	0.826 U	1.38 U	4.13 U	0.57	0.413 U
Freon-114	NS	2.8 U	4.66 U	14 U	1.4 U	1.4 U
Vinyl chloride	60[(3)]	1.02 U	1.71 U	5.11 U	0.511 U	0.511 U
1,3-Butadiene	NS	1.19	2.05	4.42 U	0.442 U	0.442 U
Bromomethane	NS	1.55 U	2.59 U	7.77 U	0.777 U	0.777 U
Chloroethane	NS	1.06 U	2.22	5.28 U	12.5	18.2
Ethanol	NS	18.8 U	67.8	94.2 U	9.42 U	9.42 U
Vinyl bromide	NS	1.75 U	2.92 U	8.74 U	0.874 U	0.874 U
Acetone	NS	4.75 U	7.91 U	23.8 U	2.38 U	2.38 U
Trichlorofluoromethane	NS	2.25 U	3.75 U	11.2 U	1.22	1.19
Isopropanol	NS	2.46 U	4.1 U	12.3 U	1.23 U	1.23 U
1,1-Dichloroethene	60[(1)]	1.59 U	2.64 U	7.93 U	0.793 U	0.793 U
Tertiary butyl Alcohol	NS	3.03 U	5.06 U	15.2 U	2.9	3.3
Methylene chloride	1000[(2)]	3.47 U	5.8 U	17.4 U	1.74 U	1.74 U
3-Chloropropene	NS	1.25 U	2.09 U	6.26 U	0.626 U	0.626 U
Carbon disulfide	NS	1.25 U	2.08 U	6.23 U	0.788	0.623 U
Freon-113	NS	3.07 U	5.11 U	15.3 U	1.53 U	1.53 U
trans-1,2-Dichloroethene	NS	65.8	4.36	22.8	0.793 U	0.793 U
1,1-Dichloroethane	NS	1.62 U	2.7 U	8.09 U	0.809 U	0.809 U
Methyl tert butyl ether	NS	1.44 U	2.4 U	7.21 U	0.721 U	0.721 U
2-Butanone	NS	2.95 U	5.4	14.7 U	1.9	1.47 U
cis-1,2-Dichloroethene	60[(1)]	2.03	3.79	7.93 U	0.793 U	0.793 U
Ethyl Acetate	NS	3.6 U	6.02 U	18 U	1.8 U	1.8 U
Chloroform	NS	1.95 U	5.32	9.77 U	0.977 U	0.977 U
Tetrahydrofuran	NS	2.95 U	4.93 U	14.7 U	2.02	1.47 U
1,2-Dichloroethane	NS	1.62 U	2.7 U	8.09 U	2.52	1.06
n-Hexane	NS	1.41 U	2.55	7.05 U	0.705 U	2.57
1,1,1-Trichloroethane	1000[(2)]	2.18 U	3.64 U	10.9 U	1.09 U	1.09 U
Benzene	NS	1.28 U	2.13 U	6.39 U	0.824	2.19
Carbon tetrachloride	60[(1)]	2.52 U	4.2 U	12.6 U	1.26 U	1.26 U
Cyclohexane	NS	1.38 U	4.37	6.88 U	0.688 U	2.04
1,2-Dichloropropane	NS	1.85 U	3.08 U	9.24 U	0.924 U	0.924 U
Bromodichloromethane	NS	2.68 U	4.47 U	13.4 U	1.34 U	1.34 U
1,4-Dioxane	NS	1.44 U	2.4 U	7.21 U	0.721 U	0.721 U
Trichloroethene	60[(1)]	**452**	**1240**	**6560**	2.23	**88.7**
2,2,4-Trimethylpentane	NS	1.87 U	3.12 U	9.34 U	0.934 U	0.934 U
Heptane	NS	1.64 U	2.73 U	8.2 U	0.82	1.3
cis-1,3-Dichloropropene	NS	1.82 U	3.03 U	9.08 U	0.908 U	0.908 U
4-Methyl-2-pentanone	NS	4.1 U	6.84 U	20.5 U	2.05 U	2.05 U
trans-1,3-Dichloropropene	NS	1.82 U	3.03 U	9.08 U	0.908 U	0.908 U
1,1,2-Trichloroethane	NS	2.18 U	3.64 U	10.9 U	1.09 U	1.09 U
Toluene	NS	6.44	9.69	7.54 U	7.69	3.81
2-Hexanone	NS	1.64 U	2.73 U	8.2 U	0.82 U	0.82 U
Dibromochloromethane	NS	3.41 U	5.68 U	17 U	1.7 U	1.7 U
1,2-Dibromoethane	NS	3.07 U	5.13 U	15.4 U	1.54 U	1.54 U
Tetrachloroethene	1000[(2)]	2.71 U	4.52 U	13.6 U	1.36 U	1.36 U
Chlorobenzene	NS	1.84 U	3.07 U	9.21 U	0.921 U	0.921 U
Ethylbenzene	NS	2.69	2.9 U	8.69 U	1.15	0.869 U
p/m-Xylene	NS	8.86	5.78 U	17.4 U	3.72	1.74 U
Bromoform	NS	4.14 U	6.9 U	20.7 U	2.07 U	2.07 U
Styrene	NS	5.41	2.84 U	8.52 U	0.852 U	0.852 U
1,1,2,2-Tetrachloroethane	NS	2.75 U	4.58 U	13.7 U	1.37 U	1.37 U
o-Xylene	NS	3.37	2.9 U	8.69 U	1.45	0.869 U
4-Ethyltoluene	NS	1.97 U	3.28 U	9.83 U	0.983 U	0.983 U
1,3,5-Trimethylbenzene	NS	1.97 U	3.28 U	9.83 U	0.983 U	0.983 U
1,2,4-Trimethylbenzene	NS	1.97 U	3.28 U	9.83 U	0.983 U	1.36
Benzyl chloride	NS	2.07 U	3.45 U	10.4 U	1.04 U	1.04 U
1,3-Dichlorobenzene	NS	2.4 U	4.01 U	12 U	1.2 U	1.2 U
1,4-Dichlorobenzene	NS	2.4 U	4.01 U	12 U	1.2 U	1.2 U
1,2-Dichlorobenzene	NS	2.4 U	4.01 U	12 U	1.2 U	1.2 U
1,2,4-Trichlorobenzene	NS	2.97 U	4.95 U	14.8 U	1.48 U	1.48 U
Hexachlorobutadiene	NS	4.27 U	7.11 U	21.3 U	2.13 U	2.13 U

Notes:

NYSDOH Referenced Sub-Slab Guidelines Herein Represents the Minimum Sub-Slab Vapor Concentrations Requiring Mitigation, Regardless of Indoor Air Concentrations.

Bold = Concentration is above Matrix 1 / Matrix A or Matrix 2 / Matrix B NYSDOH Soil Vapor/Indoor Air Guidelines Values for Mitigation.

NS = No NYSDOH Standard.

U = Analyte was analyzed for but not detected above the reporting limit.

E = Concentration of analyte is above the range of the calibration curve and/or the linear range of the instrument.

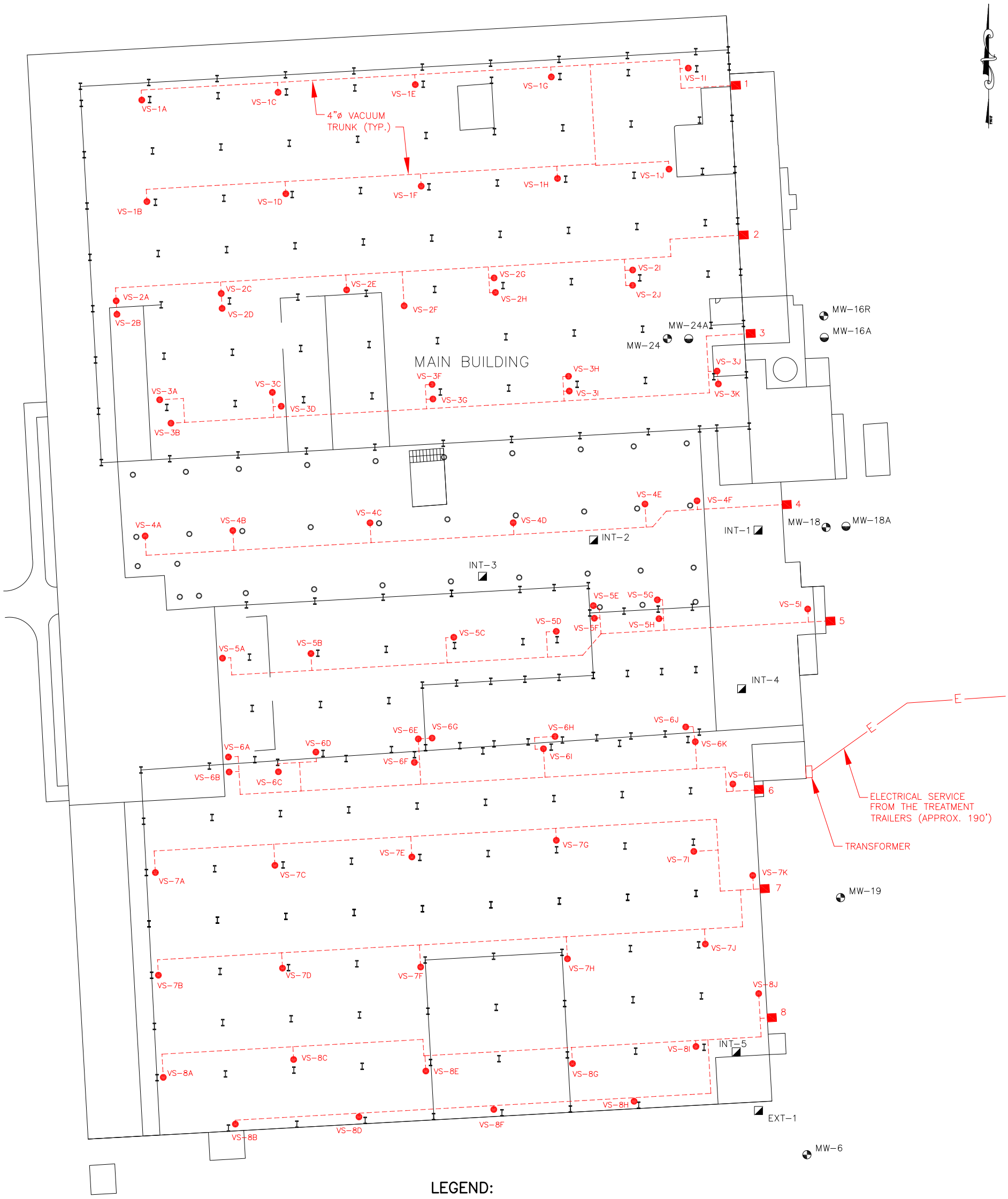
ug/m3 = micrograms per cubic meter

1. Denotes Soil Vapor/Indoor Air Matrix A.
2. Denotes Soil Vapor/Indoor Air Matrix B.
3. Denotes Soil Vapor/Indoor Air Matrix C.

FIGURES

Sub-Slab Depressurization System As-Built Report
203 Eggert Road
Cheektowaga, New York

June 2017



LEGEND:

- COLUMN
- MW-6 — OVERBURDEN MONITORING WELL
- MW-6A — BEDROCK MONITORING WELL
- INT-5 — PREVIOUS DIRECT PUSH GROUNDWATER SAMPLE LOCATION
- 8 — EXTERIOR MOUNTED RADIAL FAN
- VS-6J — VACUUM SUMP

NOTES:

1. BASE MAP MODIFIED FROM FILE PROVIDED BY ENERGY SOLUTIONS.
2. ALL LOCATIONS ARE APPROXIMATE.

0 60' 120'

GRAPHIC SCALE

P: BL
X: DANA06X01.DWG
6/6/17
SYNAPSE/WIP/DANA 06-14/DANA0614B09AB.DWG (SSDS PLAN)

