



EA Engineering, Science, and Technology, Inc., PBC

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12 September 2018

Mr. Joseph T. Martella II, Senior Engineer
Site Remediation Program
Office of Waste Management
RI Department of Environmental Management
235 Promenade Street
Providence, RI 02908

*RE: Quarterly O&M Status Report No. 44
Alvarez High School, 333 Adelaide Avenue, Providence, Rhode Island
Case No. 2005-029
EA Project No. 15066.06*

Dear Mr. Martella:

On behalf of the City of Providence School Department (City), EA Engineering, Science, and Technology, Inc., PBC (EA) is providing this Quarterly Operations and Maintenance (O&M) Status Report in accordance with Provision 6(f) of the Order of Approval and amendments (Amended OA) for the referenced Alvarez High School site (the Site, formerly Adelaide Avenue High School).

This O&M Report summarizes recently-completed Site activities related to compliance subslab vapor and indoor air sampling for the period from June 2018 through August 2018.

If you have any questions or require additional information, please contact me at (401) 736-3440, Ext. 1809.

Sincerely,

EA ENGINEERING, SCIENCE,
AND TECHNOLOGY, INC., PBC

Frank B. Postma, LSP, LEP, PG
Project Manager

cc:	C. Maher, Prov. Dept. of Public Schools B. Nickerson, Prov. Redevelopment Agency R. Dorr, Neighborhood Resident Rep. Scott Slater	A. Buco, Prov. Dept. of Public Property Knight Memorial Library Repository Principal Hawkins, Alvarez High School
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Quarterly O&M Status Report No. 44

Summarizing Subslab Depressurization and Indoor Air Monitoring and Sampling Activities

**Alvarez High School Site
(Formerly Adelaide Avenue High School)
Providence, Rhode Island**

Prepared for

City of Providence School Department
797 Westminster Street
Providence, Rhode Island 02903

Prepared by

EA Engineering, Science, and Technology, Inc., PBC
301 Metro Center Blvd., Suite 102
Warwick, Rhode Island 02886
(401) 736-3440

EA Project No. 15066.06
September 2018

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1. INTRODUCTION AND BACKGROUND

On behalf of the City of Providence School Department (the City), EA Engineering, Science, and Technology, Inc., PBC (EA) has prepared this Quarterly Operations and Maintenance (O&M) Status Report No. 44 for the Parcel B area of the former Gorham Manufacturing site in Providence, Rhode Island, formerly referred to as Adelaide Avenue High School and now referred to as Alvarez High School (the Site). A Site Location Map is provided as Figure 1. This report has been prepared to satisfy provision 6(f) of the Rhode Island Department of Environmental Management (RIDEM) Order of Approval (OA) issued in June 2006, as amended in February 2007, July 2007, and July 2009. For the purposes of this report, the original and the amended OA will collectively be referred to as the Amended OA.

The Amended OA specifies the details of the approved remedy for the Site including, but not limited to, the installation of a subslab depressurization (SSD) system, installation of a continuous indoor air methane monitoring system, and implementation of an associated periodic monitoring and sampling program. In August 2007, the RIDEM-approved remedy for the Site was completed and a Remedial Action Closure Report (RACR) was submitted to RIDEM. In July 2009, the periodic indoor air and subslab vapor sampling schedule was reduced to quarterly sampling from previously required monthly sampling.

This report summarizes the O&M, monitoring, and sampling activities completed at the Site for the three-month period from June 2018 through August 2018 (Quarterly Reporting Period No. 44). Please refer to Quarterly O&M Status Reports No. 1 through No. 43 for information regarding monitoring and sampling at the Site during the previous quarters. The RACR and previously-submitted monthly correspondence contain details regarding the results of the monitoring and sampling program for the period prior to Reporting Period No. 1.

2. SUMMARY OF SSD SYSTEM AND INDOOR METHANE MONITORING SYSTEM PERFORMANCE

2.1 SSD SYSTEM AND RELATED MONITORING

The following SSD system performance parameters were inspected and/or monitored at the frequencies indicated below in accordance with the Amended OA and through discussions with RIDEM to evaluate system performance:

- Monthly sub-slab monitoring of vacuum pressure and vapor-phase constituents (8 June, 27 July 2018, and 7 August 2018) at 11 monitoring locations, as illustrated on the As-Built Subslab Monitoring and Sampling Plan provided as Figure 3.
- Quarterly sampling (27 July 2018) of eight indoor air locations, one ambient outdoor air location, and six subslab points.
- Monthly inspections and monitoring (air velocity and vacuum) and an annual sampling (27 July and 7 August 2018) of the three rooftop fans to verify proper operation and effluent concentrations.
- Continuous electronic monitoring (with automatic alarm notification via audible signal and phone notification) at each of three SSD system extraction fans to ensure continuous operation.
- Replacement of two rooftop fans and a subsequent inspection to verify proper installation and operation.

Vacuum measurements taken at each interior and perimeter subslab monitoring/sampling locations ranged from -0.01 to -0.18 in. of water column. Negative measurements confirm that a negative pressure exists beneath the building slab due to continuous fan operation.

All rooftop fans were operating correctly during this reporting period. Rooftop Fans 1 and 2 were replaced on 10 August 2018 due to normal equipment wear since installation in 2007¹. On 22 August 2018, EA monitored vacuum pressure at all subslab points and Rooftop Fans 1 and 2 to ensure the new equipment was operational and functioning as intended. Vacuum pressure was negative at all subslab points, and pressure and air velocity recorded at Rooftop Fans 1 and 2 were within normal ranges.

Lastly, deficiencies were noted in the engineered cap during monthly monitoring events this quarter. An 8-inch depression by the front door and a hole 6-inch depression under a roof leader downspout at the back of the building were noted as eroded. Another eroded area approximately 3-4 inches deep was also observed near the back door to the school. Depth of landscape erosion has been slowly increasing since spring 2017. EA has met with city staff to correct the

¹ Rooftop Fan 3 replaced on 16 October 2017 due to normal equipment wear since installation in 2007

deficiencies as soon as possible. EA has been informed that the Providence Public School Department will be correcting these deficiencies.

Copies of O&M field forms summarizing SSD System monitoring data collected during this reporting period are provided in Appendix A.

2.2 INDOOR METHANE MONITORING SYSTEM

Indoor methane concentrations were continuously monitored by an indoor methane monitoring system equipped with automatic alarm notification via audible signal and phone notification within the school at eight RIDEM-approved locations (refer to the Indoor Air Sampling and Methane Monitoring System Diagram provided as Figure 2) during this reporting period. The annual cell phone contract was renewed before its expiration on 13 December 2017 for another year of service. The methane monitoring system was inspected, and the filters were replaced on 7 August 2018. The next filter replacement is scheduled for November 2018.

On the evening of 2 August 2018, EA received a system fault alarm from the indoor methane monitoring system. EA responded to the site in attempt to investigate the cause, however the school was closed and EA was unable to gain immediate access to the building. EA returned to the site on the mornings of 3 August and 6 August to examine the system for faults and interruptions. The monitoring system, control panel and auto dialer all appeared to be operational and functioning as designed. On 7 August 2018, EA conducted monthly monitoring and did not detect any methane in ambient indoor air, outdoor air, or at the soil vapor monitoring points. EA further tested the cell phone autodialer unit by triggering an alarm condition; the autodialer functioned as intended and notified emergency contacts of the alarm condition. The cause of the fault notification on 2 August 2018 could not be determined and no evidence of methane gas has been detected at the site since the alarm was triggered.

2.3 AMBIENT OUTDOOR AND INDOOR AIR SAMPLING

One ambient outdoor air sample and the eight indoor air samples were collected at the site at RIDEM-approved sampling locations during the quarterly sampling event on 27 July 2018. The samples collected in July 2018 were submitted to Con-Test Analytical Laboratory (Con-Test) for analysis of volatile organic compounds (VOCs) via Method TO-15 Selective Ion Monitoring (SIM). Each summa canister used during this monitoring period was individually certified to ensure that all containers were devoid of residual contamination. The typical summa canister certification process occurs in batches. However, individual certification was requested by RIDEM for this and future sampling events after residual contamination affected the 1 August 2014 sampling results.

Sample results were compared to the State of Connecticut's Draft Proposed Indoor Residential Targeted Air Concentrations (CT RTACs) and the RIDEM approved threshold level in accordance with the Amended OA. Sampling locations for the indoor air samples are illustrated on Figure 3. The ambient outdoor air sample was collected upwind (southeast) of the school. A

data summary table is provided as Appendix B and a copy of the laboratory data report associated with this sampling event is provided in Appendix E.

Two analytes were identified in indoor air above the CT RTACs and RIDEM threshold levels during the July 2018 quarterly sampling event. Chloroform was detected in the Cafeteria at a concentration of 0.8 $\mu\text{g}/\text{m}^3$, which exceeds the RIDEM amended threshold value of 0.5 $\mu\text{g}/\text{m}^3$. Chloroform is a common ingredient in, or can form as a byproduct of, cleaning products and some insecticides. It is also a common laboratory contaminant. Insecticides and cleaning chemicals have historically been used at the school. The detections during the 27 July 2018 sampling event are consistent with historical chloroform detections in the Cafeteria (historical values between 0.07 $\mu\text{g}/\text{m}^3$ and 0.79 $\mu\text{g}/\text{m}^3$) and are not believed to be not attributable to soil vapor intrusion.

Carbon tetrachloride was detected in the Cafeteria at a concentration of 0.5 $\mu\text{g}/\text{m}^3$, exceeding the RIDEM amended threshold value of 0.5 $\mu\text{g}/\text{m}^3$. Carbon tetrachloride is a documented background ambient compound in the area and the compound has consistently been detected in ambient outdoor air and inside the school during many of the sampling events completed at the Site. The detections during the July 2018 sampling event are consistent with historical carbon tetrachloride concentrations measured in the Cafeteria (historical values ranging between 0.19 $\mu\text{g}/\text{m}^3$ and 0.70 $\mu\text{g}/\text{m}^3$) and are not believed to be attributable to soil vapor intrusion.

No other analytes were identified in indoor air samples above the CT RTACs and RIDEM threshold levels during the July 2018 quarterly sampling event.

2.4 SUBSLAB VAPOR SAMPLING AND EVALUATION OF POTENTIAL VOC REBOUND EFFECT

A total of 11 RIDEM-approved subslab sampling locations are installed at the Site. Six subslab samples were collected on the rotating schedule in accordance with the Amended OA and analyzed for VOCs via US EPA Method TO-15 SIM. Four exterior subslab vapor samples and two interior subslab vapor samples were collected on 27 July 2018. The subslab analytical results are presented in Appendix C and a copy of the laboratory data report associated with this sampling event is included in Appendix E. The locations for sub-slab sampling are illustrated on Figure 3.

The subslab data has been evaluated for potential rebound. No long-term evidence of increasing VOCs (i.e., VOC rebound) beneath the school has been observed, however slight seasonal fluctuations in concentrations were noted during this reporting period. Trichloroethylene (TCE) was detected at IMP-2 at a concentration of 74 $\mu\text{g}/\text{m}^3$, the highest concentration detected at IMP-2 since the system was installed in 2007 (historical range of 15 $\mu\text{g}/\text{m}^3$ to 44 $\mu\text{g}/\text{m}^3$ at IMP-2). TCE was also detected at MP-4 at a concentration of 140 $\mu\text{g}/\text{m}^3$, the highest concentration detected at MP-4 since the system was installed in 2007 (historical range of 6.8 $\mu\text{g}/\text{m}^3$ to 92 $\mu\text{g}/\text{m}^3$ at MP-4).

Additionally, tetrachloroethylene (also known as perchloroethylene, or PCE), was detected at IMP-2 at a concentration of 18 µg/m³. Though this concentration is within historical PCE detections at IMP-2 (historical concentrations ranging between 0.21 µg/m³ and 26 µg/m³), PCE concentrations at the other July 2018 subslab sample points ranged from 0.68 µg/m³ to 2.5 µg/m³.

Although elevated TCE and PCE concentrations were detected at IMP-2 and MP-4 during the 27 July 2018 sampling, there were no exceedances of these constituents in the indoor air sampling results. Furthermore, long-term trends of increasing TCE and PCE vapors have not been observed at IMP-2, MP-4, or the other subslab points. Fluctuating concentrations may be due to seasonal environmental factors such as increased air temperature and pressure variances. EA will continue to closely monitor TCE and PCE trends at the site for any indication of rebound.

2.5 SUMMARY OF ROOFTOP VOC EMISSIONS

The Amended OA requires that rooftop VOC sampling be completed on an annual basis. Rooftop sampling was conducted on 27 July 2018 (Rooftop Fans #1 and #3), and on 7 August 2018 (Rooftop Fan #2). Rooftop Fan #2 was originally sampled on 27 July 2018 however the summa canister tubing became dislodged during sample collection, introducing ambient air to the sample. For data quality purposes, Rooftop Fan #2 was resampled on 7 August 2018. The results of rooftop fan sampling events are summarized in Appendix D. No exceedances of the RIDEM Air Pollution Control Permit Applicability Thresholds for hourly, daily, or annual emissions were observed. The next annual rooftop effluent VOC sampling event is scheduled for July 2019.

Previous rooftop effluent sampling rounds conducted in March 2007 (immediately after SSD system startup), June 2007, June 2008, September 2009, July 2010, July 2011, July 2012, July 2013, October 2014, July 2015, and July 2016 indicated compliance with all Air Pollution Control Permit Applicability Thresholds. Tabulation of the data and the rooftop sampling analytical report is provided as Appendix D. Concentrations of VOCs in rooftop fan vents continue to be evaluated based on the regulatory thresholds and their effect to background air at the school and the nearby residential neighborhood. RIDEM conducted roofline and downwind outdoor air sampling during the 22 October 2014 monitoring event to determine if rooftop fan exhaust was possibly infiltrating the building or impacting downwind air. The roofline and downwind sample concentrations were approximately the same as the upwind sample concentration and significantly lower than those concentrations observed in the rooftop fan exhaust. This data indicated that exhausted vapors from the rooftop fans were well dispersed and are not causing significant impacts downwind or inside the building.

2.6 CONCLUSIONS

The following conclusions are made based upon the completed inspections, monitoring, and sampling performed during this reporting period:

- The consistent negative pressure maintained below the floor slab indicates that soil vapor intrusion into Alvarez High School is not occurring.
- The continuous operation of the SSD System and confirmation of continuous sub-slab vacuum beneath the school illustrates ongoing, effective operation of the SSD System.
- Deficiencies noted in the SSD system and the engineered cap in since January 2017 need to be corrected.
- The subslab data was evaluated for potential rebound in accordance with the Amended OA. No evidence of increasing VOCs (i.e., VOC rebound) beneath the school has been observed. Fluctuations in concentrations were noted during this reporting period; these variations do not constitute an increasing trend.
- The use of certified clean summa canisters, as requested by RIDEM, yielded confidence in the samples collected in July and August 2018. EA will continue to use certified clean canisters in the upcoming sampling events.
- The cause of the fault notification on 2 August 2018 could not be determined. Subsequent screening and system trouble shooting found no indication of methane entering the building and that the blowers were functioning as designed.

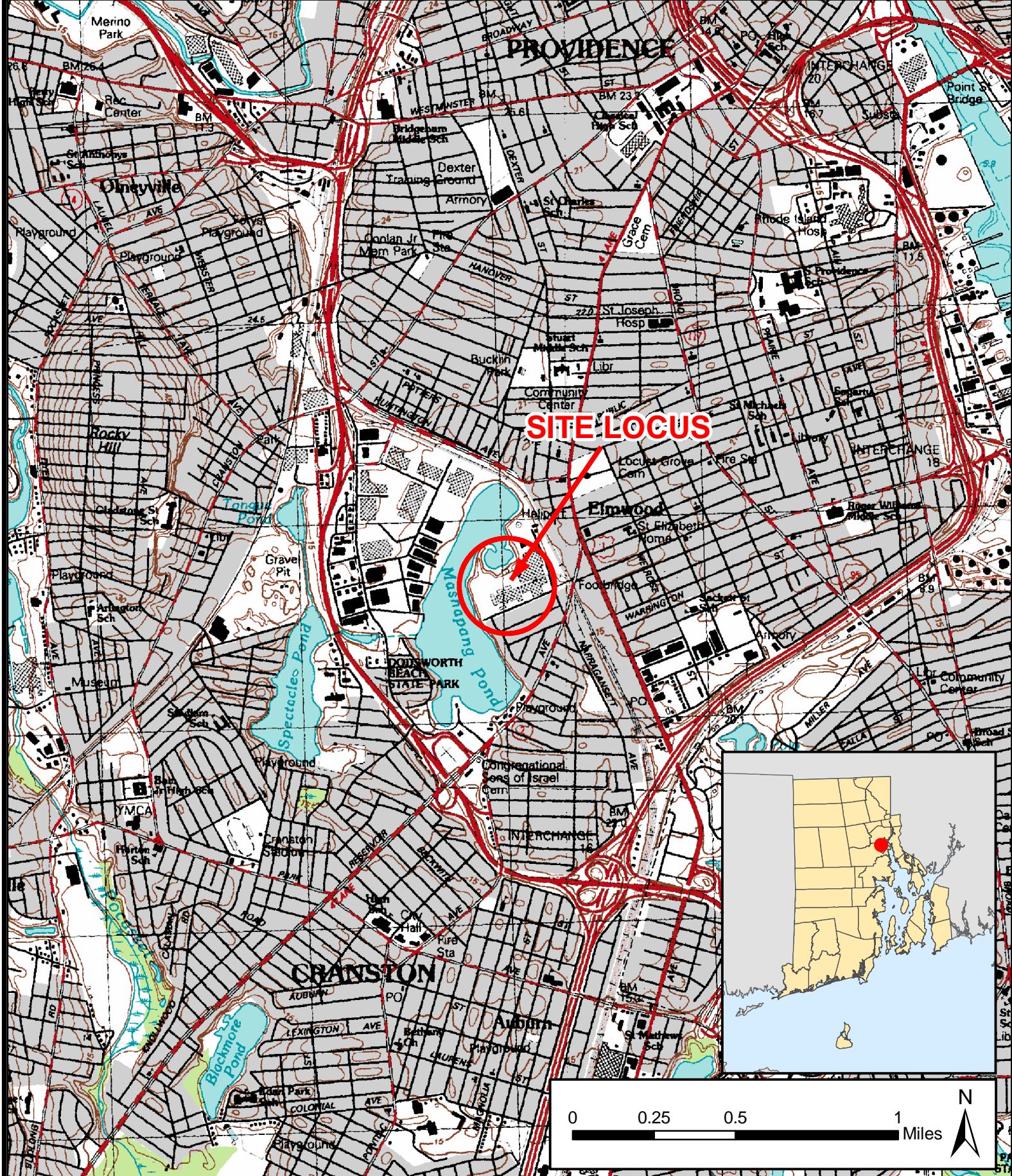
3. FUTURE ACTIVITIES AND NEXT QUARTERLY SUMMARY REPORT

The following activities will be completed in accordance with the Amended OA during the next quarterly status reporting period from September 2018 to November 2018:

- Continuous monitoring of the operational status of the three rooftop fans;
- Monthly site inspections and monitoring using a photoionization detector with part-per-billion sensitivity;
- Collection of air samples from eight indoor locations, one ambient location, and six subslab monitoring points in October 2018; and
- Initiate repairs to the engineered cap

These activities will be summarized in the next status report (Quarterly Status Report No. 45), expected to be submitted by the end of December 2018.

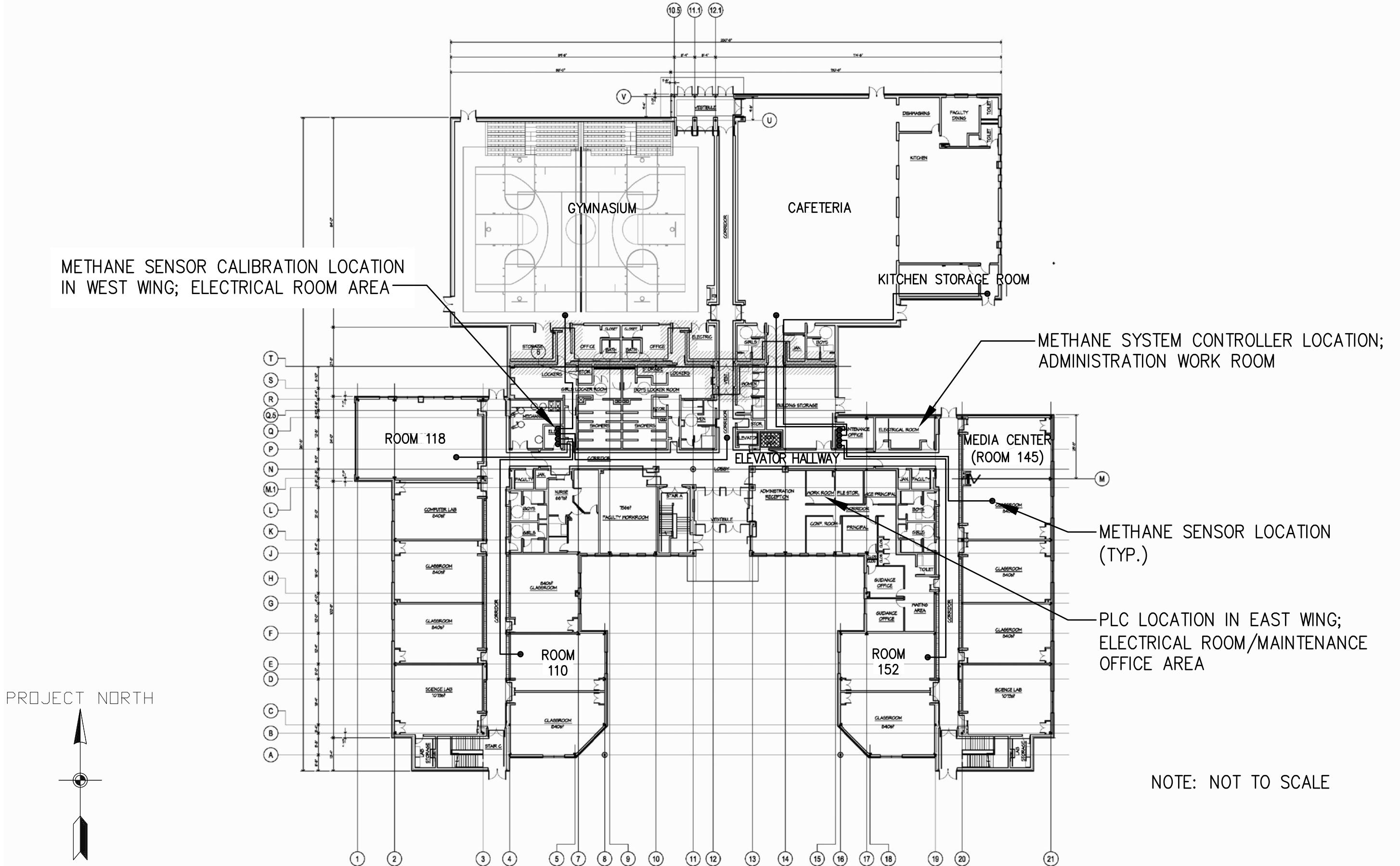
FIGURES



ALVAREZ HIGH SCHOOL
333 ADELAIDE AVENUE
PROVIDENCE, RHODE ISLAND

FIGURE 1
SITE LOCUS

PROJECT MGR:	DESIGNED BY:	CREATED BY:	CHECKED BY:	SCALE:	DATE:	PROJECT NO:	FILE NO:
FP	PT	PT	FP	1:24,000	FEBRUARY 2010	14687.01	SITE_LOCUS.MXD



NOTE: NOT TO SCALE



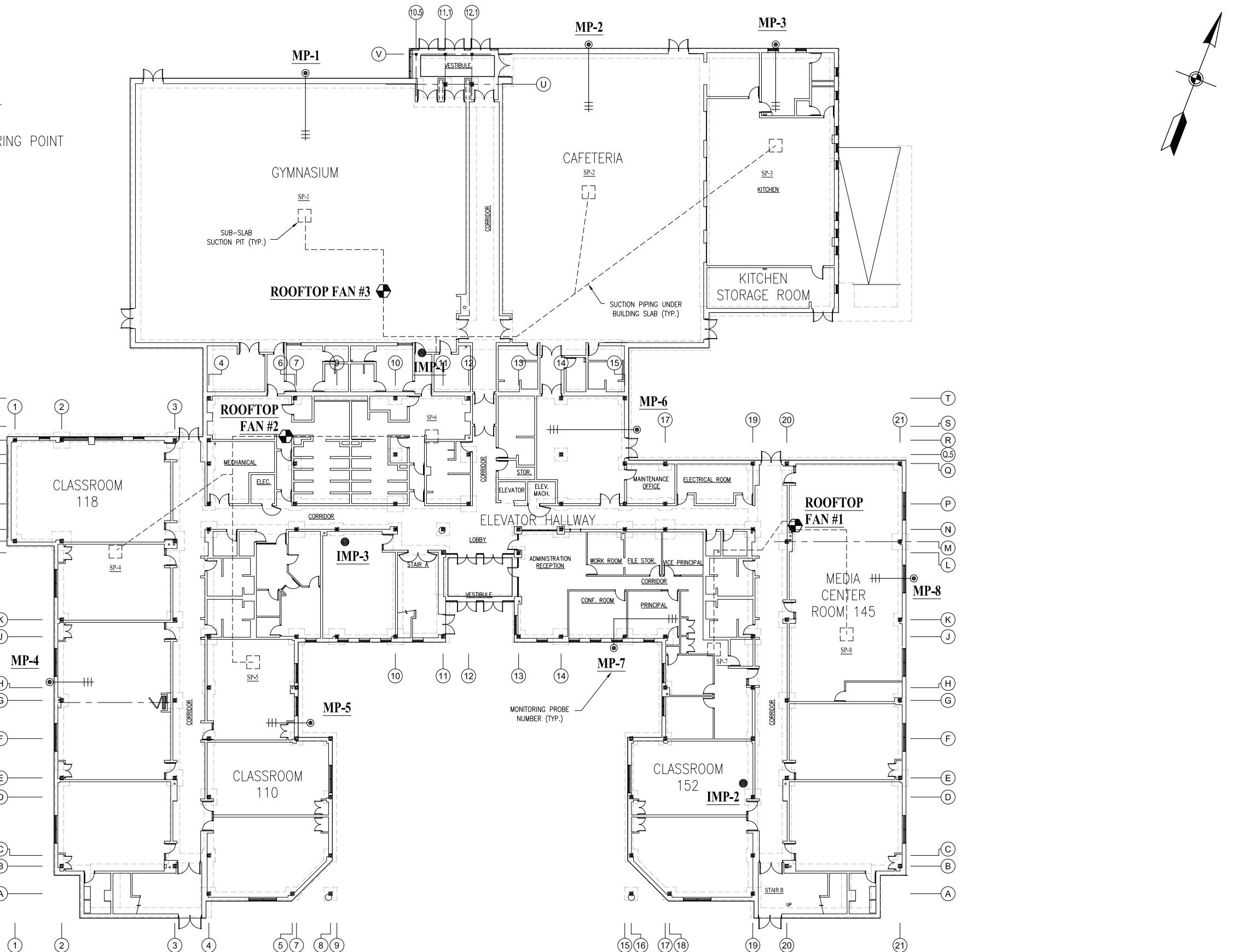
DESIGNED BY RGM	DRAWN BY DPA	DATE OCT. 16, 2013	PROJECT NO. 15066.01	FILE NAME ALVAREZ LAYOUT
CHECKED BY ERP	PROJECT MGR. ERP	SCALE NTS	DRAWING NO. —	FIGURE 2

INDOOR AIR SAMPLING AND METHANE MONITORING
SYSTEM DIAGRAM – ALVAREZ HIGH SCHOOL
PROVIDENCE, RHODE ISLAND

QUARTERLY STATUS REPORT FIGURE 2

LEGEND:

- SUB-SLAB MONITORING POINT
- INTERIOR SUB-SLAB MONITORING POINT
- +— SLOTTED 1 INCH PVC PIPING
- ◆ ROOFTOP FAN LOCATION
- SP-1 SSD SYSTEM SUCTION PIT
- +— SOLID 4 INCH PVC PIPING



DESIGNED BY RGM	DRAWN BY DPA	DATE OCT. 16, 2013	PROJECT NO. 15066.01	FILE NAME FIG 3
CHECKED BY FBP	PROJECT MGR. FBP	SCALE NTS	DRAWING NO. N/A	FIGURE 3

AS-BUILT
SUB SLAB MONITORING AND SAMPLING LOCATIONS
ALVAREZ HIGH SCHOOL
PROVIDENCE, RHODE ISLAND

QUARTERLY STATUS REPORT
FIGURE 3

APPENDIX A

O&M Field Forms



EA Engineering, Science, and Technology, Inc.,
PBC

Alvarez High School - SSD & Interior Methane Monitoring System O&M

Date of O&M: 6/8/18

Performed by: B. Chambers

PID/Methane Calibration? yes (yes/no)

PID Calibration Result: 10 ppm

Date of last Methane Sensor Filter

Replacement: May 23

Replaced this O&M Visit? No

General Status of SSD System: Good, negative pressure

General Status of Methane Monitoring System:

Good, functioning properly

Eng. Cap/Fence Inspection

Performed/Notes: Erosion by front + Back Entrances

(take photographs of any deficiencies noted)

Monitoring/ Sampling Location	Sub-slab or gauge vacuum	Air Velocity (fpm)	VOC Monitoring PID (ppb)	Methane Monitoring		Air/Vapor Sample Collection					Comments/Notes (Ambient weather conditions, status of HVAC, possible monitoring/sampling interferences, etc)	
				Indoor Sensor (ppm)	(% Gas) (% LEL)*	Summa Can ID	Controller ID	Start Time	Start Vac (inches Hg)	End Time	End Vac (inches Hg)	
Gymnasium	NA	NA	0	0	0 0	-						
Cafeteria	NA	NA	0	0	0 0	-						
Kitchen Storage Room	NA	NA	0	0	0 0	-						
Elevator Hallway	NA	NA	0	0	0 0	-						
Room 145	NA	NA	0	0	0 0	-						
Room 152	NA	NA	0	0	0 0	-						
Room 118	NA	NA	0	0	0 0	-						
Room 110	NA	NA	0	0	0 0	-						
MP-1	-0.05	NA	0	NA	0 0	-						
MP-2	-0.09	NA	0	NA	0 0	-						
MP-3	-0.10	NA	0	NA	0 0	-						
MP-4	-0.11	NA	0	NA	0 0	-						
MP-5	-0.08	NA	0	NA	0 0	-						
MP-6	-0.05	NA	0	NA	0 0	-						
MP-7	-0.01	NA	0	NA	0 0	-						
MP-8	-0.15	NA	0	NA	0 0	-						
IMP-1	-0.04	NA	0	NA	0 0	-						
IMP-2	-0.01	NA	0	NA	0 0	-						
IMP-3	-0.01	NA	101	NA	0 0	-						
Roof-Top Fan 1	-1.6	2012	0	NA	0 0	-						
Roof-Top Fan 2	-1.8	1904	0	NA	0 0	-						
Roof-Top Fan 3	-2.1	1930	0	NA	0 0	-						
Ambient Outdoor Air	NA	NA	0	NA	0 0	-						calm, no wind

NA: not applicable.

NM: not monitored on this date.

NS : not sampled on this date.

* RIDEM Action Level for methane %LEL beneath the building is 10% and within the building is 1%.

If these methane levels are exceeded, immediately notify EA Project Manager to initiate response protocol.

Sunny, 75°F



EA Engineering, Science, and

Alvarez High School - SSD & Interior Methane Monitoring System O&MDate of O&M: 7/27/2018Performed by: DA & BCPID/Methane Calibration? Yes (yes/no)PID Calibration Result: 10 ppmDate of last Methane Sensor Filter Replacement: May 2018Replaced this O&M Visit? No (yes/no)**Working**

General Status of SSD System:

General Status of Methane Monitoring System:

Working

Eng. Cap/Fence Inspection

Performed/Notes: same as previous

(take photographs of any deficiencies noted)

Monitoring/ Sampling Location	Sub-slab or gauge vacuum	Air Velocity (fpm)	VOC Monitoring PID (ppb)	Methane Monitoring			Air/Vapor Sample Collection						Comments/Notes (Ambient weather conditions, status of HVAC, possible monitoring/sampling interferences, etc continue on separate sheet if needed)
				Indoor Sensor (ppm)	(% Gas)	(% LEL)*	Summa Can ID	Controller ID	Start Time	Start Vac (in. Hg)	End Time	End Vac (in. Hg)	
Gymnasium	NA	NA	0	0	0	0	2142	4288	0:55 A	-29.5	1:24 A	-5	
Cafeteria	NA	NA	0	0	0	0	2025	4289	0:41 A	-28	1:10 A	-5	
Kitchen Storage Room	NA	NA	0	0	0	0	2033	4300	0:45 A	-30	1:14 A	-5	
Elevator Hallway	NA	NA	0	0	0	0	2156	4295	0:17 A	-27	0:50 A	-2	
Room 145	NA	NA	0	0	0	0	1886	4181	1:51 A	-30	2:24 P	-5	
Room 152	NA	NA	0	0	0	0	1452	4180	1:54 A	-30	2:25 P	-5	
Room 118	NA	NA	0	0	0	0	2228	4206	1:47 A	-28	2:17 P	-2	
Room 110	NA	NA	0	0	0	0	2014	4190	1:50 A	-29.5	2:19 P	-3.5	
MP-1	-0.04	NA	0	NA	0	0	1996	4285	9:13 AM	-28	9:42 AM	-5	
MP-2	-0.01	NA	0	NA	0	0	-	-		-		-	
MP-3	-0.06	NA	0	NA	0	0	2015	4194	9:05 AM	-28	9:36 AM	-2	
MP-4	-0.09	NA	0	NA	0	0	2130	4310	9:23 AM	-30	9:56 AM	-3.5	
MP-5	-0.1	NA	637	NA	0	0	-	-		-		-	ambient air showed around 1600 on pid, on well dropped slowly from
MP-6	-0.08	NA	0	NA	0	0	2146	4311	8:59 AM	-29	9:29 AM	-4	
MP-7	-0.02	NA	1313	NA	0	0	-	-		-		-	pid started @2800 and began to slowly drop
MP-8	-0.02	NA	0	NA	0	0	-	-		-		-	
IMP-1	-0.01	NA	0	NA	0	0	1843	4283	0:27 A	-28.5	0:57 A	-4	
IMP-2	-0.01	NA	0	NA	0	0	1675	4073	0:32 A	-29.5	1:01 A	-5	
IMP-3	-0.01	NA	0	NA	0	0	-	-		-		-	
Roof-Top Fan 1	-1.8	1945	0	NA	0	0	1112	4197	1:00 A	-25	1:30 A	0	
Roof-Top Fan 2	-1.7	1964	0	NA	0	0	2183	4196	0:57 A	-28	1:35 A	0	during midway check in tubing was found to be dislodged. reapplied for 15 min until 0 pressure
Roof-Top Fan 3	-2.0	2011	4	NA	0	0	1053	4093	1:19 A	-28	1:49 A	-5	
Ambient Outdoor Air	NA	NA	0	NA	0	0	2186	4294	8:53 AM	-28	9:26 AM	-2	Placed in Southeast corner of parking lot

NA: not applicable.