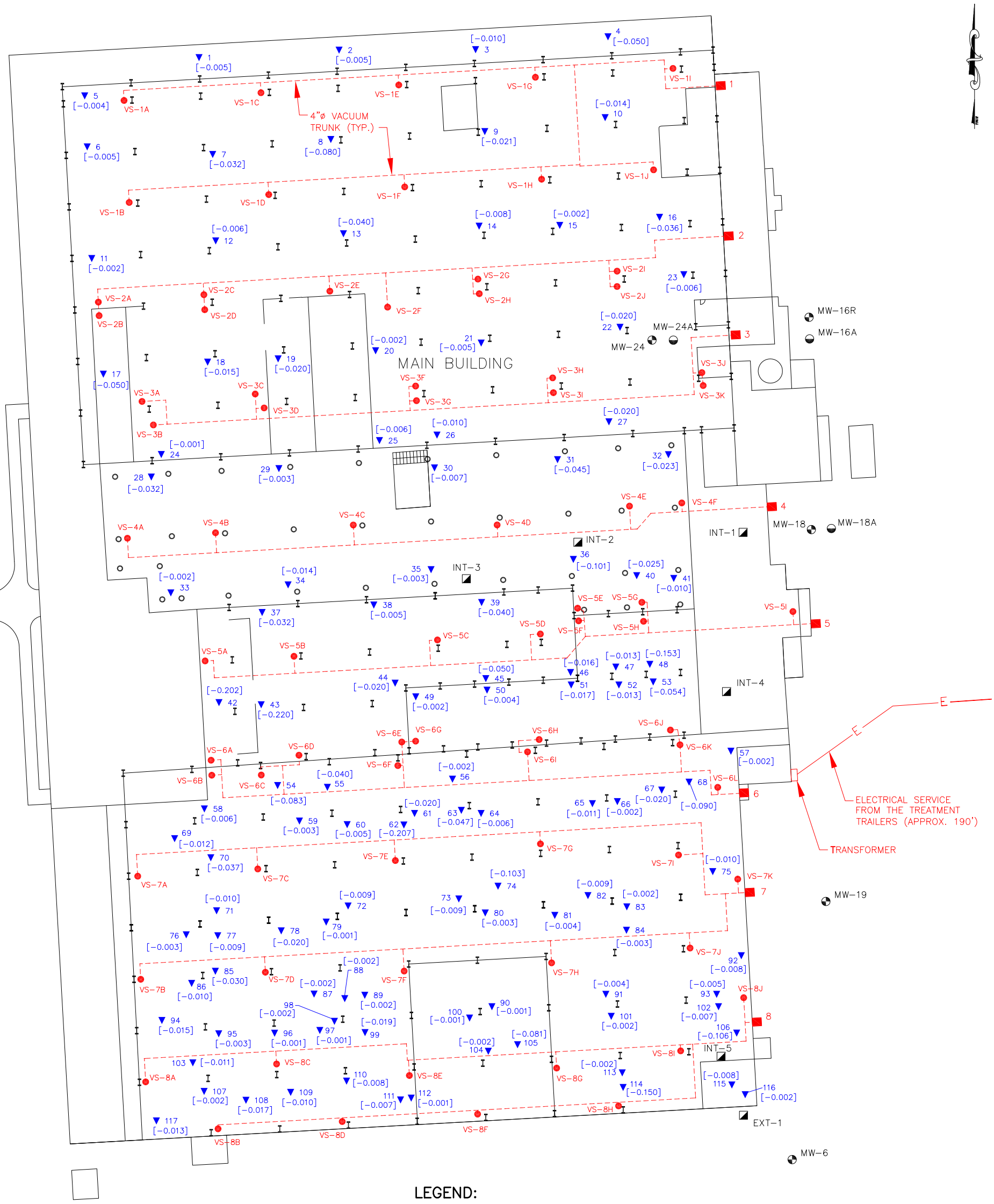
synapse
connect. advise. insure.
SYNAPSE PROPERTY RESOURCES
360 ERIE BLVD. EAST
SYRACUSE, NEW YORK 13202

SSDS AS-BUILT REPORT

FORMER LEICA MICROSYSTEMS INC.
203 EGGERT ROAD
CHEEKTOWAGA, NEW YORK

SSDS INSTALLATION LAYOUT PLAN

PROJECT NO.: DANA 06-15-05
DATE: JUNE 2017
FIGURE NO.: 1



LEGEND:

- ○ I — COLUMN
- MW-6 — OVERBURDEN MONITORING WELL
- MW-6A — BEDROCK MONITORING WELL
- INT-5 — PREVIOUS DIRECT PUSH GROUNDWATER SAMPLE LOCATION
- 8 — EXTERIOR MOUNTED RADIAL FAN
- VS-6J — VACUUM SUMP
- 36 — PRESSURE DIFFERENTIAL TEST LOCATION
- [-0.101] — PRESSURE DIFFERENTIAL MEASUREMENT (INCHES W. C.)

NOTES:

1. BASE MAP MODIFIED FROM FILE PROVIDED BY ENERGY SOLUTIONS.
2. ALL LOCATIONS ARE APPROXIMATE.

0 60' 120'

GRAPHIC SCALE

P: BL
X: DANA06X01.DWG
6/6/17
SYNAPSE/WIP/DANA 06-14/DANA0614B09AB.DWG (DIAGNOSTIC)

synapse
connect. advise. insure.

SYNAPSE PROPERTY RESOURCES
360 ERIE BLVD. EAST
SYRACUSE, NEW YORK 13202

SSDS AS-BUILT REPORT

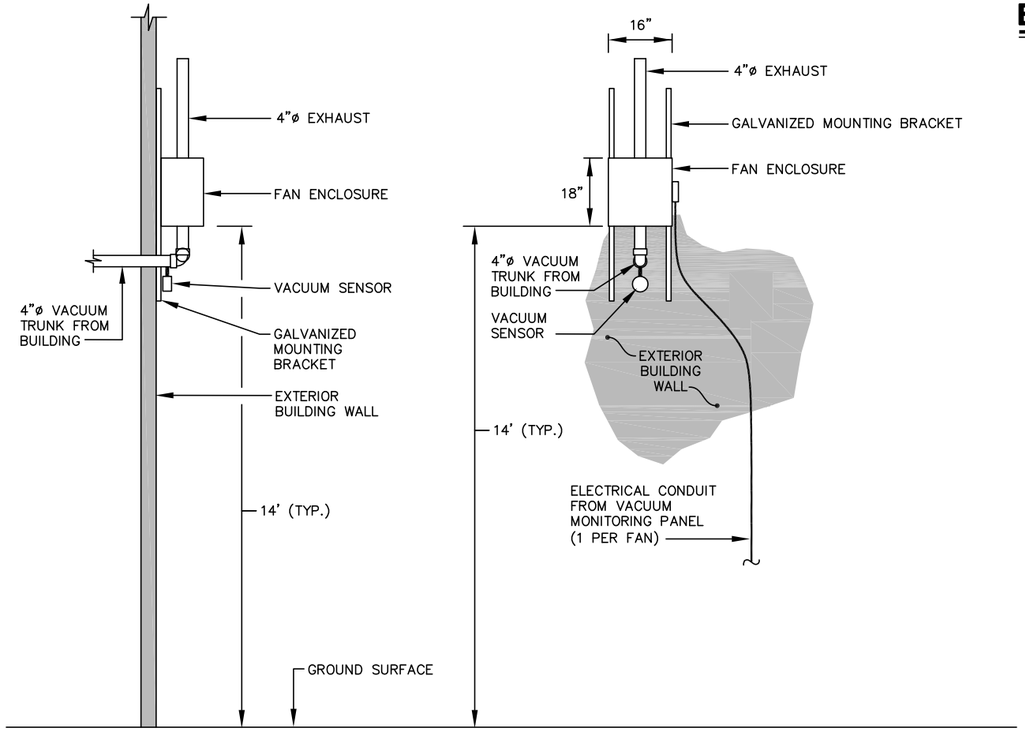
FORMER LEICA MICROSYSTEMS INC.
203 EGGERT ROAD
CHEEKTOWAGA, NEW YORK

SUB-SLAB DIAGNOSTIC TEST LOCATION PLAN

PROJECT NO.: DANA 06-15-05
DATE: JUNE 2017
FIGURE NO.: 2

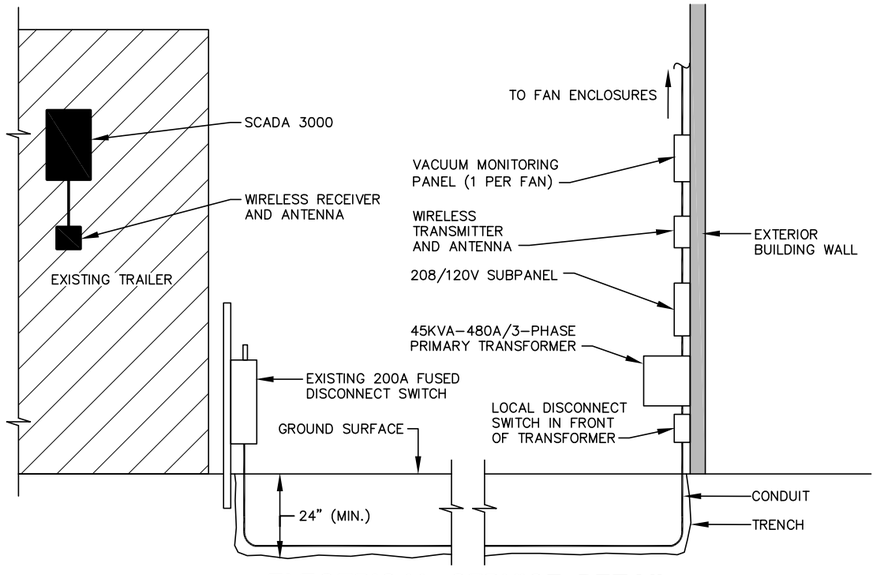
BUILDING PROFILE

NOT TO SCALE



TYPICAL FAN WALL MOUNTING DETAIL

NOT TO SCALE



ELECTRICAL SERVICE DETAIL

NOT TO SCALE

P: BL
6/6/17
SYNAPSE/WIP/DANA 06-14/DANA0614B09AB.DWG (PROFILE)

synapse
connect. advise. insure.

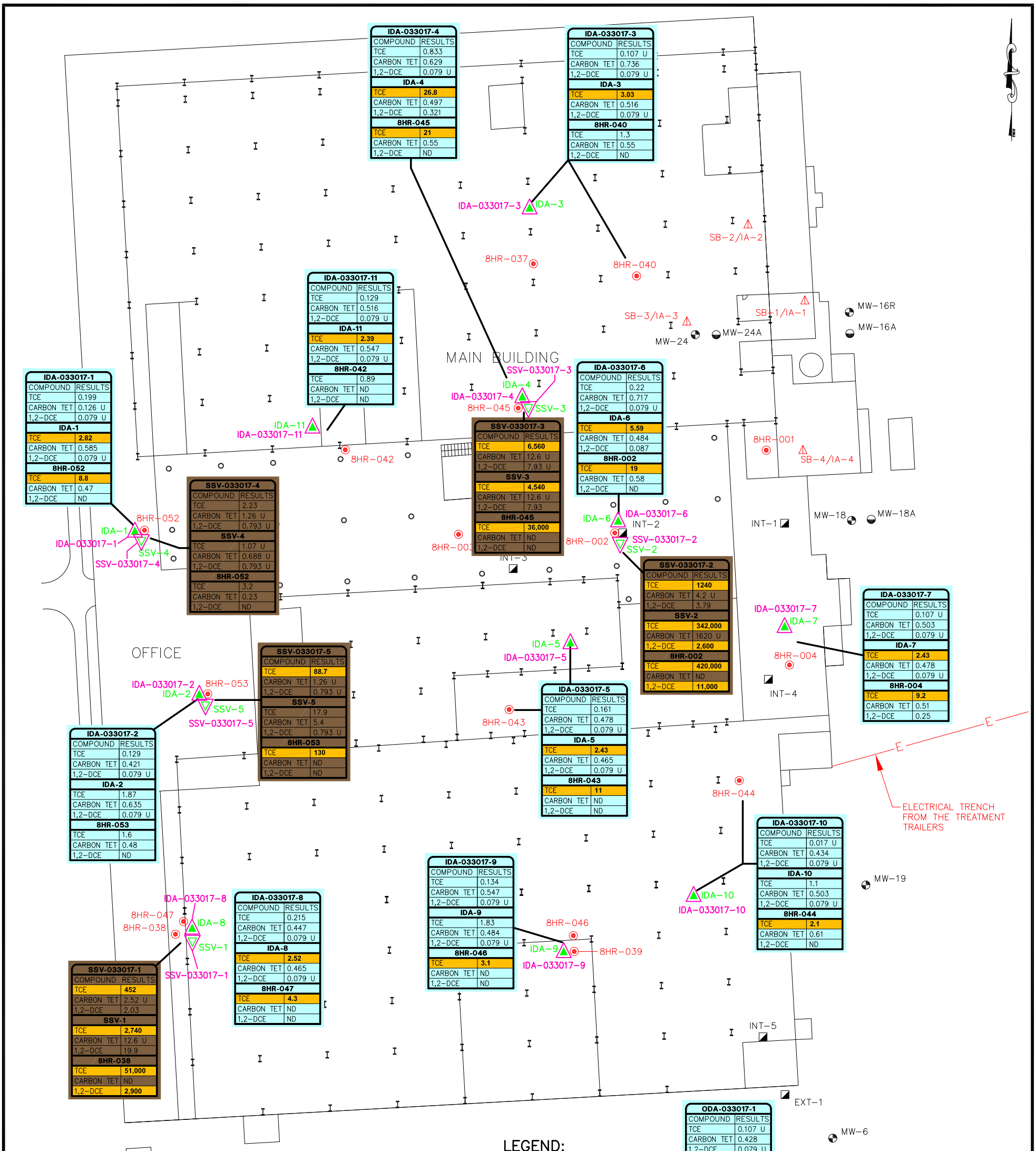
SYNAPSE PROPERTY RESOURCES
360 ERIE BLVD. EAST
SYRACUSE, NEW YORK 13202

SSDS AS-BUILT REPORT

FORMER LEICA MICROSYSTEMS INC.
203 EGGERT ROAD
CHEEKTOWAGA, NEW YORK

BUILDING PROFILE AND MISCELLANEOUS DETAILS

PROJECT NO.: DANA 06-15-05
DATE: JUNE 2017
FIGURE NO.: 3


IDA-033017-4
COMPOUND | RESULTS
TCE | 0.833
CARBON TET | 0.629
1,2-DCE | 0.079 U
IDA-4
TCE | 26.8
CARBON TET | 0.497
1,2-DCE | 0.321
8HR-045
TCE | 21
CARBON TET | 0.55
1,2-DCE | ND
IDA-033017-3
COMPOUND | RESULTS
TCE | 0.107 U
CARBON TET | 0.736
1,2-DCE | 0.079 U
IDA-3
TCE | 3.03
CARBON TET | 0.516
1,2-DCE | 0.079 U
8HR-040
TCE | 1.3
CARBON TET | 0.55
1,2-DCE | ND
IDA-033017-3
IDA-3
8HR-037
8HR-040
SB-2/IA-2
SB-3/IA-3
SB-1/IA-1
MW-24
MW-24A
MW-16R
MW-16A
MAIN BUILDING
IDA-033017-11
COMPOUND | RESULTS
TCE | 0.129
CARBON TET | 0.516
1,2-DCE | 0.079 U
IDA-11
TCE | 2.39
CARBON TET | 0.547
1,2-DCE | 0.079 U
8HR-042
TCE | 0.89
CARBON TET | ND
1,2-DCE | ND
IDA-11
IDA-033017-11
8HR-042
SSV-033017-3
IDA-4
IDA-033017-4
8HR-045
SSV-3
IDA-033017-6
COMPOUND | RESULTS
TCE | 0.22
CARBON TET | 0.717
1,2-DCE | 0.079 U
IDA-6
TCE | 5.59
CARBON TET | 0.484
1,2-DCE | 0.087
8HR-002
TCE | 19
CARBON TET | 0.58
1,2-DCE | ND
8HR-001
SB-4/IA-4
IDA-033017-1
COMPOUND | RESULTS
TCE | 0.199
CARBON TET | 0.126 U
1,2-DCE | 0.079 U
IDA-1
TCE | 2.82
CARBON TET | 0.585
1,2-DCE | 0.079 U
8HR-052
TCE | 8.8
CARBON TET | 0.47
1,2-DCE | ND
SSV-033017-4
COMPOUND | RESULTS
TCE | 2.23
CARBON TET | 1.26 U
1,2-DCE | 0.793 U
SSV-4
TCE | 1.07 U
CARBON TET | 0.688 U
1,2-DCE | 0.793 U
8HR-052
TCE | 3.2
CARBON TET | 0.23
1,2-DCE | ND
8HR-052
IDA-1
IDA-033017-1
SSV-4
SSV-033017-4
INT-1
INT-2
INT-3
MW-18
MW-18A
IDA-6
IDA-033017-6
8HR-002
SSV-033017-2
SSV-2
SSV-033017-2
COMPOUND | RESULTS
TCE | 1240
CARBON TET | 4.2 U
1,2-DCE | 3.79
SSV-2
TCE | 342,000
CARBON TET | 1620 U
1,2-DCE | 2,600
8HR-002
TCE | 420,000
CARBON TET | ND
1,2-DCE | 11,000
IDA-033017-7
COMPOUND | RESULTS
TCE | 0.107 U
CARBON TET | 0.503
1,2-DCE | 0.079 U
IDA-7
TCE | 2.43
CARBON TET | 0.478
1,2-DCE | 0.079 U
8HR-004
TCE | 9.2
CARBON TET | 0.51
1,2-DCE | 0.25
IDA-033017-7
IDA-7
8HR-004
INT-4
OFFICE
SSV-033017-5
COMPOUND | RESULTS
TCE | 88.7
CARBON TET | 1.26 U
1,2-DCE | 0.793 U
SSV-5
TCE | 17.9
CARBON TET | 5.4
1,2-DCE | 0.793 U
8HR-053
TCE | 130
CARBON TET | ND
1,2-DCE | ND
IDA-033017-5
IDA-5
IDA-033017-5
8HR-043
IDA-033017-5
COMPOUND | RESULTS
TCE | 0.161
CARBON TET | 0.478
1,2-DCE | 0.079 U
IDA-5
TCE | 2.43
CARBON TET | 0.465
1,2-DCE | 0.079 U
8HR-043
TCE | 11
CARBON TET | ND
1,2-DCE | ND
8HR-044
ELECTRICAL TRENCH FROM THE TREATMENT TRAILERS
IDA-033017-2
COMPOUND | RESULTS
TCE | 0.129
CARBON TET | 0.421
1,2-DCE | 0.079 U
IDA-2
TCE | 1.87
CARBON TET | 0.635
1,2-DCE | 0.079 U
8HR-053
TCE | 1.6
CARBON TET | 0.48
1,2-DCE | ND
IDA-033017-2
IDA-2
8HR-053
SSV-5
SSV-033017-5
IDA-033017-9
COMPOUND | RESULTS
TCE | 0.134
CARBON TET | 0.547
1,2-DCE | 0.079 U
IDA-9
TCE | 1.83
CARBON TET | 0.484
1,2-DCE | 0.079 U
8HR-046
TCE | 3.1
CARBON TET | ND
1,2-DCE | ND
IDA-033017-10
COMPOUND | RESULTS
TCE | 0.017 U
CARBON TET | 0.434
1,2-DCE | 0.079 U
IDA-10
TCE | 1.1
CARBON TET | 0.503
1,2-DCE | 0.079 U
8HR-044
TCE | 2.1
CARBON TET | 0.61
1,2-DCE | ND
IDA-033017-10
IDA-10
MW-19
IDA-033017-8
COMPOUND | RESULTS
TCE | 0.215
CARBON TET | 0.447
1,2-DCE | 0.079 U
IDA-8
TCE | 2.52
CARBON TET | 0.465
1,2-DCE | 0.079 U
8HR-047
TCE | 4.3
CARBON TET | ND
1,2-DCE | ND
IDA-033017-8
8HR-047
8HR-038
IDA-8
SSV-1
SSV-033017-1
8HR-046
IDA-9
8HR-039
IDA-033017-9
SSV-033017-1
COMPOUND | RESULTS
TCE | 452
CARBON TET | 2.52 U
1,2-DCE | 2.03
SSV-1
TCE | 2,740
CARBON TET | 12.6 U
1,2-DCE | 19.9
8HR-038
TCE | 51,000
CARBON TET | ND
1,2-DCE | 2,900
INT-5
EXT-1
ODA-033017-1
COMPOUND | RESULTS
TCE | 0.107 U
CARBON TET | 0.428
1,2-DCE | 0.079 U
ODA-033017-1 (OUTDOOR)
MW-6
MW-6A
IDA-033017-
COMPOUND | RESULTS
TCE | ND
CARBON TET | ND
1,2-DCE | ND
IDA-
TCE | ND
CARBON TET | ND
1,2-DCE | ND
8HR-
TCE | ND
CARBON TET | ND
1,2-DCE | ND
SSV-033017-
COMPOUND | RESULTS
TCE | ND
CARBON TET | ND
1,2-DCE | ND
SSV-
TCE | ND
CARBON TET | ND
1,2-DCE | ND
8HR-
TCE | ND
CARBON TET | ND
1,2-DCE | ND
INDOOR AIR ANALYTICAL RESULTS IN MICROGRAMS PER CUBIC METER (ug/m3)
SAMPLE ID (COLLECTED BY SYNAPSE 2017)
NYSDOH STD.
TRICHLOROETHENE 1
CARBON TETRACHLORIDE 1
1,2-DICHLOROETHENE 1
SAMPLE ID (COLLECTED BY SYNAPSE 2016)
TRICHLOROETHENE
CARBON TETRACHLORIDE
1,2-DICHLOROETHENE
SAMPLE ID (COLLECTED BY OTHERS)
TRICHLOROETHENE
CARBON TETRACHLORIDE
1,2-DICHLOROETHENE
SUBSLAB VAPOR ANALYTICAL RESULTS IN MICROGRAMS PER CUBIC METER (ug/m3)
SAMPLE ID (COLLECTED BY SYNAPSE 2017)
NYSDOH STD.
TRICHLOROETHENE 60
CARBON TETRACHLORIDE 60
1,2-DICHLOROETHENE 60
SAMPLE ID (COLLECTED BY SYNAPSE 2016)
TRICHLOROETHENE
CARBON TETRACHLORIDE
1,2-DICHLOROETHENE
SAMPLE ID (COLLECTED BY OTHERS)
TRICHLOROETHENE
CARBON TETRACHLORIDE
1,2-DICHLOROETHENE
ND NOT DETECTED
260 BOLD VALUE AND YELLOW SHADING INDICATES THE RESULT EXCEEDS THE NYSDOH AIR QUALITY STANDARDS
U ESTIMATED VALUE
LEGEND:
COLUMN
MW-6 OVERBURDEN MONITORING WELL
MW-6A BEDROCK MONITORING WELL
INT-5 PREVIOUS DIRECT PUSH GROUNDWATER SAMPLE LOCATION
8HR-001 DOH COMPLIANT INDOOR AIR AND SUBSLAB SAMPLE LOCATION (ENERGY SOLUTIONS 2010-2015)
SB-1/IA-1 MARCH 23, 2010 EXISTING INDOOR AIR AND SUBSLAB SAMPLE LOCATION (ENERGY SOLUTIONS 2010-2015)
INDOOR AIR SAMPLE LOCATION (8-HOUR SAMPLE 3/2016)
SSV-1 TEMPORARY SUBSLAB VAPOR SAMPLE LOCATION (8-HOUR SAMPLE 3/2016)
IDA-033017-1 INDOOR AIR SAMPLE LOCATION (8-HOUR SAMPLE 3/2017)
SSV-033017-1 TEMPORARY SUBSLAB VAPOR SAMPLE LOCATION (8-HOUR SAMPLE 3/2017)
NOTES:
1. BASE MAP MODIFIED FROM FILE PROVIDED BY ENERGY SOLUTIONS.
2. ALL LOCATIONS ARE APPROXIMATE.
3. NYSDOH REFERENCED SUBSLAB GUIDANCE HEREIN REPRESENTS THE MINIMUM SUBSLAB VAPOR CONCENTRATION REQUIRING MITIGATION REGARDLESS OF INDOOR AIR CONCENTRATIONS.
4. THE MAY 2017 SOIL VAPOR/INDOOR AIR MATICES (A,B, & C) UPDATES SUPERSEDE THOSE PROVIDED IN THE FINAL GUIDANCE AND ALL SUBSEQUENT UPDATES.
0
60'
120'
GRAPHIC SCALE
P: BL
X: DANA06X01.DWG
6/6/17
SYNAPSE/WIP/DANA 06-14/DANA0614B10AB.DWG (AIR SAMPLE)
synapse
connect. advise. insure.
SYNAPSE PROPERTY RESOURCES
360 ERIE BLVD. EAST
SYRACUSE, NEW YORK 13202
SSDS AS-BUILT REPORT
FORMER LEICA MICROSYSTEMS INC.
203 EGGERT ROAD
CHEEKTOWAGA, NEW YORK
INDOOR AIR AND SUBSLAB VAPOR SAMPLE LOCATION PLAN
MARCH 2017
PROJECT NO.: DANA 06-15-05
DATE: JUNE 2017
FIGURE NO.: 4

APPENDIX A
LABORATORY ANALYTICAL DATA PACKAGE

Sub-Slab Depressurization System As-Built Report
203 Eggert Road
Cheektowaga, New York

June 2017

ANALYTICAL REPORT

Lab Number:	L1709791
Client:	Synapse Risk Management, LLC 360 Erie Blvd. East Syracuse, NY 13202
ATTN:	Roger Creighton
Phone:	(315) 475-3700
Project Name:	FORMER LEICA MICROSYSTEMS
Project Number:	DANA07-15.02
Report Date:	04/06/17

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), NJ NELAP (MA015), CT (PH-0141), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-13-00067), USFWS (Permit #LE2069641).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02

Lab Number: L1709791
Report Date: 04/06/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1709791-01	IDA-033017-1	AIR	CHEEKTOWAGA, NY	03/30/17 16:14	03/30/17
L1709791-02	IDA-033017-2	AIR	CHEEKTOWAGA, NY	03/30/17 16:11	03/30/17
L1709791-03	IDA-033017-3	AIR	CHEEKTOWAGA, NY	03/30/17 16:22	03/30/17
L1709791-04	IDA-033017-4	AIR	CHEEKTOWAGA, NY	03/30/17 16:23	03/30/17
L1709791-05	IDA-033017-5	AIR	CHEEKTOWAGA, NY	03/30/17 16:24	03/30/17
L1709791-06	IDA-033017-6	AIR	CHEEKTOWAGA, NY	03/30/17 15:59	03/30/17
L1709791-07	IDA-033017-7	AIR	CHEEKTOWAGA, NY	03/30/17 16:25	03/30/17
L1709791-08	IDA-033017-8	AIR	CHEEKTOWAGA, NY	03/30/17 16:06	03/30/17
L1709791-09	IDA-033017-9	AIR	CHEEKTOWAGA, NY	03/30/17 16:28	03/30/17
L1709791-10	IDA-033017-10	AIR	CHEEKTOWAGA, NY	03/30/17 16:28	03/30/17
L1709791-11	IDA-033017-11	AIR	CHEEKTOWAGA, NY	03/30/17 15:57	03/30/17
L1709791-12	ODA-033017-1	AIR	CHEEKTOWAGA, NY	03/30/17 16:45	03/30/17
L1709791-13	SSV-033017-1	SOIL_VAPOR	CHEEKTOWAGA, NY	03/30/17 16:05	03/30/17
L1709791-14	SSV-033017-2	SOIL_VAPOR	CHEEKTOWAGA, NY	03/30/17 15:58	03/30/17
L1709791-15	SSV-033017-3	SOIL_VAPOR	CHEEKTOWAGA, NY	03/30/17 15:52	03/30/17
L1709791-16	SSV-033017-4	SOIL_VAPOR	CHEEKTOWAGA, NY	03/30/17 16:13	03/30/17
L1709791-17	SSV-033017-5	SOIL_VAPOR	CHEEKTOWAGA, NY	03/30/17 16:09	03/30/17

Project Name:	FORMER LEICA MICROSYSTEMS	**Lab Number:**	L1709791
Project Number:	DANA07-15.02	**Report Date:**	04/06/17

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	FORMER LEICA MICROSYSTEMS	**Lab Number:**	L1709791
Project Number:	DANA07-15.02	**Report Date:**	04/06/17

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on March 29, 2017. The canister certification results are provided as an addendum.