NM: not monitored on this date.

NS : not sampled on this date.

* RIDEM Action Level for methane %LEL beneath the building is 10% and within the building is 1%. If these methane levels are exceeded, immediately notify EA Project Manager to initiate response protocol.



EA Engineering, Science, and

Alvarez High School - SSD & Interior Methane Monitoring System O&MDate of O&M: 8/7/2018Performed by: B. ChambersPID/Methane Calibration? yes (yes/no)PID Calibration Result: 10Date of last Methane Sensor Filter Replacement: 8/7/18Replaced this O&M Visit? Yes (yes/no)good

General Status of SSD System:

General Status of Methane Monitoring System:

good

Eng. Cap/Fence Inspection

Performed/Notes: good, erosion near doors

(take photographs of any deficiencies noted)

Monitoring/ Sampling Location	Sub-slab or gauge vacuum	Air Velocity (fpm)	VOC Monitoring PID (ppb)	Methane Monitoring			Air/Vapor Sample Collection						Comments/Notes (Ambient weather conditions, status of HVAC, possible monitoring/sampling interferences, etc continue on separate sheet if needed)
				Indoor Sensor (ppm)	(% Gas)	(% LEL)*	Summa Can ID	Controller ID	Start Time	Start Vac (in. Hg)	End Time	End Vac (in. Hg)	
Gymnasium	NA	NA	0	0	0	0							
Cafeteria	NA	NA	0	0	0	0							
Kitchen Storage Room	NA	NA	0	0	0	0							
Elevator Hallway	NA	NA	0	0	0	0							
Room 145	NA	NA	0	0	0	0							
Room 152	NA	NA	0	0	0	0							
Room 118	NA	NA	0	0	0	0							
Room 110	NA	NA	0	0	0	0							
MP-1	-0.06	NA	0	NA	0	0							
MP-2	-0.11	NA	0	NA	0	0							
MP-3	-0.01	NA	0	NA	0	0							
MP-4	-0.10	NA	0	NA	0	0							
MP-5	-0.11	NA	0	NA	0	0							
MP-6	-0.10	NA	0	NA	0	0							
MP-7	-0.01	NA	0	NA	0	0							
MP-8	-0.17	NA	0	NA	0	0							
IMP-1	0.03	NA	0	NA	0	0							
IMP-2	-0.01	NA	0	NA	0	0							
IMP-3	-0.01	NA	0	NA	0	0							
Roof-Top Fan 1	-1.8	2062	0	NA	0	0							
Roof-Top Fan 2	-1.6	2154	0	NA	0	0	2189	4090	1:40 A	-28	2:10 P	-2.5	
Roof-Top Fan 3	-1.8	1795	0	NA	0	0							
Ambient Outdoor Air	NA	NA	0	NA	0	0							wind from southeast, breezy, sunny , 39 degF

NA: not applicable.

NM: not monitored on this date.

NS : not sampled on this date.

* RIDEM Action Level for methane %LEL beneath the building is 10% and within the building is 1%. If these methane levels are exceeded, immediately notify EA Project Manager to initiate response protocol.



EA Engineering, Science, and

Alvarez High School - SSD & Interior Methane Monitoring System O&MDate of O&M: 8/22/2018Performed by: B. ChambersPID/Methane Calibration? N/A (yes/no)PID Calibration Result: N/ADate of last Methane Sensor Filter Replacement: 8/7/18Replaced this O&M Visit? No (yes/no)

good; Purpose of Site Visit is to confirm operational status of SSD post Rooftop Fans #1 and #2 replacement

General Status of SSD System:

General Status of Methane Monitoring

System:

Eng. Cap/Fence Inspection

Performed/Notes: good, erosion near doors

(take photographs of any deficiencies noted)

Monitoring/ Sampling Location	Sub-slab or gauge vacuum	Air Velocity (fpm)	VOC Monitoring PID (ppb)	Methane Monitoring			Air/Vapor Sample Collection					Comments/Notes (Ambient weather conditions, status of HVAC, possible monitoring/sampling interferences, etc continue on separate sheet if needed)
				Indoor Sensor (ppm)	(% Gas)	(% LEL)*	Summa Can ID	Controller ID	Start Time	Start Vac (in. Hg)	End Time	
Gymnasium	NA	NA										
Cafeteria	NA	NA										
Kitchen Storage Room	NA	NA										
Elevator Hallway	NA	NA										
Room 145	NA	NA										
Room 152	NA	NA										
Room 118	NA	NA										
Room 110	NA	NA										
MP-1	-0.10	NA		NA								
MP-2	-0.07	NA		NA								
MP-3	-0.07	NA		NA								
MP-4	-0.13	NA		NA								
MP-5	-0.14	NA		NA								
MP-6	-0.11	NA		NA								
MP-7	-0.02	NA		NA								
MP-8	-0.18	NA		NA								
IMP-1	-0.03	NA		NA								
IMP-2	-0.01	NA		NA								Water observed around monitoring point, cap was adjar when arrived to
IMP-3	-0.01	NA		NA								monitoring point; Water suspected from floor cleaning
Roof-Top Fan 1	-1.8	2280		NA								
Roof-Top Fan 2	-1.8	2052		NA								
Roof-Top Fan 3	-	-		NA								
Ambient Outdoor Air	NA	NA		NA								

NA: not applicable.

NM: not monitored on this date.

NS : not sampled on this date.

* RIDEM Action Level for methane %LEL beneath the building is 10% and within the building is 1%. If these methane levels are exceeded, immediately notify EA Project Manager to initiate response protocol.



EA Engineering, Science, and Technology, Inc., PBC

Alvarez High School - SSD & Interior Methane Monitoring System O&M

Photograph 1	Photograph 2
	
Description of image: New fan equipment on Rooftop Fan #1.	Description of image: Water observed under cap at IMP-2. Cap was dislodged and water is suspected from custodial floor cleaning.

Photograph 3	Photograph 4
Description of image:	Description of image:

APPENDIX B

Indoor and Ambient Outdoor Air Analytical Summary

Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds
February 2008 - July 2018

Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)		
			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual			
Acetone	180.0	8-Feb-08	20.200		8.240		4.750	U	4.750	U	6.870		8.060		4.750	U	4.780						4.750	U	
		27-Mar-08 ²	576.000		186.000		108.000		89.900		24.700		38.300		76.700		47.400						5.870		
		25-Apr-08	61.700		12.900		19.000		15.100		14.800		18.600		12.500		17.100						6.670		
		29-May-08	19.500		16.000		12.800		16.200		10.900		17.200		13.200		11.600						7.480		
		27-Jun-08	87.900		20.000		20.500		27.700		28.900		29.000		26.000		29.800						19.700		
		31-Jul-08	32.200		17.200		20.800		16.800		23.800		20.000		18.600		23.500						20.000		
		28-Aug-08	33.100		21.100		21.500		25.800		27.000		32.400		29.100		23.800						37.000		
		30-Sep-08	39.400		10.400		7.600		11.200		44.800		29.900		19.600		55.600						6.800		
		27-Oct-08	56.200		23.100		14.900		24.100		15.900		26.500		34.300		25.100						109.000		
		25-Nov-08	21.300		8.200		5.300		14.000		15.600		9.700		6.500		10.000						7.000		
		18-Dec-08	39.300		18.500		16.900		21.500		23.100		41.900		22.000		28.800						40.000		
		21-Jan-09	5.300		2.400		2.400	U	3.600		5.600		5.000		3.300		4.000						2.400	U	
		25-Feb-09	2.400	U	2.900		2.400	U	NS		9.600		5.000		3.800		4.100						2.400	U	
		26-Mar-09	34.400		10.700		8.820		11.300		13.800		12.000		10.500		12.000						9.680		
		29-Apr-09	4.750	U	5.700		7.230		8.240		19.200		9.420		7.570		9.610						7.700		
		22-Jul-09	2.370	U	13.100		18.700		11.700		28.900		29.400		17.100		19.400						11.000		
		9-Oct-09	19.500		10.100		9.220		11.000		15.500		12.000		10.600		11.600						8.570		
		15-Jan-10	11.900		8.160		5.080		6.700		7.320		7.270		5.260		8.110						6.190		
		21-Apr-10	26.700		22.000		23.200		23.200		19.300		19.900		21.800		20.500						4.960		
		16-Jul-10	28.200		16.500		13.800		16.100		36.900		24.900		40.700		16.000						14.300		
		15-Oct-10	32.700		8.180		4.750	U	11.500		7.360		6.010		5.530		6.690						7.630		
		30-Nov-10	NS		13.200		13.000		NS		NS		NS		6.460		NS						NS		
		26-Jan-11	28.500		20.800		11.600		14.900		13.500		33.200		12.600		24.000	21.500	15.900					9.850	
		26-Jan-11**	NS		17.000		15.000		NS		NS		NS		12.000		NS						NS		
		27-Apr-11	6.820		12.800		11.300		14.700		14.600		7.550		12.300		5.930						5.600		
		26-Jul-11	51.800		48.000		22.800		82.200		28.700		7.170		25.400		39.400						8.840		
		28-Oct-11	17.000		12.000		7.400		9.900		11.000		9.700		13.000		15.000						8.000		
		23-Jan-12	15.000		15.000		18.000		18.000		10.000		37.000		19.000		18.000						13.000		
		13-Apr-12	11.000		16.000		11.000		11.000		11.000		21.000		9.100		19.000						24.000		
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		21.000						9.100		
		20-Jun-12	19.000		22.000		17.000		21.000		20.000		15.000		15.000		22.000						11.000		
		1-Nov-12	12.000		11.000		9.500		16.000		8.300		12.000		13.000		11.000						9.000		
		1-Feb-13	16.000		15.000		12.000		14.000		9.100		39.000		16.000		18.000						8.200		
		29-Apr-13	26.000		23.000		22.000		21.000		28.000		32.000		27.000		35.000						18.000		
		9-Jul-13 RIDEM	NS		25.000		26.000		22.000		24.000		41.000		28.000		35.000		32.000					24.000	
		18-Oct-13	34.000		32.000		30.000		42.000																

Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds
February 2008 - July 2018

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February 2008 - July 2018

Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)	
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
Benzene	3.3	8-Feb-08	0.910		0.840		0.730		0.780		0.810		0.800		0.750		0.790							0.870
		27-Mar-08	1.420		1.350		1.600		1.420		0.218		2.130		1.730		1.680							0.372
		25-Apr-08	1.360		1.300		0.638		1.400		1.150		1.270		1.130		1.120							0.413
		29-May-08	0.370		0.430		0.300		0.400		0.300		0.450		0.410		0.310							0.230
		27-Jun-08	0.631		0.603		0.666		0.644		0.657		0.604		0.849		0.582							0.726
		31-Jul-08	0.568		0.477		0.419		0.451		0.528		0.465		0.378		0.390							0.405
		28-Aug-08	1.190		1.110		1.010		0.953		0.935		1.060		1.060		1.020							1.280
		30-Sep-08	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	0.2	1.600	U					1.600	U
		27-Oct-08	2.100		1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.900							3.600
		25-Nov-08	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U					1.600	U
		18-Dec-08	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U					1.600	U
		21-Jan-09	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U	1.600	U					1.600	U
		25-Feb-09	1.600	U	1.600	U	1.600	U	NS		1.600	U	1.600	U	1.600	U	1.600	U					1.600	U
		26-Mar-09	2.330		1.840		1.740		1.650		1.540		2.210		0.316		1.880							2.390
		29-Apr-09	0.594		0.358		0.332		0.332		0.303		0.358		1.460		0.335							0.351
		22-Jul-09	0.626		0.546		0.642		0.574		0.852		1.560		1.460		1.080							4.330
		9-Oct-09	1.130		0.954		0.903		0.878		0.919		1.050		1.070		0.996							1.100
		15-Jan-10	1.670		1.510		1.340		1.460		1.420		1.450		1.540		1.550							1.370
		21-Apr-10	1.020		1.320		1.080		1.380		1.270		1.210		1.230		1.240							0.335
		16-Jul-10	0.319	U	0.319	U	0.319	U	0.319	U	0.319	U	0.319	U	0.485		0.319	U					0.319	U
		15-Oct-10	0.319	U	0.319	U	0.319	U	0.319	U	0.319	U	0.319	U	0.319	U	0.319	U					0.319	U
		30-Nov-10	NS		0.514		0.594		NS		NS		NS		0.412		NS							NS
		26-Jan-11	2.920		2.890		2.970		3.290		2.940		3.430		2.560		3.660		2.940		2.850			3.350
		26-Jan-11**	NS		3.600		3.800		NS		NS		NS		3.800		NS							NS
		27-Apr-11	0.319	U	0.319	U	0.319	U	0.319	U	0.319	U	0.319	U	0.319	U	0.319	U					0.319	U
		26-Jul-11	0.559		0.664		0.319		0.326		0.319		0.319		0.329		0.319							0.319
		28-Oct-11	0.640		0.500		0.380		0.390		0.410		0.450		0.460		0.430							0.300
		23-Jan-12	1.300		1.200		1.200		1.200		1.200		1.200		1.200		1.300							1.200
		13-Apr-12	0.680		0.670		0.590		0.600		0.580		0.650		0.580		0.520							0.220
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		0.290							0.140
		20-Jun-12	0.490		0.540		0.410		0.510		0.520		0.440		0.460		0.540							0.740
		1-Nov-12	1.300		1.000		0.770		1.200		0.990		1.500		1.700		1.300							0.470
		1-Feb-13	0.470		0.410		0.400		0.420		0.410		0.490		0.500		0.430							0.410
		29-Apr-13	0.960		0.920		0.900		0.930		0.760		0.710		0.940		0.840							0.300
		9-Jul-13	0.440		0.420		0.400		0.450		0.450		0.420		0.450		0.440							0.520
		9-Jul-13 RIDEM	NS		NS		NS		NS		0.537		NS		NS		NS							0.597
		18-Oct-13	0.240	</td																				

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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)		
			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual			
2-Butanone	500.0	8-Feb-08	1.470	U	1.470	U	1.470	U	1.470	U	1.470	U	1.470	U	1.470	U	1.470	U					1.470	U	
		27-Mar-08	8.560		6.540		5.650		5.140		3.950		4.440		0.360		5.680							1.470	U
		25-Apr-08	2.140		1.470		1.470		3.170		1.470		1.470		1.470		1.470		1.470					1.470	U
		29-May-08	1.470	U	1.470	U	1.470	U	2.840		2.240		1.470		1.470		1.470		1.470					1.470	U
		27-Jun-08	7.850		2.520		3.810		3.890		3.050		2.420		2.840		2.340							3.080	
		31-Jul-08	2.080		1.720		3.080		1.650		2.080		2.160		1.470		1.470		1.490					1.470	U
		30-Sep-08	2.280		1.790		3.980		3.980		1.470		1.470		1.470		1.470		1.470					1.650	
		30-Sep-08	1.500	U	1.500	U	1.500	U	1.500	U	2.200		1.500		1.500		1.500		6.100					1.500	U
		27-Oct-08	1.900		3.200		1.500		3.600		1.500		2.000		1.500		1.500		2.300					2.800	
		25-Nov-08	2.600		1.500		1.500		1.900		1.500		1.500		2.900		1.500							1.600	
		18-Dec-08	1.500	U	1.500	U	1.500	U	1.500	U	1.500		1.500		1.500		1.500		1.500					1.500	U
		21-Jan-09	1.500	U	1.500	U	1.500	U	1.500	U	1.500		1.500		1.500		1.500		1.500					1.500	U
		25-Feb-09	1.500	U	1.500	U	0.079	U	NS		1.500		1.500		1.500		1.500		1.500					1.500	U
		26-Mar-09	2.410		1.560		1.470		1.470		1.590		1.470		1.470		1.470		1.470					1.470	U
		29-Apr-09	1.470	U	1.470	U	1.470	U	1.460	U	1.470		1.470		1.740		1.470		1.470					1.470	U
		22-Jul-09	1.470	U	1.470	U	4.750		1.470		2.070		21.900		1.740				1.480					4.360	
		9-Oct-09	1.470	U	1.470	U	1.540		1.640		1.470		1.470		1.470		1.470		1.470					1.470	U
		15-Jan-10	6.610		1.470		1.470		1.470		1.470		1.470		1.470		1.470		1.470					1.470	U
		21-Apr-10	1.850		1.470		2.770		1.590		1.480		1.470		1.470		1.470		1.470					1.470	U
		16-Jul-10	2.520		1.900		2.100		2.210		3.180		2.800		24.600				1.870					1.630	
		15-Oct-10	4.300		1.470		1.470		1.470		1.470		1.470		1.470		1.470		1.470					0.021	I
		30-Nov-10	NS		1.470		1.470		1.470		NS		NS		1.470		1.470		NS					NS	
		26-Jan-11	2.720		3.190		2.510		2.510		2.520		2.500		2.640		2.710		2.500	U	2.510	U	2.500	U	
		26-Jan-11**	NS		2.300		2.100		NS		NS		1.600		NS		NS		NS		NS			NS	
		27-Apr-11	1.470	U	1.470	U	2.220		1.470		1.470		1.470		1.470		1.470		1.470					1.470	U
		26-Jul-11	1.600		1.470		2.320		1.520		1.470		1.470		1.470		3.010		1.470					1.470	U
		28-Oct-11	3.500	U	3.500	U	3.500	U	3.500	U	3.500		3.500		3.500		3.500		3.500					2.400	U
		23-Jan-12	4.100	U	4.100	U	4.100	U	4.100	U	4.100		4.100		4.100		4.100		4.100					4.100	U
		13-Apr-12	3.500	U	3.500	U	3.500	U	3.500	U	3.500		3.600		3.500		3.500		3.500					4.700	U
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		
		20-Jun-12	2.600		2.400		3.300		2.700		2.800		2.400		2.400		2.400		2.400					2.400	U
		1-Nov-12	2.400	U	2.400	U	2.400	U	2.400	U	2.400		2.400		2.400		2.400		2.400					2.400	U
		1-Feb-13	2.400	U	2.400	U	2.400	U	2.400	U	2.400		2.400		2.400		2.400		2.400					2.400	U
		29-Apr-13	5.100		3.500		3.500		3.800		4.800		3.600		4.100		3.300							4.500	
		9-Jul-13	2.800		3.000		2.800																		

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			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual			
Carbon tetrachloride	0.5	8-Feb-08	0.500		0.480		0.440		0.450		0.460		0.470		0.465		0.470		0.470		0.470		0.470		
		27-Mar-08	0.540		0.541		0.547		0.537		0.580		0.448		0.441		0.490		0.552		0.586		0.565		
		25-Apr-08	0.436		0.439		0.405		0.450		0.441		0.480		0.470		0.490		0.465		0.450		0.416		
		29-May-08	0.470		0.470		0.450		0.470		0.480		0.554		0.526		0.538		0.520		0.460		0.460		
		27-Jun-08	0.544		0.535		0.526		0.534		0.526		0.554		0.542		0.564		0.555		0.547		0.537		
		31-Jul-08	0.526		0.532		0.528		0.554		0.554		0.566		0.545		0.559		0.556		0.572		0.551		
		28-Aug-08	0.552		0.548		0.551		0.404		0.497		0.461		0.280		0.510		0.370		0.470		0.470		
		30-Sep-08	0.489		0.446		0.404		0.497		0.460		0.280		0.420		0.350		0.340		0.310		0.520		
		27-Oct-08	0.370		0.510		0.260		0.450		0.280		0.420		0.420		0.490		0.570		0.540		0.620		
		25-Nov-08	0.400		0.400		0.400		0.440		0.440		0.410		0.460		0.500		0.490		0.470		0.470		
		18-Dec-08	0.350		0.330		0.440		0.440		0.410		0.420		0.420		0.350		0.340		0.310		0.520		
		21-Jan-09	0.490		0.460		0.570		0.460		0.460		0.500		0.460		0.490		0.570		0.540		0.620		
		25-Feb-09	0.360		0.190		0.380		NS		4.000		0.400		0.410		0.400		0.400		0.400		0.440		
		26-Mar-09	0.568		0.592		0.542		0.561		0.584		0.561		0.566		0.561		0.559		0.542		0.604		
		29-Apr-09	0.534		0.522		0.597		0.534		0.528		0.585		0.585		0.585		0.578		0.559		0.515		
		22-Jul-09	0.597		0.591		0.585		0.597		0.585		0.585		0.585		0.585		0.578		0.585		0.591		
		9-Oct-09	0.503		0.566		0.471		0.497		0.471		0.497		0.497		0.497		0.478		0.484		0.478		
		15-Jan-10	0.585		0.603		0.578		0.597		0.585		0.585		0.610		0.616		0.610		0.635				
		21-Apr-10	0.490		0.547		0.559		0.484		0.126		0.459		0.459		0.530		0.490		0.490		0.484		
		16-Jul-10	0.497		0.503		0.484		0.528		0.465		0.547		0.465		0.484		0.484		0.484		0.541		
		15-Oct-10	0.459		0.427		0.509		0.434		0.440		0.440		0.408		0.453		0.446		0.503				
		30-Nov-10	NS		0.478		0.559		NS		NS		NS		NS		NS		NS		NS		NS		
		26-Jan-11	0.558		0.502		0.504		0.567		0.472		0.566		0.481		0.558		0.481		0.481		0.481		
		26-Jan-11**	NS		0.540		0.500		NS		NS		NS		NS		0.500		NS		NS		NS		
		27-Apr-11	0.371		0.358		0.364		0.408		0.352		0.364		0.364		0.358		0.358		0.434				
		26-Jul-11	0.409		0.442		0.409		0.428		0.402		0.421		0.420		0.420		0.421		0.421		0.459		
		28-Oct-11	0.410		0.380		0.430		0.430		0.420		0.420		0.410		0.430		0.430		0.430		0.440		
		23-Jan-12	0.490		0.490		0.480		0.480		0.470		0.460		0.460		0.490		0.460		0.460		0.480		
		13-Apr-12	0.480		0.490		0.420		0.460		0.450		0.460		0.460		0.470		0.460		0.460		0.300		
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.390		0.400		
		20-Jun-12	0.560		0.610		0.520		0.530		0.590		0.500		0.550		0.570		0.490						
		1-Nov-12	0.510		0.520		0.480		0.400		0.480		0.490		0.520		0.490		0.520		0.530				
		1-Feb-13	0.520		0.510		0.520		0.510		0.510		0.550		0.510		0.520		0.510		0.540				
		29-Apr-13	0.540		0.530		0.530		0.530		0.510		0.490		0.470		0.490		0.480		0.500				
		9-Jul-13 RIDEM	NS		NS		NS																		

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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)	
			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual		
Chlorobenzene	37.0	8-Feb-08	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
		27-Mar-08	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		25-Apr-08	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		29-May-08	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
		27-Jun-08	0.092	U	0.090	U	0.090	U	0.092	U	0.090	U	0.090	U	0.314	U	0.092	U	0.092	U	0.092	U	0.092	U
		31-Jul-08	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		28-Aug-08	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		30-Sep-08	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U
		27-Oct-08	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U
		25-Nov-08	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U
		18-Dec-08	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U
		21-Jan-09	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U
		25-Feb-09	2.300	U	2.300	U	2.300	U	NS	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U	2.300	U
		26-Mar-09	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		29-Apr-09	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		22-Jul-09	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		9-Oct-09	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		15-Jan-10	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		21-Apr-10	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		16-Jul-10	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		15-Oct-10	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		30-Nov-10	NS	U	0.092	U	0.092	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U
		26-Jan-11	0.157	U	0.156	U	0.157	U	0.157	U	0.156	U	0.156	U	0.156	U	0.156	U	0.156	U	0.156	U	0.156	U
		26-Jan-11**	NS	U	0.230	U	0.230	U	NS	U	NS	U	NS	U	0.230	U	NS	U	NS	U	NS	U	NS	U
		27-Apr-11	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		26-Jul-11	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		28-Oct-11	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.046	U
		23-Jan-12	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U
		13-Apr-12	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.180	U	0.140	U
		2-Jul-12 resample	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U
		20-Jun-12	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		1-Nov-12																						

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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)		
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
Chloroform	0.5	8-Feb-08	0.110		0.110		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U					0.100	U	
		27-Mar-08	0.840		0.690		0.593		0.523		0.410		0.337		0.605		0.503							0.098	U
		25-Apr-08	0.186		0.210		0.193		0.122		0.125		0.134		0.110		0.130							0.098	U
		29-May-08	0.110		0.110		0.100		0.110		0.100		0.100	U	0.100	U	0.100	U						0.100	U
		27-Jun-08	0.238		0.257		0.202		0.207		0.196		0.200		0.245		0.223							0.167	
		31-Jul-08	0.230		0.151		0.136		0.194		0.204		0.227		0.098		0.106							0.098	U
		28-Aug-08	0.342		0.373		0.298		0.312		0.269		0.602		0.269		0.271							0.295	
		30-Sep-08	0.490	U	0.490	U	0.490	U	0.490	U	0.490	U	0.490	U	0.490	U	0.490	U					0.490	U	
		27-Oct-08	0.490	U	0.490	U	0.490	U	0.490	U	0.490	U	0.490	U	0.490	U	0.490	U					0.490	U	
		25-Nov-08	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U					0.240	U	
		18-Dec-08	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U					0.240	U	
		21-Jan-09	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U	0.240	U					0.240	U	
		25-Feb-09	0.240	U	0.240	U	0.240	U	NS		0.240	U	0.240	U	0.240	U	0.240	U					0.240	U	
		26-Mar-09	0.236		0.142		0.110		0.115		0.133		0.119		0.098		0.109							0.108	
		29-Apr-09	0.190		0.122		0.098		U	0.102		0.102		0.098		0.146		0.098						0.098	U
		22-Jul-09	0.229		0.151		0.166		0.141		0.205		0.180		0.146		0.171							0.439	
		9-Oct-09	0.576		0.098		0.283		0.302		0.283		0.307		0.322		0.302							0.171	
		15-Jan-10	0.527		0.473		0.122		0.132		0.112		0.117		0.117		0.180							1.070	
		21-Apr-10	0.156		0.790		0.205		0.771		0.136		0.141		1.460		0.224							0.098	U
		16-Jul-10	0.317		0.249		0.141		0.161		0.190		0.141		0.258		0.156							0.132	
		15-Oct-10	0.263		0.195		0.098		U	0.102		0.098		U	0.098	U	0.107		0.098					0.098	
		30-Nov-10	NS		0.234		0.112		NS		NS		NS		0.98		U	NS						NS	
		26-Jan-11	0.350		0.340		0.166		U	0.241		0.166		0.182		0.166		0.166		0.166		0.166		0.166	U
		26-Jan-11**	NS		0.380		0.240		U	NS		NS		NS		0.240		NS						NS	
		27-Apr-11	0.098	U	0.220		0.098		U	0.141		0.098		U	0.098	U	0.098		U	0.098				0.098	U
		26-Jul-11	0.230		0.249		0.166		0.986		0.166		0.127		0.244		0.156		0.146					0.049	U
		28-Oct-11	0.120		0.110		0.085		0.097		0.079		0.082		0.082		0.082		0.170		0.170			0.170	U
		23-Jan-12	0.170	U	0.240		0.170		U	0.170		U	0.170		U	0.170		U	0.170					0.170	U
		13-Apr-12	0.270		0.420		0.140		0.270		0.130		0.130		0.130		0.280							0.098	U
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		NS		NS					0.094	
		20-Jun-12	0.210		0.520		0.140		0.220		0.180		0.140		0.140		0.580							0.110	
		1-Nov-12	0.098		0.140		0.082		0.100		0.088		0.110		0.110		0.100							0.072	
		1-Feb-13	0.390		0.240		0.088		0.120		0.088		0.092		0.092		0.088							0.098	
		29-Apr-13	0.180		0.140		0.140		0.160		0.140		0.120		0.140		0.140							0.082	
		9-Jul-13 RIDEM	NS		NS		NS		NS		NS		NS		NS		NS							0.200	
		18-Oct-13	0.098	U	0.300		0.098																		

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			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	
Chloromethane	14.0	8-Feb-08	2.440	U	2.440	U	2.440	U	2.440	U	2.440	U	2.460	U	2.440	U	2.440	U					2.440	U	
		27-Mar-08	2.830		3.070		2.680		2.440		2.830		2.440		2.480		2.440		2.440					2.440	U
		25-Apr-08	2.820		2.440		2.440		2.440		2.440		3.000		2.440		3.140							2.440	U
		29-May-08	2.790		3.000		7.100		11.000		2.940		6.280		6.420		2.770							2.440	U
		27-Jun-08	2.650		2.440		2.440		2.830		3.260		2.620		2.440		2.500							2.440	U
		31-Jul-08	3.580		3.880		3.330		4.370		3.440		3.740		2.440		2.540		2.440					2.440	U
		28-Aug-08	2.440		3.140		5.310		6.880		3.150		2.440		2.540		2.540							2.440	U
		30-Sep-08	1.400		1.300		1.100		1.400		1.000		1.700		1.600		1.000							1.200	
		27-Oct-08	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.200	U	1.000	U	1.000	U					1.000	U	
		25-Nov-08	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U	1.000	U					1.000	U	
		18-Dec-08	1.000	U	1.000	U	1.000	U	1.400		1.000		1.000		1.000		1.300							1.000	U
		21-Jan-09	1.000	U	1.000	U	1.000	U	1.500		1.000		1.000		1.400		1.100							1.200	
		25-Feb-09	1.000	U	1.000	U	1.000	U	NS		1.000		1.000		1.100		1.000							1.000	U
		26-Mar-09	2.490		2.680		2.550		2.920		2.910		2.440		2.440		2.440		2.440					2.440	U
		29-Apr-09	2.710		2.910		3.600		3.730		3.130		2.660		3.390		2.960							2.510	
		22-Jul-09	2.670		2.520		2.660		2.540		2.440		2.780		3.390		3.320							2.440	U
		9-Oct-09	3.450		2.740		2.440		2.440		2.440		2.440		2.440		2.440							2.440	U
		15-Jan-10	3.850		3.690		2.820		3.180		3.240		3.630		3.120		3.750							2.600	
		21-Apr-10	2.550		2.440		2.440		2.440		2.440		2.400		2.520		2.440							2.460	
		16-Jul-10	1.510		1.660		1.050		1.090		1.680		1.110		1.300		1.100							1.510	
		15-Oct-10	1.080		1.080		1.030		1.050		1.030		1.030		1.030		1.030							1.030	U
		30-Nov-10	NS		1.030	U	1.030	U	NS		NS		NS		1.030	U	NS							NS	
		26-Jan-11	1.760	U	1.750	U	1.760	U	1.760	U	1.760	U	1.750	U	1.750	U	1.760	U	1.750	U	1.760	U	1.750	U	
		26-Jan-11**	NS		1.100		1.000		NS		NS		1.000		NS		NS							NS	
		27-Apr-11	1.050		1.660		1.400		2.160		1.440		1.510		1.740		1.460							1.270	
		26-Jul-11	1.160		1.600		1.030	U	1.120		1.030	U	1.030	U	1.030	U	1.030	U	1.030	U				1.030	
		28-Oct-11	1.400		1.000		1.300		1.500		1.300		0.960		1.000		1.100							1.300	
		23-Jan-12	1.300		1.100		1.100		1.200		1.400		1.900		1.400		1.500							1.100	
		13-Apr-12	1.300		1.400		1.400		1.500		1.100		1.000		1.000		1.200							0.840	
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		NS		NS					1.100	
		20-Jun-12	1.700		0.041	U	0.041	U	0.041	U	0.041	U	0.041	U	1.500	0.041	U							1.300	
		1-Nov-12	1.100		1.100		0.910		1.200		1.000		1.200		1.100		1.100							0.990	
		1-Feb-13	1.200		1.300		1.200		1.200		1.200		1.400		1.300		1.100							1.100	
		29-Apr-13	1.300		1.300		1.300		1.200		1.800		1.100		1.300		1.300							1.100	
		9-Jul-13 RIDEM	NS		NS		NS		NS		1.142		NS		NS		NS		NS					1.164	
		18-Oct-13	0.880		1.100		1.200		1																

Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds
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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)	
			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual		
1,2-Dichlorobenzene	73.0	8-Feb-08	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		27-Mar-08	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		25-Apr-08	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		29-May-08	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		27-Jun-08	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.822	U	0.120	U	0.120	U	0.120	U
		31-Jul-08	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		28-Aug-08	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		30-Sep-08	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
		27-Oct-08	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
		25-Nov-08	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
		18-Dec-08	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
		21-Jan-09	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
		25-Feb-09	3.000	U	3.000	U	3.000	U	NS		3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
		26-Mar-09	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		29-Apr-09	0.120	U	0.120	U	0.100	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		22-Jul-09	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		9-Oct-09	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		15-Jan-10	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		21-Apr-10	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		16-Jul-10	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		15-Oct-10	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		30-Nov-10	NS		0.120	U	0.120	U	NS		NS		NS		NS		NS		NS		NS		NS	
		26-Jan-11	0.205	U	0.204	U	0.205	U	0.205	U	0.204	U	0.204	U	0.204	U	0.205	U	0.204	U	0.205	U	0.204	U
		26-Jan-11**	NS		0.300	U	0.300	U	NS		NS		NS		0.300	U	NS		NS		NS		NS	
		27-Apr-11	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		26-Jul-11	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		28-Oct-11	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U
		23-Jan-12	0.220		0.210	U	0.400		0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U
		13-Apr-12	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.240	U
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		0.120	U	NS		0.180	U	NS		0.180	U
		20-Jun-12	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		1-Nov-12	0.120	U	0.120	U	0.120</																	

Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds
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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)	
			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual
1,3-Dichlorobenzene	73.0	8-Feb-08	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		27-Mar-08	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		25-Apr-08	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		29-May-08	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		27-Jun-08	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.802	U	0.120	U	0.120	U	0.120	U
		31-Jul-08	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		28-Aug-08	0.120	U	0.120	U	0.120	U	0.102	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		30-Sep-08	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
		27-Oct-08	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
		25-Nov-08	3.000	U	3.000	U	3.000	U	2.500	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
		18-Dec-08	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
		21-Jan-09	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
		25-Feb-09	3.000	U	3.000	U	3.000	U	NS	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U
		26-Mar-09	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		29-Apr-09	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		22-Jul-09	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		9-Oct-09	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		15-Jan-10	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		21-Apr-10	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		16-Jul-10	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		15-Oct-10	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		30-Nov-10	NS	U	0.120	U	0.120	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U
		26-Jan-11	0.205	U	0.204	U	0.205	U	0.205	U	0.204	U	0.204	U	0.204	U	0.205	U	0.204	U	0.205	U	0.204	U
		26-Jan-11**	NS	U	0.300	U	0.300	U	NS	U	NS	U	NS	U	0.300	U	NS	U	NS	U	NS	U	NS	U
		27-Apr-11	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		26-Jul-11	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
		28-Oct-11	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U
		23-Jan-12	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U
		13-Apr-12	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.240	U
		2-Jul-12 resample	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U
		20-Jun-12	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U
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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)	
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
1,4-Dichlorobenzene	24.0	8-Feb-08	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U					0.120	U
		27-Mar-08	0.292		0.272		0.206		0.596		0.728		0.793		0.228		0.237						0.120	U
		25-Apr-08	0.415		0.287		0.126		0.247		0.261		0.245		0.205		0.220						0.222	
		29-May-08	0.230		0.120		0.120		0.120		0.120		0.120		0.120		0.120						0.120	U
		27-Jun-08	0.506		0.176		0.391		0.315		0.130		0.273		0.1340		0.582						0.132	
		31-Jul-08	0.309		0.524		0.254		0.323		0.458		0.669		0.272		0.320						0.259	
		28-Aug-08	0.198		0.252		0.216		0.262		0.205		0.211		0.202		0.222						0.213	
		30-Sep-08	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U					3.000	U
		27-Oct-08	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U					3.000	U
		25-Nov-08	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U					3.000	U
		18-Dec-08	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U					3.000	U
		21-Jan-09	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U	3.000	U					3.000	U
		25-Feb-09	3.000	U	3.000	U	3.000	U	NS		3.000	U	3.000	U	3.000	U	3.000	U					3.000	U
		26-Mar-09	0.149		0.129		0.120		0.120		0.193		0.146		0.204		0.150						0.120	U
		29-Apr-09	0.246		0.144		0.180		1.740		0.210		0.168		0.144		0.168						0.366	
		22-Jul-09	0.198		0.120		0.553		0.120		0.174		0.204		0.144		0.270						0.444	
		9-Oct-09	0.360		0.402		0.336		0.360		0.354		0.487		0.324		0.366						0.186	
		15-Jan-10	0.156		0.186		0.120		0.432		0.150		0.198		0.144		0.120						0.138	
		21-Apr-10	0.120	U	0.180		0.120		0.156		0.150		0.156		0.126		0.126						1.200	U
		16-Jul-10	1.580		0.493		0.637		0.306		0.499		0.655		11.400		0.553						0.384	
		15-Oct-10	0.120	U	0.120		0.120		0.120		0.120		0.120		0.120		0.120						0.120	U
		30-Nov-10	NS		0.282		0.318		NS		NS		NS		0.120		NS						NS	
		26-Jan-11	0.205	U	0.470		0.205		0.205		0.205		0.316		0.204		0.205		0.204		0.205		0.204	U
		26-Jan-11**	NS		0.740		0.300		U		NS		NS		0.300		NS						NS	
		27-Apr-11	0.120	U	0.174		0.120		0.222		0.120		0.120		0.120		0.120						0.120	U
		26-Jul-11	0.120	U	0.120		0.120		0.120		0.120		0.120		0.120		0.120						0.120	U
		28-Oct-11	0.190		0.180		0.180		0.180		0.180		0.180		0.180		0.180						0.120	
		23-Jan-12	0.210	U	0.210		0.210		0.210		0.210		0.210		0.210		0.210						0.210	
		13-Apr-12	0.180	U	0.180		0.180		0.180		0.180		0.180		0.180		0.180						0.240	
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		0.180						0.180	
		20-Jun-12	0.120	U	0.120		0.120		0.120		0.120		0.120		0.120		0.120						0.120	U
		1-Nov-12	0.120	U	0.120		0.120		0.120		0.120		0.120		0.120		0.120						0.120	U
		1-Feb-13	0.120	U	0.120		0.120		0.120		0.120		0.120		0.120		0.120						0.120	U
		29-Apr-13	0.120	U	0.120		0.120		0.120		0.120		0.120		0.120		0.120						0.120	U
		9-Jul-13 RIDEM	NS		NS		NS		NS		0.038	J	NS		NS		NS						0.030	J
		18-Oct-13	0.120	U	0.120		0.120		0.120		0.120		0.120		0.120		0.120						0.120	U
		9-Jan-14</																						

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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)	
			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual
Dichlorodifluoromethane	91.0	27-Mar-08	2.420		2.380		2.280		2.110		2.600		2.560		2.700		2.070							2.210
		25-Apr-08	2.060		2.100		2.010		2.170		2.030		1.990		2.080		2.030							1.860
		29-May-08	1.700		1.630		1.540		1.760		1.630		1.610		1.780		1.600							1.560
		27-Jun-08	2.280		2.280		2.370		2.330		2.240		2.220		2.250		2.250							2.220
		31-Jul-08	2.030		2.020		1.970		1.970		1.910		1.920		1.920		1.900							1.850
		28-Aug-08	3.600		2.870		2.920		2.870		2.920		2.800		2.800		2.980							2.770
		30-Sep-08	2.500		2.700		2.500		U		2.500		U		2.900		2.800		2.500					2.500
		27-Oct-08	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U			2.500	
		25-Nov-08	2.500	U	2.500	U	2.500	U	2.500	U	3.400	U	2.500	U	2.500	U	2.500	U	2.500	U			2.500	
		18-Dec-08	2.700		2.500		2.500		U		2.500		U		2.500		U		2.500					2.500
		21-Jan-09	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	3.000	U	2.500	U			2.500	
		25-Feb-09	2.500	U	2.500	U	2.500	U	NS		2.500		U		2.500	U	2.500	U	2.500	U			2.500	
		26-Mar-09	2.220		2.190		2.120		2.090		2.220		2.180		2.080		2.120							2.130
		29-Apr-09	2.500		2.260		2.460		2.320		2.260		2.320		2.380		2.360							2.160
		22-Jul-09	3.140		3.120		2.920		3.090		2.780		3.170		2.690		2.960							3.130
		9-Oct-09	2.290		2.560		2.300		2.320		2.300		2.280		2.300		2.290							2.210
		15-Jan-10	27.800		2.550		2.480		2.590		2.410		2.540		2.450		2.410							2.430
		21-Apr-10	2.340		2.320		2.520		2.330		2.330		2.260		2.320		2.330							2.240
		16-Jul-10	2.480		2.560		2.430		2.520		3.690		2.480		2.550		2.480							2.740
		15-Oct-10	2.460		2.410		2.560		2.400		2.470		2.410		2.450		2.450							2.630
		30-Nov-10	NS		2.480		2.550		NS		NS		NS		2.390		NS							NS
		26-Jan-11	2.680		2.640		2.340		2.660		2.150		2.580		2.370		2.560		2.230		2.480			2.440
		26-Jan-11**	NS		2.800		2.700		NS		NS		NS		2.600		NS							NS
		27-Apr-11	2.070		2.820		2.200		2.450		2.160		2.210		2.220		2.210							2.460
		26-Jul-11	2.290		2.270		2.270		2.360		2.260		2.340		2.250		2.260							2.350
		28-Oct-11	2.700		2.400		2.800		2.600		2.800		2.500		2.600		2.800							2.500
		23-Jan-12	1.700		1.800		1.600		1.500		2.000		2.000		1.800		1.900							2.000
		13-Apr-12	2.100		2.100		2.000		2.000		1.800		1.900		1.700		1.700							1.300
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		2.700							2.500
		20-Jun-12	2.500		2.600		2.500		2.400		2.700		2.300		2.500		2.500							2.300
		1-Nov-12	2.000		2.200		2.100		2.200		2.000		2.100		2.100		2.000							2.100
		1-Feb-13	1.600		1.600		1.600		1.600		1.600		1.600		1.600		1.700							1.600
		29-Apr-13	2.400		2.600		2.600		2.400		2.400		2.300		2.400		2.400							2.400
		9-Jul-13	0.950		0.980		0.930		0.960		0.990		1.000		0.980		0.970							1.000
		18-Oct-13	2.000		2.200		1.900		2.000		1.900		2.000		1.900		2.000							2.000
		9-Jan-14	1.400		1.500		1.400		1.400		1.500		1.500		1.500		1.600							1.600
		24-Apr-14	2.300		2.400		2.300		2.400		2													

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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level		Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)	
			Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
			8-Feb-08	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	
1,2-Dichloroethane	0.07/0.08		27-Mar-08	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	
			25-Apr-08	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	
			29-May-08	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	
			27-Jun-08	0.080	U	0.081	U	0.080	U	0.084		0.080	U	0.080	U	0.178		0.080	U	0.080	U	0.081	U	
			31-Jul-08	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	
			28-Aug-08	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	
			30-Sep-08	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	
			27-Oct-08	0.080	U	0.150		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	
			25-Nov-08	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	
			18-Dec-08	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	
			21-Jan-09	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	
			25-Feb-09	0.080	U	0.080	U	0.080	U	NS		0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	
			26-Mar-09	0.102		0.084		0.087		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	
			29-Apr-09	0.081	U	0.081	U	0.081	U	0.081	U	0.089		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	
			22-Jul-09	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	
			9-Oct-09	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	
			15-Jan-10	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	
			21-Apr-10	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.162		0.081	U	
			16-Jul-10	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	
			15-Oct-10	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	
			30-Nov-10	NS		0.081	U	0.081	U	NS		NS		NS		NS		NS		NS		NS		
			26-Jan-11	0.138	U	0.138	U	0.138	U	0.138	U	0.137	U	0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	
			26-Jan-11**	NS		0.200	U	0.200	U	NS		NS		NS		NS		NS		NS		NS		
			27-Apr-11	0.081	U	0.081	U	0.081	U	0.081	U	0.093		0.081	U	0.081	U	0.089		0.081	U	0.081	U	
			26-Jul-11	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	
			28-Oct-11	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.040	U	
			23-Jan-12	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.091		0.071	U	0.071	U	0.071	U	0.071	U	
			13-Apr-12	0.066		0.068		0.061		0.061		0.063		0.063		0.061		0.061		0.075		0.081		
			2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.061		
			20-Jun-12	0.081		0.081	U	0.081	U	0.081	U	0.081	U	0.080	U	0.081	U	0.081	U	0.081	U	0.081	U	
			1-Nov-12	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	
			1-Feb-13	0.076		0.084		0.083		0.086		0.089		0.089		0.079		0.099		0.110		0.084		
			29-Apr-13	0.094		0.099		0.099		0.096		0.160		0.099		0.091		0.092		0.084		0.084		
			9-Jul-13	0.058		0.060		0.047		0.052		0.081		0.049		0.053		0.047						

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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)	
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
		8-Feb-08	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
		27-Mar-08	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
		25-Apr-08	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
		29-May-08	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
		27-Jun-08	0.079	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U
		31-Jul-08	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
		28-Aug-08	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
		30-Sep-08	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
		27-Oct-08	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
		25-Nov-08	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
		18-Dec-08	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
		21-Jan-09	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
		25-Feb-09	2.000	U	2.000	U	2.000	U	NS		2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
		26-Mar-09	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
		29-Apr-09	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
		22-Jul-09	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.111	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
		9-Oct-09	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
		15-Jan-10	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
		21-Apr-10	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
		16-Jul-10	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
		15-Oct-10	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
		30-Nov-10	NS		0.079	U	0.079	U	NS		NS		NS		NS		NS		NS		NS		NS	
		26-Jan-11	0.135	U	0.135	U	0.135	U	0.135	U	0.135	U	0.134	U	0.135	U	0.135	U	0.135	U	0.135	U	0.135	U
		26-Jan-11**	NS		0.200	U	0.200	U	NS		NS		NS		0.200	U	NS		NS		NS		NS	
		27-Apr-11	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
		26-Jul-11	0.079	U	0.079	U	0.790	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U
		28-Oct-11	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.040	U
		23-Jan-12	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
		13-Apr-12	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
	1,1-Dichloroethylene	10.0	20-Jun-12	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	
		1-Nov-12	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U
		1-Feb-13	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U
		29-Apr-13	0.040	U	0.040	U	0.040																	

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			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual		
1,2-Dichloropropane	0.13	8-Feb-08	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
		27-Mar-08	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		25-Apr-08	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		29-May-08	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
		27-Jun-08	0.092	U	0.092	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.092	U	0.092	U	0.092	U	0.092	U
		31-Jul-08	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		28-Aug-08	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		30-Sep-08	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
		27-Oct-08	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
		25-Nov-08	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
		18-Dec-08	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
		21-Jan-09	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
		25-Feb-09	0.090	U	0.090	U	0.090	U	NS		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
		26-Mar-09	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		29-Apr-09	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		22-Jul-09	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		9-Oct-09	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		15-Jan-10	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		21-Apr-10	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		16-Jul-10	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		15-Oct-10	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		30-Nov-10	NS		0.092	U	0.092	U	NS		NS		NS		NS		NS		NS		NS		NS	
		26-Jan-11	0.158	U	0.157	U	0.157	U	0.157	U	0.158	U	0.157	U	0.157	U	0.157	U	0.157	U	0.157	U	0.157	U
		26-Jan-11**	NS		0.230	U	0.230	U	NS		NS		NS		0.230	U	NS		NS		NS		NS	
		27-Apr-11	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		26-Jul-11	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		28-Oct-11	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.046	U
		23-Jan-12	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U
		13-Apr-12	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.180	U
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		20-Jun-12	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U
		1-Nov-12	0.046	U	0.046	U	0.046	U																

Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds
February 2008 - July 2018

Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)	
			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual		
cis-1,3-Dichloropropene	None	8-Feb-08	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
		27-Mar-08	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		25-Apr-08	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		29-May-08	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
		27-Jun-08	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.185	U	0.090	U	0.090	U	0.091	U
		31-Jul-08	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		28-Aug-08	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		30-Sep-08	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U
		27-Oct-08	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U
		25-Nov-08	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U
		18-Dec-08	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U
		21-Jan-09	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U
		25-Feb-09	0.180	U	0.180	U	0.180	U	NS		0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U
		26-Mar-09	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		29-Apr-09	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		22-Jul-09	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		9-Oct-09	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		15-Jan-10	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		21-Apr-10	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		16-Jul-10	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		15-Oct-10	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		30-Nov-10	NS		0.091	U	0.091	U	NS		NS		NS		NS		NS		NS		NS		NS	
		26-Jan-11	0.155	U	0.154	U	0.155	U	0.154	U	0.155	U	0.154	U	0.154	U	0.154	U	0.154	U	0.155	U	0.155	U
		26-Jan-11**	NS		0.230	U	0.230	U	NS		NS		NS		NS		0.230	U	NS		NS		NS	
		27-Apr-11	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		26-Jul-11	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		28-Oct-11	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U
		23-Jan-12	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U
		13-Apr-12	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		20-Jun-12	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		1-Nov-12	0.045	U	0.045	U	0.045	U	0.045															

Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds
February 2008 - July 2018

Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)	
			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual		
trans-1,3-Dichloropropene	None	8-Feb-08	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
		27-Mar-08	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		25-Apr-08	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		29-May-08	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
		27-Jun-08	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.340	U	0.090	U	0.090	U	0.091	U
		31-Jul-08	0.090	U	0.090	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		28-Aug-08	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		27-Oct-08	0.180	U	0.180	U	0.200	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U
		27-Oct-08	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U
		25-Nov-08	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U
		18-Dec-08	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U
		21-Jan-09	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U
		25-Feb-09	0.180	U	0.180	U	0.180	U	NS	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U	0.180	U
		26-Mar-09	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		29-Apr-09	0.091	U	0.091	U	0.107	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		22-Jul-09	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		9-Oct-09	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		15-Jan-10	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		21-Apr-10	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		16-Jul-10	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		15-Oct-10	0.091	U	0.092	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		30-Nov-10	NS	U	0.091	U	0.091	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U
		26-Jan-11	0.155	U	0.154	U	0.155	U	0.154	U	0.155	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U
		26-Jan-11**	NS	U	0.230	U	0.230	U	NS	U	NS	U	NS	U	NS	U	0.230	U	NS	U	NS	U	NS	U
		27-Apr-11	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		26-Jul-11	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		28-Oct-11	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.045	U
		23-Jan-12	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U	0.160	U
		13-Apr-12	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.091	U
		2-Jul-12 resample	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.068	U
		20-Jun-12	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U	0.091	U
		1-Nov-12	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U
		1-Feb-13	0.045	U	0.045	U	0.045	U	0.045	U</td														

Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds
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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)	
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
Ethylbenzene	53.0	8-Feb-08	0.260		0.230		0.620		0.450		0.250		0.170		0.160		0.180							0.220
		27-Mar-08	0.841		0.669		1.020		0.869		0.894		1.000		0.628		0.619							0.096
		25-Apr-08	0.770		0.637		2.200		0.711		0.678		0.712		0.705		0.650							0.087
		29-May-08	0.140		0.120		1.310		0.620		0.120		0.160		0.150		0.110							0.090
		27-Jun-08	0.555		0.412		1.080		0.987		0.478		0.400		0.802		0.360							0.369
		31-Jul-08	0.553		0.449		1.140		0.424		0.426		0.491		0.262		0.216							0.255
		28-Aug-08	0.868		1.150		3.010		2.820		0.761		0.854		0.870		0.783							0.944
		30-Sep-08	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	15.500							2.200
		27-Oct-08	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U						U
		25-Nov-08	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U						U
		18-Dec-08	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U						U
		21-Jan-09	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U						U
		25-Feb-09	2.200	U	2.200	U	3.600		NS		2.200	U	2.200	U	2.200	U	2.200	U						2.200
		26-Mar-09	0.932		0.803		1.120		1.060		0.511		0.648		0.738		0.589							0.727
		29-Apr-09	0.195		0.234		0.633		0.538		0.195		0.139		0.139		0.152							0.178
		22-Jul-09	0.442		0.212		1.090		0.291		0.551		0.625		0.807		0.542							1.180
		9-Oct-09	0.859		0.759		1.090		1.030		0.794		0.681		0.668		0.633							0.746
		15-Jan-10	0.447		0.334		0.386		0.351		0.321		0.256		0.273		0.252							0.286
		21-Apr-10	0.468		0.716		1.280		0.612		0.681		0.603		0.542		0.538							0.087
		16-Jul-10	0.334		0.226		0.416		0.408		0.573		0.286		0.872		0.260							0.143
		15-Oct-10	0.252		0.308		0.412		0.152		0.126		0.087		U		0.200		0.087		U			0.121
		30-Nov-10	NS		0.217		0.338		NS		NS		NS		0.108		NS							NS
		26-Jan-11	1.040		1.000		1.100		1.220		1.000		1.100		0.951		1.320		0.988		0.466			1.300
		26-Jan-11**	NS		1.600		1.800		NS		NS		NS		1.800		NS							NS
		27-Apr-11	0.108		0.139		0.625		0.221		0.837		0.087		0.200		0.087		U					0.091
		26-Jul-11	0.473		1.020		0.873		0.417		0.300		0.191		0.356		0.178							0.161
		28-Oct-11	0.600		0.320		0.400		0.230		0.480		0.490		0.490		0.420							0.130
		23-Jan-12	0.610		0.480		0.470		0.660		0.580		0.500		0.560		0.560							0.540
		13-Apr-12	0.300		0.250		0.300		0.240		0.250		0.280		0.240		0.200							0.170
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		0.130		U					0.130
		20-Jun-12	0.490		0.500		0.490		0.560		0.550		0.460		0.530		0.530							0.470
		1-Nov-12	0.760		0.440		0.330		0.530		0.450		0.730		0.810		0.630							0.130
		1-Feb-13	0.130		0.087		U		0.087		0.110		0.089		0.190		0.087		U					0.130
		29-Apr-13	0.760		0.540		0.540		0.540		0.670		0.430		1.600		0.530							0.150
		9-Jul-13 RIDEM	NS		NS		NS		NS		0.464		NS		NS		NS							0.330
		18-Oct-13	0.710		0.096		0.110		0.540		0.770		0.120		1.400		0.900							0.430
		9-Jan-14	3.100		4.500		0.160		0.170		0.170		0.160	</td										

Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds
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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)	
			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual
Isopropylbenzene	120.0	8-Feb-08	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U					2.460	U
		27-Mar-08	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U					2.460	U
		25-Apr-08	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U					2.460	U
		29-May-08	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U					2.460	U
		27-Jun-08	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U					2.460	U
		31-Jul-08	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U					2.460	U
		28-Aug-08	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U					2.460	U
		30-Sep-08	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U	12.700				4.900	U
		27-Oct-08	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U					4.900	U
		25-Nov-08	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U					4.900	U
		18-Dec-08	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U					4.900	U
		21-Jan-09	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U					4.900	U
		25-Feb-09	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U	4.900	U					4.900	U
		26-Mar-09	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U					2.460	U
		29-Apr-09	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U					2.460	U
		22-Jul-09	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U					2.460	U
		9-Oct-09	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U					2.460	U
		15-Jan-10	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U					2.460	U
		21-Apr-10	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U					2.460	U
		16-Jul-10	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	0.043	I			2.460	U
		15-Oct-10	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U					2.460	U
		30-Nov-10	NS		2.460	U	2.460	U	NS		NS		NS		NS		NS						NS	
		26-Jan-11	4.190	U	4.190	U	4.190	U	4.180	U	4.190	U	4.170	U	4.180	U	4.190	U	4.180	U	4.190	U	4.180	U
		26-Jan-11**	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		27-Apr-11	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U					2.460	U
		26-Jul-11	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U	2.460	U					2.460	U
		28-Oct-11	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U					0.250	U
		23-Jan-12	0.440	U	0.440	U	0.440	U	0.440	U	0.440	U	0.440	U	0.440	U	0.440	U					0.440	U
		13-Apr-12	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U					0.500	U
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		NS		0.370	U			0.370	U
		20-Jun-12	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U					0.250	U
		1-Nov-12	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U					0.250	U
		1-Feb-13	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U					0.250	U
		29-Apr-13	0.250	U	0.250	U	0.250	U	0.250	U	0.051	U	0.250	U</td										

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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)	
			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual		
methyl tert butyl ether (MTBE)	160.0	8-Feb-08	0.070	U	0.070	U	0.070	U	0.070	U	0.070	U	0.070	U	0.070	U	0.070	U					0.070	U
		27-Mar-08	0.440		0.102		0.102		0.091		0.095		0.098		0.102		0.090						0.072	U
		25-Apr-08	0.116		0.116		0.107		0.127		0.126		0.121		0.131		0.113						0.072	U
		29-May-08	0.070	U	0.070	U	0.070	U	0.070	U	0.070	U	0.070	U	0.070	U	0.070	U					0.070	U
		27-Jun-08	0.072	U	0.070	U	0.070	U	0.074		0.070	U	0.070	U	0.070	U	0.070	U					0.072	U
		31-Jul-08	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U					0.072	U
		28-Aug-08	0.095		0.130		0.123		0.123		0.091		0.106		0.115		0.089						0.094	
		30-Sep-08	1.800	U	1.800	U	1.800	U	1.800	U	1.800	U	1.800	U	1.800	U	1.800	U					1.800	U
		27-Oct-08	1.800	U	1.800	U	1.800	U	1.800	U	2.600		2.300		1.800		1.800						1.800	U
		25-Nov-08	2.100		1.800		1.800		1.800		2.800		1.800		1.800		1.800						1.800	U
		18-Dec-08	1.800	U	1.800	U	1.800	U	1.800	U	1.800	U	1.800	U	1.800	U	1.800	U					1.800	U
		21-Jan-09	1.800	U	1.800	U	1.800	U	1.800	U	1.800	U	1.800	U	1.800	U	1.800	U					1.800	U
		25-Feb-09	1.800	U	2.700		1.800		NS		1.800	U	2.700		1.800	U	1.800	U					1.800	U
		26-Mar-09	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U					0.072	U
		29-Apr-09	0.072	U	0.072	U	2.350		0.072	U	0.072	U	0.072	U	0.072	U	0.072	U					0.072	U
		22-Jul-09	0.072	U	0.072	U	0.223		0.072	U	0.072	U	0.072	U	0.072	U	0.072	U					0.169	
		9-Oct-09	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U					0.072	U
		15-Jan-10	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U					0.072	U
		21-Apr-10	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U					0.072	U
		16-Jul-10	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U					0.072	U
		15-Oct-10	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U					0.072	U
		30-Nov-10	NS		0.072	U	0.072	U	NS		NS		NS		NS		NS						NS	
		26-Jan-11	0.123	U	0.122	U	0.123	U	0.123	U	0.123	U	0.122	U	0.122	U	0.122	U	0.122	U	0.123	U	0.122	U
		26-Jan-11**	NS		0.180	U	0.180	U	NS		NS		0.180		NS		NS						NS	
		27-Apr-11	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U					0.072	U
		26-Jul-11	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U					0.072	U
		28-Oct-11	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U					0.072	U
		23-Jan-12	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U					0.130	U
		13-Apr-12	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U					0.140	U
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		NS		0.110	U			0.110	U
		20-Jun-12	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U					0.072	U
		1-Nov-12	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U					0.072	U
		1-Feb-13	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U					0.072	U
		29-Apr-13	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U					0.072	U
		9-Jul-13 RID																						

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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)		
					Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
Methylene chloride	3.0	8-Feb-08	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	
		27-Mar-08	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	
		25-Apr-08	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	2.210	U	1.740	U	1.740	U	
		29-May-08	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	
		27-Jun-08	1.740	U	1.740	U	1.740	U	3.210	U	1.740	U	6.940	U	1.740	U	1.740	U	1.740	U	19.000	U	1.740	U	
		31-Jul-08	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	
		28-Aug-08	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	
		30-Sep-08	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	
		27-Oct-08	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	
		25-Nov-08	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	
		18-Dec-08	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	
		21-Jan-09	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	
		25-Feb-09	1.700	U	1.700	U	1.700	U	NS	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	1.700	U	
		26-Mar-09	7.540	U	1.870	U	4.010	U	2.100	U	1.850	U	3.230	U	4.060	U	1.990	U	11.600	U	1.740	U	1.740	U	
		29-Apr-09	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	0.147	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	
		22-Jul-09	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	
		9-Oct-09	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	
		15-Jan-10	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	
		21-Apr-10	5.410	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	1.740	U	
		16-Jul-10	18.400	U	23.300	U	16.900	U	13.900	U	19.900	U	48.200	U	46.700	U	22.200	U	20.600	U	1.740	U	1.740	U	
		15-Oct-10	3.470	U	4.440	U	4.510	U	3.470	U	3.470	U	3.470	U	5.840	U	3.470	U	3.470	U	3.470	U	3.470	U	
		30-Nov-10	NS	U	3.570	U	11.600	U	NS	U	NS	U	NS	U	5.770	U	NS	U	NS	U	NS	U	NS	U	
		26-Jan-11	4.530	U	2.950	U	2.960	U	2.960	U	2.950	U	2.950	U	5.290	U	2.960	U	2.960	U	2.950	U	2.950	U	
		26-Jan-11**	NS	U	2.500	U	1.700	U	NS	U	NS	U	1.600	U	NS	U	NS	U	NS	U	NS	U	NS	U	
		27-Apr-11	3.470	U	3.470	U	3.470	U	3.470	U	3.470	U	3.470	U	5.040	U	3.470	U	3.470	U	3.470	U	3.470	U	
		26-Jul-11	3.470	U	5.800	U	4.240	U	3.470	U	3.470	U	3.470	U	3.510	U	10.200	U	5.380	U	5.380	U	5.380	U	
		28-Oct-11	1.900	U	1.900	U	1.800	U	1.900	U	1.000	U	1.200	U	5.700	U	5.500	U	0.690	U	0.690	U	0.690	U	
		23-Jan-12	2.500	U	1.200	U	2.300	U	2.200	U	2.500	U	6.300	U	1.900	U	1.200	U	1.900	U	1.900	U	1.900	U	
		13-Apr-12	5.800	U	4.600	U	3.100	U	1.100	U	1.000	U	1.700	U	1.000	U	50.000	U	53.000	U	53.000	U	53.000	U	
		2-Jul-12 resample	NS	U	NS	U	NS	U	NS	U	1.200	U	1.400	U	1.100	U	1.400	U	1.700	U	1.000	U	1.000	U	
		20-Jun-12	0.920	U	1.600	U	0.																		

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			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual		
4-Methyl-2-pentanone	37.0	8-Feb-08	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U
		27-Mar-08	2.050	U	2.105	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U
		25-Apr-08	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U
		29-May-08	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U
		27-Jun-08	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U
		31-Jul-08	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U
		28-Aug-08	2.050	U	2.050	U	2.050	U	2.540	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U
		30-Sep-08	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
		27-Oct-08	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
		25-Nov-08	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
		18-Dec-08	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
		21-Jan-09	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
		25-Feb-09	2.000	U	2.000	U	2.000	U	NS		2.600	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U
		26-Mar-09	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U
		29-Apr-09	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U
		22-Jul-09	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U
		9-Oct-09	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U
		15-Jan-10	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U
		21-Apr-10	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.250		2.050	U	2.050	U
		16-Jul-10	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U
		15-Oct-10	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U
		30-Nov-10	NS		2.050	U	2.050	U	NS		NS		NS		NS		NS		NS		NS		NS	
		26-Jan-11	3.490	U	3.480	U	3.490	U	3.480	U	3.490	U	59.500		3.480	U	6.760		3.480	U	3.490	U	3.480	U
		26-Jan-11**	NS		0.200	U	0.200	U	NS		NS		0.200	U	NS		NS		NS		NS		NS	
		27-Apr-11	2.050	U	2.050	U	2.050	U	2.050	U	2.930	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U
		26-Jul-11	11.700	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U	2.050	U
		28-Oct-11	2.100		0.490		0.840		0.560		0.800		0.930		1.500		1.200		0.390		0.390		0.390	
		23-Jan-12	0.140	U	0.140	U	0.210		0.190		26.000		2.900		0.230		0.230		270.000		0.540		0.540	
		13-Apr-12	0.120	U	0.120	U	0.200		0.120		U		0.150		0.230		0.120		0.140		0.160		0.160	
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		NS		0.140		0.120		0.120	
		20-Jun-12	0.230		0.082	U	0.460		0.250		0.320		0.270		0.190		0.320		0.120		0.120		0.120	
		1-Nov-12	0.082	U	0.260		0.180		0.420		0.500		0.650		0.082		0.220		0.170</					

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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)	
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
Styrene	52.0	8-Feb-08	0.710		0.130		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U					0.090	U
		27-Mar-08	1.200		0.118		0.120		0.165	U	0.140		0.175		0.114		0.139						0.085	U
		25-Apr-08	0.856		0.156		0.180		0.184		0.137		0.137		0.158		0.124						0.085	U
		29-May-08	0.550		0.085	U	0.130		0.260		0.090	U	0.110		0.090		0.090	U	0.090	U			0.090	U
		27-Jun-08	1.830		0.085	U	0.112		0.186		0.191		0.085	U	0.481		0.090	U					0.085	U
		31-Jul-08	1.890		0.254		0.153		0.266		0.285		0.288		0.109		0.090						0.085	U
		28-Aug-08	0.654		0.368		0.262		0.392		0.203		0.165		0.169		0.140						0.108	
		30-Sep-08	2.100	U	2.100	U	2.100	U	2.100	U	2.100	U	2.100	U	2.100	U	2.100	U					2.100	U
		27-Oct-08	2.100	U	2.100	U	2.100	U	2.100	U	2.100	U	2.100	U	2.100	U	2.100	U					2.100	U
		25-Nov-08	2.100	U	2.100	U	2.100	U	2.100	U	2.100	U	2.100	U	2.100	U	2.100	U					2.100	U
		18-Dec-08	2.100	U	2.100	U	2.100	U	2.100	U	2.100	U	2.100	U	2.100	U	2.100	U					2.100	U
		21-Jan-09	2.100	U	2.100	U	2.100	U	2.100	U	2.100	U	2.100	U	2.100	U	2.100	U					2.100	U
		25-Feb-09	2.100	U	2.100	U	2.100	U	NS		2.100	U	2.100	U	2.100	U	2.100	U					2.100	U
		26-Mar-09	0.814		0.113		0.110		0.110		0.125		0.111		0.128		0.138						0.122	
		29-Apr-09	0.515		0.085	U	0.136	U	0.085	U	0.136		0.085	U	0.085	U	0.085	U					0.085	U
		22-Jul-09	1.280		0.085	U	0.153		0.085	U	0.285		0.272		0.213		0.217						0.187	
		9-Oct-09	0.838		0.153		0.149		0.174		0.566		0.179		0.140		0.149						0.140	
		15-Jan-10	1.100		0.221		0.085	U	0.089		0.196		0.098		0.085	U	0.085	U					0.085	U
		21-Apr-10	0.281		0.204		0.289		0.187		0.328		0.174		0.145		0.140						0.085	U
		16-Jul-10	0.702		0.085	U	0.085	U	0.085	U	0.779		0.085	U	0.085	U	0.085	U					0.085	U
		15-Oct-10	0.549		0.085	U	0.085	U	0.085	U	0.098		0.805	U	0.085	U	0.085	U					0.085	U
		30-Nov-10	NS		0.149		0.119		NS		NS		NS		NS		NS						NS	
		26-Jan-11	0.327		0.224		0.174		0.217		0.182		0.202		0.145	U	0.182	0.174	0.145	U	0.188			
		26-Jan-11**	NS		0.510		0.370		NS		NS		NS		0.370		NS						NS	
		27-Apr-11	0.166		0.166		0.170		0.192		0.277		0.085	U	0.145		0.085	U					0.085	U
		26-Jul-11	0.677		2.460		0.132		11.700		0.315		1.320		0.200		0.085	U					0.085	U
		28-Oct-11	0.300		0.130	U	0.130	U	0.130	U	0.330		0.130	U	0.130	U	0.130	U					0.085	U
		23-Jan-12	0.820		0.250		0.410		0.480		0.270		0.510		0.150		0.150						0.150	
		13-Apr-12	0.560		0.140		0.130	U	0.130	U	0.550		0.280		0.130	U	0.130	U					0.170	U
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		NS		0.130	U			0.130	U
		20-Jun-12	0.720		0.300		0.240		1.200		0.430		0.150		0.085	U	0.200						0.200	
		1-Nov-12	0.280		0.140		0.085	U	0.130		0.150		0.160		0.180		0.160						0.085	U
		1-Feb-13	0.870		0.085	U	0.085	U	0.085	U	0.095		0.085	U	0.085	U	0.085	U					0.085	U
		29-Apr-13	1.600		0.230		0.230		0.200		0.740		0.150		0.520		0.210						0.085	U
		9-Jul-13 RIDEM	NS		NS		NS		NS		0.420		NS		NS		NS						0.039	J
		18-Oct-13	0.200		0.085	U	0.085	U	0.130		0.27													