Sample L1709791-13, -14, and -15: The samples have elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the samples.

Sample L1709791-13, -14, and -16: The presence of Acetone could not be determined in these samples due to a non-target compound interfering with the identification and quantification of this compound.

Sample L1709791-15: The sample was diluted and re-analyzed to quantify the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

Volatile Organics in Air by SIM

Sample L1709791-01 The presence of Carbon Tetrachloride could not be determined in this sample due to a non-target compound interfering with the identification and quantification of this compound.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 04/06/17

AIR

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-01
Client ID: IDA-033017-1
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/03/17 18:36
Analyst: MB

Date Collected: 03/30/17 16:14
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chloromethane	0.513	0.200	--	1.06	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	29.0	5.00	--	54.6	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	9.93	1.00	--	23.6	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	5.70	0.500	--	14.0	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.19	0.500	--	3.51	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-01
Client ID: IDA-033017-1
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:14
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Benzene	0.247	0.200	--	0.789	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	3.95	0.200	--	14.9	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.11	0.200	--	4.82	0.869	--		1
p/m-Xylene	3.53	0.400	--	15.3	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	1.01	0.200	--	4.30	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.21	0.200	--	5.26	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-01
Client ID: IDA-033017-1
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:14
Date Received: 03/30/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	84		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-01
Client ID: IDA-033017-1
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/03/17 18:36
Analyst: MB

Date Collected: 03/30/17 16:14
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.372	0.200	--	1.84	0.989	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	0.037	0.020	--	0.199	0.107	--		1
Tetrachloroethene	0.020	0.020	--	0.136	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	89		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	81		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-02
Client ID: IDA-033017-2
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/03/17 19:10
Analyst: MB

Date Collected: 03/30/17 16:11
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chloromethane	0.572	0.200	--	1.18	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	39.5	5.00	--	74.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	4.21	1.00	--	10.0	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	0.869	0.500	--	2.14	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-02
Client ID: IDA-033017-2
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:11
Date Received: 03/30/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.254	0.200	--	0.957	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-02
Client ID: IDA-033017-2
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:11
Date Received: 03/30/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	85		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-02
Client ID: IDA-033017-2
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/03/17 19:10
Analyst: MB

Date Collected: 03/30/17 16:11
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.395	0.200	--	1.95	0.989	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.067	0.020	--	0.421	0.126	--		1
Trichloroethene	0.024	0.020	--	0.129	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	89		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	83		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-03
Client ID: IDA-033017-3
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/03/17 19:47
Analyst: MB

Date Collected: 03/30/17 16:22
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chloromethane	0.514	0.200	--	1.06	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	0.205	0.200	--	0.454	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.783	0.500	--	2.31	1.47	--		1
Ethyl Acetate	0.569	0.500	--	2.05	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.213	0.200	--	0.751	0.705	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-03
Client ID: IDA-033017-3
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:22
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Benzene	0.350	0.200	--	1.12	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	3.20	0.200	--	12.1	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.445	0.200	--	1.93	0.869	--		1
p/m-Xylene	1.24	0.400	--	5.39	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.481	0.200	--	2.05	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.430	0.200	--	1.87	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-03
Client ID: IDA-033017-3
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:22
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	90		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	83		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-03
Client ID: IDA-033017-3
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/03/17 19:47
Analyst: MB

Date Collected: 03/30/17 16:22
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.117	0.020	--	0.736	0.126	--		1
Trichloroethene	0.020	0.020	--	0.107	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	88		60-140
bromochloromethane	85		60-140
chlorobenzene-d5	81		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-04
Client ID: IDA-033017-4
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/03/17 20:21
Analyst: MB

Date Collected: 03/30/17 16:23
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chloromethane	0.478	0.200	--	0.987	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	0.444	0.200	--	0.982	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	5.45	5.00	--	10.3	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	0.718	0.500	--	1.76	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.37	0.500	--	4.04	1.47	--		1
Ethyl Acetate	0.892	0.500	--	3.21	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-04
Client ID: IDA-033017-4
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:23
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Benzene	0.416	0.200	--	1.33	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	4.92	0.200	--	18.5	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.25	0.200	--	5.43	0.869	--		1
p/m-Xylene	3.63	0.400	--	15.8	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	1.35	0.200	--	5.75	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.26	0.200	--	5.47	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-04
Client ID: IDA-033017-4
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:23
Date Received: 03/30/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	81		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-04
Client ID: IDA-033017-4
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/03/17 20:21
Analyst: MB

Date Collected: 03/30/17 16:23
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.359	0.200	--	1.78	0.989	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.100	0.020	--	0.629	0.126	--		1
Trichloroethene	0.155	0.020	--	0.833	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	87		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	81		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-05
Client ID: IDA-033017-5
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/03/17 21:30
Analyst: MB

Date Collected: 03/30/17 16:24
Date Received: 03/30/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloromethane	0.508	0.200	--	1.05	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	1.05	0.200	--	2.32	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	0.509	0.500	--	1.25	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.17	0.500	--	3.45	1.47	--		1
Ethyl Acetate	0.646	0.500	--	2.33	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.206	0.200	--	0.726	0.705	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-05
Client ID: IDA-033017-5
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:24
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Benzene	0.657	0.200	--	2.10	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	4.53	0.200	--	17.1	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.05	0.200	--	4.56	0.869	--		1
p/m-Xylene	2.84	0.400	--	12.3	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	1.06	0.200	--	4.51	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.01	0.200	--	4.39	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-05
Client ID: IDA-033017-5
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:24
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	87		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	78		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-05
Client ID: IDA-033017-5
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/03/17 21:30
Analyst: MB

Date Collected: 03/30/17 16:24
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.353	0.200	--	1.75	0.989	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.076	0.020	--	0.478	0.126	--		1
Trichloroethene	0.030	0.020	--	0.161	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	86		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	77		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-06
Client ID: IDA-033017-6
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/03/17 22:04
Analyst: MB

Date Collected: 03/30/17 15:59
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chloromethane	0.530	0.200	--	1.09	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	0.625	0.200	--	1.38	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	0.523	0.500	--	1.29	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.83	0.500	--	5.40	1.47	--		1
Ethyl Acetate	0.615	0.500	--	2.22	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.331	0.200	--	1.17	0.705	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-06
Client ID: IDA-033017-6
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 15:59
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Benzene	0.490	0.200	--	1.57	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	5.59	0.200	--	21.1	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.03	0.200	--	4.47	0.869	--		1
p/m-Xylene	2.53	0.400	--	11.0	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	1.42	0.200	--	6.05	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.892	0.200	--	3.87	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-06
Client ID: IDA-033017-6
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 15:59
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	84		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	77		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-06
Client ID: IDA-033017-6
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/03/17 22:04
Analyst: MB

Date Collected: 03/30/17 15:59
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.296	0.200	--	1.46	0.989	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.114	0.020	--	0.717	0.126	--		1
Trichloroethene	0.041	0.020	--	0.220	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	84		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	76		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-07
Client ID: IDA-033017-7
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/03/17 22:39
Analyst: MB

Date Collected: 03/30/17 16:25
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chloromethane	0.544	0.200	--	1.12	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	0.824	0.200	--	1.82	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.666	0.500	--	1.96	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-07
Client ID: IDA-033017-7
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:25
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Benzene	0.473	0.200	--	1.51	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	3.45	0.200	--	13.0	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.677	0.200	--	2.94	0.869	--		1
p/m-Xylene	1.71	0.400	--	7.43	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.935	0.200	--	3.98	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.573	0.200	--	2.49	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-07
Client ID: IDA-033017-7
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:25
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	85		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	72		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-07
Client ID: IDA-033017-7
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/03/17 22:39
Analyst: MB

Date Collected: 03/30/17 16:25
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.323	0.200	--	1.60	0.989	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.080	0.020	--	0.503	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	83		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	71		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-08
Client ID: IDA-033017-8
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/03/17 23:14
Analyst: MB

Date Collected: 03/30/17 16:06
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chloromethane	0.535	0.200	--	1.10	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	0.336	0.200	--	0.743	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.879	0.500	--	2.59	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-08
Client ID: IDA-033017-8
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:06
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Benzene	0.353	0.200	--	1.13	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	5.05	0.200	--	19.0	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.23	0.200	--	5.34	0.869	--		1
p/m-Xylene	3.45	0.400	--	15.0	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	1.91	0.200	--	8.13	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.16	0.200	--	5.04	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-08
Client ID: IDA-033017-8
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:06
Date Received: 03/30/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	79		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-08
Client ID: IDA-033017-8
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/03/17 23:14
Analyst: MB

Date Collected: 03/30/17 16:06
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.316	0.200	--	1.56	0.989	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.071	0.020	--	0.447	0.126	--		1
Trichloroethene	0.040	0.020	--	0.215	0.107	--		1
Tetrachloroethene	0.051	0.020	--	0.346	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	88		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	79		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-09
Client ID: IDA-033017-9
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/03/17 23:49
Analyst: MB

Date Collected: 03/30/17 16:28
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chloromethane	0.501	0.200	--	1.03	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	0.641	0.200	--	1.42	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	5.05	5.00	--	9.52	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	0.568	0.500	--	1.40	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.08	0.500	--	3.19	1.47	--		1
Ethyl Acetate	1.04	0.500	--	3.75	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-09
Client ID: IDA-033017-9
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:28
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Benzene	0.470	0.200	--	1.50	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	6.07	0.200	--	22.9	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.39	0.200	--	6.04	0.869	--		1
p/m-Xylene	3.94	0.400	--	17.1	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	2.09	0.200	--	8.90	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.36	0.200	--	5.91	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-09
Client ID: IDA-033017-9
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:28
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	87		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	76		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-09
Client ID: IDA-033017-9
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/03/17 23:49
Analyst: MB

Date Collected: 03/30/17 16:28
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.334	0.200	--	1.65	0.989	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.087	0.020	--	0.547	0.126	--		1
Trichloroethene	0.025	0.020	--	0.134	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	84		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	75		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-10
Client ID: IDA-033017-10
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/04/17 00:23
Analyst: MB

Date Collected: 03/30/17 16:28
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chloromethane	0.477	0.200	--	0.985	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	0.502	0.200	--	1.11	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.675	0.500	--	1.99	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.294	0.200	--	1.04	0.705	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-10
Client ID: IDA-033017-10
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:28
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Benzene	0.400	0.200	--	1.28	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	3.24	0.200	--	12.2	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.508	0.200	--	2.21	0.869	--		1
p/m-Xylene	1.34	0.400	--	5.82	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.498	0.200	--	2.12	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.472	0.200	--	2.05	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-10
Client ID: IDA-033017-10
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:28
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	87		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	79		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-10
Client ID: IDA-033017-10
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/04/17 00:23
Analyst: MB

Date Collected: 03/30/17 16:28
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.334	0.200	--	1.65	0.989	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.069	0.020	--	0.434	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	86		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	78		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-11
Client ID: IDA-033017-11
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/04/17 00:58
Analyst: MB

Date Collected: 03/30/17 15:57
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chloromethane	0.568	0.200	--	1.17	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	0.464	0.200	--	1.03	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	7.28	5.00	--	13.7	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	0.706	0.500	--	1.74	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.80	0.500	--	5.31	1.47	--		1
Ethyl Acetate	0.850	0.500	--	3.06	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-11
Client ID: IDA-033017-11
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 15:57
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Benzene	0.371	0.200	--	1.19	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	7.74	0.200	--	29.2	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.45	0.200	--	6.30	0.869	--		1
p/m-Xylene	3.95	0.400	--	17.2	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	2.40	0.200	--	10.2	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.25	0.200	--	5.43	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-11
Client ID: IDA-033017-11
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 15:57
Date Received: 03/30/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	85		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	76		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-11
Client ID: IDA-033017-11
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/04/17 00:58
Analyst: MB

Date Collected: 03/30/17 15:57
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.303	0.200	--	1.50	0.989	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.082	0.020	--	0.516	0.126	--		1
Trichloroethene	0.024	0.020	--	0.129	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	84		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	75		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-12
Client ID: ODA-033017-1
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/03/17 18:01
Analyst: MB

Date Collected: 03/30/17 16:45
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chloromethane	0.485	0.200	--	1.00	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.93	1.00	--	4.58	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-12
Client ID: ODA-033017-1
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:45
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-12
Client ID: ODA-033017-1
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:45
Date Received: 03/30/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	86		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-12
Client ID: ODA-033017-1
Sample Location: CHEEKTOWAGA, NY
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/03/17 18:01
Analyst: MB

Date Collected: 03/30/17 16:45
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	0.379	0.200	--	1.87	0.989	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.068	0.020	--	0.428	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	90		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	84		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-13 D
Client ID: SSV-033017-1
Sample Location: CHEEKTOWAGA, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/05/17 02:53
Analyst: RY