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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)		
			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	
Tetrachloroethene*	5.0	8-Feb-08	0.140		0.140	U	0.140	U	0.150		0.140	U	0.140	U	0.140	U	0.140	U					0.350		
		27-Mar-08 ²	12.500	U	6.680		13.300	U	16.100		26.000	U	7.730	U	23.300	U	4.310						0.153		
		25-Apr-08	0.180		0.254		0.179		0.282		0.231		0.276		0.228		0.298						0.136	U	
		29-May-08	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U					0.140	U	
		27-Jun-08	0.249		0.449		0.397		0.459		0.424		0.243		0.460		0.246						0.216		
		31-Jul-08	1.030		1.000		0.877		0.880		0.795		0.872		0.252		0.287						0.154		
		28-Aug-08	0.321		0.367		0.283		0.323		0.274		0.434		0.294		0.282						0.445		
		30-Sep-08	3.400	U	3.400	U	3.400	U	3.400	U	3.400	U	3.400	U	3.400	U	3.400	U					3.400	U	
		27-Oct-08	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U					4.200	U	
		25-Nov-08	3.400	U	3.400	U	3.400	U	3.400	U	3.400	U	3.400	U	3.400	U	3.400	U					3.400	U	
		18-Dec-08	3.400	U	3.400	U	3.400	U	3.400	U	3.400	U	3.400	U	3.400	U	3.400	U					3.400	U	
		21-Jan-09	3.400	U	3.400	U	3.400	U	3.400	U	3.400	U	3.400	U	3.400	U	3.400	U					3.400	U	
		25-Feb-09	3.400	U	3.400	U	3.400	U	NS		3.400	U	3.400	U	3.400	U	3.400	U					3.400	U	
		26-Mar-09	1.530		1.210		1.170		0.980		1.080		1.320		1.420		1.890						1.380		
		29-Apr-09	0.136	U	0.136	U	0.697		0.136		U	0.136	U	0.136	U	0.136	U	0.136	U					0.136	U
		22-Jul-09	0.291		0.190		0.224		0.196		0.196		0.196		0.183		0.210							0.535	
		9-Oct-09	2.250		1.550		1.580		1.580		1.380		1.700		2.080		1.960							0.779	
		15-Jan-10	0.359		0.346		0.339		0.373		0.312		3.460		0.346		0.312							2.450	
		21-Apr-10	0.637		0.752		0.440		0.650		0.508		0.447		0.407		0.474							0.562	
		16-Jul-10	0.318		0.420		0.420		0.427		0.501		0.230		0.447		0.474							0.230	
		15-Oct-10	0.136	U	0.136	U	0.136	U	0.136		0.136		0.136		0.136		0.136		U					0.142	
		30-Nov-10	NS		0.461		0.291		NS		NS		NS		0.169		NS							NS	
		26-Jan-11	0.636		0.484		0.370		0.566		0.440		0.725		0.346		0.578		0.472		0.428			0.426	
		26-Jan-11**	NS		0.580		0.490		U	NS	NS		NS		0.480		NS							NS	
		27-Apr-11	0.142		0.176		0.176		0.352		0.176		0.136		0.149		0.136		U					0.285	
		26-Jul-11	0.529		0.563		0.522		0.631		0.549		0.325		0.739		0.461							0.224	
		28-Oct-11	0.100	U	0.140		0.100		U	0.100	U	0.100		0.110		0.100		U		U			0.068	U	
		23-Jan-12	0.240	U	0.240	U	0.240	U	U	0.590	U	0.320		0.510		0.260		0.410						0.260	
		13-Apr-12	0.150		0.110		0.120		0.250		0.150		0.160		0.190		0.190							0.140	U
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		NS							0.130	
		20-Jun-12	0.390		0.800		0.310		0.370		0.390		0.400		0.410		0.440							0.240	
		1-Nov-12	0.360		0.460		0.400		0.730		0.470		0.770		0.600		0.560							0.120	
		1-Feb-13	0.130		0.095		0.073		0.120		0.090		0.210		0.440		0.092							0.140	
		29-Apr-13	0.610		0.560		0.560		0.630		0.880		0.046		0.650		0.580							0.320	
		9-Jul-13 RIDEM	NS		NS		NS		NS		0.279		NS		NS		NS							0.281	
		18-Oct-13	0.140	U	0.140	U	0.150	</																	

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			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	
Toluene	210.0	8-Feb-08	1.240		1.140		1.120		1.150		1.240		0.990		0.910		1.030							1.480	
		27-Mar-08	6.470		4.040		4.520		4.150		5.920		5.570		4.210		4.040							1.560	
		25-Apr-08	4.800		4.000		2.810		3.900		3.790		4.070		4.010		3.660							0.465	
		29-May-08	0.930		0.790		1.630		1.330		0.870		1.060		1.020		0.670							0.320	
		27-Jun-08	3.870		3.060		3.200		3.850		4.110		3.840		4.520		3.020							2.410	
		31-Jul-08	2.760		2.020		2.690		1.990		2.720		2.200		1.680		1.440							1.850	
		28-Aug-08	5.230		5.960		7.800		7.530		5.920		5.640		5.680		5.240							6.050	
		30-Sep-08	1.900	U	1.900	U	2.500		1.900	U	5.000		1.900	U	1.900		U	2.300						1.900	U
		27-Oct-08	6.700		6.300		3.500		6.100		2.300		5.500		3.800		6.600							8.400	
		25-Nov-08	5.500		1.900	U	1.900	U	2.000		1.900	U	1.900	U	1.900		U	1.900						1.900	U
		18-Dec-08	1.900	U	1.900	U	1.900	U	1.900	U	1.900	U	1.900	U	1.900		U	1.900						1.900	U
		21-Jan-09	1.900	U	1.900	U	1.900	U	1.900	U	1.900	U	1.900	U	1.900		U	1.900						1.900	U
		25-Feb-09	1.900	U	1.900	U	1.900	U	NS		1.900	U	1.900	U	1.900		U	1.900						1.900	U
		26-Mar-09	6.110		4.060		3.990		3.540		3.900		4.730		5.870		6.080							5.310	
		29-Apr-09	0.779		0.595		0.079	U	0.704		1.050		0.595		0.614		0.610							0.953	
		22-Jul-09	1.550		1.010		2.540		1.130		3.150		3.410		3.880		7.670							6.850	
		9-Oct-09	4.740		3.690		4.190		3.900		4.500		4.170		4.220		4.090							4.580	
		15-Jan-10	1.920		1.580		1.520		1.690		1.690		1.540		1.620		1.630							2.860	
		21-Apr-10	4.770		8.610		5.220		7.430		4.490		4.140		4.030		3.900							0.414	
		16-Jul-10	2.070		1.210		1.180		1.360		2.250		1.570		3.760		1.330							0.787	
		15-Oct-10	7.230		0.618		0.565		0.715		0.501		0.358		0.565		0.312							0.625	
		30-Nov-10	NS		1.280		1.200		NS		NS		NS		0.825		NS							NS	
		26-Jan-11	5.860		5.970		5.640		6.490		5.840		6.050		5.830		7.230		5.650		4.000			7.210	
		26-Jan-11**	NS		7.700		8.400		NS		NS		NS		8.300		NS							NS	
		27-Apr-11	0.764		0.855		1.070		1.070		1.030		0.840		0.783		0.625							0.648	
		26-Jul-11	2.040		3.920		1.590		1.210		1.620		1.060		1.400		0.934							0.652	
		28-Oct-11	6.700		2.800		2.900		1.800		2.500		3.600		5.200		3.100							1.400	
		23-Jan-12	3.200		2.500		0.130		2.700		2.800		3.000		2.700		3.000							3.600	
		13-Apr-12	1.800		1.500		1.300		1.400		1.400		1.500		1.400		1.200							0.320	
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS			0.550	
		20-Jun-12	2.200		2.500		1.800		2.300		2.300		2.000		2.200		2.400							2.600	
		1-Nov-12	4.300		2.500		1.800		3.000		2.400		4.000		4.600		3.500							0.750	
		1-Feb-13	0.810		0.460		0.430		0.520		0.650		0.780		0.950		0.510							0.460	
		29-Apr-13	3.900		3.100		3.100		3.100		2.700		2.200		5.000		2.600							0.690	
		9-Jul-13	2.300		2.100		1.900		2.300		2.300		2.200		2.500		2.200							2.500	
		18-Oct-13	0.970		0.510		0.470		0.800		1.200		0.670		2.3										

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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)	
			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual
1,1,1-Trichloroethane*	500.0	8-Feb-08	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
		27-Mar-08	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		25-Apr-08	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		29-May-08	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
		27-Jun-08	0.110	U	0.110	U	0.110	U	0.110	U	0.109	U	0.109	U	0.109	U	0.110	U	0.110	U	0.109	U	0.109	U
		31-Jul-08	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		28-Aug-08	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		30-Sep-08	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U
		27-Oct-08	3.400	U	3.400	U	3.400	U	3.140	U	3.400	U	3.400	U	3.400	U	3.400	U	3.400	U	3.400	U	3.400	U
		25-Nov-08	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U
		18-Dec-08	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U
		21-Jan-09	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U
		25-Feb-09	2.700	U	2.700	U	2.700	U	NS		2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U	2.700	U
		26-Mar-09	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	1.090	U	0.109	U	0.109	U	0.109	U
		29-Apr-09	0.120	U	0.109	U	0.109	U	0.109	U	0.109	U	0.153	U	0.229	U	0.174	U					0.272	U
		22-Jul-09	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		9-Oct-09	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		15-Jan-10	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		21-Apr-10	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		16-Jul-10	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		15-Oct-10	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		30-Nov-10	NS		0.109	U	0.109	U	NS		NS		NS		NS		NS		NS		NS		NS	
		26-Jan-11	0.186	U	0.185	U	0.186	U	0.186	U	0.180	U	0.185	U	0.185	U	0.186	U	0.186	U	0.186	U	0.185	U
		26-Jan-11**	NS		0.270	U	0.270	U	NS		NS		NS		0.270	U	NS		NS		NS		NS	
		27-Apr-11	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		26-Jul-11	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		28-Oct-11	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.055	U
		23-Jan-12	0.190	U	0.190	U	0.190	U	0.190	U	0.190	U	0.190	U	0.190	U	0.190	U	0.190	U	0.190	U	0.190	U
		13-Apr-12	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.110	U
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.082	U
		20-Jun-12	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
		1-Nov-12	0.055	U	0.055	U	0.055	U	0.055</td															

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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)	
			Room	Qual	Cafeteria	Qual	Gymnasium	Qual	Elevator Hallway	Qual	Room 118	Qual	Room 110	Qual	Media Center (Rm 145)	Qual	Room 152	Qual	Room 149	Qual	Room 234	Qual	Ambient Outdoor (AOA-1)	Qual
1,1,2-Trichloroethane	2.2	8-Feb-08	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
		27-Mar-08	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.112	U	0.109	U	0.109	U	0.109	U	0.109	U
		25-Apr-08	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		29-May-08	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
		27-Jun-08	0.109	U	0.109	U	0.109	U	0.110	U	0.110	U	0.110	U	0.302	U	0.109	U	0.109	U	0.110	U	0.110	U
		31-Jul-08	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		28-Aug-08	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		30-Sep-08	0.110	U	0.110	U	0.300	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
		27-Oct-08	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
		25-Nov-08	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
		18-Dec-08	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
		21-Jan-09	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
		25-Feb-09	0.110	U	0.110	U	0.110	U	NS	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
		26-Mar-09	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		29-Apr-09	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		22-Jul-09	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		9-Oct-09	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		15-Jan-10	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		21-Apr-10	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		16-Jul-10	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		15-Oct-10	0.109	U	1.090	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		30-Nov-10	NS	U	0.109	U	0.109	U	NS	U	NS	U	NS	U	0.109	U	NS	U	NS	U	NS	U	NS	U
		26-Jan-11	0.186	U	0.185	U	0.186	U	0.186	U	0.186	U	0.185	U	0.185	U	0.186	U	0.186	U	0.185	U	0.185	U
		26-Jan-11**	NS	U	0.270	U	0.270	U	NS	U	NS	U	NS	U	0.270	U	NS	U	NS	U	NS	U	NS	U
		27-Apr-11	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		26-Jul-11	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U
		28-Oct-11	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.055	U
		23-Jan-12	0.190	U	0.190	U	0.190	U	0.190	U	0.190	U	0.190	U	0.190	U	0.190	U	0.190	U	0.190	U	0.190	U
		13-Apr-12	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.110	U
		2-Jul-12 resample	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.082	U
		20-Jun-12	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
		1-Nov-12	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U
		1-Feb-13	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U
		29-Apr-13	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U
		9-Jul-13	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U
		18-Oct-13	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
		9-Jan-14	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
		24-Apr-14	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U
		1-Aug-14	0.110	U	0.110	U	0.110	U	0.160	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U
		12-Sept-14 resample	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.055	U	NS	U	NS	U	NS	U
		22-Oct-14	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.082	U
		20-Jan-15	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.082	U	0.055	U	0.055	U	0.082	U
		30-Mar-15 resample	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.063	U	NS	U	NS	U
		22-Apr-15	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U	0.055	U
		21-Jul-15	0.300	U	0.300 ^A	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U
		23-Sept-15 resample	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.300	U	NS	U	NS	U	NS	U
		29-Oct-15	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U

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		Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		
		Sample Date		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		
Trichloroethene*	1.0	8-Feb-08	0.110		0.120		0.110	U	0.107	U	0.110	U	0.110	U	0.350		0.110	U			0.110	U
		27-Mar-08	0.239		0.233		0.218		0.226		0.325		0.308		0.217		0.170				0.107	U
		25-Apr-08	0.107	U	0.164		0.147		0.272		0.151		0.152		0.158		0.229				0.107	U
		29-May-08	0.110	U	0.110	U	0.110	U	0.107	U	0.110	U	0.110	U	0.110		0.110	U			0.110	U
		27-Jun-08	0.110	U	0.110	U	0.110	U	0.107		0.110	U	0.107	U	0.143		0.195				0.107	U
		31-Jul-08	0.113		0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U			0.107	U
		28-Aug-08	0.193		0.116		0.107	U	0.107	U	0.146		0.134		0.110		0.107	U			0.838	
		30-Sep-08	0.800	U	0.800	U	0.800	U	0.800	U	0.800	U	0.800	U	0.800	U	0.800	U			0.800	U
		27-Oct-08	0.800	U	0.800	U	0.800	U	0.800	U	0.800	U	0.800	U	0.800	U	0.800	U			0.800	U
		25-Nov-08	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U			0.540	U
		18-Dec-08	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U			0.540	U
		21-Jan-09	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U	0.540	U			0.540	U
		25-Feb-09	0.110	U	0.110	U	0.110	U	NS		0.110	U	0.110	U	0.110	U	0.110	U			0.130	
		26-Mar-09	4.000		0.326		1.510		0.438		0.639		1.180		1.610		0.450				6.870	
		29-Apr-09	0.107	U	0.107	U	1.340		0.107	U	0.107	U	0.107	U	0.107	U	0.107	U			0.107	U
		22-Jul-09	0.177		0.107		0.188		0.123		0.193		0.709		0.140		0.177				0.209	
		9-Oct-09	0.231		0.215		0.182		0.193		0.242		0.156		0.156		0.156				0.107	U
		15-Jan-10	0.107		0.107		0.113		0.107	U	0.107	U	0.107	U	0.107	U	0.107	U			0.107	U
		21-Apr-10	0.247		0.580		0.279		0.505		0.376		0.360		0.419		0.456				0.107	U
		16-Jul-10	0.107	U	0.107	U	0.107	U	0.220		0.107	U	0.107	U	0.107	U	0.107	U			0.107	U
		15-Oct-10	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U			0.107	U
		30-Nov-10	NS		0.107	U	0.107		NS		NS		NS		0.109	U	NS				NS	
		26-Jan-11	0.568		0.502		0.531		0.604		0.504		0.584		0.429		0.550		0.484		0.467	
		26-Jan-11**	NS		0.570		0.600		NS		NS		NS		0.600		NS				NS	
		27-Apr-11	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U	0.107	U			0.107	U
		26-Jul-11	0.107	U	0.107	U	0.118		0.107	U	0.107	U	0.107	U	0.107	U	0.107	U			0.107	U
		28-Oct-11	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U			0.054	U
		23-Jan-12	0.190	U	0.190	U	0.190	U	0.290		0.190	U	0.190	U	0.190	U	0.190	U			0.190	U
		13-Apr-12	0.081	U	0.081	U	0.081	U	0.081	U	0.090		0.081		0.081	U	0.081	U			0.110	
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		NS				0.081	U
		20-Jun-12	0.110	U	0.110	U	0.110	U	0.110	U	0.120		0.110		0.110	U	0.110	U			0.110	U
		1-Nov-12	0.054	U	0.054	U	0.067		0.054	U	0.054	U	0.054	U	0.054	U	0.054	U			0.054	U
		1-Feb-13	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U			0.054	U
		29-Apr-13	0.120		0.110		0.110		0.110		0.130		0.120		0.110		0.110				0.054	
		9-Jul-13	0.160		0.140		0.140		0.150		0.120		0.400		0.280		0.310				0.080	
		9-Jul-13 RIDEM	NS		NS		NS		NS		0.119		NS		NS		NS				0.088	
		18-Oct-13	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.390				0.110	U
		9-Jan-14	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U	0.110	U			0.110	U
		24-Apr-14	0.054	U	0.054	U	0.054	U	0.054	U	0.110		0.054	U	0.054	U	0.110	U			0.054	
		1-Aug-14	0.110	U	0.110	U	0.110	U	0.170		1.700		0.110	U	0.270		0.140				1.100	
		12-Sept-14 resample	NS		NS		NS		NS		NS		NS		0.054	U	NS				NS	
		22-Oct-14	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U			0.180	
		20-Jan-15	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.081	U	20.000				0.081	U
		30-Mar-15 resample	NS		NS		NS		NS		NS		NS		NS		0.062	U			NS	
		22-Apr-15	0.260		0.260		0.440		0.270		0.410		0.170		0.370		0.290				0.054	U
		21-Jul-15	0.260		0.14 ^{J,A}		0.260 ^J		0.240 ^J		0.300	U	0.200 ^J		0.190 ^J		0.300	U			0.300	U
		23-Sept-15 resample	NS		NS		NS		NS		NS		NS		0.300	U	NS				NS	
		29-Oct-15	0.300	U	1.100		0.300	U	0.300	U	0.220 ^J		0.300	U	0.290		0.200	U			0.300	U
		4-Dec-15 resample	NS		0.300	U	NS		NS		NS		NS		NS	U	NS				NS	
		27-Jan-16	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.071		0.054	U	0.054	U			0.054	U
		20-Apr-16 ^J	0.11		0.054	U	0.054	U	0.097		0.06		0.077		0.054	U	0.064				0.075	
		20-Jul-16	0.24		0.17		0.058	U	0.066	U	0.077		0.086		0.088	U	0.060	U			0.080	U
		21-Oct-16	0.12		0.12		0.086		0.15		0.088		0.058		0.054	U	0.067				0.088	
		31-Jan-17	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U			0.054	U
		17-Apr-17 ^J	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U			0.081	U
		26-Jul-17	0.18		0.18		0.18		0.15</td													

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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)	
			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual
Trichlorofluoromethane	370.0	8-Feb-08	1.140		1.020		1.110		1.010		0.990		1.050		1.040		1.020							1.080
		27-Mar-08	1.740		1.520		1.540		1.250		1.480		2.120		2.140		1.210							1.380
		25-Apr-08	1.740		1.660		1.240		1.640		1.930		1.520		1.660		1.500							1.030
		29-May-08	1.020		0.930		0.870		1.060		0.930		0.930		0.990		0.910							0.880
		27-Jun-08	1.240		1.220		1.290		1.300		1.160		1.150		1.170		1.160							1.180
		31-Jul-08	1.080		1.100		1.010		1.010		1.010		1.010		1.000		0.973							0.926
		28-Aug-08	2.740		3.360		3.470		3.260		3.660		3.420		3.380		3.860							2.310
		30-Sep-08	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U					2.800	
		27-Oct-08	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U					2.800	
		25-Nov-08	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U					2.800	
		18-Dec-08	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U					2.800	
		21-Jan-09	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U	2.800	U					2.800	
		25-Feb-09	2.800	U	2.800	U	2.800	U	NS		2.800	U	2.800	U	2.800	U	2.800	U					2.800	
		26-Mar-09	1.220		1.160		1.180		1.140		1.230		1.190		1.120		1.130							1.160
		29-Apr-09	1.490		1.170		0.051		U		1.270		1.180		1.190		1.270							1.190
		22-Jul-09	1.950		1.920		1.62		1.900		1.630		2.050		1.540		1.900							2.120
		9-Oct-09	1.520		1.830		1.510		0.019		1.620		1.310		1.410		1.430							1.180
		15-Jan-10	11.900		1.260		1.210		1.290		1.210		1.290		1.220		1.270							1.240
		21-Apr-10	4.170		3.780		2.540		3.200		3.500		3.400		2.500		3.190							1.260
		16-Jul-10	1.470		1.470		1.480		1.470		2.160		1.470		1.470		1.470							1.560
		15-Oct-10	1.410		1.360		1.380		1.350		1.360		1.300		1.320		1.340							1.490
		30-Nov-10	NS		1.520		1.490		NS		NS		NS		1.340		NS							NS
		26-Jan-11	1.780		1.960		1.720		1.740		1.620		1.960		1.630		1.950		1.490		1.930		1.780	
		26-Jan-11**	NS		2.300		2.100		NS		NS		NS		2.100		NS							NS
		27-Apr-11	1.200		1.250		1.110		1.240		1.080		1.140		1.280		1.120							1.250
		26-Jul-11	1.210		1.210		1.300		1.250		1.220		1.290		1.180		1.170							1.210
		28-Oct-11	2.500		1.400		1.600		1.600		1.900		1.900		1.900		1.800							1.500
		23-Jan-12	1.500		1.500		1.500		1.500		1.500		1.500		1.500		1.500							1.400
		13-Apr-12	2.200		2.000		1.700		2.000		2.300		2.400		2.300		2.400							1.200
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		NS							1.800
		20-Jun-12	1.200		1.400		1.300		1.200		1.500		1.100		1.400		1.400							1.100
		1-Nov-12	1.200		1.200		1.300		1.200		1.200		1.200		1.300		1.200							1.300
		1-Feb-13	1.600		1.600		1.700		1.600		1.600		1.600		1.600		1.600							1.600
		29-Apr-13	1.400		1.600		1.600		1.400		1.400		1.400		1.400		1.300							1.400
		9-Jul-13	1.200		1.200		1.200		1.300		1.300		1.200		1.200		1.200							1.500
		18-Oct-13	1.100		2.100		1.300		1.800		1.300		1.200		1.900		1.200							1.100
		9-Jan-14	1.500		2.200		1.800		1.700															

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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)	
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
1,2,4-Trimethylbenzene	9.3	8-Feb-08	0.900		0.970		2.520		1.890		0.210		0.210		0.210		0.310							0.210
		27-Mar-08	1.330		1.590		3.390		3.240		0.920		0.839		0.828		0.989							0.098
		25-Apr-08	0.998		1.760		11.700		1.640		0.909		0.839		0.911		0.750							0.098
		29-May-08	0.300		0.470		8.320		6.680		0.270		0.960		0.690		0.110							0.100
		27-Jun-08	1.560		0.443		2.120		3.040		0.634		0.246		0.722		0.206							0.175
		31-Jul-08	1.650		1.360		1.380		2.080		0.959		1.940		0.207		0.142							0.157
		28-Aug-08	0.438		1.430		3.690		5.340		0.642		0.461		0.455		0.464							0.354
		30-Sep-08	2.500	U	2.500	U	2.500	U	2.000	U	6.800		2.500	U	2.500	U	9.300							2.500
		27-Oct-08	2.500	U	2.500	U	2.500	U	3.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	
		25-Nov-08	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	
		18-Dec-08	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	
		21-Jan-09	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	
		25-Feb-09	2.500	U	2.500	U	3.900		NS		2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	
		26-Mar-09	0.942		0.859		1.500		1.300		0.526		0.563		0.737		0.564							0.739
		29-Apr-09	1.520		0.368		1.340		1.200		0.192		0.098	U	0.108		0.098							0.142
		22-Jul-09	1.010		0.216		1.140		0.339		0.594		0.791		0.889		0.673							0.894
		9-Oct-09	1.240		1.080		1.250		1.460		0.712		0.796		0.702		0.717							0.069
		15-Jan-09	0.609		0.550		0.452		0.521		0.206		0.196		0.216		0.196							0.196
		21-Apr-10	0.393		0.845		4.590		0.643		0.570		0.545		0.427	U	0.476							0.098
		16-Jul-10	0.354		0.216		0.388		0.344		0.250		0.138		0.511		0.187							0.108
		15-Oct-10	0.319		0.408		0.329		0.211		0.098	U	0.098	U	0.319		0.098	U						0.098
		30-Nov-10	NS		0.334		0.560		NS		NS		NS		0.98	U	NS							NS
		26-Jan-11	1.010		1.120		1.100		1.200		0.780		0.917		0.868		1.030		1.000		0.168	U	0.994	
		26-Jan-11**	NS		1.900		2.100		NS		NS		NS		2.000		NS							NS
		27-Apr-11	0.138		0.280		2.080		0.255		0.147		0.113		0.172		0.113							0.128
		26-Jul-11	0.575		2.160		1.120		0.285		0.236		0.157		0.290		0.177							0.123
		28-Oct-11	0.340		0.220		0.300		0.290		0.230		0.260		0.310		0.330							0.098
		23-Jan-12	0.660		0.580		0.580		0.710		0.380		1.000		0.520		0.650							0.470
		13-Apr-12	0.400		0.410		0.760		0.480		0.340		0.340		0.290		0.360							0.240
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		0.150	U						0.150
		20-Jun-12	0.560		1.200		0.910		0.680		0.600		0.470		0.560		0.610							0.310
		1-Nov-12	0.720		0.480		0.310		0.300		0.460		0.650		0.750		0.600							0.120
		1-Feb-13	0.330		0.180		0.170		0.160		0.150		0.120		0.220		0.160							0.098
		29-Apr-13	0.990		0.540		0.540		0.510		0.700		0.320		0.580		0.440							0.130
		9-Jul-13 RIDEM	NS		NS		NS		NS		0.470		NS		NS		NS							0.230
		18-Oct-13	2.600		0.098	U	0.120		2.400		3.200		0.140		3.600		3.200							2.300

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			Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
			8-Feb-08	0.460		0.450		1.300		0.980		0.100	U	0.100	U	0.100	U	0.100	U					0.100	U
1,3,5-Trimethylbenzene	9.3	27-Mar-08	0.535		0.652		1.620		1.530		0.292		0.342		0.293		0.256		0.334					0.098	U
		25-Apr-08	0.367		0.816		7.170		0.802		0.342		0.140		0.640		0.470		0.280					0.098	U
		29-May-08	0.170		0.220		4.710		4.050		0.270		0.570		1.190		0.098		0.100	U				0.100	U
		27-Jun-08	0.942		0.232		1.100		1.580		0.385		0.102		2.500		0.387		0.100	U				0.098	U
		31-Jul-08	1.040		0.782		0.671		1.360		0.270		0.570		1.190		0.098	U	0.098	U				0.098	U
		28-Aug-08	0.170		0.732		1.950		2.990		0.270		0.270		0.181		0.181		0.155					0.100	U
		30-Sep-08	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	9.300					2.500	U
		27-Oct-08	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U				2.500	U
		25-Nov-08	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U				2.500	U
		18-Dec-08	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U				2.500	U
		21-Jan-09	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U	2.500	U				2.500	U
		25-Feb-09	2.500	U	2.500	U	2.500	U	NS		2.500	U	2.500	U	2.500	U	2.500	U	2.500	U				2.500	U
		26-Mar-09	0.330		0.315		0.678		0.540		0.194		0.185		0.246		0.198							0.238	
		29-Apr-09	0.098	U	0.192		0.678		0.629		0.098		0.098	U	0.098		0.098	U	0.098	U				0.098	U
		22-Jul-09	0.378		0.098	U	0.427		0.138		0.246		0.270		0.295		0.241							0.241	
		9-Oct-09	0.550		0.452		0.476		0.599		0.255		0.265		0.221		0.241							0.226	
		15-Jan-10	0.265		0.260		0.192		0.206		0.098	U	0.098	U	0.098	U	0.098	U	0.098	U				0.098	U
		21-Apr-10	0.118		0.368		2.100		2.600		0.206		0.187		0.162		0.177							0.098	U
		16-Jul-10	0.113		0.098	U	0.138		0.118		0.098	U	0.098	U	0.147		0.098	U	0.098	U				0.098	U
		15-Oct-10	0.128		0.172		0.123		0.098	U	0.098	U	0.098	U	0.098		0.098	U	0.098	U				0.098	U
		30-Nov-10	NS		0.133		0.177		NS		NS		NS		NS		NS		NS					NS	
		26-Jan-11	0.293		0.326		0.360		0.410		0.260		0.267		0.292		0.302		0.334		0.168	U		0.342	
		26-Jan-11**	NS		0.590		0.700		NS		NS		NS		0.630		NS		NS					NS	
		27-Apr-11	0.098	U	0.128		0.820		0.113		0.098	U	0.098	U	0.098		0.098	U	0.098	U				0.098	U
		26-Jul-11	0.206		0.737		0.393		0.108	U	0.098	U	0.098	U	0.098		0.098	U	0.098	U				0.098	U
		28-Oct-11	0.150	U	0.150	U	0.150	U	0.150	U	0.150	U	0.150	U	0.150	U	0.150	U	0.150	U				0.098	U
		23-Jan-12	0.220		0.170	U	0.200		0.230		0.170	U	0.220		0.180		0.180		0.180					0.170	U
		13-Apr-12	0.150	U	0.150	U	0.270		0.170		0.150	U	0.150	U	0.150	U	0.150	U	0.150	U				0.270	
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS			0.150	U
		20-Jun-12	0.180		0.450		0.340		0.250		0.220		0.150		0.140		0.200							0.110	
		1-Nov-12	0.220		0.140		0.098	U	0.120		0.140		0.190		0.220		0.170							0.098	U
		1-Feb-13	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U				0.098	U
		29-Apr-13	0.250		0.180		0.180		0.180		0.250		0.130		0.190		0.150		0.150					0.098	U
		9-Jul-13 RIDEM	NS		NS		NS		NS		0.143		NS		NS		NS		NS					0.037	J

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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)	
			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual
Vinyl chloride*	0.1	8-Feb-08	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
		27-Mar-08	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.050	U	0.050	U	0.051	U	0.051	U
		25-Apr-08	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
		29-May-08	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
		27-Jun-08	0.050	U	0.050	U	0.050	U	0.051	U	0.050	U	0.050	U	0.051	U	0.051	U	0.050	U	0.051	U	0.051	U
		31-Jul-08	0.050	U	0.050	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
		28-Aug-08	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
		30-Sep-08	0.100	U	0.100	U	0.130	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
		27-Oct-08	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
		25-Nov-08	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
		18-Dec-08	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
		21-Jan-09	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
		25-Feb-09	0.100	U	0.100	U	0.100	U	NS	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U
		26-Mar-09	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
		29-Apr-09	0.051	U	0.051	U	1.080	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
		22-Jul-09	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
		9-Oct-09	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
		15-Jan-10	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
		21-Apr-10	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
		16-Jul-10	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
		15-Oct-10	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
		30-Nov-10	NS		0.051	U	0.051	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U
		26-Jan-11	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U	0.087	U
		26-Jan-11**	NS		0.130	U	0.130	U	NS	U	NS	U	NS	U	NS	U	0.130	U	NS	U	NS	U	NS	U
		27-Apr-11	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
		26-Jul-11	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
		28-Oct-11	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.026	U
		23-Jan-12	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U
		13-Apr-12	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.038	U	0.100	U	0.100	U
		2-Jul-12 resample	NS		NS		NS		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U
		20-Jun-12	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U	0.051	U
		1-Nov																						