Date Collected: 03/30/17 16:05
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.492	0.400	--	2.43	1.98	--		2
Chloromethane	ND	0.400	--	ND	0.826	--		2
Freon-114	ND	0.400	--	ND	2.80	--		2
Vinyl chloride	ND	0.400	--	ND	1.02	--		2
1,3-Butadiene	0.538	0.400	--	1.19	0.885	--		2
Bromomethane	ND	0.400	--	ND	1.55	--		2
Chloroethane	ND	0.400	--	ND	1.06	--		2
Ethanol	ND	10.0	--	ND	18.8	--		2
Vinyl bromide	ND	0.400	--	ND	1.75	--		2
Acetone	ND	2.00	--	ND	4.75	--		2
Trichlorofluoromethane	ND	0.400	--	ND	2.25	--		2
Isopropanol	ND	1.00	--	ND	2.46	--		2
1,1-Dichloroethene	ND	0.400	--	ND	1.59	--		2
Tertiary butyl Alcohol	ND	1.00	--	ND	3.03	--		2
Methylene chloride	ND	1.00	--	ND	3.47	--		2
3-Chloropropene	ND	0.400	--	ND	1.25	--		2
Carbon disulfide	ND	0.400	--	ND	1.25	--		2
Freon-113	ND	0.400	--	ND	3.07	--		2
trans-1,2-Dichloroethene	16.6	0.400	--	65.8	1.59	--		2
1,1-Dichloroethane	ND	0.400	--	ND	1.62	--		2
Methyl tert butyl ether	ND	0.400	--	ND	1.44	--		2
2-Butanone	ND	1.00	--	ND	2.95	--		2
cis-1,2-Dichloroethene	0.512	0.400	--	2.03	1.59	--		2
Ethyl Acetate	ND	1.00	--	ND	3.60	--		2

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-13 D
Client ID: SSV-033017-1
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:05
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.400	--	ND	1.95	--		2
Tetrahydrofuran	ND	1.00	--	ND	2.95	--		2
1,2-Dichloroethane	ND	0.400	--	ND	1.62	--		2
n-Hexane	ND	0.400	--	ND	1.41	--		2
1,1,1-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Benzene	ND	0.400	--	ND	1.28	--		2
Carbon tetrachloride	ND	0.400	--	ND	2.52	--		2
Cyclohexane	ND	0.400	--	ND	1.38	--		2
1,2-Dichloropropane	ND	0.400	--	ND	1.85	--		2
Bromodichloromethane	ND	0.400	--	ND	2.68	--		2
1,4-Dioxane	ND	0.400	--	ND	1.44	--		2
Trichloroethene	84.1	0.400	--	452	2.15	--		2
2,2,4-Trimethylpentane	ND	0.400	--	ND	1.87	--		2
Heptane	ND	0.400	--	ND	1.64	--		2
cis-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
4-Methyl-2-pentanone	ND	1.00	--	ND	4.10	--		2
trans-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
1,1,2-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Toluene	1.71	0.400	--	6.44	1.51	--		2
2-Hexanone	ND	0.400	--	ND	1.64	--		2
Dibromochloromethane	ND	0.400	--	ND	3.41	--		2
1,2-Dibromoethane	ND	0.400	--	ND	3.07	--		2
Tetrachloroethene	ND	0.400	--	ND	2.71	--		2
Chlorobenzene	ND	0.400	--	ND	1.84	--		2
Ethylbenzene	0.620	0.400	--	2.69	1.74	--		2
p/m-Xylene	2.04	0.800	--	8.86	3.47	--		2
Bromoform	ND	0.400	--	ND	4.14	--		2
Styrene	1.27	0.400	--	5.41	1.70	--		2

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-13 D
Client ID: SSV-033017-1
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:05
Date Received: 03/30/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.400	--	ND	2.75	--		2
o-Xylene	0.776	0.400	--	3.37	1.74	--		2
4-Ethyltoluene	ND	0.400	--	ND	1.97	--		2
1,3,5-Trimethylbenzene	ND	0.400	--	ND	1.97	--		2
1,2,4-Trimethylbenzene	ND	0.400	--	ND	1.97	--		2
Benzyl chloride	ND	0.400	--	ND	2.07	--		2
1,3-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,4-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2,4-Trichlorobenzene	ND	0.400	--	ND	2.97	--		2
Hexachlorobutadiene	ND	0.400	--	ND	4.27	--		2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	84		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-14 D
Client ID: SSV-033017-2
Sample Location: CHEEKTOWAGA, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/05/17 03:23
Analyst: RY

Date Collected: 03/30/17 15:58
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.667	--	ND	3.30	--		3.333
Chloromethane	ND	0.667	--	ND	1.38	--		3.333
Freon-114	ND	0.667	--	ND	4.66	--		3.333
Vinyl chloride	ND	0.667	--	ND	1.71	--		3.333
1,3-Butadiene	0.926	0.667	--	2.05	1.48	--		3.333
Bromomethane	ND	0.667	--	ND	2.59	--		3.333
Chloroethane	0.843	0.667	--	2.22	1.76	--		3.333
Ethanol	36.0	16.7	--	67.8	31.5	--		3.333
Vinyl bromide	ND	0.667	--	ND	2.92	--		3.333
Acetone	ND	3.33	--	ND	7.91	--		3.333
Trichlorofluoromethane	ND	0.667	--	ND	3.75	--		3.333
Isopropanol	ND	1.67	--	ND	4.10	--		3.333
1,1-Dichloroethene	ND	0.667	--	ND	2.64	--		3.333
Tertiary butyl Alcohol	ND	1.67	--	ND	5.06	--		3.333
Methylene chloride	ND	1.67	--	ND	5.80	--		3.333
3-Chloropropene	ND	0.667	--	ND	2.09	--		3.333
Carbon disulfide	ND	0.667	--	ND	2.08	--		3.333
Freon-113	ND	0.667	--	ND	5.11	--		3.333
trans-1,2-Dichloroethene	1.10	0.667	--	4.36	2.64	--		3.333
1,1-Dichloroethane	ND	0.667	--	ND	2.70	--		3.333
Methyl tert butyl ether	ND	0.667	--	ND	2.40	--		3.333
2-Butanone	1.83	1.67	--	5.40	4.93	--		3.333
cis-1,2-Dichloroethene	0.956	0.667	--	3.79	2.64	--		3.333
Ethyl Acetate	ND	1.67	--	ND	6.02	--		3.333

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-14 D
Client ID: SSV-033017-2
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 15:58
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chloroform	1.09	0.667	--	5.32	3.26	--		3.333
Tetrahydrofuran	ND	1.67	--	ND	4.93	--		3.333
1,2-Dichloroethane	ND	0.667	--	ND	2.70	--		3.333
n-Hexane	0.723	0.667	--	2.55	2.35	--		3.333
1,1,1-Trichloroethane	ND	0.667	--	ND	3.64	--		3.333
Benzene	ND	0.667	--	ND	2.13	--		3.333
Carbon tetrachloride	ND	0.667	--	ND	4.20	--		3.333
Cyclohexane	1.27	0.667	--	4.37	2.30	--		3.333
1,2-Dichloropropane	ND	0.667	--	ND	3.08	--		3.333
Bromodichloromethane	ND	0.667	--	ND	4.47	--		3.333
1,4-Dioxane	ND	0.667	--	ND	2.40	--		3.333
Trichloroethene	230	0.667	--	1240	3.58	--		3.333
2,2,4-Trimethylpentane	ND	0.667	--	ND	3.12	--		3.333
Heptane	ND	0.667	--	ND	2.73	--		3.333
cis-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--		3.333
4-Methyl-2-pentanone	ND	1.67	--	ND	6.84	--		3.333
trans-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--		3.333
1,1,2-Trichloroethane	ND	0.667	--	ND	3.64	--		3.333
Toluene	2.57	0.667	--	9.69	2.51	--		3.333
2-Hexanone	ND	0.667	--	ND	2.73	--		3.333
Dibromochloromethane	ND	0.667	--	ND	5.68	--		3.333
1,2-Dibromoethane	ND	0.667	--	ND	5.13	--		3.333
Tetrachloroethene	ND	0.667	--	ND	4.52	--		3.333
Chlorobenzene	ND	0.667	--	ND	3.07	--		3.333
Ethylbenzene	ND	0.667	--	ND	2.90	--		3.333
p/m-Xylene	ND	1.33	--	ND	5.78	--		3.333
Bromoform	ND	0.667	--	ND	6.90	--		3.333
Styrene	ND	0.667	--	ND	2.84	--		3.333

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-14 D
Client ID: SSV-033017-2
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 15:58
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.667	--	ND	4.58	--		3.333
o-Xylene	ND	0.667	--	ND	2.90	--		3.333
4-Ethyltoluene	ND	0.667	--	ND	3.28	--		3.333
1,3,5-Trimethylbenzene	ND	0.667	--	ND	3.28	--		3.333
1,2,4-Trimethylbenzene	ND	0.667	--	ND	3.28	--		3.333
Benzyl chloride	ND	0.667	--	ND	3.45	--		3.333
1,3-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,4-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,2-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,2,4-Trichlorobenzene	ND	0.667	--	ND	4.95	--		3.333
Hexachlorobutadiene	ND	0.667	--	ND	7.11	--		3.333

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	89		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	85		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-15 D
Client ID: SSV-033017-3
Sample Location: CHEEKTOWAGA, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/05/17 03:53
Analyst: RY

Date Collected: 03/30/17 15:52
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	ND	2.00	--	ND	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	ND	50.0	--	ND	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	ND	10.0	--	ND	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Tertiary butyl Alcohol	ND	5.00	--	ND	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	ND	2.00	--	ND	6.23	--		10
Freon-113	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	5.74	2.00	--	22.8	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	ND	5.00	--	ND	14.7	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-15 D
Client ID: SSV-033017-3
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 15:52
Date Received: 03/30/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	2.00	--	ND	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	ND	2.00	--	ND	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	ND	2.00	--	ND	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	1020	2.00	--	5480	10.7	--	E	10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	ND	2.00	--	ND	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	ND	2.00	--	ND	7.54	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	ND	2.00	--	ND	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10
p/m-Xylene	ND	4.00	--	ND	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10
Styrene	ND	2.00	--	ND	8.52	--		10

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-15 D
Client ID: SSV-033017-3
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 15:52
Date Received: 03/30/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	ND	2.00	--	ND	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	81		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	80		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-15 D2
Client ID: SSV-033017-3
Sample Location: CHEEKTOWAGA, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/05/17 08:23
Analyst: RY

Date Collected: 03/30/17 15:52
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	1220	4.02	--	6560	21.6	--		20.1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	90		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	89		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-16
Client ID: SSV-033017-4
Sample Location: CHEEKTOWAGA, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/05/17 04:26
Analyst: RY

Date Collected: 03/30/17 16:13
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.290	0.200	--	1.43	0.989	--		1
Chloromethane	0.276	0.200	--	0.570	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	4.72	0.200	--	12.5	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	0.217	0.200	--	1.22	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.956	0.500	--	2.90	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.253	0.200	--	0.788	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.644	0.500	--	1.90	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-16
Client ID: SSV-033017-4
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:13
Date Received: 03/30/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.686	0.500	--	2.02	1.47	--		1
1,2-Dichloroethane	0.623	0.200	--	2.52	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.258	0.200	--	0.824	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	0.415	0.200	--	2.23	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.04	0.200	--	7.69	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.265	0.200	--	1.15	0.869	--		1
p/m-Xylene	0.857	0.400	--	3.72	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-16
Client ID: SSV-033017-4
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:13
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.334	0.200	--	1.45	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	84		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	84		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-17
Client ID: SSV-033017-5
Sample Location: CHEEKTOWAGA, NY
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/05/17 04:59
Analyst: RY

Date Collected: 03/30/17 16:09
Date Received: 03/30/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.307	0.200	--	1.52	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	6.88	0.200	--	18.2	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	0.212	0.200	--	1.19	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.09	0.500	--	3.30	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-17
Client ID: SSV-033017-5
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:09
Date Received: 03/30/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	0.262	0.200	--	1.06	0.809	--		1
n-Hexane	0.728	0.200	--	2.57	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.687	0.200	--	2.19	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.593	0.200	--	2.04	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	16.5	0.200	--	88.7	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.316	0.200	--	1.30	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.01	0.200	--	3.81	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

SAMPLE RESULTS

Lab ID: L1709791-17
Client ID: SSV-033017-5
Sample Location: CHEEKTOWAGA, NY
Date Collected: 03/30/17 16:09
Date Received: 03/30/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.277	0.200	--	1.36	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	88		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/03/17 14:57

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-12 Batch: WG990579-4								
Propylene	ND	0.500	--	ND	0.861	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: FORMER LEICA MICROSYSTEMS **Lab Number:** L1709791

Project Number: DANA07-15.02 **Report Date:** 04/06/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/03/17 14:57

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-12 Batch: WG990579-4								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/03/17 14:57

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-12 Batch: WG990579-4								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: FORMER LEICA MICROSYSTEMS **Lab Number:** L1709791

Project Number: DANA07-15.02 **Report Date:** 04/06/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 04/03/17 15:33

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-12 Batch: WG990580-4								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Ethyl Alcohol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1

Project Name: FORMER LEICA MICROSYSTEMS **Lab Number:** L1709791

Project Number: DANA07-15.02 **Report Date:** 04/06/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 04/03/17 15:33

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-12 Batch: WG990580-4								
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1

Project Name: FORMER LEICA MICROSYSTEMS **Lab Number:** L1709791

Project Number: DANA07-15.02 **Report Date:** 04/06/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 04/03/17 15:33

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-12 Batch: WG990580-4								
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
1,2,3-Trichloropropane	ND	0.020	--	ND	0.121	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 04/03/17 15:33

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-12 Batch: WG990580-4								
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/04/17 13:59

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 13-17 Batch: WG990932-4								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: FORMER LEICA MICROSYSTEMS **Lab Number:** L1709791

Project Number: DANA07-15.02 **Report Date:** 04/06/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/04/17 13:59

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 13-17 Batch: WG990932-4								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02
Lab Number: L1709791
Report Date: 04/06/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/04/17 13:59

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 13-17 Batch: WG990932-4								
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS

Project Number: DANA07-15.02

Lab Number: L1709791

Report Date: 04/06/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-12 Batch: WG990579-3								
Chlorodifluoromethane	85		-		70-130	-		
Propylene	113		-		70-130	-		
Propane	80		-		70-130	-		
Chloromethane	89		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	76		-		70-130	-		
Methanol	78		-		70-130	-		
Vinyl chloride	91		-		70-130	-		
1,3-Butadiene	88		-		70-130	-		
Butane	83		-		70-130	-		
Bromomethane	85		-		70-130	-		
Chloroethane	92		-		70-130	-		
Ethyl Alcohol	81		-		70-130	-		
Dichlorofluoromethane	80		-		70-130	-		
Vinyl bromide	84		-		70-130	-		
Acrolein	73		-		70-130	-		
Acetone	99		-		70-130	-		
Acetonitrile	85		-		70-130	-		
Trichlorofluoromethane	86		-		70-130	-		
iso-Propyl Alcohol	82		-		70-130	-		
Acrylonitrile	82		-		70-130	-		
Pentane	89		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS

Project Number: DANA07-15.02

Lab Number: L1709791

Report Date: 04/06/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-12 Batch: WG990579-3								
Ethyl ether	85		-		70-130	-		
1,1-Dichloroethene	87		-		70-130	-		
tert-Butyl Alcohol	76		-		70-130	-		
Methylene chloride	92		-		70-130	-		
3-Chloropropene	95		-		70-130	-		
Carbon disulfide	83		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	90		-		70-130	-		
trans-1,2-Dichloroethene	90		-		70-130	-		
1,1-Dichloroethane	95		-		70-130	-		
Methyl tert butyl ether	91		-		70-130	-		
Vinyl acetate	126		-		70-130	-		
2-Butanone	97		-		70-130	-		
cis-1,2-Dichloroethene	99		-		70-130	-		
Ethyl Acetate	102		-		70-130	-		
Chloroform	95		-		70-130	-		
Tetrahydrofuran	96		-		70-130	-		
2,2-Dichloropropane	82		-		70-130	-		
1,2-Dichloroethane	83		-		70-130	-		
n-Hexane	102		-		70-130	-		
Isopropyl Ether	90		-		70-130	-		
Ethyl-Tert-Butyl-Ether	89		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS

Project Number: DANA07-15.02

Lab Number: L1709791

Report Date: 04/06/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-12 Batch: WG990579-3								
1,1,1-Trichloroethane	94		-		70-130	-		
1,1-Dichloropropene	95		-		70-130	-		
Benzene	101		-		70-130	-		
Carbon tetrachloride	94		-		70-130	-		
Cyclohexane	102		-		70-130	-		
Tertiary-Amyl Methyl Ether	88		-		70-130	-		
Dibromomethane	87		-		70-130	-		
1,2-Dichloropropane	102		-		70-130	-		
Bromodichloromethane	99		-		70-130	-		
1,4-Dioxane	97		-		70-130	-		
Trichloroethene	96		-		70-130	-		
2,2,4-Trimethylpentane	105		-		70-130	-		
Methyl Methacrylate	110		-		70-130	-		
Heptane	105		-		70-130	-		
cis-1,3-Dichloropropene	102		-		70-130	-		
4-Methyl-2-pentanone	99		-		70-130	-		
trans-1,3-Dichloropropene	87		-		70-130	-		
1,1,2-Trichloroethane	99		-		70-130	-		
Toluene	98		-		70-130	-		
1,3-Dichloropropane	88		-		70-130	-		
2-Hexanone	95		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS

Project Number: DANA07-15.02

Lab Number: L1709791

Report Date: 04/06/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-12 Batch: WG990579-3								
Dibromochloromethane	96		-		70-130	-		
1,2-Dibromoethane	94		-		70-130	-		
Butyl Acetate	89		-		70-130	-		
Octane	89		-		70-130	-		
Tetrachloroethene	91		-		70-130	-		
1,1,1,2-Tetrachloroethane	86		-		70-130	-		
Chlorobenzene	97		-		70-130	-		
Ethylbenzene	98		-		70-130	-		
p/m-Xylene	98		-		70-130	-		
Bromoform	95		-		70-130	-		
Styrene	99		-		70-130	-		
1,1,2,2-Tetrachloroethane	101		-		70-130	-		
o-Xylene	100		-		70-130	-		
1,2,3-Trichloropropane	91		-		70-130	-		
Nonane (C9)	95		-		70-130	-		
Isopropylbenzene	94		-		70-130	-		
Bromobenzene	92		-		70-130	-		
o-Chlorotoluene	90		-		70-130	-		
n-Propylbenzene	92		-		70-130	-		
p-Chlorotoluene	91		-		70-130	-		
4-Ethyltoluene	99		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02

Lab Number: L1709791
Report Date: 04/06/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-12 Batch: WG990579-3								
1,3,5-Trimethylbenzene	99		-		70-130	-		
tert-Butylbenzene	94		-		70-130	-		
1,2,4-Trimethylbenzene	102		-		70-130	-		
Decane (C10)	96		-		70-130	-		
Benzyl chloride	95		-		70-130	-		
1,3-Dichlorobenzene	98		-		70-130	-		
1,4-Dichlorobenzene	99		-		70-130	-		
sec-Butylbenzene	96		-		70-130	-		
p-Isopropyltoluene	88		-		70-130	-		
1,2-Dichlorobenzene	100		-		70-130	-		
n-Butylbenzene	98		-		70-130	-		
1,2-Dibromo-3-chloropropane	86		-		70-130	-		
Undecane	103		-		70-130	-		
Dodecane (C12)	101		-		70-130	-		
1,2,4-Trichlorobenzene	100		-		70-130	-		
Naphthalene	93		-		70-130	-		
1,2,3-Trichlorobenzene	94		-		70-130	-		
Hexachlorobutadiene	99		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS

Project Number: DANA07-15.02

Lab Number: L1709791

Report Date: 04/06/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-12 Batch: WG990580-3								
Propylene	113		-		70-130	-		25
Dichlorodifluoromethane	86		-		70-130	-		25
Chloromethane	90		-		70-130	-		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	89		-		70-130	-		25
Vinyl chloride	87		-		70-130	-		25
1,3-Butadiene	94		-		70-130	-		25
Bromomethane	85		-		70-130	-		25
Chloroethane	84		-		70-130	-		25
Ethyl Alcohol	82		-		70-130	-		25
Vinyl bromide	81		-		70-130	-		25
Acetone	93		-		70-130	-		25
Trichlorofluoromethane	85		-		70-130	-		25
iso-Propyl Alcohol	86		-		70-130	-		25
Acrylonitrile	83		-		70-130	-		25
1,1-Dichloroethene	87		-		70-130	-		25
tert-Butyl Alcohol[1]	76		-		70-130	-		25
Methylene chloride	90		-		70-130	-		25
3-Chloropropene	91		-		70-130	-		25
Carbon disulfide	83		-		70-130	-		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	90		-		70-130	-		25
Halothane	94		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS

Project Number: DANA07-15.02

Lab Number: L1709791

Report Date: 04/06/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-12 Batch: WG990580-3								
trans-1,2-Dichloroethene	87		-		70-130	-		25
1,1-Dichloroethane	93		-		70-130	-		25
Methyl tert butyl ether	90		-		70-130	-		25
Vinyl acetate	109		-		70-130	-		25
2-Butanone	96		-		70-130	-		25
cis-1,2-Dichloroethene	94		-		70-130	-		25
Ethyl Acetate	100		-		70-130	-		25
Chloroform	93		-		70-130	-		25
Tetrahydrofuran	96		-		70-130	-		25
1,2-Dichloroethane	88		-		70-130	-		25
n-Hexane	100		-		70-130	-		25
1,1,1-Trichloroethane	93		-		70-130	-		25
Benzene	97		-		70-130	-		25
Carbon tetrachloride	93		-		70-130	-		25
Cyclohexane	103		-		70-130	-		25
Dibromomethane[1]	78		-		70-130	-		25
1,2-Dichloropropane	99		-		70-130	-		25
Bromodichloromethane	94		-		70-130	-		25
1,4-Dioxane	97		-		70-130	-		25
Trichloroethene	91		-		70-130	-		25
2,2,4-Trimethylpentane	106		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS

Project Number: DANA07-15.02

Lab Number: L1709791

Report Date: 04/06/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-12 Batch: WG990580-3								
cis-1,3-Dichloropropene	101		-		70-130	-		25
4-Methyl-2-pentanone	101		-		70-130	-		25
trans-1,3-Dichloropropene	82		-		70-130	-		25
1,1,2-Trichloroethane	99		-		70-130	-		25
Toluene	97		-		70-130	-		25
2-Hexanone	93		-		70-130	-		25
Dibromochloromethane	96		-		70-130	-		25
1,2-Dibromoethane	95		-		70-130	-		25
Tetrachloroethene	90		-		70-130	-		25
1,1,1,2-Tetrachloroethane	86		-		70-130	-		25
Chlorobenzene	97		-		70-130	-		25
Ethylbenzene	96		-		70-130	-		25
p/m-Xylene	97		-		70-130	-		25
Bromoform	90		-		70-130	-		25
Styrene	98		-		70-130	-		25
1,1,2,2-Tetrachloroethane	99		-		70-130	-		25
o-Xylene	96		-		70-130	-		25
1,2,3-Trichloropropane[1]	92		-		70-130	-		25
Isopropylbenzene	94		-		70-130	-		25
Bromobenzene[1]	92		-		70-130	-		25
4-Ethyltoluene	99		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02

Lab Number: L1709791
Report Date: 04/06/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-12 Batch: WG990580-3								
1,3,5-Trimethylbenzene	96		-		70-130	-		25
1,2,4-Trimethylbenzene	103		-		70-130	-		25
Benzyl chloride	94		-		70-130	-		25
1,3-Dichlorobenzene	101		-		70-130	-		25
1,4-Dichlorobenzene	100		-		70-130	-		25
sec-Butylbenzene	93		-		70-130	-		25
p-Isopropyltoluene	87		-		70-130	-		25
1,2-Dichlorobenzene	100		-		70-130	-		25
n-Butylbenzene	96		-		70-130	-		25
1,2,4-Trichlorobenzene	103		-		70-130	-		25
Naphthalene	91		-		70-130	-		25
1,2,3-Trichlorobenzene	95		-		70-130	-		25
Hexachlorobutadiene	100		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS

Project Number: DANA07-15.02

Lab Number: L1709791

Report Date: 04/06/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 13-17 Batch: WG990932-3								
Chlorodifluoromethane	102		-		70-130	-		
Propylene	111		-		70-130	-		
Propane	98		-		70-130	-		
Dichlorodifluoromethane	97		-		70-130	-		
Chloromethane	114		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	99		-		70-130	-		
Methanol	111		-		70-130	-		
Vinyl chloride	100		-		70-130	-		
1,3-Butadiene	115		-		70-130	-		
Butane	109		-		70-130	-		
Bromomethane	94		-		70-130	-		
Chloroethane	95		-		70-130	-		
Ethyl Alcohol	115		-		70-130	-		
Dichlorofluoromethane	93		-		70-130	-		
Vinyl bromide	93		-		70-130	-		
Acrolein	89		-		70-130	-		
Acetone	127		-		70-130	-		
Acetonitrile	103		-		70-130	-		
Trichlorofluoromethane	112		-		70-130	-		
iso-Propyl Alcohol	113		-		70-130	-		
Acrylonitrile	99		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS

Project Number: DANA07-15.02

Lab Number: L1709791

Report Date: 04/06/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 13-17 Batch: WG990932-3								
Pentane	100		-		70-130	-		
Ethyl ether	110		-		70-130	-		
1,1-Dichloroethene	104		-		70-130	-		
tert-Butyl Alcohol	92		-		70-130	-		
Methylene chloride	120		-		70-130	-		
3-Chloropropene	120		-		70-130	-		
Carbon disulfide	89		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	96		-		70-130	-		
trans-1,2-Dichloroethene	92		-		70-130	-		
1,1-Dichloroethane	92		-		70-130	-		
Methyl tert butyl ether	84		-		70-130	-		
Vinyl acetate	119		-		70-130	-		
2-Butanone	98		-		70-130	-		
cis-1,2-Dichloroethene	83		-		70-130	-		
Ethyl Acetate	92		-		70-130	-		
Chloroform	92		-		70-130	-		
Tetrahydrofuran	97		-		70-130	-		
2,2-Dichloropropane	83		-		70-130	-		
1,2-Dichloroethane	97		-		70-130	-		
n-Hexane	105		-		70-130	-		
Isopropyl Ether	88		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS

Project Number: DANA07-15.02

Lab Number: L1709791

Report Date: 04/06/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 13-17 Batch: WG990932-3								
Ethyl-Tert-Butyl-Ether	92		-		70-130	-		
1,1,1-Trichloroethane	105		-		70-130	-		
1,1-Dichloropropene	96		-		70-130	-		
Benzene	95		-		70-130	-		
Carbon tetrachloride	117		-		70-130	-		
Cyclohexane	101		-		70-130	-		
Tertiary-Amyl Methyl Ether	84		-		70-130	-		
Dibromomethane	103		-		70-130	-		
1,2-Dichloropropane	104		-		70-130	-		
Bromodichloromethane	113		-		70-130	-		
1,4-Dioxane	100		-		70-130	-		
Trichloroethene	104		-		70-130	-		
2,2,4-Trimethylpentane	106		-		70-130	-		
Methyl Methacrylate	130		-		70-130	-		
Heptane	114		-		70-130	-		
cis-1,3-Dichloropropene	104		-		70-130	-		
4-Methyl-2-pentanone	122		-		70-130	-		
trans-1,3-Dichloropropene	93		-		70-130	-		
1,1,2-Trichloroethane	103		-		70-130	-		
Toluene	80		-		70-130	-		
1,3-Dichloropropane	82		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS