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Volatile Organic Compounds via TO-15	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Sample Date	Kitchen Storage Room		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Center (Rm 145)		Room 152		Room 149		Room 234		Ambient Outdoor (AOA-1)	
			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual
p/m-Xylene	220.0	8-Feb-08	0.710		0.660		2.110		1.460		0.550		0.450		0.390		0.420							0.580
		27-Mar-08	2.460		2.080		3.510		2.960		2.620		2.890		1.810		1.910							0.269
		25-Apr-08	2.220		1.870		8.240		2.170		1.960		2.080		2.150		1.850							0.205
		29-May-08	0.350		0.290		5.110		2.260		0.290		0.410		0.340		0.250							0.170
		27-Jun-08	1.060		1.080		3.280		3.000		1.250		0.994		2.160		0.926							0.795
		31-Jul-08	1.360		1.160		3.330		1.140		1.140		1.370		0.656		0.488							0.656
		28-Aug-08	2.130		3.220		8.690		8.200		1.910		2.190		2.280		1.960							2.240
		30-Sep-08	4.300	U	4.300	U	4.300	U	4.300	U	4.300	U	4.300	U	4.300	U	22.000							4.300
		27-Oct-08	4.300	U	4.300	U	4.300	U	5.000		4.300	U	4.300	U	4.300	U	4.300	U	4.300	U				4.700
		25-Nov-08	4.300	U	4.300	U	4.300	U	4.300	U	4.300	U	4.300	U	4.300	U	4.300	U	4.300	U				4.300
		18-Dec-08	4.300	U	4.300	U	4.300	U	4.300	U	4.300	U	4.300	U	4.300	U	4.300	U	4.300	U				4.300
		21-Jan-09	4.300	U	4.300	U	4.300	U	4.300	U	4.300	U	4.300	U	4.300	U	4.300	U	4.300	U				4.300
		25-Feb-09	4.300	U	4.300	U	15.000		NS		4.300	U	4.300	U	4.300	U	4.300	U	4.300	U				4.300
		26-Mar-09	3.080		2.850		4.530		4.340		1.580		1.990		2.340		1.870							2.310
		29-Apr-09	0.456		0.733		0.534		1.950		0.477		0.308		0.312		0.347							0.442
		22-Jul-09	0.920		0.577		2.680		0.824		1.560		2.070		2.510		1.720							3.510
		9-Oct-09	2.610		2.240		3.360		3.190		2.200		2.090		1.960		1.910							2.290
		15-Jan-10	1.080		0.915		1.040		0.946		0.724		0.603		0.672		0.607							0.672
		21-Apr-10	1.200		2.000		4.380		1.610		1.800		1.670		1.430		1.350							0.174
		16-Jul-10	0.868		0.568		1.290		1.120		1.290		0.729		1.890		0.694							0.330
		15-Oct-10	0.642		0.972		1.340		0.408		0.299		0.174		0.468		0.174	U						0.317
		30-Nov-10	NS		0.620		1.000		NS		NS		NS		0.230		NS							NS
		26-Jan-11	2.810		2.600		2.910		3.320		2.590		2.790		2.540		3.450		2.700		1.010			3.480
		26-Jan-11**	NS		4.300		5.100		NS		NS		NS		4.900		NS							NS
		27-Apr-11	0.295		0.412		2.030		0.642		3.020		0.260		0.412		0.191							0.256
		26-Jul-11	1.240		3.650		2.630		3.670		0.799		0.816		0.864		0.486							0.404
		28-Oct-11	2.400		1.100		1.400		0.750		1.300		1.700		1.900		1.500							0.480
		23-Jan-12	1.600		1.300		1.300		1.500		1.300		1.400		1.400		1.500							1.500
		13-Apr-12	0.810		0.690		0.810		0.660		0.670		0.740		0.640		0.520							0.350
		2-Jul-12 resample	NS		NS		NS		NS		NS		NS		NS		0.260	U						0.260
		20-Jun-12	1.200		1.300		1.200		1.400		1.300		1.200		1.400		1.400							0.770
		1-Nov-12	2.300		1.300		0.960		1.400		1.300		2.100		2.500		1.800							0.340
		1-Feb-13	0.270		0.210		0.220		0.230		0.220		0.210		0.510		0.210							0.400
		29-Apr-13	1.700		1.300		1.300		1.300		1.200		0.920		0.920		2.400							0.320
		9-Jul-13 RIDEM	NS		NS		NS		NS		NS		NS		NS		NS							0.669
		18-Oct-13	2.200		0.270		0.300		1.600		2.300		0.310		4.200		2.700							1.300
		9-Jan-14	10.000		15.0																			

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			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual		
o-Xylene	220.0	8-Feb-08	0.280		0.270		0.870		0.610		0.210		0.170		0.150		0.160							0.200		
		27-Mar-08	0.762		0.718		1.340		1.120		0.920		0.750		0.770		0.640		0.668					0.087	U	
		25-Apr-08	0.824		0.724		3.480		0.821				0.110		0.180		0.786		0.680					0.087	U	
		29-May-08	0.130		0.120		2.080				1.000				0.110		0.150		0.090					0.090	U	
		27-Jun-08	0.463		0.393		1.030				1.030		0.485		0.358		0.833		0.339					0.332	U	
		31-Jul-08	0.476		0.375		0.822				0.371				0.420		0.583		0.240					0.246	U	
		28-Aug-08	0.779		1.020		2.210				2.160				0.683		0.787		0.812					0.832	U	
		30-Sep-08	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U			2.200	U		
		27-Oct-08	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U			2.200	U		
		25-Nov-08	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U			2.200	U		
		18-Dec-08	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U			2.200	U		
		21-Jan-09	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U			2.200	U		
		25-Feb-09	2.200	U	2.200	U	2.600				NS		2.200	U	2.200	U	2.200	U	2.200	U			2.200	U		
		26-Mar-09	1.080		0.798		1.090		1.020				0.551		0.718		0.824		0.651					0.826	U	
		29-Apr-09	0.143		0.186		0.085		U		0.442		0.165		0.100		0.104		0.108					0.156	U	
		22-Jul-09	0.347		0.195		0.690		0.247				0.555		0.742		0.911		0.590					1.240	U	
		9-Oct-09	0.850		0.724		0.954		0.920				0.764		0.764		0.720		0.698					0.759	U	
		15-Jan-10	0.404		0.321		0.356		0.338				0.273		0.230		0.256		0.230					0.273	U	
		21-Apr-10	0.425		0.686		1.260		0.577				0.629		0.603		0.564		0.482					0.087	U	
		16-Jul-10	0.273		0.186		0.312		0.304				,503		0.200		0.703		0.230					0.126	U	
		15-Oct-10	0.186		0.265		0.347		U		0.130				0.139		0.087	U	2.000		0.087	U		0.104	U	
		30-Nov-10	NS		0.226		0.325				NS		NS		NS		0.091		NS					NS	U	
		26-Jan-11	1.000		0.981		1.020				1.150		0.948		1.030		0.922		1.270		1.000		0.392		1.280	U
		26-Jan-11**	NS		1.600		1.900				NS		NS		NS		1.900		NS					NS	U	
		27-Apr-11	0.133		0.134		0.616		0.208				0.824		0.091		0.152		0.080	U					0.095	U
		26-Jul-11	0.439		1.520		0.643		2.210				0.295		0.395		0.308		0.165						0.139	U
		28-Oct-11	0.810		0.360		0.440		0.260				0.450		0.550		0.660		0.470						0.180	U
		23-Jan-12	0.630		0.520		0.530		0.620				0.530		0.580		0.580		0.600						0.590	U
		13-Apr-12	0.320		0.270		0.320		0.270				0.280		0.300		0.270		0.220						0.200	U
		2-Jul-12 resample	NS		NS		NS				NS		NS		NS		NS		0.130	U					0.130	U
		20-Jun-12	0.470		0.056		0.430		0.580				0.490		0.460		0.530		0.510						0.280	U
		1-Nov-12	0.860		0.480		0.350		0.510				0.480		0.780		0.930		0.710						0.140	U
		1-Feb-13	0.110		0.089		0.087		U		0.087				0.092		0.090		0.220						0.140	U
		29-Apr-13	0.590		0.460		0.460		0.450				0.450		0.330		0.910		0.430						0.120	U
		9-Jul-13	0.350		0.320		0.300				0.350		0.340		0.300		0.330		0.310		</					

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			Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual	Room	Qual			
^w Continuing calibration did not meet method specifications and was biased on the high side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.																	
^y Estimated result as the result was between the MDL and the RDL.																	
^x Initial calibration verification did not meet standard. Reported value is likely to be biased on the high side.																	
^d Elevated method detection limits due to failure of Con-test internal standards. Applies to Ambient Outdoor Air sample.																	
NOTES:																	
All data presented in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$).																	
Two values displayed with a slash indicates dilutions resulting in two different concentrations																	
U = Designation indicates that the compound was not detected by the laboratory. Reporting limit shown in the data column.																	
NS = Not sampled.																	
None = No Draft Proposed CT Residential TAC for this compound.																	
= exceedance of interim RIDEM-approved action level																	

APPENDIX C

Subslab Vapor Analytical Summary

Summary of Subslab Air Sampling Data
Alvarez School
Volatile Organic Compounds
February 2008 - July 2018

Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	17.2		NS		4.75	U	NS		5.62		11.4
	27-Mar-08	NS		28.7		NS		NS		NS		NS
	25-Apr-08	NS		NS		188		NS		34		12.4
	29-May-08	NS		NS		40.9		NS		9.82		33.9
	27-Jun-08	107		NS		NS		NS		NS		NS
	31-Jul-08	NS		101		NS		NS		14.4		9.73
	28-Aug-08	NS		NS		1130		NS		46		18.1
	30-Sep-08	NS		NS		32.8		NS		NS		12.8
	27-Oct-08	19.6		NS		NS		15		17.9		33.3
	25-Nov-08	NS		148		NS		183		13		24.7
	18-Dec-08	NS		NS		856		NS		NS		37.2
	21-Jan-09	NS		NS		19.1		NS		6.1		22
	25-Feb-09	28.6		NS		NS		60.9		2.4		4.8
	26-Mar-09	NS		102		NS		47.5	U	NS		NS
	29-Apr-09	NS		NS		1980		NS		5.15		64.8
	22-Jul-09	58.5		NS		58.5		148		NS		22.1
	9-Oct-09	NS		25.7		NS		49.7		96		NS
	15-Jan-10	33.6		NS		90.9		22.8		11100		16.8
	21-Apr-10	NS		21.9		NS		206		NS		NS
	16-Jul-10	654		NS		4800		202		11400		73.4
	15-Oct-10	NS		11.3		NS		26		10.2		21.1
	26-Jan-11	114		26.8		NS		54.4		18.3		NS
	28-Feb-11	NS		NS		80.8		NS		34.4		21.2
	27-Apr-11	NS		106		NS		255		NS		NS
	26-Jul-11	76.2		NS		120	E	NS		220		33.3
	28-Oct-11	NS		48	U	NS		48	U	227		NS
	23-Jan-12	37		NS		36		19		17.8		NS
	13-Apr-12	NS		32		NS		70		2870		58.2
	2-Jul-12 (resample)	NS		NS		NS		NS		7.28		NS
	23-Jun-12	21		NS		30		370		NS		NS
Acetone	1-Nov-12	NS		41		NS		52		NS		43
	1-Feb-13	17		NS		12		25		NS		NS
	29-Apr-13	NS		45		NS		100		68		43
	9-Jul-13	100		NS		170		130		NS		NS
	18-Oct-13	NS		43		NS		61		260		NS
	9-Jan-14	250		NS		16		25		NS		42
	24-Apr-14	NS		18		NS		13		47		33
	1-Aug-14	31 ^M		NS		110/99 ^{ME}		110/100 ^{ME}		57		30
	27-Aug-14	NS		NS		NS		NS		48		NS
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS
	22-Oct-14	NS		31		NS		14		17		NS
	20-Jan-15	14		NS		23		23		3.8		NS
	30-Mar-15 (resample)	NS		NS		NS		NS		40		NS
	22-Apr-15	NS		87 ^V		NS		1.9 ^V	U	39		72
	21-Jul-15	12		NS		22		20		NS		NS
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS
	29-Oct-15	NS		4.5		NS		20		9.2		22
	4-Dec-15 resample	NS		1.9		NS		NS		NS		NS
	27-Jan-16	8.4		NS		9.2		7.2		NS		NS
	20-Apr-16	NS		7.3		NS		NS		8.6		NS
	20-Jul-16	37		NS		56		44		11		21
	21-Oct-16	NS		17		NS		25		11		NS
	31-Jan-17	7.4 ^{L,V}		NS ^{L,V}		8.9 ^{L,V}		5.9 ^{L,V}		12		51
	17-Apr-17	NS		7		NS		17		29		52
	26-Jul-17	19		NS		15		17		NS		NS
	12-Oct-17	NS		32		NS		NS		13		49
	10-Jan-18	39		NS		17		8.1		7.5		NS
	11-Apr-18	NS		34		NS		26		18		33
	23-May-18	NS		NS		NS		NS		22		33
	27-Jul-18	73		NS		110		130		26		28
								77		63		40
								NS		NS		NS
								NS		NS		NS

Summary of Subslab Air Sampling Data
Alvarez School
Volatile Organic Compounds
February 2008 - July 2018

Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	1.08	U	NS	NS	1.08	U	NS	NS	1.08	U	1.08
	27-Mar-08	NS	U	1.08	U	NS	NS	NS	NS	1.08	U	1.08
	25-Apr-08	NS	U	NS	1.08	U	NS	NS	1.08	U	NS	1.08
	29-May-08	NS	U	NS	NS	1.08	U	NS	NS	1.08	U	NS
	27-Jun-08	1.69	U	NS	NS	1.08	U	NS	NS	1.08	U	1.08
	31-Jul-08	NS	U	1.08	U	NS	NS	NS	NS	1.08	U	1.08
	28-Aug-08	NS	U	NS	1.08	U	NS	NS	1.08	U	NS	NS
	30-Sep-08	NS	U	NS	NS	2.2	U	NS	NS	2.2	U	2.2
	27-Oct-08	2.2	U	NS	NS	2.2	U	NS	NS	2.2	U	2.2
	25-Nov-08	NS	U	2.2	U	NS	2.2	U	NS	2.2	U	2.2
	18-Dec-08	NS	U	NS	2.2	U	NS	2.2	U	NS	2.2	U
	21-Jan-09	NS	U	NS	NS	2.2	U	NS	NS	2.2	U	2.2
	25-Feb-09	2.2	U	NS	NS	2.2	U	NS	NS	2.2	U	NS
	26-Mar-09	NS	U	5.42	U	NS	10.8	U	NS	NS	1.08	U
	29-Apr-09	NS	U	NS	1.08	U	NS	1.08	U	NS	1.08	U
	22-Jul-09	5.42	U	NS	5.42	U	10.8	U	NS	1.08	U	1.08
	9-Oct-09	NS	U	0.051	U	NS	1.08	U	NS	1.08	U	1.08
	15-Jan-10	1.08	U	NS	1.08	U	NS	1.08	U	NS	1.08	U
	21-Apr-10	NS	U	1.08	U	NS	5.42	U	NS	5.42	U	1.08
	16-Jul-10	1.08	U	NS	1.08	U	NS	8.19	U	NS	1.08	U
	15-Oct-10	NS	U	0.108	U	NS	1.08	U	NS	1.08	U	1.08
	26-Jan-11	10.8	U	1.08	U	NS	1.08	U	5.42	U	5.42	U
	28-Feb-11	NS	U	NS	10.8	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS	U	1.08	U	NS	1.08	U	NS	1.08	U	1.08
	26-Jul-11	3.62	U	NS	3.62	U	1.08	U	NS	5.42	U	1.08
	28-Oct-11	NS	U	6.2	U	NS	6.2	U	NS	6.2	U	6.2
	23-Jan-12	1.2	U	NS	1.2	U	1.2	U	NS	1.2	U	1.2
	13-Apr-12	NS	U	1.2	U	NS	NS	1.2	U	1.2	U	1.2
Acrylonitrile	2-Jul-12 (resample)	NS	U	NS	NS	NS	NS	NS	NS	NS	6.2	U
	23-Jun-12	1.2	U	NS	1.2	U	1.2	U	NS	1.2	U	NS
	1-Nov-12	NS	U	0.25	U	NS	0.25	U	NS	0.25	U	0.25
	1-Feb-13	0.25	U	NS	0.25	U	0.25	U	NS	0.25	U	0.25
	29-Apr-13	NS	U	0.62	U	NS	0.25	U	NS	0.25	U	0.25
	9-Jul-13	0.37	U	NS	0.25	U	0.25	U	NS	0.25	U	0.25
	18-Oct-13	NS	U	0.25	U	NS	0.25	U	NS	0.25	U	0.25
	9-Jan-14	0.25	U	NS	0.25	U	0.25	U	NS	0.25	U	0.25
	24-Apr-14	NS	U	0.25	U	NS	0.25	U	NS	0.25	U	0.37
	1-Aug-14	0.25	U	NS	0.37	U	0.37	U	NS	0.25	U	NS
	27-Aug-14	NS	U	NS	NS	NS	0.25	U	NS	NS	NS	NS
	12-Sept-14 (resample)	NS	U	NS	NS	NS	NS	NS	NS	0.37 LV	U	NS
	22-Oct-14	NS	U	0.37 L	U	NS	0.37 L	U	0.37 L	U	0.37 L	U
	20-Jan-15	0.25	U	NS	0.25	U	0.25	U	NS	0.37	U	0.25
30-Mar-15 (resample)	NS	U	NS	NS	NS	NS	NS	NS	NS	0.28	U	NS
	22-Apr-15	NS	U	0.26 L	U	NS	0.25 L	U	NS	0.50	U	0.25 L
	21-Jul-15	0.1	U	NS	0.4	U	2	U	NS	0.1	U	0.1
23-Sept-15 resample	NS	U	NS	NS	NS	NS	NS	NS	NS	0.1	U	NS
	29-Oct-15	NS	U	0.1	U	NS	0.1	U	NS	0.1	U	0.1
4-Dec-15 resample	NS	U	0.1	U	NS	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	0.25	U	NS	0.25	U	0.25	U	NS	0.25	U	0.25
	20-Apr-16	NS	U	0.25	U	NS	0.25	U	NS	0.25	U	0.25
	20-Jul-16	1.3	U	NS	1.3 MW	U	1.3	U	NS	1.3	U	1.3
	21-Oct-16	NS	U	0.25	U	NS	0.25	U	NS	0.25	U	0.25
	31-Jan-17	0.25	U	NS	0.25	U	0.25	U	NS	0.25	U	0.25
	17-Apr-17	NS	U	0.38	U	NS	0.38	U	NS	0.38	U	0.38
	26-Jul-17	0.25	U	NS	0.25	U	0.25	U	NS	0.25	U	NS
	12-Oct-17	NS	U	0.25	U	NS	0.25	U	NS	0.76	U	0.63
	10-Jan-18	0.25	U	NS	0.25	U	0.25	U	NS	0.71	U	0.63
	11-Apr-18	NS	U	0.25	U	NS	2.5	U	NS	2.5	U	0.25
	23-May-18	NS	U	NS	NS	NS	NS	NS	NS	NS	NS	0.25
	27-Jul-18	1.3	U	NS	1.3	U	1.3	U	NS	1.3	U	1.3

Summary of Subslab Air Sampling Data
Alvarez School
Volatile Organic Compounds
February 2008 - July 2018

Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.92		NS		0.98		NS		0.54	0.85	NS
	27-Mar-08	NS		0.54		NS		NS		NS	0.788	0.635
	25-Apr-08	NS		NS	0.584	NS		NS		0.428	NS	0.536
	29-May-08	NS		NS		0.73		NS		1.03	0.61	NS
	27-Jun-08	0.626		NS		0.468		NS		NS	0.499	0.399
	31-Jul-08	NS		0.418		NS		NS		NS	NS	0.265
	28-Aug-08	NS		NS	1.02	NS		NS		0.537	NS	0.265
	30-Sep-08	NS		NS		1.6	U	NS		NS	0.815	NS
	27-Oct-08	1.6	U	NS		NS		1.6	U	NS	1.6	U
	25-Nov-08	NS		1.6	U	NS		1.6	U	NS	1.6	U
	18-Dec-08	NS		NS	1.6	U	NS	1.6	U	NS	1.6	U
	21-Jan-09	NS		NS		1.6	U	NS		1.6	U	1.6
	25-Feb-09	1.6	U	NS		NS		1.6	U	NS	1.6	U
	26-Mar-09	NS		2.1		NS		2.23	U	NS	NS	0.945
	29-Apr-09	NS		NS	0.603			NS		0.246	NS	0.367
	22-Jul-09	1.12	U	NS	56	2.23	U	NS		1.45	NS	0.629
	9-Oct-09	NS		1.15		NS		NS		0.431	46.6	0.824
	15-Jan-10	0.763		NS		0.887		NS		1.26	NS	0.964
	21-Apr-10	NS		0.373		NS		0.16	U	NS	1.61	0.635
	16-Jul-10	0.332		NS	1.53	0.689		NS		2.41	U	0.319
	15-Oct-10	NS		0.319	U	NS		0.319	U	0.319	U	0.319
	26-Jan-11	3.19	U	2.49		2.46		NS		1.6	U	1.9
	28-Feb-11	NS		NS	3.19	U	NS		NS	NS	NS	NS
	27-Apr-11	NS		0.319	U	NS		0.319	U	NS	0.319	0.319
	26-Jul-11	1.06	U	NS	1.06	0.434		NS		1.6	U	1.6
	28-Oct-11	NS		1.6	U	NS		1.6	U	NS	1.6	U
	23-Jan-12	0.84		NS	1.2	0.98		NS		0.81	NS	1.5
	13-Apr-12	NS		0.32	U	NS		0.32	U	NS	0.32	U
Benzene	2-Jul-12 (resample)	NS		NS		NS		NS		NS	NS	0.32
	23-Jun-12	0.45		NS	0.61	0.88		NS		0.43	NS	0.4
	1-Nov-12	NS		0.45		NS		0.43		NS	0.49	0.56
	1-Feb-13	0.33		NS	0.45	0.47		NS		0.35	NS	0.45
	29-Apr-13	NS		0.41		NS		0.38		NS	0.41	0.47
	9-Jul-13	0.64		NS	0.93	0.76		NS		0.70	NS	0.65
	18-Oct-13	NS		0.66		NS		0.63		NS	0.86	1.0
	9-Jan-14	1.2		NS	1.1	0.97		NS		1.1	NS	1.5
	24-Apr-14	NS		0.3		NS		0.22		NS	0.32	0.39
	1-Aug-14	0.49		NS	0.79/0.76	0.68/0.69		NS		NS	NS	0.43
	27-Aug-14	NS		NS		NS		0.69		NS	NS	NS
	12-Sept-14 (resample)	NS		NS		NS		NS		NS	0.43	NS
	22-Oct-14	NS		0.28		NS		0.21		0.19	0.34	0.36
	20-Jan-15	0.42		NS	0.33	0.45		NS		0.31	NS	0.63
	30-Mar-15 (resample)	NS		NS		NS		NS		NS	NS	0.41
	22-Apr-15	NS		0.48		NS		0.35		NS	0.46	0.57/0.60
	21-Jul-15	0.35		NS	0.520 ^j	3	U	NS		0.29	NS	0.29 ^o
	23-Sept-15 resample	NS		NS		NS		NS		NS	0.28	0.41 ^o
	29-Oct-15	NS		0.15 ^j		NS		0.19		NS	0.26 ^j	0.24
	4-Dec-15 resample	NS		0.11 ^j		NS		NS		NS	NS	NS
	27-Jan-16	0.32		NS	0.5	0.53		NS		0.43	NS	0.72
	20-Apr-16	NS		0.21		NS		0.27		NS	0.27	0.69
	20-Jul-16	0.32	U	NS	0.7	0.41		NS		0.68	NS	0.43
	21-Oct-16	NS		0.35		NS		0.84		NS	0.58	1.3
	31-Jan-17	0.24		NS	0.43	0.37		NS		0.37	NS	0.66
	17-Apr-17	NS		0.25		NS		0.26		NS	0.24	0.33
	26-Jul-17	0.2		NS	0.41	0.36		NS		0.37	NS	0.4
	12-Oct-17	NS		0.18		NS		0.17		NS	0.23	0.4
	10-Jan-18	0.26		NS	0.46	0.46		NS		0.44	NS	0.37
	11-Apr-18	NS		0.36		NS		0.64	U	NS	0.64	0.99
	23-May-18	NS		NS		NS		NS		NS	NS	0.3
	27-Jul-18	0.32	U	NS	0.6	0.39		NS		0.43	NS	0.37

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Alvarez School
Volatile Organic Compounds
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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
Bromodichloromethane	8-Feb-08	0.13	U	NS	NS	0.13	U	NS	0.13	U	0.13	U
	27-Mar-08	NS		0.134	U	NS	0.134	U	NS	NS	0.134	U
	25-Apr-08	NS		NS	0.134	U	NS	0.134	U	NS	0.134	U
	29-May-08	NS		NS	0.134	U	NS	0.134	U	0.134	U	0.134
	27-Jun-08	0.209	U	NS	NS	0.13	U	NS	NS	0.13	U	0.13
	31-Jul-08	NS		0.134	U	NS	NS	NS	NS	0.134	U	0.134
	28-Aug-08	NS		NS	0.134	U	NS	NS	0.134	U	0.134	U
	30-Sep-08	NS		NS	0.52		NS	NS	0.13	U	0.23	0.13
	27-Oct-08	0.13	U	NS	NS	1.07		NS	NS	0.13	U	0.13
	25-Nov-08	NS		0.13	U	NS	0.13	U	NS	0.13	U	NS
	18-Dec-08	NS		NS	0.13	U	NS	0.13	U	NS	0.13	U
	21-Jan-09	NS		NS	0.13	U	NS	NS	0.13	U	NS	0.13
	25-Feb-09	0.13	U	NS	NS	0.13	U	NS	NS	0.13	U	NS
	26-Mar-09	NS		0.67	U	NS	1.34	U	NS	NS	0.134	U
	29-Apr-09	NS		NS	0.134	U	NS	0.134	U	NS	0.134	U
	22-Jul-09	0.67	U	NS	27.3	U	1.34	U	NS	0.134	U	0.134
	9-Oct-09	NS		0.134	U	NS	0.134	U	NS	0.134	U	0.134
	15-Jan-10	0.134	U	NS	0.134	U	0.134	U	NS	0.134	U	0.134
	21-Apr-10	NS		0.134	U	NS	0.67	U	NS	0.67	U	0.134
	16-Jul-10	0.134	U	NS	0.134	U	0.134	U	NS	0.134	U	0.134
	15-Oct-10	NS		0.134	U	NS	0.134	U	NS	0.134	U	0.134
	26-Jan-11	1.34	U	0.134	U	NS	0.134	U	NS	0.67	U	0.67
	28-Feb-11	NS		NS	1.34	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS		0.134	U	NS	0.134	U	NS	0.134	U	0.134
	26-Jul-11	0.447	U	NS	0.447	U	0.134	U	NS	0.134	U	0.134
	28-Oct-11	NS		3.4	U	NS	3.4	U	NS	3.4	U	3.4
	23-Jan-12	0.67	U	NS	0.67	U	0.67	U	NS	0.67	U	0.67
	13-Apr-12	NS		0.34	U	NS	0.34	U	NS	0.34	U	0.34
	2-Jul-12 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	NS	1.7
	23-Jun-12	0.67	U	NS	0.67	U	0.67	U	NS	0.67	U	0.67
	1-Nov-12	NS		0.067	U	NS	0.067	U	NS	0.067	U	0.067
	1-Feb-13	0.067	U	NS	0.067	U	0.067	U	NS	0.067	U	0.067
	29-Apr-13	NS		0.16	U	NS	0.067	U	NS	0.067	U	0.067
	9-Jul-13	0.1	U	NS	0.067	U	0.067	U	NS	0.067	U	0.23
	18-Oct-13	NS		0.13	U	NS	0.13	U	NS	0.13	U	0.13
	9-Jan-14	0.13	U	NS	0.13	U	0.13	U	NS	0.13	U	0.13
	24-Apr-14	NS		0.13	U	NS	0.13	U	NS	0.13	U	0.20
	1-Aug-14	0.13	U	NS	0.20	U	0.20	U	NS	0.13	U	NS
	27-Aug-14	NS		NS	NS	NS	0.067	U	NS	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	NS	NS	NS	NS	NS	0.1	U	NS
	22-Oct-14	NS		0.10	U	NS	0.10	U	0.10	U	0.10	U
	20-Jan-15	0.067	U	NS	0.067	U	0.067	U	NS	0.1	U	0.067
	30-Mar-15 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	NS	0.075
	22-Apr-15	NS		0.069	U	NS	0.067	U	NS	0.067	U	0.067
	21-Jul-15	0.3	U	NS	7	U	NS	0.4	U	NS	0.30°	U
	23-Sept-15 resample	NS		NS	NS	NS	NS	NS	NS	0.3	U	NS
	29-Oct-15	NS		0.4	U	NS	0.4	U	NS	0.3	U	0.3
	4-Dec-15 resample	NS		0.3	U	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	0.067	U	NS	0.067	U	0.067	U	NS	0.067	U	0.42
	20-Apr-16	NS		0.067	U	NS	0.83		NS	0.067	U	0.12
	20-Jul-16	0.34	U	NS	0.34	U	0.34	U	NS	0.43	U	NS
	21-Oct-16	NS		0.067	U	NS	0.067	U	NS	0.067	U	0.067
	31-Jan-17	0.067	U	NS	0.067	U	0.067	U	NS	0.067	U	NS
	17-Apr-17	NS		0.10	U	NS	0.10	U	0.10	U	0.10	U
	26-Jul-17	0.067	U	NS	0.067	U	0.067	U	NS	0.067	U	0.17
	12-Oct-17	NS		0.067	U	NS	0.067	U	0.2	U	0.19	U
	10-Jan-18	0.067	U	NS	0.067	U	0.067	U	NS	0.067	U	0.067
	11-Apr-18	NS		0.13	U	NS	1.3	U	NS	1.3	U	1.3
	23-May-18	NS		NS	NS	NS	NS	NS	NS	NS	U	NS
	27-Jul-18	0.34	U	NS	0.34	U	0.34	U	NS	0.34	U	NS

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.21	U	NS	NS	0.21	U	NS	0.21	U	0.21	U
	27-Mar-08	NS		0.206	U	NS	0.206	U	NS	NS	0.206	U
	25-Apr-08	NS		NS	0.206	U	NS	0.206	U	NS	0.206	U
	29-May-08	NS		NS	NS	0.21	U	NS	0.21	U	NS	U
	27-Jun-08	0.322	U	NS	NS	0.206	U	NS	NS	NS	0.206	U
	31-Jul-08	NS		0.206	U	NS	NS	NS	NS	NS	0.206	U
	28-Aug-08	NS		NS	0.206	U	NS	NS	0.206	U	NS	U
	30-Sep-08	NS		NS	0.41	U	NS	NS	0.41	U	0.41	U
	27-Oct-08	0.41	U	NS	NS	0.41	U	NS	NS	0.41	U	U
	25-Nov-08	NS		0.14	U	NS	NS	0.41	U	NS	0.41	U
	18-Dec-08	NS		NS	0.41	U	NS	NS	0.41	U	0.41	U
	21-Jan-09	NS		NS	0.41	U	NS	NS	0.41	U	NS	U
	25-Feb-09	0.41	U	NS	NS	0.14	U	NS	NS	0.41	U	NS
	26-Mar-09	NS		1.03	U	NS	NS	2.06	U	NS	0.206	U
	29-Apr-09	NS		NS	0.206	U	NS	NS	0.206	U	NS	0.206
	22-Jul-09	1.03	U	NS	42	U	2.06	U	1.03	U	NS	0.206
	9-Oct-09	NS		0.206	U	NS	NS	0.206	U	43.1	U	NS
	15-Jan-10	0.206	U	NS	0.206	U	NS	0.206	U	0.206	U	NS
	21-Apr-10	NS		0.206	U	NS	NS	1.03	U	1.03	U	0.206
	16-Jul-10	0.206	U	NS	0.206	U	NS	1.56	U	NS	0.206	U
	15-Oct-10	NS		0.206	U	NS	NS	0.206	U	0.206	U	0.206
	26-Jan-11	2.06	U	0.206	U	NS	0.206	U	1.03	U	1.03	U
	28-Feb-11	NS		NS	2.06	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS		0.206	U	NS	NS	0.206	U	0.206	U	0.206
	26-Jul-11	0.69	U	NS	0.69	U	0.207	U	1.03	U	NS	0.207
	28-Oct-11	NS		5.2	U	NS	5.2	U	5.2	U	5.2	U
	23-Jan-12	1	U	NS	1	U	NS	1	U	1	U	1
	13-Apr-12	NS		1	U	NS	NS	NS	1	U	NS	1
Bromoform	2-Jul-12 (resample)	NS		NS	5.2	U						
	23-Jun-12	1	U	NS	1	U	1	U	1	U	1	U
	1-Nov-12	NS		0.21	U	NS	0.21	U	0.21	U	0.21	U
	1-Feb-13	0.21	U	NS	0.21	U	0.21	U	NS	0.21	U	NS
	29-Apr-13	NS		0.52	U	NS	0.21	U	0.21	U	0.21	U
	9-Jul-13	0.31	U	NS	0.21	U	0.21	U	NS	0.21	U	NS
	18-Oct-13	NS		0.21	U	NS	0.21	U	0.21	U	0.21	U
	9-Jan-14	0.21	U	NS	0.21	U	0.21	U	NS	0.21	U	NS
	24-Apr-14	NS		0.21	U	NS	0.21	U	0.21	U	0.21	U
	1-Aug-14	0.21	U	NS	0.31	U	0.31	U	NS	0.21	U	NS
	27-Aug-14	NS		NS	NS	NS	NS	0.21	U	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	NS	NS	NS	NS	NS	0.13	U	NS
	22-Oct-14	NS		0.31	U	NS	0.31	U	0.31	U	0.31	U
	20-Jan-15	0.21	U	NS	0.21	U	0.21	U	NS	0.31	U	0.21
	30-Mar-15 (resample)	NS		NS	0.23	U						
	22-Apr-15	NS		0.21	U	NS	0.21	U	0.21	U	0.21	U
	21-Jul-15	0.5	U	NS	2	U	10	U	0.6	U	0.50 °	U
	23-Sept-15 resample	NS		NS	NS	NS	NS	NS	0.5	U	NS	NS
	29-Oct-15	NS		0.6	U	NS	0.6	U	0.9	U	0.5	U
	4-Dec-15 resample	NS		0.5	U	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	0.21	U	NS	0.21	U	0.21	U	NS	NS	0.21	U
	20-Apr-16	NS		0.21	U	NS	0.21	U	0.21	U	0.21	U
	20-Jul-16	1.0	U	NS	1.0	U	1.0	U	1.0	U	1.0	U
	21-Oct-16	NS		0.21	U	NS	0.21	U	0.21	U	0.2	U
	31-Jan-17	0.21	U	NS	0.21	U	0.21	U	NS	0.21	U	NS
	17-Apr-17	NS		0.310	U	NS	0.310	U	0.310	U	0.310	U
	26-Jul-17	0.21	U	NS	0.21	U	0.21	U	NS	0.210	U	NS
	12-Oct-17	NS		0.21	U	NS	0.21	U	0.63	U	0.52	U
	10-Jan-18	0.21	U	NS	0.21	U	0.21	U	NS	0.210	U	NS
	11-Apr-18	NS		0.21	U	NS	NS	NS	2.1°	U	0.210	U
	23-May-18	NS		NS	NS	NS	NS	NS	2.1°	U	0.31	U
	27-Jul-18	1.0	U	NS	1.0	U	1.0	U	NS	NS	1.0	U