Project Number: DANA07-15.02

Lab Number: L1709791

Report Date: 04/06/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 13-17 Batch: WG990932-3								
2-Hexanone	105		-		70-130	-		
Dibromochloromethane	93		-		70-130	-		
1,2-Dibromoethane	85		-		70-130	-		
Butyl Acetate	77		-		70-130	-		
Octane	73		-		70-130	-		
Tetrachloroethene	78		-		70-130	-		
1,1,1,2-Tetrachloroethane	81		-		70-130	-		
Chlorobenzene	83		-		70-130	-		
Ethylbenzene	82		-		70-130	-		
p/m-Xylene	84		-		70-130	-		
Bromoform	90		-		70-130	-		
Styrene	80		-		70-130	-		
1,1,2,2-Tetrachloroethane	91		-		70-130	-		
o-Xylene	88		-		70-130	-		
1,2,3-Trichloropropane	82		-		70-130	-		
Nonane (C9)	90		-		70-130	-		
Isopropylbenzene	80		-		70-130	-		
Bromobenzene	81		-		70-130	-		
o-Chlorotoluene	78		-		70-130	-		
n-Propylbenzene	79		-		70-130	-		
p-Chlorotoluene	79		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS

Project Number: DANA07-15.02

Lab Number: L1709791

Report Date: 04/06/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 13-17 Batch: WG990932-3								
4-Ethyltoluene	83		-		70-130	-		
1,3,5-Trimethylbenzene	84		-		70-130	-		
tert-Butylbenzene	82		-		70-130	-		
1,2,4-Trimethylbenzene	90		-		70-130	-		
Decane (C10)	87		-		70-130	-		
Benzyl chloride	92		-		70-130	-		
1,3-Dichlorobenzene	86		-		70-130	-		
1,4-Dichlorobenzene	86		-		70-130	-		
sec-Butylbenzene	82		-		70-130	-		
p-Isopropyltoluene	76		-		70-130	-		
1,2-Dichlorobenzene	85		-		70-130	-		
n-Butylbenzene	87		-		70-130	-		
1,2-Dibromo-3-chloropropane	93		-		70-130	-		
Undecane	91		-		70-130	-		
Dodecane (C12)	101		-		70-130	-		
1,2,4-Trichlorobenzene	94		-		70-130	-		
Naphthalene	84		-		70-130	-		
1,2,3-Trichlorobenzene	88		-		70-130	-		
Hexachlorobutadiene	88		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02

Lab Number: L1709791
Report Date: 04/06/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG990579-5 QC Sample: L1709791-04 Client ID: IDA-033017-4						
Chloromethane	0.478	0.525	ppbV	9		25
Freon-114	ND	ND	ppbV	NC		25
1,3-Butadiene	0.444	0.501	ppbV	12		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	5.45	5.50	ppbV	1		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	ND	ND	ppbV	NC		25
Trichlorofluoromethane	ND	ND	ppbV	NC		25
Isopropanol	0.718	0.697	ppbV	3		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	1.37	1.33	ppbV	3		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02

Lab Number: L1709791
Report Date: 04/06/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG990579-5 QC Sample: L1709791-04 Client ID: IDA-033017-4						
Ethyl Acetate	0.892	0.946	ppbV	6		25
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	ND	ND	ppbV	NC		25
Benzene	0.416	0.401	ppbV	4		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	ND	ND	ppbV	NC		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	4.92	5.04	ppbV	2		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02

Lab Number: L1709791
Report Date: 04/06/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG990579-5 QC Sample: L1709791-04 Client ID: IDA-033017-4						
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	1.25	1.29	ppbV	3		25
p/m-Xylene	3.63	3.73	ppbV	3		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	1.35	1.35	ppbV	0		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	1.26	1.30	ppbV	3		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02

Lab Number: L1709791
Report Date: 04/06/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG990580-5 QC Sample: L1709791-04 Client ID: IDA-033017-4						
Dichlorodifluoromethane	0.359	0.323	ppbV	11		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Carbon tetrachloride	0.100	0.098	ppbV	2		25
Trichloroethene	0.155	0.154	ppbV	1		25
Tetrachloroethene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02

Lab Number: L1709791
Report Date: 04/06/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 13-17 QC Batch ID: WG990932-5 QC Sample: L1709672-05 Client ID: DUP Sample						
Dichlorodifluoromethane	0.281	0.388	ppbV	**32**	Q	25
Chloromethane	0.784	0.826	ppbV	5		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethyl Alcohol	173	176	ppbV	2		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	24.2	24.5	ppbV	1		25
Trichlorofluoromethane	0.495	0.497	ppbV	0		25
iso-Propyl Alcohol	22.1	23.0	ppbV	4		25
tert-Butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02

Lab Number: L1709791
Report Date: 04/06/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 13-17 QC Batch ID: WG990932-5 QC Sample: L1709672-05 Client ID: DUP Sample						
2-Butanone	1.18	1.18	ppbV	0		25
Ethyl Acetate	3.23	3.41	ppbV	5		25
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	0.349	0.354	ppbV	1		25
Benzene	0.220	0.222	ppbV	1		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	0.562	0.563	ppbV	0		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	2.06	2.01	ppbV	2		25
2-Hexanone	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02

Lab Number: L1709791
Report Date: 04/06/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 13-17 QC Batch ID: WG990932-5 QC Sample: L1709672-05 Client ID: DUP Sample						
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	0.306	0.304	ppbV	1		25
p/m-Xylene	1.15	1.18	ppbV	3		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	0.510	0.518	ppbV	2		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Project Name: FORMER LEICA MICROSYSTEMS **Lab Number:** L1709791

Project Number: DANA07-15.02 **Report Date:** 04/06/17

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1709791-01	IDA-033017-1	0250	Flow 3	03/29/17	238558		-	-	-	Pass	4.2	4.2	0
L1709791-01	IDA-033017-1	511	2.7L Can	03/29/17	238558	L1708880-01	Pass	-29.1	-8.5	-	-	-	-
L1709791-02	IDA-033017-2	0046	Flow 5	03/29/17	238558		-	-	-	Pass	4.1	4.3	5
L1709791-02	IDA-033017-2	391	2.7L Can	03/29/17	238558	L1708880-01	Pass	-28.5	-6.8	-	-	-	-
L1709791-03	IDA-033017-3	0144	Flow 4	03/29/17	238558		-	-	-	Pass	4.4	3.8	15
L1709791-03	IDA-033017-3	105	2.7L Can	03/29/17	238558	L1707828-01	Pass	-29.1	-8.0	-	-	-	-
L1709791-04	IDA-033017-4	0172	Flow 5	03/29/17	238558		-	-	-	Pass	4.1	4.4	7
L1709791-04	IDA-033017-4	539	2.7L Can	03/29/17	238558	L1707828-01	Pass	-29.1	-6.7	-	-	-	-
L1709791-05	IDA-033017-5	0766	Flow 3	03/29/17	238558		-	-	-	Pass	4.5	4.6	2
L1709791-05	IDA-033017-5	403	2.7L Can	03/29/17	238558	L1707828-01	Pass	-29.4	-6.5	-	-	-	-
L1709791-06	IDA-033017-6	0915	Flow 5	03/29/17	238558		-	-	-	Pass	4.1	3.9	5
L1709791-06	IDA-033017-6	186	2.7L Can	03/29/17	238558	L1707828-01	Pass	-29.1	-10.4	-	-	-	-
L1709791-07	IDA-033017-7	0699	#20 SV	03/29/17	238558		-	-	-	Pass	4.5	4.3	5
L1709791-07	IDA-033017-7	323	2.7L Can	03/29/17	238558	L1707828-01	Pass	-28.6	-15.1	-	-	-	-
L1709791-08	IDA-033017-8	0294	Flow 5	03/29/17	238558		-	-	-	Pass	4.5	4.3	5

Project Name: FORMER LEICA MICROSYSTEMS **Lab Number:** L1709791

Project Number: DANA07-15.02 **Report Date:** 04/06/17

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1709791-08	IDA-033017-8	364	2.7L Can	03/29/17	238558	L1706972-01	Pass	-29.8	-6.1	-	-	-	-
L1709791-09	IDA-033017-9	0370	Flow 5	03/29/17	238558		-	-	-	Pass	4.5	4.6	2
L1709791-09	IDA-033017-9	544	2.7L Can	03/29/17	238558	L1708277-01	Pass	-29.7	-10.1	-	-	-	-
L1709791-10	IDA-033017-10	0811	Flow 3	03/29/17	238558		-	-	-	Pass	4.5	3.9	14
L1709791-10	IDA-033017-10	332	2.7L Can	03/29/17	238558	L1706972-01	Pass	-29.6	-5.2	-	-	-	-
L1709791-11	IDA-033017-11	0848	Flow 5	03/29/17	238558		-	-	-	Pass	4.4	3.9	12
L1709791-11	IDA-033017-11	551	2.7L Can	03/29/17	238558	L1706972-01	Pass	-29.7	-10.0	-	-	-	-
L1709791-12	ODA-033017-1	0795	Flow 4	03/29/17	238558		-	-	-	Pass	4.3	4.2	2
L1709791-12	ODA-033017-1	536	2.7L Can	03/29/17	238558	L1707695-01	Pass	-29.4	-4.9	-	-	-	-
L1709791-13	SSV-033017-1	0809	Flow 4	03/29/17	238558		-	-	-	Pass	4.4	4.4	0
L1709791-13	SSV-033017-1	547	2.7L Can	03/29/17	238558	L1708880-01	Pass	-29.1	-5.9	-	-	-	-
L1709791-14	SSV-033017-2	0589	Flow 5	03/29/17	238558		-	-	-	Pass	4.5	4.5	0
L1709791-14	SSV-033017-2	375	2.7L Can	03/29/17	238558	L1708880-01	Pass	-28.1	-5.6	-	-	-	-
L1709791-15	SSV-033017-3	0203	Flow 5	03/29/17	238558		-	-	-	Pass	4.2	3.9	7
L1709791-15	SSV-033017-3	338	2.7L Can	03/29/17	238558	L1707523-01	Pass	-29.5	-9.6	-	-	-	-

Project Name: FORMER LEICA MICROSYSTEMS

Lab Number: L1709791

Project Number: DANA07-15.02

Report Date: 04/06/17

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1709791-16	SSV-033017-4	0237	Flow 5	03/29/17	238558		-	-	-	Pass	4.4	4.2	5
L1709791-16	SSV-033017-4	414	2.7L Can	03/29/17	238558	L1708880-01	Pass	-29.4	-9.7	-	-	-	-
L1709791-17	SSV-033017-5	0292	Flow 5	03/29/17	238558		-	-	-	Pass	4.2	3.9	7
L1709791-17	SSV-033017-5	459	2.7L Can	03/29/17	238558	L1708880-01	Pass	-28.0	-7.1	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1706972
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1706972-01
Client ID: CAN 332 SHELF 10
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/07/17 15:20
Analyst: MB

Date Collected: 03/06/17 16:00
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1706972
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1706972-01
Client ID: CAN 332 SHELF 10
Sample Location:
Date Collected: 03/06/17 16:00
Date Received: 03/07/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1706972

Project Number: CANISTER QC BAT **Report Date:** 04/06/17

Air Canister Certification Results

Lab ID: L1706972-01 Date Collected: 03/06/17 16:00

Client ID: CAN 332 SHELF 10 Date Received: 03/07/17

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1706972
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1706972-01
Client ID: CAN 332 SHELF 10
Sample Location:
Date Collected: 03/06/17 16:00
Date Received: 03/07/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	**Qualifier**	**Units**	**RDL**	**Dilution Factor**
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1706972
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1706972-01
Client ID: CAN 332 SHELF 10
Sample Location:
Date Collected: 03/06/17 16:00
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	101		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1706972
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1706972-01
Client ID: CAN 332 SHELF 10
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/07/17 15:20
Analyst: MB

Date Collected: 03/06/17 16:00
Date Received: 03/07/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1706972

Project Number: CANISTER QC BAT **Report Date:** 04/06/17

Air Canister Certification Results

Lab ID: L1706972-01 Date Collected: 03/06/17 16:00

Client ID: CAN 332 SHELF 10 Date Received: 03/07/17

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1706972
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1706972-01
Client ID: CAN 332 SHELF 10
Sample Location:
Date Collected: 03/06/17 16:00
Date Received: 03/07/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	100		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	99		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1707523
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1707523-01
Client ID: CAN 328 SHELF 3
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/10/17 15:49
Analyst: MB

Date Collected: 03/09/17 16:00
Date Received: 03/10/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1707523
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1707523-01
Client ID: CAN 328 SHELF 3
Sample Location:
Date Collected: 03/09/17 16:00
Date Received: 03/10/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1707523

Project Number: CANISTER QC BAT **Report Date:** 04/06/17

Air Canister Certification Results

Lab ID: L1707523-01 Date Collected: 03/09/17 16:00

Client ID: CAN 328 SHELF 3 Date Received: 03/10/17

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1707523
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1707523-01
Client ID: CAN 328 SHELF 3
Sample Location:
Date Collected: 03/09/17 16:00
Date Received: 03/10/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	**Qualifier**	**Units**	**RDL**	**Dilution Factor**
Tentatively Identified Compounds					
No Tentatively Identified Compounds					