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
2-Butanone	8-Feb-08	126	NS	226	NS	NS	1.47	U	NS	NS	3.08	10.6
	27-Mar-08	NS	NS	477	NS	NS	NS	NS	NS	NS	11.9	3.9
	25-Apr-08	NS	NS	527	NS	NS	1680	NS	NS	NS	1.47	U
	29-May-08	NS	NS	596	NS	NS	591	NS	2.24	NS	NS	
	27-Jun-08	1080	NS	1350	NS	NS	NS	NS	NS	6.92	3.64	
	31-Jul-08	NS	NS	8380	NS	NS	102	NS	12	NS	2.56	
	28-Aug-08	NS	NS	101	NS	NS	194	NS	5.29	9.18	NS	
	30-Sep-08	NS	NS	30.5	NS	NS	NS	NS	2	1.5	U	
	27-Oct-08	53.5	NS	NS	NS	NS	NS	NS	2.4	NS	5.7	
	25-Nov-08	NS	802	NS	NS	NS	259	NS	1.8	2.4	NS	
	18-Dec-08	NS	NS	5630	NS	NS	8.3	NS	2.6	3.3	NS	
	21-Jan-09	NS	NS	209	NS	NS	NS	24	1.5	U	1.5	U
	25-Feb-09	30	NS	NS	198	NS	NS	NS	1.5	U	1.5	U
	26-Mar-09	NS	926	NS	NS	29.1	NS	NS	NS	2.66	3.02	
	29-Apr-09	NS	NS	12400	NS	NS	38.1	NS	1.47	U	NS	3.06
	22-Jul-09	433	NS	433	410	NS	151	NS	21.6	2.8	NS	
	9-Oct-09	NS	289	NS	NS	1.47	U	NS	19.1	22700	2.75	NS
	15-Jan-10	29.8	NS	826	64.1	NS	38.4	NS	NS	2.64	1.6	NS
	21-Apr-10	NS	6.44	NS	7.37	U	NS	34.6	1840	16.8	NS	14.5
	16-Jul-10	5320	NS	21000	441	NS	10400	NS	NS	1.54	2.8	NS
	15-Oct-10	NS	117	NS	NS	44.9	NS	2.85	18.2	1.47	U	1.92
	26-Jan-11	940	22.3	NS	16.5	NS	7.37	U	NS	50.4	7.37	U
	28-Feb-11	NS	NS	625	NS	NS	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS	6.87	NS	NS	171	NS	11.3	15.3	5.38	NS	10.4
	26-Jul-11	690	E	82.9	93.2	NS	11000	NS	NS	2.07	7.37	U
	28-Oct-11	NS	59	U	NS	59	U	59	U	59	U	59
	23-Jan-12	110	NS	70	12	U	20	NS	12	U	12	U
	13-Apr-12	NS	16	NS	74	NS	12	U	12	U	12	U
2-Jul-12 (resample)	NS	NS	92	3700	NS	1900	NS	NS	NS	12	U	NS
	23-Jun-12	75	NS	NS	44	NS	3.6	12	3.7	NS	4.2	
	1-Nov-12	NS	24	NS	16	NS	20	NS	NS	2.4	2.4	U
	1-Feb-13	36	NS	4.9	NS	110	NS	6.1	7	7.2	NS	4.5
	29-Apr-13	NS	170	NS	130	79	370	NS	NS	6.8	2.4	U
	9-Jul-13	98	NS	NS	28	NS	4	52	8.2	NS	6.4	
	18-Oct-13	NS	91	NS	11	26	NS	NS	NS	4.2	2.6	NS
	9-Jan-14	1900	NS	NS	11	NS	11	NS	NS	8.1	2.5	3.5
	24-Apr-14	NS	32	NS	11	NS	3.2	19	NS	5.8	4.3	NS
	1-Aug-14	38	NS	110/81	110/93	NS	NS	NS	NS	NS	NS	NS
	27-Aug-14	NS	NS	NS	NS	NS	12	NS	NS	NS	NS	NS
12-Sept-14 (resample)	NS	NS	NS	NS	NS	NS	NS	7.0	NS	NS	NS	NS
	22-Oct-14	NS	5.8	NS	16	3.5	U	3.9	3.5	U	15	4.7
	20-Jan-15	5.1	NS	3.9	4.3	NS	2.4	NS	NS	7.5	6.2	NS
30-Mar-15 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5.5	NS
	22-Apr-15	NS	17 ^v	NS	NS	23 ^v	NS	11	11	19	NS	10
	21-Jul-15	17	NS	55	170	NS	21	NS	NS	20 ^o	22 ^o	NS
23-Sept-15 resample	NS	NS	NS	NS	NS	NS	7.9	NS	NS	NS	NS	NS
	29-Oct-15	NS	10	NS	13	NS	11	5.7	2.1	NS	3.1	
4-Dec-15 resample	NS	3.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	2.4	U	NS	2.4	U	NS	2.4	U	NS	12	4.4
	20-Apr-16	NS	21	NS	29	NS	34	NS	21	12	NS	4.1
	20-Jul-16	36	NS	37	12	U	46	NS	NS	32	12	U
	21-Oct-16	NS	21	NS	12	NS	3.3	3.3	5.1	NS	8.3	
	31-Jan-17	2.4	U	2.8	2.4	U	2.4	NS	5	5.6	NS	
	17-Apr-17	NS	13	NS	21	NS	4.2	16	8	NS	7	
	26-Jul-17	29	NS	16	6.1	NS	7.3	NS	NS	6.8	3.5	NS
	12-Oct-17	NS	8.3	NS	8.3	NS	7.1	U	5.9	6.7	U	5.9
	10-Jan-18	96 ^E	NS	18	2.4	U	8.1	NS	NS	4.7	NS	3.5
	11-Apr-18	NS	6	NS	24	NS	24	U	24	5.1	NS	24
	23-May-18	NS	NS	NS	NS	NS	NS	NS	NS	NS	3.5	U
	27-Jul-18	22	NS	24	12	U	12	U	NS	20	12	NS

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			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual	
n-Butylbenzene	8-Feb-08	2.74	U	NS		NS		NS		2.74	U	NS		NS		NS		2.74	U	2.74	U	NS		
	27-Mar-08	NS		2.74	U	NS		NS		NS		NS		NS		NS		NS		2.74	U	2.74	U	
	25-Apr-08	NS		NS		2.74	U	NS		NS		NS		2.74	U	NS		2.74	U	NS		2.74	U	
	29-May-08	NS		NS		NS		2.74	U	NS		NS		NS		2.74	U	2.74	U	2.74	U	NS		
	27-Jun-08	4.27	U	NS		NS		NS		2.74	U	NS		NS		NS		NS		2.74	U	2.74	U	
	31-Jul-08	NS		2.74	U	NS		NS		NS		NS		NS		NS		2.74	U	NS		2.74	U	
	28-Aug-08	NS		NS		2.74	U	NS		NS		NS		2.74	U	NS		2.74	U	2.74	U	NS		
	30-Sep-08	NS		NS		NS		5.5	U	NS		NS		NS		5.5	U	NS		5.5	U	5.5	U	
	27-Oct-08	22.1		NS		NS		NS		5.5	U	NS		NS		NS		12.8		NS		5.5	U	
	25-Nov-08	NS		5.5	U	NS		NS		NS		5.5	U	NS		NS		5.5	U	11.5		NS		
	18-Dec-08	NS		NS		5.5	U	NS		NS		5.5	U	NS		NS		5.5	U	5.5		5.5	U	
	21-Jan-09	NS		NS		NS		5.5	U	NS		NS		NS		5.5	U	NS		5.5		5.5	U	
	25-Feb-09	5.5	U	NS		NS		NS		5.5	U	NS		NS		NS		5.5	U	5.5		NS		
	26-Mar-09	NS		13.7	U	NS		NS		27.4	U	NS		NS		NS		NS		2.74	U	2.74		
	29-Apr-09	NS		NS		2.74	U	NS		NS		2.74	U	NS		NS		2.74	U	NS		2.74		
	22-Jul-09	13.7	U	NS		13.7	U	27.4	U	NS		13.7	U	NS		NS		2.74	U	2.74	U	NS		
	9-Oct-09	NS		1.08	U	NS		NS		2.74	U	NS		2.74	U	573	U	2.74	U	NS		2.74		
	15-Jan-10	2.74	U	NS		2.74	U	2.74	U	NS		2.74	U	NS		NS		2.74	U	2.74	U	NS		
	21-Apr-10	NS		2.74	U	NS		NS		13.7	U	NS		13.7	U	13.7	U	2.74	U	NS		2.74		
	16-Jul-10	2.74	U	NS		2.74	U	2.74	U	NS		20.7	U	NS		NS		2.74	U	2.74	U	NS		
	15-Oct-10	NS		2.74	U	NS		NS		2.74	U	NS		2.74	U	2.74	U	2.74	U	NS		2.74		
	26-Jan-11	27.4	U	2.74	U	NS		2.74	U	NS		13.7	U	NS		13.7	U	13.7	U	13.7	U	NS		
	28-Feb-11	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		
	27-Apr-11	NS		2.745	U	NS		NS		2.74	U	NS		2.74	U	2.74	U	2.74	U	NS		2.74		
	26-Jul-11	9.17	U	NS		9.17		2.74	U	NS		13.7	U	NS		NS		2.74	U	13.7	U	NS		
	28-Oct-11	NS		7.9	U	NS		NS		7.9	U	NS		7.9	U	7.9	U	7.9	U	NS		7.9		
	23-Jan-12	1.6	U	NS		1.6	U	NS		1.6	U	NS		1.6	U	NS		1.6	U	1.6	U	NS		
	13-Apr-12	NS		1.6	U	NS		NS		NS		NS		NS		NS		NS		7.9	U	NS		
2-Jul-12 (resample)	NS		NS		1.6	U	NS		1.6	U	NS		1.6	U	NS		NS		1.6	U	1.6	U	NS	
	23-Jun-12	1.6	U	NS		1.6	U	NS		0.32	U	NS		0.32	U	0.44	U	0.35	U	0.38		NS	0.32	
	1-Nov-12	NS		0.32	U	NS		0.32	U	NS		0.32	U	NS		NS		0.32	U	0.32	U	NS		
	1-Feb-13	0.32	U	NS		0.32	U	0.32	U	NS		0.32	U	NS		NS		0.32	U	0.32	U	NS		
	29-Apr-13	NS		0.79	U	NS		NS		0.32	U	NS		0.32	U	0.32	U	0.32	U	NS		0.32		
	9-Jul-13	0.47	U	NS		0.32	U	0.32	U	NS		0.32	U	NS		NS		0.32	U	0.32	U	NS		
	18-Oct-13	NS		0.54		NS		NS		0.52		NS		0.74		0.65		0.68		NS		0.87		
	9-Jan-14	0.32	U	NS		0.32	U	0.32	U	NS		0.32	U	NS		NS		0.32	U	0.32	U	NS		
	24-Apr-14	NS		0.32	U	NS		NS		0.32	U	NS		0.32	U	0.32	U	0.32	U	0.32	U	0.47		
	1-Aug-14	0.32	U	NS		0.63		0.47 ⁺	U	NS		NS		NS		NS		0.32	U	0.56		NS		
	27-Aug-14	NS		NS		NS		NS		NS		NS		0.32	U	NS		NS		NS		NS		
12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		0.47	U	NS		NS		NS	
	22-Oct-14	NS		0.47	U	NS		NS		0.47	U	0.47	U	0.47	U	0.47	U	0.47	U	0.63	U	NS		
	20-Jan-15	0.32	U	NS		0.32	U	0.32	U	NS		0.32	U	NS		NS		0.47	U	0.032	U	NS		
30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.36	U	NS		NS	
	22-Apr-15	NS		0.32	U	NS		NS		0.32	U	NS		0.32	U	0.46	U	0.32	U	NS		0.36		
	27-Jan-16	0.32	U																					

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			Qual		Qual		Qual		Qual															
sec-Butylbenzene	8-Feb-08	2.74	U	NS		NS		NS		2.74	U	NS		NS		NS		2.74	U	2.74	U	NS		
	27-Mar-08	NS		2.74	U	NS		NS		2.74	U	2.74	U											
	25-Apr-08	NS		NS		2.74	U	NS		NS		NS		2.74	U	NS		2.74	U	NS		2.74	U	
	29-May-08	NS		NS		NS		2.74	U	NS		NS		NS		2.74	U	2.74	U	2.74	U	NS		
	27-Jun-08	4.27	U	NS		NS		NS		2.74	U	NS		NS		NS		NS		2.74	U	2.74	U	
	31-Jul-08	NS		2.74	U	NS		2.74	U	NS		2.74	U											
	28-Aug-08	NS		NS		2.74	U	NS		NS		NS		2.74	U	NS		2.74	U	2.74	U	NS		
	27-Oct-08	NS		NS		NS		5.5	U	NS		NS		NS		5.5	U	NS		5.5	U	5.5	U	
	27-Oct-08	5.5	U	NS		NS		NS		5.5	U	NS		NS		NS		5.5	U	NS		5.5	U	
	25-Nov-08	NS		5.5	U	NS		NS		NS		5.5	U	NS		NS		5.5	U	5.5	U	NS		
	18-Dec-08	NS		NS		5.5	U	NS		NS		5.5	U	NS		NS		5.5	U	5.5	U	5.5	U	
	21-Jan-09	NS		NS		NS		5.5	U	NS		NS		NS		5.5	U	NS		5.5	U	5.5	U	
	25-Feb-09	5.5	U	NS		NS		NS		5.5	U	NS		NS		NS		5.5	U	5.5	U	NS		
	26-Mar-09	NS		13.7	U	NS		NS		27.4	U	NS		NS		NS		27.4	U	2.74	U	2.74	U	
	29-Apr-09	NS		NS		2.74	U	NS		NS		2.74	U	NS		2.74	U	NS		2.74	U	2.74	U	
	22-Jul-09	13.7	U	NS		13.7	U	27.4	U	NS		13.7	U	NS		NS		2.74	U	2.74	U	NS		
	9-Oct-09	NS		2.74	U	NS		NS		2.74	U	NS		2.74	U	573	U	2.74	U	NS		2.74	U	
	15-Jan-10	2.74	U	NS		2.74	U	2.74	U	NS		2.74	U	NS		NS		2.74	U	2.74	U	NS		
	21-Apr-10	NS		2.74	U	NS		NS		13.7	U	NS		13.7	U	13.7	U	2.74	U	NS		2.74	U	
	16-Jul-10	2.74	U	NS		2.74	U	2.74	U	NS		20.7	U	2.74	U	NS		2.74	U	2.74	U	NS		
	15-Oct-10	NS		2.74	U	NS		NS		2.74	U	NS		2.74	U	2.74	U	2.74	U	NS		2.74	U	
	26-Jan-11	27.4	U	2.74	U	NS		2.74	U	NS		13.7	U	NS		13.7	U	13.7	U	13.7	U	NS		
	28-Feb-11	NS		NS		27.4	U	NS		NS		NS		NS										
	27-Apr-11	NS		2.74	U	NS		NS		2.74	U	NS		2.74	U	2.74	U	2.74	U	NS		2.47	U	
	26-Jul-11	9.17	U	NS		9.17	U	2.74	U	NS		13.7	U	NS		NS		2.74	U	13.7	U	NS		
	28-Oct-11	NS		6.3	U	NS		NS		6.3	U	NS		6.3	U	6.3	U	6.3	U	6.3	U	6.3	U	
	23-Jan-12	1.3	U	NS		1.3	U	1.3	U	NS		1.3	U	NS		1.3	U	1.3	U	1.3	U	NS		
	13-Apr-12	NS		1.3	U	NS		NS		NS		1.3	U											
2-Jul-12 (resample)	NS		NS		NS		NS		NS		1.3	U	NS		1.3	U	NS		1.3	U	1.3	U	NS	
	23-Jun-12	1.3	U	NS		1.3	U	1.3	U	NS		1.3	U	NS		1.3	U	1.3	U	1.3	U	NS		
	1-Nov-12	NS		0.25	U	0.25	U	0.25	U	0.25	U													
	1-Feb-13	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		
	29-Apr-13	NS		0.63	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	
	9-Jul-13	0.38	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		
	18-Oct-13	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	
	9-Jan-14	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		
	24-Apr-14	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	0.25	U	0.38	U	
	1-Aug-14	0.25	U	NS		0.38	U	0.38	U	NS		NS		NS		NS		0.25	U	0.25	U	NS		
	27-Aug-14	NS		0.25	U	NS		NS		NS		NS		NS										
12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		0.38	U	NS		NS		NS	
	22-Oct-14	NS		0.38	U	NS		NS		0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.50	U	NS		
	20-Jan-15	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.38	U	0.25	U	NS		
30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.28	U	NS		NS	
	22-Apr-15	NS		0.26	U	NS		NS		0.25	U	NS		0.25										

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
Carbon tetrachloride	8-Feb-08	0.44	NS	NS	NS	0.46	NS	NS	0.53	0.45	NS	
	27-Mar-08	NS	0.539	NS	NS	0.477	NS	NS	0.576	0.574		
	25-Apr-08	NS	NS	0.417	NS	NS	0.448	NS	0.459	NS	0.448	
	29-May-08	NS	NS	NS	0.46	NS	NS	0.46	0.47	0.46	NS	
	27-Jun-08	0.478	NS	NS	NS	0.506	NS	NS	NS	0.533	0.553	
	31-Jul-08	NS	0.576	NS	NS	NS	NS	NS	0.548	NS	0.495	
	28-Aug-08	NS	NS	0.515	NS	NS	0.549	NS	0.567	0.563	NS	
	30-Sep-08	NS	NS	0.511	NS	NS	NS	0.577	NS	0.451	0.469	
	27-Oct-08	0.48	NS	NS	NS	0.36	NS	NS	0.41	NS	0.56	
	25-Nov-08	NS	0.5	NS	NS	0.42	NS	NS	0.3	0.44	NS	
	18-Dec-08	NS	NS	0.23	NS	NS	0.28	NS	NS	0.48	0.46	
	21-Jan-09	NS	NS	0.36	NS	NS	NS	0.47	0.27	NS	0.67	
	25-Feb-09	0.39	NS	NS	NS	0.36	NS	NS	0.37	0.36	NS	
	26-Mar-09	NS	0.629	U	NS	1.26	U	NS	NS	0.601	0.565	
	29-Apr-09	NS	NS	0.484	NS	NS	0.528	NS	0.522	NS	0.654	
	22-Jul-09	0.629	U	NS	25.6	U	1.26	U	NS	0.515	0.503	
	9-Oct-09	NS	0.691	NS	NS	0.666	NS	0.465	26.2	U	0.71	
	15-Jan-10	0.427	NS	0.647	0.509	NS	0.541	NS	0.541	0.528	NS	
	21-Apr-10	NS	0.126	NS	NS	0.629	U	NS	0.629	U	0.61	
	16-Jul-10	0.459	NS	0.478	0.515	NS	0.95	U	NS	0.559	0.509	
	15-Oct-10	NS	0.509	NS	NS	0.434	NS	0.383	0.402	0.421	NS	0.44
	26-Jan-11	1.26	U	0.415	NS	0.415	NS	0.629	U	0.629	U	0.629
	28-Feb-11	NS	NS	1.26	U	NS	NS	NS	NS	NS	NS	
	27-Apr-11	NS	0.339	NS	NS	0.339	NS	0.33	0.364	0.339	NS	0.327
	26-Jul-11	0.44	NS	0.42	U	0.409	NS	0.629	U	NS	0.402	0.629
	28-Oct-11	NS	3.1	U	NS	3.1	U	NS	3.1	U	3.1	U
	23-Jan-12	0.63	U	NS	0.63	U	0.63	U	NS	0.63	U	NS
	13-Apr-12	NS	0.31	U	NS	NS	0.31	U	0.31	U	0.31	U
2-Jul-12 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.6	U	NS
	23-Jun-12	0.63	U	NS	0.63	U	0.63	U	NS	0.63	U	NS
	1-Nov-12	NS	0.48	NS	NS	0.46	NS	0.46	0.45	NS	0.43	
	1-Feb-13	0.44	NS	0.43	0.39	NS	0.42	NS	NS	0.49	0.5	
	29-Apr-13	NS	0.42	NS	NS	0.44	NS	0.42	0.48	NS	0.46	
	9-Jul-13	0.52	NS	0.52	0.46	NS	0.48	NS	0.45	0.47	NS	
	18-Oct-13	NS	0.45	NS	NS	0.41	NS	0.4	0.45	NS	0.47	
	9-Jan-14	0.40	NS	0.45	0.40	NS	0.43	NS	NS	0.43	0.43	
	24-Apr-14	NS	0.48	NS	NS	0.45	NS	0.42	0.47	0.47	0.47	0.48
	1-Aug-14	0.30	NS	0.44	0.43	NS	NS	NS	NS	0.56	0.43	NS
	27-Aug-14	NS	NS	NS	NS	0.45	NS	NS	NS	NS	NS	
12-Sept-14 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	0.43	NS	NS	U
	22-Oct-14	NS	0.45	NS	NS	0.42	0.43	0.42	0.45	0.43	0.44	NS
	20-Jan-15	0.45	NS	0.49	0.42	NS	0.44	NS	NS	0.48	0.48	NS
30-Mar-15 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.43	NS
	22-Apr-15	NS	0.28	NS	NS	0.29	NS	0.34	0.34/0.36	0.33	NS	0.33
	21-Jul-15	0.270 ^j	NS	1	U	6	U	0.28 ^j	NS	NS	0.25 ^{j,o}	0.24 ^{j,o}
23-Sept-15 resample	NS	NS	NS	NS	NS	NS	NS	NS	0.29 ^j	NS	NS	NS
	29-Oct-15	NS	0.35	NS	NS	0.29 ^j	NS	0.27 ^j	0.28 ^j	0.27 ^j	NS	0.27 ^j
4-Dec-15 resample	NS	0.30 ^j	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	0.57	NS	0.59	0.53	NS	0.56	NS	NS	0.57	0.59	NS
	20-Apr-16	NS	0.65	NS	NS	0.61	NS	0.62	0.65	0.64	NS	0.67
	20-Jul-16	0.42	NS	0.58	0.59	NS	0.64	NS	NS	0.63	0.55	NS
	21-Oct-16	NS	0.49	NS	NS	0.45	NS	0.44	0.46	0.48	NS	0.47
	31-Jan-17	0.41	NS	0.38	0.39	NS	0.4	NS	NS	0.45	0.48	NS
	17-Apr-17	NS	0.49	NS	NS	0.44	NS	0.43	0.49	0.44	NS	0.48
	26-Jul-17	0.4	NS	0.44	0.41	NS	0.4	NS	NS	0.39	0.39	NS
	12-Oct-17	NS	0.38	NS	NS	0.37	NS	0.43	0.62	0.47	NS	0.41
	10-Jan-18	0.34	NS	0.35	0.36	NS	0.35	NS	NS	0.37	NS	0.37
	11-Apr-18	NS	0.49	NS	NS	1.3 ^b	U	1.3 ^b	U	0.55	NS	1.3 ^b
	23-May-18	NS	NS	NS	NS	NS	NS	NS	NS	0.45	NS	NS
	27-Jul-18	0.31	U	NS	0.31	U	0.31	U	NS	0.31	U	NS

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.09	U	NS	NS	0.09	U	NS	0.09	U	0.09	U
	27-Mar-08	NS		0.052	U	NS	0.092	U	NS	NS	0.092	U
	25-Apr-08	NS		NS	U	NS	NS	0.092	U	NS	0.092	U
	29-May-08	NS		NS	U	0.09	U	NS	0.09	U	0.09	U
	27-Jun-08	0.207		NS	U	NS	0.092	U	NS	NS	0.092	U
	31-Jul-08	NS		0.092	U	NS	NS	NS	NS	0.092	U	0.092
	28-Aug-08	NS		NS	U	0.092	U	NS	0.092	U	0.092	U
	30-Sep-08	NS		NS	U	2.3	U	NS	2.3	U	2.3	U
	27-Oct-08	2.3	U	NS	U	NS	2.3	U	NS	NS	2.3	U
	25-Nov-08	NS		2.3	U	NS	NS	2.3	U	NS	2.3	U
	18-Dec-08	NS		NS	U	NS	NS	2.3	U	NS	2.3	U
	21-Jan-09	NS		NS	U	2.3	U	NS	2.3	U	NS	2.3
	25-Feb-09	2.3	U	NS	U	NS	2.3	U	NS	NS	2.3	U
	26-Mar-09	NS		0.46	U	NS	0.92	U	NS	NS	0.092	U
	29-Apr-09	NS		NS	U	0.092	U	NS	0.092	U	NS	0.092
	22-Jul-09	0.46	U	NS	U	18.8	U	0.92	U	NS	0.092	U
	9-Oct-09	NS		0.092	U	NS	NS	0.092	U	NS	0.092	U
	15-Jan-10	0.092	U	NS	U	0.092	U	NS	0.092	U	0.092	U
	21-Apr-10	NS		0.092	U	NS	0.46	U	NS	0.46	U	0.092
	16-Jul-10	0.092	U	NS	U	0.092	U	0.212	U	NS	0.092	U
	15-Oct-10	NS		0.092	U	NS	0.129	U	NS	0.106	U	0.101
	26-Jan-11	0.92	U	0.092	U	NS	0.092	U	0.46	U	0.46	U
	28-Feb-11	NS		NS	U	0.92	U	NS	NS	NS	NS	NS
	27-Apr-11	NS		0.092	U	NS	0.092	U	NS	0.092	U	0.092
	26-Jul-11	0.307	U	NS	U	0.307	U	0.092	U	NS	0.092	U
	28-Oct-11	NS		2.3	U	NS	2.3	U	NS	2.3	U	2.3
	23-Jan-12	0.46	U	NS	U	0.46	U	0.46	U	NS	0.46	U
	13-Apr-12	NS		0.46	U	NS	0.46	U	NS	0.46	U	0.46
Chlorobenzene	2-Jul-12 (resample)	NS		NS	U	NS						
	23-Jun-12	0.46	U	NS	U	0.46	U	NS	0.46	U	0.46	U
	1-Nov-12	NS		0.092	U	NS	0.092	U	0.16	U	0.092	U
	1-Feb-13	0.092	U	NS	U	0.092	U	NS	0.092	U	0.092	U
	29-Apr-13	NS		0.12	U	NS	0.046	U	NS	0.046	U	0.046
	9-Jul-13	0.18		NS		0.14		0.15	NS	NS	0.092	U
	18-Oct-13	NS		0.092	U	NS	0.092	U	NS	0.092	U	0.092
	9-Jan-14	0.092	U	NS	U	0.092	U	NS	0.092	U	0.092	U
	24-Apr-14	NS		0.046	U	NS	0.046	U	NS	0.046	U	0.046
	1-Aug-14	0.092	U	NS	U	0.14	U	0.25	NS	NS	0.092	U
	27-Aug-14	NS		NS	U	NS	NS	0.092	U	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	U	NS	NS	NS	NS	0.14	U	NS
	22-Oct-14	NS		0.14	U	NS	0.14	U	0.14	U	0.14	U
	20-Jan-15	0.092	U	NS	U	0.092	U	NS	0.092	U	0.092	U
	30-Mar-15 (resample)	NS		NS	U	NS	NS	NS	NS	NS	0.10	U
	22-Apr-15	NS		0.094	U	NS	0.092	U	NS	0.092	U	0.11
	21-Jul-15	0.2	U	NS	U	0.9	U	5	U	NS	0.2	U
	23-Sept-15 resample	NS		NS	U	NS						
	29-Oct-15	NS		0.3	U	NS	0.3	U	NS	0.4	U	0.2
	4-Dec-15 resample	NS		0.2	U	NS						
	27-Jan-16	0.092	U	NS	U	0.092	U	NS	0.092	U	0.092	U
	20-Apr-16	NS		0.092	U	NS	0.092	U	NS	0.092	U	0.092
	20-Jul-16	0.46	U	NS	U	0.46	U	0.46	U	NS	0.46	U
	21-Oct-16	NS		0.092	U	NS	0.092	U	NS	0.092	U	0.092
	31-Jan-17	0.092	U	NS	U	0.092	U	NS	0.092	U	0.092	U
	17-Apr-17	NS		0.14	U	NS	0.14	U	0.14	U	0.14	U
	26-Jul-17	0.092	U	NS	U	0.092	U	NS	0.092	U	0.092	U
	12-Oct-17	NS		0.092	U	NS	0.092	U	NS	0.28	U	0.23
	10-Jan-18	0.092	U	NS	U	0.092	U	NS	0.092	U	0.092	U
	11-Apr-18	NS		0.092	U	NS	0.92	U	NS	0.92	U	0.92
	23-May-18	NS		NS	U	NS	NS	NS	NS	NS	0.14	U
	27-Jul-18	0.46	U	NS	U	0.46	U	0.46	U	NS	0.46	U

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.05	U	NS	NS	0.05	U	NS	NS	0.05	U	0.05
	27-Mar-08	NS		0.053	U	NS	0.053	U	NS	NS	U	0.053
	25-Apr-08	NS		NS	U	NS	NS	0.139	NS	0.053	U	0.053
	29-May-08	NS		NS	U	0.11	NS	NS	0.1	0.07	U	NS
	27-Jun-08	0.082	U	NS	U	0.132	NS	NS	NS	NS	U	0.053
	31-Jul-08	NS		0.053	U	NS	NS	0.153	NS	0.053	U	0.053
	28-Aug-08	NS		NS	U	NS	NS	NS	NS	0.053	U	NS
	30-Sep-08	NS		NS	U	1.3	U	NS	1.3	U	NS	1.3
	27-Oct-08	1.3	U	NS	U	NS	1.3	U	NS	1.3	U	1.6
	25-Nov-08	NS		1.3	U	NS	1.3	U	NS	1.3	U	NS
	18-Dec-08	NS		NS	U	NS	NS	1.3	U	1.3	U	1.3
	21-Jan-09	NS		NS	U	1.3	U	NS	1.3	U	NS	1.3
	25-Feb-09	1.3	U	NS	U	NS	1.3	U	NS	1.3	U	NS
	26-Mar-09	NS		0.264	U	NS	0.527	U	NS	NS	U	0.1212
	29-Apr-09	NS		NS	U	0.137	NS	0.063	NS	0.053	U	0.053
	22-Jul-09	0.264	U	NS	U	10.8	0.527	U	0.277	NS	U	0.061
	9-Oct-09	NS		0.053	U	NS	0.058	NS	0.406	11	U	0.053
	15-Jan-10	0.053	U	NS	U	0.074	0.066	NS	0.053	NS	U	0.053
	21-Apr-10	NS		0.074	NS	NS	0.264	NS	0.303	0.303	U	0.116
	16-Jul-10	0.1	NS	2.55	U	0.166	NS	0.398	U	NS	0.053	0.087
	15-Oct-10	NS		0.053	U	NS	0.082	NS	0.071	0.053	U	0.053
	26-Jan-11	0.527	U	0.053	U	0.077	NS	0.264	U	NS	U	0.264
	28-Feb-11	NS		NS	U	527	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS		0.053	U	NS	NS	0.079	NS	0.082	0.053	U
	26-Jul-11	0.176	U	NS	U	0.176	0.116	NS	0.264	U	NS	0.264
	28-Oct-11	NS		1.3	U	NS	1.3	U	NS	1.3	U	1.3
	23-Jan-12	0.26	U	NS	U	0.26	0.26	U	NS	0.26	U	0.26
	13-Apr-12	NS		0.26	U	NS	NS	0.26	U	0.26	U	0.26
Chloroethane	2-Jul-12 (resample)	NS		NS	U	NS	NS	NS	NS	NS	U	NS
	23-Jun-12	0.26	U	NS	U	0.26	U	NS	0.26	U	0.26	U
	1-Nov-12	NS		0.053	U	NS	0.085	NS	0.08	0.053	U	0.087
	1-Feb-13	0.082	NS	NS	U	0.11	NS	0.053	U	NS	U	NS
	29-Apr-13	NS		0.4	NS	NS	0.11	U	NS	0.11	U	0.11
	9-Jul-13	0.11	NS	NS	U	0.12	0.31	NS	0.091	NS	U	0.053
	18-Oct-13	NS		0.053	U	NS	NS	0.11	NS	0.091	U	0.053
	9-Jan-14	0.084	NS	NS	U	0.053	0.11	NS	0.053	NS	U	NS
	24-Apr-14	NS		0.026	U	NS	0.026	U	NS	0.13	U	0.026
	1-Aug-14	0.23	NS	NS	U	0.43	0.53	NS	NS	NS	U	NS
	27-Aug-14	NS		NS	U	NS	NS	0.072	NS	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	U	NS	NS	NS	NS	0.079	U	NS
	22-Oct-14	NS		NS	U	NS	0.079	U	0.35	0.079	U	0.11
	20-Jan-15	0.069 v	NS	0.094	U	0.062	NS	0.24 v	NS	0.079 v	U	0.053 v
	30-Mar-15 (resample)	NS		NS	U	NS	NS	NS	NS	NS	U	NS
	22-Apr-15	NS		0.20 v	NS	NS	0.19 v	N	0.16	0.077	U	0.72
	21-Jul-15	0.1	U	NS	U	0.5	3	U	NS	NS	U	0.1 o
	23-Sep-15 resample	NS		NS	U	NS	NS	NS	NS	0.1	U	NS
	29-Oct-15	NS		0.1	U	NS	0.1	U	NS	0.1	U	0.1
	4-Dec-15 resample	NS		0.1	U	NS	NS	U	NS	NS	U	NS
	27-Jan-16	0.1	NS	NS	U	0.11	0.12	NS	0.11	NS	U	0.053
	20-Apr-16	NS		0.14	NS	NS	0.053	U	NS	0.073	0.053	U
	20-Jul-16	0.26 LV	U	NS	U	0.26 LV	0.26 LV	U	0.77 LV	NS	U	0.26 LV
	21-Oct-16	NS		0.16	NS	NS	0.069	NS	0.088	0.053	U	0.053
	31-Jan-17	0.053	U	NS	U	0.14	0.053	U	0.053	NS	U	0.053
	17-Apr-17	NS		0.16	NS	NS	0.079	U	0.079	U	0.079	U
	26-Jul-17	0.053	U	NS	U	0.18	0.12	NS	0.053	NS	U	0.053 L
	12-Oct-17	NS		0.15	NS	NS	0.066	NS	0.16	U	0.13	U
	10-Jan-18	0.13	NS	NS	U	0.17	0.07	NS	0.36	NS	U	0.15
	11-Apr-18	NS		0.053	U	NS	0.53	U	0.53	0.53	U	NS
	23-May-18	NS		NS	U	NS	NS	NS	NS	NS	U	0.079
	27-Jul-18	0.26	U	NS	U	0.26	U	NS	0.26	U	0.26	U