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1707523
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1707523-01
Client ID: CAN 328 SHELF 3
Sample Location:
Date Collected: 03/09/17 16:00
Date Received: 03/10/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1707523
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1707523-01
Client ID: CAN 328 SHELF 3
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/10/17 15:49
Analyst: MB

Date Collected: 03/09/17 16:00
Date Received: 03/10/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1707523
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1707523-01
Client ID: CAN 328 SHELF 3
Sample Location:
Date Collected: 03/09/17 16:00
Date Received: 03/10/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1707523
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1707523-01
Client ID: CAN 328 SHELF 3
Sample Location:

Date Collected: 03/09/17 16:00
Date Received: 03/10/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	98		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	98		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1707695

Project Number: CANISTER QC BAT **Report Date:** 04/06/17

Air Canister Certification Results

Lab ID: L1707695-01
Client ID: CAN 536 SHELF 7
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/13/17 18:41
Analyst: MB

Date Collected: 03/10/17 16:00
Date Received: 03/13/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1707695
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1707695-01
Client ID: CAN 536 SHELF 7
Sample Location:
Date Collected: 03/10/17 16:00
Date Received: 03/13/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1707695

Project Number: CANISTER QC BAT **Report Date:** 04/06/17

Air Canister Certification Results

Lab ID: L1707695-01 Date Collected: 03/10/17 16:00

Client ID: CAN 536 SHELF 7 Date Received: 03/13/17

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1707695
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1707695-01
Client ID: CAN 536 SHELF 7
Sample Location:
Date Collected: 03/10/17 16:00
Date Received: 03/13/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	**Qualifier**	**Units**	**RDL**	**Dilution Factor**
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1707695
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1707695-01
Client ID: CAN 536 SHELF 7
Sample Location:
Date Collected: 03/10/17 16:00
Date Received: 03/13/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	89		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1707695
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1707695-01
Client ID: CAN 536 SHELF 7
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/13/17 18:41
Analyst: MB

Date Collected: 03/10/17 16:00
Date Received: 03/13/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1707695

Project Number: CANISTER QC BAT **Report Date:** 04/06/17

Air Canister Certification Results

Lab ID: L1707695-01 Date Collected: 03/10/17 16:00

Client ID: CAN 536 SHELF 7 Date Received: 03/13/17

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1707695
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1707695-01
Client ID: CAN 536 SHELF 7
Sample Location:
Date Collected: 03/10/17 16:00
Date Received: 03/13/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	92		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1707828
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1707828-01
Client ID: CAN 827 SHELF 13
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/15/17 11:54
Analyst: RY

Date Collected: 03/13/17 16:00
Date Received: 03/15/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1707828
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1707828-01
Client ID: CAN 827 SHELF 13
Sample Location:
Date Collected: 03/13/17 16:00
Date Received: 03/15/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1707828

Project Number: CANISTER QC BAT **Report Date:** 04/06/17

Air Canister Certification Results

Lab ID: L1707828-01 Date Collected: 03/13/17 16:00

Client ID: CAN 827 SHELF 13 Date Received: 03/15/17

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1707828
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1707828-01
Client ID: CAN 827 SHELF 13
Sample Location:
Date Collected: 03/13/17 16:00
Date Received: 03/15/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1707828
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1707828-01
Client ID: CAN 827 SHELF 13
Sample Location:
Date Collected: 03/13/17 16:00
Date Received: 03/15/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
Disiloxane, hexamethyl-	1.4	NJ	ppbV		1
unknown siloxane	3.2	J	ppbV		1
Cyclotrisiloxane, Hexamethyl-	3.2	NJ	ppbV		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	96		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1707828
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1707828-01
Client ID: CAN 827 SHELF 13
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/15/17 11:54
Analyst: RY

Date Collected: 03/13/17 16:00
Date Received: 03/15/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1707828

Project Number: CANISTER QC BAT **Report Date:** 04/06/17

Air Canister Certification Results

Lab ID: L1707828-01 Date Collected: 03/13/17 16:00

Client ID: CAN 827 SHELF 13 Date Received: 03/15/17

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1707828

Project Number: CANISTER QC BAT **Report Date:** 04/06/17

Air Canister Certification Results

Lab ID: L1707828-01 Date Collected: 03/13/17 16:00

Client ID: CAN 827 SHELF 13 Date Received: 03/15/17

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	101		60-140

Project Name:

Lab Number: L1708277

Project Number: CANISTER QC BAT

Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1708277-01
Client ID: CAN 544 SHELF 3
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/18/17 15:32
Analyst: MB

Date Collected: 03/17/17 17:00
Date Received: 03/18/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethyl Alcohol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name:

Lab Number: L1708277

Project Number: CANISTER QC BAT

Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1708277-01
Client ID: CAN 544 SHELF 3
Sample Location:

Date Collected: 03/17/17 17:00
Date Received: 03/18/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
Tertiary-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1

Project Name: **Lab Number:** L1708277

Project Number: CANISTER QC BAT **Report Date:** 04/06/17

Air Canister Certification Results

Lab ID: L1708277-01 Date Collected: 03/17/17 17:00

Client ID: CAN 544 SHELF 3 Date Received: 03/18/17

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl Acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane (C9)	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1

Project Name:

Lab Number: L1708277

Project Number: CANISTER QC BAT

Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1708277-01
Client ID: CAN 544 SHELF 3
Sample Location:

Date Collected: 03/17/17 17:00
Date Received: 03/18/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane (C10)	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane (C12)	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
No Tentatively Identified Compounds					

Project Name: **Lab Number:** L1708277

Project Number: CANISTER QC BAT **Report Date:** 04/06/17

Air Canister Certification Results

Lab ID: L1708277-01 Date Collected: 03/17/17 17:00

Client ID: CAN 544 SHELF 3 Date Received: 03/18/17

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	89		60-140

Project Name:

Lab Number: L1708277

Project Number: CANISTER QC BAT

Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1708277-01
Client ID: CAN 544 SHELF 3
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/18/17 15:32
Analyst: MB

Date Collected: 03/17/17 17:00
Date Received: 03/18/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: **Lab Number:** L1708277

Project Number: CANISTER QC BAT **Report Date:** 04/06/17

Air Canister Certification Results

Lab ID: L1708277-01 Date Collected: 03/17/17 17:00

Client ID: CAN 544 SHELF 3 Date Received: 03/18/17

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: **Lab Number:** L1708277

Project Number: CANISTER QC BAT **Report Date:** 04/06/17

Air Canister Certification Results

Lab ID: L1708277-01 Date Collected: 03/17/17 17:00

Client ID: CAN 544 SHELF 3 Date Received: 03/18/17

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	95		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	93		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1708880
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1708880-01
Client ID: CAN 414 SHEF 1
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/23/17 18:03
Analyst: RY

Date Collected: 03/23/17 09:00
Date Received: 03/23/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1708880
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1708880-01
Client ID: CAN 414 SHEF 1
Sample Location:
Date Collected: 03/23/17 09:00
Date Received: 03/23/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1708880
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1708880-01
Client ID: CAN 414 SHEF 1
Sample Location:
Date Collected: 03/23/17 09:00
Date Received: 03/23/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1708880

Project Number: CANISTER QC BAT **Report Date:** 04/06/17

Air Canister Certification Results

Lab ID: L1708880-01 Date Collected: 03/23/17 09:00

Client ID: CAN 414 SHEF 1 Date Received: 03/23/17

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	**Qualifier**	**Units**	**RDL**	**Dilution Factor**
Tentatively Identified Compounds					
No Tentatively Identified Compounds					

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1708880
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1708880-01
Client ID: CAN 414 SHEF 1
Sample Location:
Date Collected: 03/23/17 09:00
Date Received: 03/23/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	105		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	102		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1708880
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1708880-01
Client ID: CAN 414 SHEF 1
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/23/17 18:03
Analyst: RY

Date Collected: 03/23/17 09:00
Date Received: 03/23/17
Field Prep: Not Specified

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.020	--	ND	0.053	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1708880
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1708880-01
Client ID: CAN 414 SHEF 1
Sample Location:
Date Collected: 03/23/17 09:00
Date Received: 03/23/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1708880
Report Date: 04/06/17

Air Canister Certification Results

Lab ID: L1708880-01
Client ID: CAN 414 SHEF 1
Sample Location:

Date Collected: 03/23/17 09:00
Date Received: 03/23/17
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	105		60-140
bromochloromethane	104		60-140
chlorobenzene-d5	102		60-140

Project Name: FORMER LEICA MICROSYSTEMS
Project Number: DANA07-15.02

Lab Number: L1709791
Report Date: 04/06/17

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information **Custody Seal**
Cooler
N/A Present/Intact

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1709791-01A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30),TO15-SIM(30)
L1709791-02A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30),TO15-SIM(30)
L1709791-03A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30),TO15-SIM(30)
L1709791-04A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30),TO15-SIM(30)
L1709791-05A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30),TO15-SIM(30)
L1709791-06A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30),TO15-SIM(30)
L1709791-07A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30),TO15-SIM(30)
L1709791-08A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30),TO15-SIM(30)
L1709791-09A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30),TO15-SIM(30)
L1709791-10A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30),TO15-SIM(30)
L1709791-11A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30),TO15-SIM(30)
L1709791-12A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30),TO15-SIM(30)
L1709791-13A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30)
L1709791-14A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30)
L1709791-15A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30)
L1709791-16A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30)
L1709791-17A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	FORMER LEICA MICROSYSTEMS	**Lab Number:**	L1709791
Project Number:	DANA07-15.02	**Report Date:**	04/06/17

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Project Name:	FORMER LEICA MICROSYSTEMS	**Lab Number:**	L1709791
Project Number:	DANA07-15.02	**Report Date:**	04/06/17

Data Qualifiers

reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

AIR ANALYSIS

PAGE 1 OF 2

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 3/31/17

ALPHA Job #: L1709791

Client Information

Client: Synapse Property Resources
Address: 360 Erie Blvd East
Syracuse, NY 13202
Phone: 315-475-3700
Fax: 315-475-3780
Email: rcreighton@synapsellc.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Former Leica Microsystems
Project Location: Cheektowaga, NY
Project #: DANA07.13.02
Project Manager: Roger Creighton
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☑ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

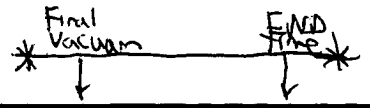
☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NY	NYSDoH	

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐



All Columns Below Must Be Filled Out

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
9791-01	IDA-033017-1	3/30/17	8:37	4:14	-29.12	-8.76	AA		2.7	511	250	X					
-02	IDA-033017-2		8:40	4:11	-28.01	-6.85	AA		2.7	391	046	X					
-03	IDA-033017-3		8:45	4:22	-29.15	-8.33	AA		2.7	105	144	X					
-04	IDA-033017-4		8:17	-7.29	-28.68	4:23	AA		2.7	539	172	X					
-05	IDA-033017-5		8:51	6.96	-29.36	4:24	AA		2.7	403	766	X					
-06	IDA-033017-6		8:19	-9.20	-29.83	3:59	AA		2.7	186	915	X					
-07	IDA-033017-7		8:52	-15.34	-28.71	4:25	AA		2.7	323	699	X					
-08	IDA-033017-8		8:25	-6.68	-29.38	4:06	AA		2.7	364	294	X					
-09	IDA-033017-9		9:00	-10.26	-29.69	4:28	AA		2.7	544	811	X					
-10	IDA-033017-10		8:54	-5.38	-29.71	4:28	AA		2.7	332	370	X					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: CS

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
AAL	3/30/17 16:58	AAL	3/30/17 1700
	3/30/17 1700		3/31/17 0100
	3/31/17 0200		3-31-17 0200
	3-31-17 0315		3/31/17 03:15

Form No: 101-02 Rev: (25-Sep-15)

AIR ANALYSIS

PAGE 2 OF 2

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 3/31/17

ALPHA Job #: L1709791

Client Information

Client: Synapse Property Resources
Address: 360 Erie Blvd East
Syracuse, NY 13202
Phone: 315-475-3700
Fax: 315-475-3780
Email: rcreighton@synapsellc.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: former Leica Microsystems
Project Location: Cheektowaga, NY
Project #: DANA07.15.02
Project Manager: Roger Creighton
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☑ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☑ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NY	NYSDOH	

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

Final Vacuum

END TIME

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
-11	IDA-033017-11	3/30/17	8:47	-5.35	-19.82	3:57	AA		2.7	551	847	X					
-12	ODA-033017-1		9:02	-9.40	-31.38	4:45	AA		2.7	536	795	X					
-13	SSV-033017-1		8:24	-6.52	-29.73	4:05	SV		2.7	547	809	X					
-14	SSV-033017-2		8:18	-6.27	-29.90	3:58	SV		2.7	375	589	X					
-15	SSV-033017-3		8:16	-10.44	-29.20	3:52	SV		2.7	338	203	X					
-16	SSV-033017-4		8:36	-10.46	-29.91	4:13	SV		2.7	414	237	X					
-17	SSV-03017-5	↓	8:39	-7.27	-27.60	4:09	SV		2.7	459	292	X					

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: C5

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
	3/30/17 16:59	FedEx AAL	3/30/17 1700
FedEx AAL	3/30/17 1700		3/31/17 Wire
	3/31/17 0200		3-30-17 0200
H. Vlachos	3-31-17 0315		3/31/17 03:15

Form No: 101-02 Rev: (25-Sep-15)