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.1	U	NS	NS	NS	U	NS	0.12	0.12	0.12	NS
	27-Mar-08	NS	U	0.098	U	NS	NS	NS	NS	0.453	0.847	
	25-Apr-08	NS	U	NS	0.231	NS	NS	NS	0.134	NS	0.265	
	29-May-08	NS	U	NS	0.14	NS	NS	NS	0.11	0.14	NS	
	27-Jun-08	0.263	U	NS	NS	0.623	NS	NS	NS	0.305	0.395	
	31-Jul-08	NS	U	0.145	U	NS	NS	NS	0.13	NS	0.124	
	28-Aug-08	NS	U	NS	0.098	NS	NS	1.2	NS	0.386	NS	
	30-Sep-08	NS	U	NS	0.49	U	NS	NS	0.49	0.49	0.49	U
	27-Oct-08	0.49	U	NS	NS	0.49	U	NS	0.49	U	0.49	U
	25-Nov-08	NS	U	0.24	U	NS	NS	0.24	U	0.24	U	NS
	18-Dec-08	NS	U	NS	0.24	U	NS	0.24	U	0.24	U	0.24
	21-Jan-09	NS	U	NS	0.24	U	NS	NS	0.24	U	NS	0.24
	25-Feb-09	0.24	U	NS	NS	0.24	U	NS	NS	0.24	U	NS
	26-Mar-09	NS	U	0.488	U	NS	NS	1.29	NS	NS	0.265	0.2
	29-Apr-09	NS	U	NS	0.098	U	NS	0.136	NS	0.098	U	NS
	22-Jul-09	0.488	U	NS	19.9	U	0.976	U	NS	0.429	0.22	NS
	9-Oct-09	NS	U	0.205	NS	NS	0.263	NS	0.268	20.4	0.317	NS
	15-Jan-10	0.176	U	NS	7.22	U	0.146	NS	0.19	NS	0.098	U
	21-Apr-10	NS	U	0.098	U	NS	0.488	U	0.488	U	0.22	NS
	16-Jul-10	0.361	NS	NS	0.098	U	0.215	NS	0.737	U	NS	0.205
	15-Oct-10	NS	U	0.171	NS	NS	0.366	NS	0.654	0.117	0.102	NS
	26-Jan-11	2.78	U	0.122	NS	0.161	NS	0.488	U	NS	0.488	U
	28-Feb-11	NS	U	NS	0.976	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS	U	0.136	NS	NS	0.185	NS	0.117	0.273	0.098	U
	26-Jul-11	0.326	U	NS	0.326	U	0.239	NS	1.37	NS	0.244	0.488
	28-Oct-11	NS	U	2.4	U	NS	2.4	U	2.4	U	2.4	U
	23-Jan-12	0.49	U	NS	0.84	U	0.49	U	NS	0.49	U	0.84
	13-Apr-12	NS	U	0.24	U	NS	0.24	U	0.24	U	0.24	U
	2-Jul-12 (resample)	NS	U	NS	NS	NS	NS	NS	NS	NS	1.2	U
Chloroform	23-Jun-12	0.49	U	NS	0.49	U	0.49	U	NS	0.49	U	0.58
	1-Nov-12	NS	U	0.088	NS	NS	0.28	NS	0.12	0.076	0.092	NS
	1-Feb-13	0.14	NS	0.46	U	0.15	NS	0.19	NS	0.11	0.18	NS
	29-Apr-13	NS	U	0.15	NS	NS	0.19	NS	0.13	0.13	0.16	0.41
	9-Jul-13	0.34	NS	0.63	U	0.33	NS	0.27	NS	NS	0.24	0.27
	18-Oct-13	NS	U	0.098	NS	NS	0.29	NS	0.12	0.11	0.11	0.31
	9-Jan-14	0.12	NS	0.94	U	0.18	NS	0.27	NS	0.16	0.25	NS
	24-Apr-14	NS	U	0.049	NS	NS	0.21	NS	0.11	0.049	0.16	0.32
	1-Aug-14	1.0	NS	2.7/3.6	U	0.32	NS	NS	NS	NS	2.1	0.55
	27-Aug-14	NS	U	NS	NS	NS	0.19	NS	NS	NS	NS	NS
	12-Sept-14 (resample)	NS	U	NS	NS	NS	NS	NS	NS	0.12	NS	U
	22-Oct-14	NS	U	0.073	U	NS	0.24	0.15	0.16	0.073	0.073	NS
	20-Jan-15	0.049	U	NS	1.4	U	0.14	NS	0.29	NS	0.073	0.14
	30-Mar-15 (resample)	NS	U	NS	NS	NS	NS	NS	NS	NS	0.15	NS
	22-Apr-15	NS	U	0.17 ^v	NS	NS	0.21 ^v	NS	0.13	0.071	0.17	0.17
	21-Jul-15	0.130 ^j	U	NS	1	U	5	U	0.21 ^j	NS	0.14 ^{j,o}	0.17 ^{j,o}
	23-Sept-15 resample	NS	U	NS	NS	NS	NS	NS	NS	0.2	NS	NS
	29-Oct-15	NS	U	0.16 ^j	NS	NS	0.16 ^j	NS	0.4	U	0.2	0.28
	4-Dec-15 resample	NS	U	0.2	U	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	0.086	NS	1	U	0.13	NS	0.11	NS	NS	0.094	0.16
	20-Apr-16	NS	U	0.08	NS	NS	0.18	NS	0.1	0.096	0.1	0.13
	20-Jul-16	0.24	U	NS	0.69	U	0.38	NS	0.47	NS	0.35	0.44
	21-Oct-16	NS	U	0.13	NS	NS	0.27	NS	0.12	0.23	0.1	0.2
	31-Jan-17	0.078	NS	0.56	U	0.2	NS	0.13	NS	NS	0.094	0.41
	17-Apr-17	NS	U	0.11	NS	NS	0.20	NS	0.073	U	0.11	0.18
	26-Jul-17	0.13	NS	0.62	U	0.24	NS	0.13	NS	0.14	0.33	NS
	12-Oct-17	NS	U	0.18	NS	NS	0.28	NS	0.15	U	0.4	0.12
	10-Jan-18	0.1	NS	0.68	U	0.14	NS	0.18	NS	NS	0.12	0.3
	11-Apr-18	NS	U	0.14	NS	NS	0.98	U	0.98	U	0.13	0.98
	23-May-18	NS	U	NS	NS	NS	NS	NS	NS	U	0.073	U
	27-Jul-18	0.24	U	NS	0.24	U	0.24	U	0.24	U	3.2	U

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	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	2.44	U	NS	NS	NS	NS	NS	2.44	U	2.44	U
	27-Mar-08	NS		2.67		NS	NS	NS	3.24		2.44	U
	25-Apr-08	NS		NS	2.44	U	NS	NS	2.44	U	2.44	U
	29-May-08	NS		NS	NS	2.44	U	NS	NS	2.44	U	2.44
	27-Jun-08	3.8	U	NS	NS	NS	2.44	U	NS	NS	2.44	U
	31-Jul-08	NS		4.64		NS	NS	NS	NS	NS	2.44	U
	28-Aug-08	NS		NS	2.44	U	NS	NS	2.44	U	NS	2.44
	30-Sep-08	NS		NS	1	U	NS	NS	1	U	1	U
	27-Oct-08	I	U	NS	NS	NS	1	U	NS	NS	3.5	
	25-Nov-08	NS		1	U	NS	NS	1	U	1	U	NS
	18-Dec-08	NS		NS	1	U	NS	1	U	NS	I	U
	21-Jan-09	NS		NS	NS	1	U	NS	NS	3.1	1	U
	25-Feb-09	I		NS	NS	1	U	NS	NS	1	U	1.2
	26-Mar-09	NS		12.2	U	NS	NS	24.4	U	NS	NS	4.58
	29-Apr-09	NS		NS	22.4		NS	NS	19.4		NS	2.44
	22-Jul-09	18.5		NS	497	U	32	NS	41.9	NS	2.44	U
	9-Oct-09	NS		2.44	U	NS	NS	2.44	U	509	U	2.44
	15-Jan-10	2.44	U	NS	2.78	2.44	U	NS	2.44	NS	2.44	U
	21-Apr-10	NS		3.25		NS	12.2	U	NS	12.2	U	2.44
	16-Jul-10	1.32		NS	62.8		1.48	NS	7.79	U	NS	1.03
	15-Oct-10	NS		1.03	U	NS	1.03	U	1.03	U	1.03	U
	26-Jan-11	10.3	U	1.03		NS	1.03	U	5.16	U	5.16	U
	28-Feb-11	NS		NS	10.3	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS		1.23		NS	1.03	U	NS	1.03	U	1.29
	26-Jul-11	3.45	U	NS	3.45	U	1.03	U	5.16	U	NS	5.16
	28-Oct-11	NS		I	U	NS	1	U	NS	1	U	1.2
	23-Jan-12	0.21	U	NS	0.21	U	NS	0.21	U	NS	0.21	U
	13-Apr-12	NS		0.21	U	NS	NS	NS	NS	NS	NS	0.97
Chloromethane	2-Jul-12 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS
	23-Jun-12	0.21	U	NS	0.21	U	NS	2.1	NS	NS	0.21	U
	1-Nov-12	NS		0.041	U	NS	0.041	U	0.041	U	0.041	U
	1-Feb-13	0.5		NS	1.8		2.1	NS	0.19	NS	0.71	NS
	29-Apr-13	NS		0.21	U	NS	NS	0.083	U	0.083	U	0.73
	9-Jul-13	0.12	U	NS	0.083	U	0.083	U	0.083	U	0.10	U
	18-Oct-13	NS		0.083	U	NS	0.083	U	0.083	U	0.083	U
	9-Jan-14	3.2		NS	1.5	0.083	U	NS	0.053	U	NS	0.64
	24-Apr-14	NS		4.6		NS	NS	4.5	NS	3.5	1.2	0.47
	1-Aug-14	0.083	U	NS	0.12	U	0.12	U	NS	NS	0.083	U
	27-Aug-14	NS		NS	NS	NS	NS	1.7	NS	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	NS	NS	NS	NS	NS	0.12 L ^v	U	NS
	22-Oct-14	NS		1.3		NS	NS	0.12	U	0.12	U	1.1
	20-Jan-15	0.083 v	U	NS	3 v	0.083	U	NS	0.083 v	U	0.69 v	1.2 v
	30-Mar-15 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	0.093	U
	22-Apr-15	NS		0.085 v	U	NS	NS	0.083 v	U	0.083	U	0.72
	21-Jul-15	0.69		NS	6.9	2	U	NS	2.6	NS	0.11 o	U
	23-Sept-15 resample	NS		NS	NS	NS	NS	NS	NS	0.09	U	NS
	29-Oct-15	NS		11		NS	NS	6.5	NS	3.6	0.73	NS
	4-Dec-15 resample	NS		0.1	U	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	0.083	U	NS	3.9	0.083	U	NS	2.1	NS	1.4	1
	20-Apr-16	NS		7.7		NS	NS	<0.083	NS	2.4	1.1	NS
	20-Jul-16	0.41	U	NS	4.3	0.41	U	NS	5	NS	1.1	1.6
	21-Oct-16	NS		0.083	U	NS	0.083	U	NS	1.4	0.9	0.82
	31-Jan-17	0.083	U	NS	3.8	0.96	NS	1.4	NS	1.1	0.99	NS
	17-Apr-17	NS		0.12	U	NS	0.12	U	1.7	1.4	1.2	1.1
	26-Jul-17	0.083	U	NS	0.083	U	0.083	U	0.083	U	0.71	0.56
	12-Oct-17	NS		0.083	U	NS	0.083	U	NS	0.25	1.5	1.5
	10-Jan-18	5.3		NS	3.8	1.4	NS	NS	2.8	NS	0.99	NS
	11-Apr-18	NS		0.083	U	NS	0.83	U	NS	3.4	1.8	1.4
	23-May-18	NS		NS	NS	NS	NS	NS	NS	NS	NS	0.99
	27-Jul-18	4.5		NS	3.4	5.5	NS	NS	2.6	NS	<0.41	U
											2.8	NS

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	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
Dibromochloromethane	8-Feb-08	0.1	U	NS	NS	0.1	U	NS	0.1	U	0.1	U
	27-Mar-08	NS	0.096	U	NS	0.096	U	NS	NS	0.096	U	0.096
	25-Apr-08	NS	NS	U	NS	NS	U	NS	0.096	U	NS	0.096
	29-May-08	NS	NS	U	NS	0.1	U	NS	0.1	U	0.1	U
	27-Jun-08	0.15	U	NS	NS	0.096	U	NS	NS	0.096	U	0.096
	31-Jul-08	NS	0.096	U	NS	NS	U	NS	0.096	U	NS	0.096
	28-Aug-08	NS	NS	U	0.096	NS	U	NS	0.096	U	0.096	U
	30-Sep-08	NS	NS	U	NS	4.2	U	NS	4.2	U	4.2	U
	27-Oct-08	4.2	U	NS	NS	4.2	U	NS	NS	4.2	U	4.2
	25-Nov-08	NS	4.2	U	NS	NS	U	NS	NS	4.2	U	NS
	18-Dec-08	NS	NS	U	4.2	NS	U	NS	4.2	U	4.2	U
	21-Jan-09	NS	NS	U	NS	4.2	U	NS	4.2	U	4.2	U
	25-Feb-09	4.2	U	NS	NS	4.2	U	NS	NS	4.2	U	NS
	26-Mar-09	NS	0.48	U	NS	NS	U	0.96	NS	NS	0.96	U
	29-Apr-09	NS	NS	U	0.096	NS	U	NS	0.096	U	NS	0.096
	22-Jul-09	0.48	U	NS	19.6	U	0.96	U	NS	0.096	U	NS
	9-Oct-09	NS	0.096	U	NS	NS	U	NS	0.096	U	NS	0.096
	15-Jan-10	0.096	U	NS	0.096	U	0.096	U	NS	0.096	U	NS
	21-Apr-10	NS	0.096	U	NS	0.48	U	NS	0.48	U	0.096	U
	16-Jul-10	0.17	U	NS	0.17	U	0.17	U	1.28	U	NS	0.17
	15-Oct-10	NS	0.17	U	NS	0.17	U	NS	0.17	U	0.17	U
	26-Jan-11	1.7	U	0.17	U	NS	U	0.851	U	NS	0.851	U
	28-Feb-11	NS	NS	U	1.7	NS	U	NS	NS	NS	NS	NS
	27-Apr-11	NS	0.17	U	NS	0.17	U	NS	0.17	U	0.17	U
	26-Jul-11	0.568	U	NS	0.568	U	0.17	U	0.852	U	NS	0.852
	28-Oct-11	NS	4.3	U	NS	4.3	U	NS	4.3	U	4.3	U
	23-Jan-12	0.85	U	NS	0.85	U	0.85	U	0.85	U	0.85	U
	13-Apr-12	NS	0.85	U	NS	0.85	U	NS	0.85	U	0.85	U
	2-Jul-12 (resample)	NS	NS	U	NS	NS	U	NS	NS	NS	2.1	U
	23-Jun-12	0.85	U	NS	0.85	U	0.85	U	0.85	U	0.85	U
	1-Nov-12	NS	0.085	U	NS	0.085	U	0.085	U	0.085	U	0.085
	1-Feb-13	0.17	U	NS	0.17	U	0.17	U	NS	0.17	U	0.17
	29-Apr-13	NS	0.21	U	NS	0.085	U	NS	0.085	U	0.085	U
	9-Jul-13	0.26	U	NS	0.17	U	0.17	U	NS	0.17	U	0.17
	18-Oct-13	NS	0.17	U	NS	0.17	U	NS	0.17	U	0.17	U
	9-Jan-14	0.17	U	NS	0.17	U	0.17	U	NS	0.17	U	0.17
	24-Apr-14	NS	0.085	U	NS	0.085	U	NS	0.085	U	0.085	U
	1-Aug-14	0.17	U	NS	0.26	U	0.26	U	NS	0.17	U	NS
	27-Aug-14	NS	NS	U	NS	NS	U	0.085	U	NS	NS	NS
	12-Sept-14 (resample)	NS	NS	U	NS	NS	U	NS	0.13	U	NS	NS
	22-Oct-14	NS	0.13	U	NS	0.13	U	0.13	U	0.13	U	0.17
	20-Jan-15	0.085	U	NS	0.085	U	0.085	U	NS	0.13	U	0.085
	30-Mar-15 (resample)	NS	NS	U	NS	NS	U	NS	NS	NS	0.096	U
	22-Apr-15	NS	0.087	U	NS	0.085	U	NS	0.083	U	0.12	U
	21-Jul-15	0.4	U	NS	2	U	8	U	0.5	U	0.4	U
	23-Sept-15 resample	NS	NS	U	NS	NS	U	NS	0.7	U	0.4	U
	29-Oct-15	NS	0.5	U	NS	0.5	U	NS	0.4	U	0.4	U
	4-Dec-15 resample	NS	0.4	U	NS	NS	U	NS	NS	NS	NS	NS
	27-Jan-16	0.085	U	NS	0.085	U	0.085	U	NS	0.085	U	0.085
	20-Apr-16	NS	0.085	U	NS	0.085	U	NS	0.085	U	NS	0.085
	20-Jul-16	0.43	U	NS	0.43	U	0.43	U	NS	0.43	U	0.43
	21-Oct-16	NS	0.085	U	NS	0.085	U	NS	0.085	U	0.085	U
	31-Jan-17	0.085	U	NS	0.085	U	0.085	U	NS	0.085	U	0.085
	17-Apr-17	NS	0.13 ^v	U	NS	0.13 ^v	U	NS	0.13 ^v	U	0.13 ^v	U
	26-Jul-17	0.085	U	NS	0.085	U	0.085	U	NS	0.085	U	0.085
	12-Oct-17	NS	0.085	U	NS	0.085	U	NS	0.26	U	0.24	U
	10-Jan-18	0.085	U	NS	0.085	U	0.085	U	NS	0.085	U	0.085
	11-Apr-18	NS	0.17	U	NS	1.7	U	NS	1.7	U	1.7	U
	23-May-18	NS	NS	U	NS	NS	U	NS	NS	NS	0.13	U
	27-Jul-18	0.43	U	NS	0.43	U	0.43	U	NS	0.43	U	NS

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.15	U	NS	NS	0.15	U	NS	0.15	U	0.15	U
	27-Mar-08	NS		0.154	U	NS	0.154	U	NS	0.154	U	0.154
	25-Apr-08	NS		NS	0.154	U	NS	0.154	U	NS	0.154	U
	29-May-08	NS		NS	NS	0.15	U	NS	0.15	U	0.15	U
	27-Jun-08	0.239	U	NS	NS	0.154	U	NS	NS	0.154	U	0.154
	31-Jul-08	NS		0.154	U	NS	NS	NS	NS	0.154	U	0.154
	28-Aug-08	NS		NS	0.154	U	NS	NS	0.154	U	0.154	U
	30-Sep-08	NS		NS	NS	0.15	U	NS	0.15	U	0.15	U
	27-Oct-08	0.15	U	NS	NS	0.15	U	NS	0.15	U	0.15	U
	25-Nov-08	NS		0.15	U	NS	0.15	U	NS	0.15	U	NS
	18-Dec-08	NS		NS	0.15	U	NS	0.15	U	NS	0.15	U
	21-Jan-09	NS		NS	0.15	U	NS	NS	0.15	U	0.15	U
	25-Feb-09	0.15	U	NS	NS	0.15	U	NS	NS	0.15	U	NS
	26-Mar-09	NS		0.768	U	NS	NS	1.54	U	NS	0.154	U
	29-Apr-09	NS		NS	0.154	U	NS	NS	0.154	U	NS	0.154
	22-Jul-09	0.768	U	NS	31.3	U	1.54	U	0.768	U	NS	0.154
	9-Oct-09	NS		0.154	U	NS	NS	0.154	U	32	U	0.154
	15-Jan-10	0.154	U	NS	0.154	U	0.154	U	NS	0.154	U	0.154
	21-Apr-10	NS		0.154	U	NS	0.768	U	NS	0.768	U	0.154
	16-Jul-10	0.154	U	NS	0.154	U	NS	1.16	U	NS	0.154	U
	15-Oct-10	NS		0.154	U	NS	0.154	U	0.154	U	0.154	U
	26-Jan-11	1.54	U	0.154	U	NS	0.154	U	0.768	U	0.768	U
	28-Feb-11	NS		1.54	U	NS						
	27-Apr-11	NS		0.154	U	NS	0.154	U	NS	0.154	U	0.154
	26-Jul-11	0.512	U	NS	0.512	U	0.154	U	0.768	U	0.768	U
	28-Oct-11	NS		3.8	U	NS	3.8	U	3.8	U	3.8	U
	23-Jan-12	0.77	U	NS	0.77	U	0.77	U	NS	0.77	U	0.77
	13-Apr-12	NS		0.38	U	NS	0.38	U	0.38	U	0.38	U
1,2-Dibromoethane	2-Jul-12 (resample)	NS		NS	1.9	U						
	23-Jun-12	0.77	U	NS	0.77	U	0.77	U	NS	0.77	U	NS
	1-Nov-12	NS		0.077	U	NS	0.077	U	0.077	U	0.077	U
	1-Feb-13	0.077	U	NS	0.077	U	0.077	U	NS	0.077	U	0.077
	29-Apr-13	NS		0.19	U	NS	0.077	U	0.077	U	0.077	U
	9-Jul-13	0.12	U	NS	0.077	U	0.077	U	NS	0.077	U	0.077
	18-Oct-13	NS		0.15	U	NS	0.15	U	0.15	U	0.15	U
	9-Jan-14	0.15	U	NS	0.15	U	0.15	U	NS	0.15	U	0.15
	24-Apr-14	NS		0.077	U	NS	0.077	U	0.077	U	0.077	U
	1-Aug-14	0.15	U	NS	0.23	U	0.23	U	NS	0.15	U	0.15
	27-Aug-14	NS		NS	NS	NS	NS	0.077	U	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	NS	NS	NS	NS	NS	0.12	U	NS
	22-Oct-14	NS		0.12	U	NS	0.12	U	0.12	U	0.12	U
	20-Jan-15	0.077	U	NS	0.077	U	0.077	U	NS	0.12	U	0.077
	30-Mar-15 (resample)	NS		NS	0.086	U						
	22-Apr-15	NS		0.079	U	NS	0.077	U	0.077	U	0.11	U
	21-Jul-15	0.4	U	NS	2	U	8	U	0.4	U	0.4°	U
	23-Sept-15 resample	NS		NS	NS	NS	NS	NS	0.4	U	NS	NS
	29-Oct-15	NS		0.4	U	NS	0.4	U	NS	0.4	U	0.4
	4-Dec-15 resample	NS		0.4	U	NS	0.4	U	NS	0.4	U	NS
	27-Jan-16	0.077	U	NS	0.077	U	0.077	U	NS	0.077	U	0.077
	20-Apr-16	NS		0.077	U	NS	0.077	U	0.077	U	0.077	U
	20-Jul-16	0.38	U	NS	0.38	U	0.38	U	NS	0.38	U	NS
	21-Oct-16	NS		0.077	U	NS	0.077	U	0.077	U	0.077	U
	31-Jan-17	0.077	U	NS	0.077	U	0.077	U	NS	0.077	U	NS
	17-Apr-17	NS		0.12	U	NS	0.12	U	0.12	U	0.12	U
	26-Jul-17	0.077	U	NS	0.077	U	0.077	U	NS	0.077	U	NS
	12-Oct-17	NS		0.077	U	NS	0.077	U	0.23	U	0.19	U
	10-Jan-18	0.077	U	NS	0.077	U	0.077	U	NS	0.077	U	0.077
	11-Apr-18	NS		0.15	U	NS	1.5	U	NS	1.5	U	1.5
	23-May-18	NS		NS	0.12	U						
	27-Jul-18	0.38	U	NS	0.38	U	0.38	U	NS	0.38	U	NS

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.12	U	NS	NS	0.12	U	NS	0.12	U	0.55	NS
	27-Mar-08	NS		0.12	U	NS	0.12	U	NS	0.12	U	0.12
	25-Apr-08	NS		NS	U	NS	NS	0.12	U	NS	0.12	U
	29-May-08	NS		NS	U	0.12	U	NS	0.12	U	0.12	U
	27-Jun-08	0.187	U	NS	NS	0.12	U	NS	NS	0.12	U	0.12
	31-Jul-08	NS		0.12	U	NS	NS	NS	0.12	U	NS	0.12
	28-Aug-08	NS		NS	U	NS	NS	0.12	U	0.12	U	NS
	30-Sep-08	NS		NS	U	3	U	NS	NS	3	U	3
	27-Oct-08	3	U	NS	NS	3	U	NS	NS	3	U	3
	25-Nov-08	NS		3	U	NS	3	U	NS	3	U	NS
	18-Dec-08	NS		NS	U	NS	NS	3	U	NS	3	U
	21-Jan-09	NS		NS	U	3	U	NS	NS	3	U	3
	25-Feb-09	3	U	NS	NS	3	U	NS	NS	3	U	NS
	26-Mar-09	NS		0.601	U	NS	NS	1.2	U	NS	0.12	U
	29-Apr-09	NS		NS	U	0.12	U	NS	0.12	U	NS	0.12
	22-Jul-09	0.601	U	NS	24	U	1.2	U	NS	0.12	U	0.12
	9-Oct-09	NS		0.12	U	NS	0.12	U	NS	0.12	U	NS
	15-Jan-10	0.12	U	NS	0.12	U	0.12	U	NS	0.12	U	0.12
	21-Apr-10	NS		0.12	U	NS	0.601	U	NS	0.601	U	0.12
	16-Jul-10	0.12	U	NS	0.12	U	0.12	U	0.907	U	NS	0.12
	15-Oct-10	NS		0.12	U	NS	0.12	U	NS	0.12	U	0.12
	26-Jan-11	1.2	U	0.12	U	NS	0.12	U	0.601	U	0.601	U
	28-Feb-11	NS		NS	U	1.2	U	NS	NS	NS	NS	NS
	27-Apr-11	NS		0.12	U	NS	0.12	U	NS	0.12	U	0.12
	26-Jul-11	0.401	U	NS	0.401	U	0.12	U	0.601	U	NS	0.601
	28-Oct-11	NS		3	U	NS	3	U	NS	3	U	3
	23-Jan-12	0.6	U	NS	U	0.6	U	0.1	U	0.6	U	7.5
	13-Apr-12	NS		0.6	U	NS	NS	0.6	U	0.6	U	0.6
	2-Jul-12 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	U	NS
	23-Jun-12	0.6	U	NS	0.6	U	0.6	U	NS	0.6	U	NS
	1-Nov-12	NS		0.12	U	NS	0.12	U	NS	0.12	U	0.12
	1-Feb-13	0.12	U	NS	0.12	U	0.12	U	NS	0.12	U	NS
	29-Apr-13	NS		0.3	U	NS	0.12	U	NS	0.12	U	0.12
	9-Jul-13	0.18	U	NS	0.12	U	0.12	U	NS	0.12	U	NS
	18-Oct-13	NS		0.12	U	NS	0.12	U	NS	0.12	U	0.12
	9-Jan-14	0.12	U	NS	0.12	U	0.12	U	NS	0.12	U	NS
	24-Apr-14	NS		0.12	U	NS	0.12	U	NS	0.12	U	0.18
	1-Aug-14	0.12	U	NS	0.18	U	0.69	U	NS	0.12	U	NS
	27-Aug-14	NS		NS	NS	NS	NS	0.12	U	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	NS	NS	NS	NS	NS	0.18	U	NS
	22-Oct-14	NS		0.18	U	NS	0.18	U	0.18	U	0.18	U
	20-Jan-15	0.12	U	NS	0.12	U	0.12	U	0.12	U	0.12	U
	30-Mar-15 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	0.14	U
	22-Apr-15	NS		0.12	U	NS	0.12	U	0.12	U	0.12	U
	21-Jul-15	0.3	U	NS	0.900 ^j	6	U	NS	0.3	U	NS	0.84 ^o
	23-Sept-15 resample	NS		NS	NS	NS	NS	NS	NS	0.3	U	NS
	29-Oct-15	NS		0.3	U	NS	4	NS	0.5	U	0.3	U
	4-Dec-15 resample	NS		0.3	U	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	0.12	U	NS	0.12	U	0.12	U	NS	0.12	U	0.12
	20-Apr-16	NS		0.12	U	NS	0.12	U	NS	0.12	U	0.12
	20-Jul-16	0.60	U	NS	0.60	U	0.60	U	NS	0.60	U	NS
	21-Oct-16	NS		0.12	U	NS	0.12	U	NS	0.12	U	0.12
	31-Jan-17	0.12	U	NS	0.12	U	0.12	U	NS	0.12	U	NS
	17-Apr-17	NS		0.18	U	NS	0.18	U	0.18	U	0.18	U
	26-Jul-17	0.12	U	NS	0.12	U	0.12	U	NS	0.12	U	NS
	12-Oct-17	NS		0.12	U	NS	0.12	U	0.36	U	0.34	U
	10-Jan-18	0.12	U	NS	0.12	U	0.12	U	NS	0.12	U	0.3
	11-Apr-18	NS		0.12	U	NS	1.2	U	NS	1.2	U	1.2
	23-May-18	NS		NS	NS	NS	NS	NS	NS	NS	U	NS
	27-Jul-18	0.60	U	NS	0.60	U	0.60	U	NS	0.60	U	NS

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.12	U	NS	NS	0.12	U	NS	0.12	U	0.12	U
	27-Mar-08	NS		0.12	U	0.6		NS	NS	0.12	U	0.12
	25-Apr-08	NS		NS	0.12	U	NS	NS	0.12	U	NS	0.12
	29-May-08	NS		NS	NS	1.18		NS	NS	0.62	0.22	NS
	27-Jun-08	0.187	U	NS	NS	0.257		NS	NS	0.12	U	0.12
	31-Jul-08	NS		0.822		NS		NS	NS	0.136	NS	0.12
	28-Aug-08	NS		NS	0.12	U	NS	NS	0.12	U	NS	NS
	30-Sep-08	NS		NS	NS	3	U	NS	NS	3	U	3
	27-Oct-08	3	U	NS	NS	NS	U	NS	NS	3	U	3
	25-Nov-08	NS		3	U	NS		NS	NS	3	U	NS
	18-Dec-08	NS		NS	3	U	NS	NS	NS	3	U	3
	21-Jan-09	NS		NS	NS	3	U	NS	NS	3	U	3
	25-Feb-09	3	U	NS	NS	3	U	NS	NS	3	U	NS
	26-Mar-09	NS		0.601	U	NS		NS	NS	NS	0.12	U
	29-Apr-09	NS		NS	0.12	U	NS	NS	0.12	U	NS	0.12
	22-Jul-09	0.601	U	NS	24.5	U	1.2	U	0.601	U	NS	0.36
	9-Oct-09	NS		0.12	U	NS		0.12	U	25.1	U	0.12
	15-Jan-10	0.12		NS	0.12	U	NS	0.12	U	NS	0.12	U
	21-Apr-10	NS		0.12	U	NS		0.601	U	0.601	U	0.12
	16-Jul-10	0.595		NS	0.685		1.99	NS	0.907	U	NS	0.132
	15-Oct-10	NS		0.12	U	NS		0.12	U	0.12	U	0.12
	26-Jan-11	1.2	U	0.12	U	NS		0.12	U	0.12	U	NS
	28-Feb-11	NS		NS	1.2	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS		0.12	U	NS		0.42	NS	0.156	0.12	U
	26-Jul-11	0.401	U	NS	0.401	U	0.12	U	0.601	U	NS	0.601
	28-Oct-11	NS		3	U	NS		3	U	3	U	3
	23-Jan-12	1.6		NS	1.8		2.3	NS	1.6	NS	2.7	NS
	13-Apr-12	NS		0.6	U	NS		0.6	U	2	U	0.6
1,3-Dichlorobenzene	2-Jul-12 (resample)	NS		NS	NS	NS		NS	NS	NS	NS	NS
	23-Jun-12	0.6	U	NS	0.6	U	0.6	U	NS	0.6	U	NS
	1-Nov-12	NS		1.2		NS	2.6		6	2.2	0.18	NS
	1-Feb-13	0.18		NS	0.34		0.56	NS	0.44	NS	0.17	0.12
	29-Apr-13	NS		1.3		NS	4.5	NS	6.5	6	0.12	NS
	9-Jul-13	1.3		NS	2.0		3.9	NS	3.8	NS	0.12	0.14
	18-Oct-13	NS		0.52		NS	1.4	NS	2.6	2.2	0.16	NS
	9-Jan-14	0.58		NS	0.9		1.1	NS	0.84	NS	3.0	4.1
	24-Apr-14	NS		0.12	U	NS		0.14	NS	0.12	U	0.12
	1-Aug-14	4.2		NS	4.8/6.7		4.9/7.6	NS	NS	NS	3.6	5.1/6.2
	27-Aug-14	NS		NS	NS		NS	NS	NS	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	NS		NS	NS	NS	0.82	NS	NS
	22-Oct-14	NS		0.18	U	NS		0.18	U	0.18	U	0.24
	20-Jan-15	0.12	U	NS	0.120	U	0.12	U	0.12	NS	0.2	0.12
30-Mar-15 (resample)	NS		NS	NS	NS		NS	NS	NS	NS	0.14	NS
	22-Apr-15	NS		0.13		NS	0.36	NS	1.5	0.78/0.87	0.12	NS
	21-Jul-15	0.3	U	NS	1	U	6	U	0.30 ^j	NS	0.3 ^o	0.3 ^o
23-Sept-15 resample	NS		NS	NS	NS		NS	NS	NS	0.3	NS	NS
	29-Oct-15	NS		0.3	U	NS	0.3	U	NS	0.3	U	0.3
4-Dec-15 resample	NS		0.3	U	NS		NS	NS	NS	NS	NS	NS
	27-Jan-16	0.12	U	NS	0.12	U	0.22 ^M	NS	0.12	U	NS	0.21 ^M
	20-Apr-16	NS		0.31		NS	0.51	NS	0.9	0.24	0.22	0.21
	20-Jul-16	0.60	U	NS	1.3		0.60	U	NS	NS	0.60	0.60
	21-Oct-16	NS		0.12	U	NS	0.12	U	NS	0.12	U	0.12
	31-Jan-17	0.12	U	NS	0.13		0.13	NS	0.12	NS	0.41	0.5
	17-Apr-17	NS		0.92		NS	0.79	NS	1.3	1.8	0.18	0.18
	26-Jul-17	0.2		NS	0.12	U	2.3	NS	3.5	NS	0.12	NS
	12-Oct-17	NS		2.2		NS	0.73	NS	4.2	4.5	0.34	1
	10-Jan-18	0.12	U	NS	0.19		0.28	NS	0.12	NS	0.37	0.69
	11-Apr-18	NS		0.12	U	NS	1.2	U	NS	1.2	0.58	1.2
	23-May-18	NS		NS	NS		NS	NS	NS	NS	3.2	NS
	27-Jul-18	3.4		NS	6.4		4.4	NS	4.1	NS	1.1	NS

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	Sample Date	Qual	Qual									
1,4-Dichlorobenzene	8-Feb-08	1.56	NS	NS	NS	0.26	NS	NS	9.5	7.91	NS	
	27-Mar-08	NS	4.33	NS	NS	8.48	NS	NS	NS	6.28	15.1	
	25-Apr-08	NS	NS	0.347	NS	NS	32.3	NS	17.9	NS	16.3	
	29-May-08	NS	NS	NS	5.5	NS	NS	10	9.41	4.18	NS	
	27-Jun-08	47.3	NS	NS	NS	38.1	NS	NS	NS	40.8	57.9	
	31-Jul-08	NS	2.46	NS	NS	NS	NS	NS	1.84	NS	2.04	
	28-Aug-08	NS	NS	234	NS	NS	214	NS	229	208	NS	
	30-Sep-08	NS	NS	NS	7.2	NS	NS	3	U	NS	6.8	5.6
	27-Oct-08	3	U	NS	NS	3	U	NS	3	U	NS	3
	25-Nov-08	NS	3	U	NS	NS	3	U	NS	3	U	NS
	18-Dec-08	NS	NS	3	U	NS	4.7	NS	NS	10.3	U	17.1
	21-Jan-09	NS	NS	NS	3	U	NS	NS	3	U	NS	27.2
	25-Feb-09	3	U	NS	NS	3	U	NS	3	U	3	U
	26-Mar-09	NS	5.43	NS	*	NS	4.87	NS	NS	NS	20.6	33
	29-Apr-09	NS	NS	1.2	NS	NS	1.91	NS	4.12	NS	4.25	
	22-Jul-09	0.601	U	NS	24.5	U	1.2	U	0.601	NS	0.613	NS
	9-Oct-09	NS	3.31	NS	NS	3.44	NS	2.79	25.1	U	6.95	3.82
	15-Jan-10	0.12	NS	1.06	0.715	NS	0.823	NS	2	1.98	NS	
	21-Apr-10	NS	0.12	U	NS	0.601	U	NS	0.601	U	3.27	2.84
	16-Jul-10	1.78	NS	2.3	2.86	NS	1.36	NS	NS	1.63	5.05	NS
	15-Oct-10	NS	0.685	NS	NS	1.75	NS	1.37	1.48	1.8	NS	2.47
	26-Jan-11	1.2	U	0.12	U	0.12	U	0.601	U	0.601	0.601	U
	28-Feb-11	NS	NS	1.2	U	NS	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS	0.985	NS	NS	1.08	NS	0.967	1.14	1.07	NS	1.24
	26-Jul-11	5.45	NS	5.21	0.715	NS	5.26	NS	NS	5.54	4.69	NS
	28-Oct-11	NS	3	U	NS	3	U	NS	3	U	3	U
	23-Jan-12	0.6	U	NS	0.6	U	0.6	U	NS	0.6	0.66	NS
	13-Apr-12	NS	0.6	U	NS	0.6	U	0.6	U	0.6	0.6	U
	2-Jul-12 (resample)	NS	3	U								
	23-Jun-12	0.6	U	NS	0.6	U	0.6	U	NS	0.6	U	NS
	1-Nov-12	NS	0.12	U	NS	0.12	U	NS	0.12	U	0.12	U
	1-Feb-13	0.12	U	NS	0.12	U	0.4	NS	0.12	U	0.12	U
	29-Apr-13	NS	0.3	U	NS	NS	0.12	U	0.12	U	0.12	U
	9-Jul-13	0.18	U	NS	0.14	0.16	NS	0.18	NS	0.18	0.22	NS
	18-Oct-13	NS	0.12	U	NS	0.12	U	NS	0.12	U	0.12	U
	9-Jan-14	0.12	U	NS	0.12	U	0.12	U	NS	0.14	0.12	U
	24-Apr-14	NS	0.12	U	NS	0.12	U	NS	0.12	U	0.12	U
	1-Aug-14	0.12	U	NS	0.18	U	0.18	U	NS	0.12	0.12	U
	27-Aug-14	NS	NS	NS	NS	NS	0.12	U	NS	NS	NS	
	12-Sept-14 (resample)	NS	0.18	U	NS	NS						
	22-Oct-14	NS	0.18	U	NS	0.18	U	0.18	U	0.18	0.24	U
	20-Jan-15	0.12	U	NS	0.120	U	0.12	U	NS	0.18	0.13	NS
	30-Mar-15 (resample)	NS	0.14	U								
	22-Apr-15	NS	0.12	U	NS	0.12	U	NS	0.12	U	0.12	U
	21-Jul-15	0.3	U	NS	1	U	6	U	NS	0.3°	0.3°	U
	23-Sept-15 resample	NS	0.3	U	NS	NS						
	29-Oct-15	NS	0.3	U	NS	0.3	U	NS	0.3	U	0.3	U
	4-Dec-15 resample	NS	0.3	U	NS	NS						
	27-Jan-16	0.12	U	NS	0.12	U	0.12	U	NS	0.12	0.13	NS
	20-Apr-16	NS	0.12	U	NS	0.52	NS	0.12	U	0.12	U	0.12
	20-Jul-16	0.60	U	NS	0.60	U	0.60	U	NS	0.60	0.60	U
	21-Oct-16	NS	0.12	U	NS	0.12	U	NS	0.12	U	0.12	U
	31-Jan-17	0.12	U	NS	0.12	U	0.12	U	NS	0.12	0.12	U
	17-Apr-17	NS	0.18	U	NS	0.18	U	0.18	U	0.18	0.18	U
	26-Jul-17	0.12	U	NS	1.8	0.12	U	NS	0.12	U	0.12	U
	12-Oct-17	NS	0.12	U	NS	0.12	U	NS	0.36	U	0.34	U
	10-Jan-18	0.12	U	NS	0.12	U	0.12	U	NS	0.12	NS	0.12
	11-Apr-18	NS	0.12	U	NS	1.2	U	NS	1.2	U	NS	1.2
	23-May-18	NS	0.18	U								
	27-Jul-18	0.60	U	NS	0.60	U	0.60	U	NS	0.60	0.60	U

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
Dichlorodifluoromethane	8-Feb-08	2	NS	NS	NS	2.03	NS	NS	1.92	2	NS
	27-Mar-08	NS	2.29	NS	NS	2.15	NS	NS	2.72	4.14	
	25-Apr-08	NS	NS	2.01	NS	NS	2.11	NS	2.04	NS	2.16
	29-May-08	NS	NS	NS	1.63	NS	NS	1.62	1.66	NS	NS
	27-Jun-08	2.03	NS	NS	NS	2.52	NS	NS	2.27	2.48	
	31-Jul-08	NS	1.9	NS	NS	NS	NS	NS	1.81	NS	1.87
	28-Aug-08	NS	NS	3.13	NS	NS	2.8	NS	2.75	2.88	NS
	30-Sep-08	NS	NS	NS	2.5	U	NS	NS	NS	2.5	U
	27-Oct-08	2.5	U	NS	NS	2.5	U	NS	2.5	U	2.7
	25-Nov-08	NS	215	NS	NS	11.7	NS	NS	2.5	U	2.5
	18-Dec-08	NS	NS	25	NS	NS	2.5	U	NS	2.5	U
	21-Jan-09	NS	NS	2.5	U	NS	NS	5.8	2.5	U	2.5
	25-Feb-09	2.5	U	NS	NS	19.4	NS	NS	2.5	U	NS
	26-Mar-09	NS	2.55	NS	NS	2.48	NS	NS	2.46	NS	2.41
	29-Apr-09	NS	NS	2.41	NS	NS	3.78	NS	2.26	NS	2.4
	22-Jul-09	2.42	NS	2.42	2.72	NS	2.5	NS	2.37	2.48	NS
	9-Oct-09	NS	2.73	NS	NS	2.77	NS	3.67	51.6	2.64	NS
	15-Jan-10	2.5	NS	3.57	2.52	NS	2.61	NS	2.29	2.25	NS
	21-Apr-10	NS	0.568	NS	NS	2.2	NS	2.59	2.2	2.64	NS
	16-Jul-10	3.36	NS	2.61	2.55	NS	2.98	NS	3.15	3.29	NS
	15-Oct-10	NS	3.13	NS	2.67	NS	2.43	2.41	2.46	NS	2.43
	26-Jan-11	2.47	U	2.2	NS	2.64	NS	1.98	2.57	3.31	3.24
	28-Feb-11	NS	NS	2.47	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS	2.18	NS	NS	2.27	NS	2.26	2.5	2.32	NS
	26-Jul-11	2.41	NS	2.29	2.28	NS	2.08	NS	2.44	2.3	NS
	28-Oct-11	NS	2.7	NS	NS	2.7	NS	2.7	2.7	2.9	NS
	23-Jan-12	2.5	NS	2.6	NS	2.6	NS	NS	2.6	2.6	NS
	13-Apr-12	NS	2.5	NS	NS	2.9	NS	2.4	3.2	2.5	NS
	2-Jul-12 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.8
	23-Jun-12	2.6	NS	2.3	2.5	NS	2.3	NS	2.3	2.3	NS
	1-Nov-12	NS	1.8	NS	NS	1.8	NS	2	1.9	2	NS
	1-Feb-13	1.4	NS	1.4	1.5	NS	1.6	NS	1.6	1.6	NS
	29-Apr-13	NS	2.6	NS	NS	2.3	NS	2.2	2.2	2.3	NS
	9-Jul-13	1	NS	1.1	0.99	NS	1.1	NS	1.0	1.1	NS
	18-Oct-13	NS	2.0	NS	NS	1.9	NS	1.9	2.2	2.0	NS
	9-Jan-14	1.5	NS	1.2	1.3	NS	1.4	NS	1.5	1.5	NS
	24-Apr-14	NS	2.7	NS	NS	2.6	NS	2.3	2.6	2.6	3.1
	1-Aug-14	1.1	NS	2.2/1.5	2.3/1.6	NS	NS	NS	1.6	2.2/1.6	NS
	27-Aug-14	NS	NS	NS	NS	2.9/3.3	NS	NS	NS	NS	NS
	12-Sept-14 (resample)	NS	NS	NS	NS	NS	NS	NS	2.3	NS	U
	22-Oct-14	NS	1.3	NS	NS	1.4	1.4	1.4	1.6	1.4	NS
	20-Jan-15	0.099	U	NS	1.5	1.4	NS	1.4	1.4	1.5	NS
	30-Mar-15 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	1.4	NS
	22-Apr-15	NS	4.0 ^v	NS	NS	4.1 ^v	NS	1.8	1.7/2.0	1.8	2.0
	21-Jul-15	0.88	NS	1.6	5	U	NS	0.91	NS	0.74 ^o	0.72 ^o
	23-Sept-15 resample	NS	NS	NS	NS	NS	NS	0.93	NS	NS	NS
	29-Oct-15	NS	1	NS	NS	0.89	NS	0.88	0.89	0.83	0.84
	4-Dec-15 resample	NS	0.91	NS	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	2 ^M	NS	2 ^M	2 ^M	NS	2.1 ^M	NS	NS	2.2 ^M	2.1 ^M
	20-Apr-16	NS	1.5	NS	NS	1.6	NS	1.5	1.7	1.6	1.7
	20-Jul-16	1.4	NS	1.6	1.6	NS	1.6	NS	1.5	1.5	NS
	21-Oct-16	NS	0.55	NS	NS	0.55	NS	0.58	0.56	0.51	0.51
	31-Jan-17	0.75	NS	0.79	0.8	NS	0.75	NS	0.78	0.86	NS
	17-Apr-17	NS	0.84	NS	NS	0.89	NS	0.91	0.96	0.86	0.93
	26-Jul-17	1.8	NS	1.8	1.8	NS	1.7	NS	1.8	1.8	NS
	12-Oct-17	NS	0.82	NS	NS	0.73	NS	1.3	1.2	1.4	1.2
	10-Jan-18	0.66	NS	0.67	0.65	NS	0.63	NS	0.63	NS	0.63
	11-Apr-18	NS	1.2	NS	NS	2.8	NS	2.7	2.7	1.1	2.7
	23-May-18	NS	NS	NS	NS	NS	NS	NS	NS	1.6	NS
	27-Jul-18	1.6	NS	1.7	1.6	NS	1.5	NS	1.4	1.6	NS

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.08	U	NS	NS	0.08	U	NS	0.08	U	0.08	U
	27-Mar-08	NS		0.081	U	NS	0.081	U	NS	NS	0.081	U
	25-Apr-08	NS		NS	U	NS	NS	U	NS	0.081	U	0.081
	29-May-08	NS		NS	U	0.08	U	NS	0.08	U	0.08	U
	27-Jun-08	0.126	U	NS	NS	0.081	U	NS	NS	NS	0.081	U
	31-Jul-08	NS		0.081	U	NS	NS	NS	NS	NS	0.081	U
	28-Aug-08	NS		NS	U	0.081	U	NS	0.081	U	0.081	U
	27-Oct-08	NS		NS	U	2	U	NS	2	U	2	U
	27-Oct-08	2	U	NS	NS	2	U	NS	2	U	2	U
	25-Nov-08	NS		2	U	NS	2	U	NS	2	U	NS
	18-Dec-08	NS		NS	U	NS	NS	U	NS	2	U	2
	21-Jan-09	NS		NS	U	2	U	NS	2	U	NS	2
	25-Feb-09	2	U	NS	NS	2	U	NS	2	U	2	U
	26-Mar-09	NS		0.404	U	NS	NS	U	NS	NS	0.081	U
	29-Apr-09	NS		NS	U	0.19	U	NS	0.121	NS	0.081	U
	22-Jul-09	0.404	U	NS	16.5	U	0.801	U	NS	0.081	U	NS
	9-Oct-09	NS		0.081	U	NS	0.081	U	16.9	U	0.081	U
	15-Jan-10	0.137	U	NS	0.081	U	0.801	U	NS	0.081	U	0.081
	21-Apr-10	NS		0.081	U	NS	0.404	U	NS	0.404	U	0.081
	16-Jul-10	0.081	U	NS	2.48	0.081	U	NS	0.611	U	0.081	U
	15-Oct-10	NS		0.081	U	NS	0.081	U	0.081	U	0.081	U
	26-Jan-11	0.809	U	0.081	U	NS	0.081	U	7.37	U	0.404	U
	28-Feb-11	NS		NS	U	0.809	U	NS	NS	NS	NS	NS
	27-Apr-11	NS		0.081	U	NS	0.081	U	NS	0.081	U	0.081
	26-Jul-11	0.27	U	NS	0.27	U	0.081	U	0.405	U	0.405	U
	28-Oct-11	NS		2	U	NS	2	U	2	U	2	U
	23-Jan-12	0.4	U	NS	0.4	U	0.4	U	0.4	U	0.4	U
	13-Apr-12	NS		0.2	U	NS	0.2	U	0.2	U	0.2	U
1,1-Dichloroethane	2-Jul-12 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	1	U
	23-Jun-12	0.4	U	NS	0.4	U	0.4	U	NS	0.4	U	NS
	1-Nov-12	NS		0.04	U	NS	0.04	U	0.04	U	0.04	U
	1-Feb-13	0.04	U	NS	0.04	U	0.04	U	NS	0.040	U	0.040
	29-Apr-13	NS		0.2	U	NS	0.081	U	NS	0.081	U	0.081
	9-Jul-13	0.061	U	NS	0.040	U	0.040	U	NS	0.040	U	0.040
	18-Oct-13	NS		0.081	U	NS	0.081	U	NS	0.081	U	0.081
	9-Jan-14	0.081	U	NS	0.081	U	0.081	U	NS	0.081	U	NS
	24-Apr-14	NS		0.04	U	NS	0.04	U	NS	0.04	U	0.040
	1-Aug-14	0.081	U	NS	0.280	0.120	U	NS	NS	0.081	U	0.081
	27-Aug-14	NS		NS	NS	NS	0.040	U	NS	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	NS	NS	NS	NS	NS	0.061	U	NS
	22-Oct-14	NS		0.061	U	NS	0.061	U	0.061	U	0.061	U
	20-Jan-15	0.04	U	NS	0.040	U	0.040	U	NS	0.061	U	0.040
30-Mar-15 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	NS	0.046	U
	22-Apr-15	NS		0.041 ^v	U	NS	0.04 ^v	U	NS	0.04	U	0.040
	21-Jul-15	0.2	U	NS	0.8	U	4	U	NS	0.2	U	0.200 ^o
23-Sept-15 resample	NS		NS	NS	NS	NS	NS	NS	NS	0.2	U	NS
	29-Oct-15	NS		0.2	U	NS	0.2	U	NS	0.2	U	0.2
4-Dec-15 resample	NS		0.2	U	NS	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	0.04	U	NS	0.044	0.04	U	NS	0.04	U	0.04	U
	20-Apr-16	NS		0.040	U	NS	0.040	U	NS	0.040	U	0.040
	20-Jul-16	0.20	U	NS	0.37	0.20	U	NS	0.51	NS	0.20	U
	21-Oct-16	NS		0.04	U	NS	0.04	U	NS	0.04	U	0.24
	31-Jan-17	0.04	U	NS	0.04	U	0.04	U	NS	0.04	U	NS
	17-Apr-17	NS		0.061	U	NS	0.061	U	NS	0.061	U	0.061
	26-Jul-17	0.04	U	NS	0.2	0.04	U	NS	0.04	U	0.04	U
	12-Oct-17	NS		0.04	U	NS	0.04	U	NS	0.12	U	0.1
	10-Jan-18	0.04	U	NS	0.04	U	0.04	U	NS	0.11	U	0.1
	11-Apr-18	NS		0.081	U	NS	0.81	U	NS	0.81	U	0.81
	23-May-18	NS		NS	NS	NS	NS	NS	NS	NS	0.061	U
	27-Jul-18	0.20	U	NS	0.20	U	0.20	U	0.20	U	0.20	U

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3		
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
1,2-Dichloroethane	8-Feb-08	0.08	U	NS	NS	0.08	U	NS	NS	0.09	0.08	U	NS
	27-Mar-08	NS		0.081	U	NS		0.143	NS	NS	0.081	U	0.1
	25-Apr-08	NS		NS	U	NS		NS	0.081	U	NS	0.089	
	29-May-08	NS		NS		0.09		NS	0.11	0.08	U	0.08	U
	27-Jun-08	0.126	U	NS		0.153		NS	NS	NS	0.11	0.11	0.081
	31-Jul-08	NS		0.081	U	NS		NS	NS	0.081	U	NS	0.081
	28-Aug-08	NS		NS	0.171	NS		NS	NS	0.081	U	0.081	U
	27-Oct-08	NS		NS		0.08	U	NS	NS	NS	0.08	U	0.08
	27-Oct-08	0.08	U	NS		0.08	U	NS	NS	NS	0.08	U	0.095
	25-Nov-08	NS		0.08	U	NS		0.08	U	NS	0.08	U	NS
	18-Dec-08	NS		NS	U	NS		0.08	U	NS	0.08	U	0.08
	21-Jan-09	NS		NS		0.08	U	NS	NS	0.08	U	NS	0.08
	25-Feb-09	0.08	U	NS		0.08	U	NS	NS	0.08	U	0.08	U
	26-Mar-09	NS		0.404	U	NS		0.809	U	NS	NS	0.098	0.133
	29-Apr-09	NS		NS	0.319			NS	0.081	U	NS	0.081	
	22-Jul-09	0.404	U	NS	16.5	U	0.809	U	0.404	U	NS	0.081	U
	9-Oct-09	NS		0.081	U	NS		0.081	U	NS	0.081	U	NS
	15-Jan-10	0.081	U	NS	0.081	U	0.081	U	0.081	U	NS	0.081	U
	21-Apr-10	NS		0.081	U	NS		0.404	U	NS	0.404	U	0.081
	16-Jul-10	0.101		NS	1.44		0.081	U	0.611	U	NS	0.081	U
	15-Oct-10	NS		0.081	U	NS		0.081	U	0.081	U	0.081	U
	26-Jan-11	0.809	U	0.081	U	NS		0.081	U	0.404	U	0.404	U
	28-Feb-11	NS		NS	0.809	U	NS		NS	NS	NS	NS	
	27-Apr-11	NS		0.081	U	NS		0.081	U	NS	0.081	U	0.081
	26-Jul-11	0.27	U	NS	0.27	U	0.101		0.405	U	NS	0.081	U
	28-Oct-11	NS		2	U	NS		2	U	2	U	2	U
	23-Jan-12	0.2	U	NS	0.2	U	NS	0.2	U	NS	0.2	U	0.97
	13-Apr-12	NS		0.2	U	NS		NS	0.2	U	0.2	U	0.2
	2-Jul-12 (resample)	NS		NS		NS		NS	NS	NS	1	U	NS
	23-Jun-12	0.4	U	NS	0.4	U	0.4	U	0.4	U	0.4	U	NS
	1-Nov-12	NS		0.04	U	NS		0.04	U	0.04	U	0.04	0.057
	1-Feb-13	0.053		NS	0.062		0.062		0.05	NS	NS	0.066	NS
	29-Apr-13	NS		0.19		NS		0.06	NS	0.04	U	0.081	0.094
	9-Jul-13	0.12	U	NS	0.081	U	0.081		0.081	U	NS	0.092	U
	18-Oct-13	NS		0.081	U	NS		0.081	U	0.081	U	0.081	U
	9-Jan-14	0.081	U	NS	0.040	U	0.040	U	0.040	U	NS	0.081	NS
	24-Apr-14	NS		0.04	U	NS		0.04	U	0.04	U	0.040	0.073
	1-Aug-14	0.040	U	NS	0.170		0.061	U	NS	NS	0.04	U	NS
	27-Aug-14	NS		NS		NS		0.040	U	NS	NS	NS	
	12-Sept-14 (resample)	NS		NS		NS		NS	NS	0.061	U	NS	NS
	22-Oct-14			0.061	U	NS		0.061	U	0.061	U	0.081	U
	20-Jan-15	0.040	U	NS	0.040	U	0.040	U	0.040	U	0.061	U	0.100
	30-Mar-15 (resample)	NS		NS		NS		NS	NS	NS	NS	0.046	U
	22-Apr-15	NS		0.17 ^v		NS		0.087 ^v	NS	0.04	U	0.059	U
	21-Jul-15	0.140 ^j		NS	0.8	U	4	U	0.2	U	NS	0.200 ^o	0.047
	23-Sept-15 resample	NS		NS		NS		NS	NS	NS	0.2	U	NS
	29-Oct-15	NS		0.2	U	NS		0.2	U	NS	0.2	U	0.18 ^j
	4-Dec-15 resample	NS		0.2	U	NS		NS	NS	NS	NS	NS	NS
	27-Jan-16	0.04	U	NS	0.057		0.042		NS	NS	NS	0.065	NS
	20-Apr-16	NS		0.053		NS		0.040	U	0.040	U	0.058	0.060
	20-Jul-16	0.20	U	NS	0.20	U	0.20	U	0.28	NS	0.21	0.20	U
	21-Oct-16	NS		0.086		NS		0.04	U	0.04	U	0.04	0.052
	31-Jan-17	0.04	U	NS	0.078		0.04	U	0.04	NS	0.04	U	NS
	17-Apr-17	NS		0.061	U	NS		0.061	U	0.061	U	0.061	U
	26-Jul-17	0.04	U	NS	0.04	U	0.04	U	0.04	U	0.04	U	NS
	12-Oct-17	NS		0.04		NS		0.04	U	0.12	U	0.23	0.1
	10-Jan-18	0.04	U	NS	0.04	U	0.04	U	0.04	U	0.11	U	U
	11-Apr-18	NS		0.081	U	NS		0.81 ^D	U	0.81 ^D	U	0.087	NS
	23-May-18	NS		NS		NS		NS	NS	NS	NS	0.061	U
	27-Jul-18	0.20	U	NS	0.20	U	0.20	U	0.20	U	0.20	U	NS

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.08	U	NS	NS	NS	NS	NS	0.08	U	0.08	U
	27-Mar-08	NS		0.079	U	NS	NS	NS	0.079	U	NS	0.079
	25-Apr-08	NS		NS	0.079	U	NS	NS	0.079	U	NS	0.079
	29-May-08	NS		NS	NS	0.08	U	NS	NS	0.08	U	NS
	27-Jun-08	0.123	U	NS	NS	NS	0.079	U	NS	NS	0.079	U
	31-Jul-08	NS		0.079	U	NS	NS	NS	NS	0.079	U	0.079
	28-Aug-08	NS		NS	0.079	U	NS	NS	0.079	U	0.079	U
	30-Sep-08	NS		NS	2	U	NS	NS	2	U	2	U
	27-Oct-08	2	U	NS	NS	NS	2	U	NS	2	2	U
	25-Nov-08	NS		2	U	NS	NS	2	U	NS	2	U
	18-Dec-08	NS		NS	2	U	NS	NS	2	U	2	U
	21-Jan-09	NS		NS	2	U	NS	NS	2	U	2	U
	25-Feb-09	2	U	NS	NS	NS	2	U	NS	2	U	NS
	26-Mar-09	NS		0.396	U	NS	NS	0.792	U	NS	NS	0.079
	29-Apr-09	NS		NS	0.079	U	NS	NS	0.079	U	NS	0.079
	22-Jul-09	0.396	U	NS	16.2	U	0.792	U	0.396	U	NS	0.079
	9-Oct-09	NS		0.079	U	NS	NS	0.079	U	0.079	U	0.079
	15-Jan-10	0.137	U	NS	0.079	U	0.079	U	0.079	U	NS	0.079
	21-Apr-10	NS		0.079	U	NS	NS	0.396	U	0.396	U	0.079
	16-Jul-10	0.079	U	NS	0.206		0.079	U	0.598	U	NS	0.079
	15-Oct-10	NS		0.079	U	NS	NS	0.079	U	0.079	U	0.079
	26-Jan-11	0.792	U	0.079	U	NS	0.079	U	0.396	U	3.96	U
	28-Feb-11	NS		NS	0.792	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS		0.079	U	NS	0.079	U	NS	0.079	U	0.079
	26-Jul-11	0.264	U	NS	0.264	U	0.079	U	0.396	U	0.396	U
	28-Oct-11	NS		2	U	NS	2	U	NS	2	2	U
	23-Jan-12	0.4	U	NS	0.4	U	0.4	U	0.4	U	0.4	U
	13-Apr-12	NS		0.2	U	NS	0.2	U	NS	0.2	U	0.2
1,1-Dichloroethene	2-Jul-12 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	0.99	U
	23-Jun-12	0.4	U	NS	0.4	U	0.4	U	0.4	U	0.4	U
	1-Nov-12	NS		0.04	U	NS	0.04	U	0.04	U	0.04	U
	1-Feb-13	0.04	U	NS	0.04	U	0.04	U	0.04	U	0.040	U
	29-Apr-13	NS		0.099	U	NS	0.04	U	0.04	U	0.040	U
	9-Jul-13	0.059	U	NS	0.040	U	0.040	U	0.040	U	0.040	U
	18-Oct-13	NS		0.079	U	NS	0.079	U	NS	0.079	U	0.079
	9-Jan-14	0.079	U	NS	0.081	U	0.079	U	0.079	U	0.079	U
	24-Apr-14	NS		0.04	U	NS	0.04	U	NS	0.04	U	0.040
	1-Aug-14	0.079	U	NS	0.120	U	0.420		NS	0.040	U	0.079
	27-Aug-14	NS		NS	NS	NS	NS	0.040	U	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	NS	NS	NS	NS	NS	0.059	U	NS
	22-Oct-14	NS		0.059	U	NS	0.059	U	0.059	U	0.059	U
	20-Jan-15	0.04	U	NS	0.040	U	0.040	U	0.040	U	0.040	U
	30-Mar-15 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	0.045	U
	22-Apr-15	NS		0.041 ^v	U	NS	0.040 ^v	U	NS	0.04	U	0.046
	21-Jul-15	0.2	U	NS	0.8	U	4	U	0.2	U	0.200 ^o	U
	23-Sept-15 resample	NS		NS	NS	NS	NS	NS	NS	0.2	U	NS
	29-Oct-15	NS		0.2	U	NS	0.2	U	NS	0.2	U	0.46
4-Dec-15 resample	NS		0.2	U	NS	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	0.04	U	NS	0.04	U	0.04	U	0.04	U	0.04	U
	20-Apr-16	NS		0.040	U	NS	0.040	U	0.040	U	0.040	U
	20-Jul-16	0.20	U	NS	0.21	U	0.20	U	0.24	NS	0.24	U
	21-Oct-16	NS		0.04	U	NS	0.04	U	0.04	U	0.04	U
	31-Jan-17	0.04	U	NS	0.04	U	0.04	U	0.04	U	0.04	U
	17-Apr-17	NS		0.059	U	NS	0.059	U	0.059	U	0.059	U
	26-Jul-17	0.04	U	NS	0.04	U	0.04	U	0.04	U	0.04	U
	12-Oct-17	NS		0.04	U	NS	0.04	U	0.12	U	0.11	U
	10-Jan-18	0.04	U	NS	0.04	U	0.04	U	0.04	U	0.04	U
	11-Apr-18	NS		0.079	U	NS	0.79	U	0.79	U	0.79	U
	23-May-18	NS		NS	NS	NS	NS	NS	NS	NS	0.059	U
	27-Jul-18	0.20	U	NS	0.20	U	0.20	U	0.20	U	0.20	U

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.08	U	NS	NS	0.08	U	NS	0.08	U	0.08	U
	27-Mar-08	NS		0.079	U	NS	0.079	U	NS	NS	0.079	U
	25-Apr-08	NS		NS	0.079	U	NS	0.079	U	NS	0.079	U
	29-May-08	NS		NS	0.08	NS	NS	0.08	U	0.08	U	NS
	27-Jun-08	0.123	U	NS	NS	0.079	U	NS	NS	NS	0.079	U
	31-Jul-08	NS		0.079	U	NS	NS	NS	0.079	U	NS	0.079
	28-Aug-08	NS		NS	0.079	U	NS	0.079	U	0.079	U	NS
	30-Sep-08	NS		NS	5.9	U	NS	NS	5.9	U	5.9	U
	27-Oct-08	2	U	NS	NS	2	U	NS	2	U	NS	2
	25-Nov-08	NS		2	U	NS	2	U	NS	2	U	NS
	18-Dec-08	NS		NS	2	U	NS	2	U	2	U	2
	21-Jan-09	NS		NS	2	U	NS	NS	2	U	NS	2
	25-Feb-09	2	U	NS	NS	2	U	NS	2	U	2	U
	26-Mar-09	NS		0.396	U	NS	0.792	U	NS	NS	0.079	U
	29-Apr-09	NS		NS	0.079	U	NS	0.079	U	NS	0.079	U
	22-Jul-09	0.396	U	NS	5.95	0.792	U	NS	0.396	U	NS	0.079
	9-Oct-09	NS		0.079	U	NS	0.079	U	NS	0.079	U	NS
	15-Jan-10	0.079	U	NS	0.079	U	NS	0.079	U	NS	0.079	U
	21-Apr-10	NS		0.079	U	NS	0.396	U	NS	0.396	U	0.079
	16-Jul-10	0.079	U	NS	0.079	U	NS	0.598	U	NS	0.079	U
	15-Oct-10	NS		0.079	U	NS	0.079	U	NS	0.079	U	0.079
	26-Jan-11	0.792	U	0.079	U	NS	0.079	U	0.396	U	0.396	U
	28-Feb-11	NS		NS	0.792	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS		0.079	U	NS	0.079	U	NS	0.079	U	0.079
	26-Jul-11	0.264	U	NS	0.264	U	0.079	U	0.396	U	0.396	U
	28-Oct-11	NS		2	U	NS	2	U	NS	2	U	2
	23-Jan-12	0.4	U	NS	0.4	U	NS	0.4	U	NS	0.4	U
	13-Apr-12	NS		0.2	U	NS	0.2	U	NS	0.2	U	0.2
cis-1,2-Dichloroethene*	2-Jul-12 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	0.99	U
	23-Jun-12	0.4	U	NS	0.4	U	NS	0.4	U	NS	0.4	U
	1-Nov-12	NS		0.04	U	NS	0.04	U	NS	0.04	U	0.04
	1-Feb-13	0.04	U	NS	0.04	U	NS	0.04	U	NS	0.04	U
	29-Apr-13	NS		0.2	U	NS	0.079	U	NS	0.079	U	0.079
	9-Jul-13	0.059	U	NS	0.040	U	0.040	U	0.054	NS	0.040	U
	18-Oct-13	NS		0.079	U	NS	0.079	U	NS	0.079	U	0.079
	9-Jan-14	0.079	U	NS	0.079	U	NS	0.079	U	NS	0.079	U
	24-Apr-14	NS		0.04	U	NS	0.04	U	NS	0.04	U	0.12
	1-Aug-14	0.079	U	NS	0.120	U	0.120	U	NS	0.079	U	NS
	27-Aug-14	NS		NS	NS	NS	NS	0.040	U	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	NS	NS	NS	NS	NS	0.059	U	NS
	22-Oct-14	NS		0.059	U	NS	0.059	U	0.059	U	0.059	U
	20-Jan-15	0.04	U	NS	0.040	U	0.040	U	NS	0.059	U	0.040
	30-Mar-15 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	0.045	U
	22-Apr-15	NS		0.041 ^v	U	NS	0.040 ^v	U	NS	0.04	U	0.046
	21-Jul-15	0.2	U	NS	0.8	U	4	U	NS	0.2	U	1.700 ^o
	23-Sept-15 resample	NS		NS	NS	NS	NS	NS	NS	0.2	U	NS
	29-Oct-15	NS		0.2	U	NS	0.27	NS	0.4	0.31	U	2.7
4-Dec-15 resample	NS		0.2	U	NS	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	0.04	U	NS	0.04	U	0.04	U	NS	0.04	U	NS
	20-Apr-16	NS		0.040	U	NS	0.040	U	NS	0.040	U	0.040
	20-Jul-16	0.20	U	NS	0.20	U	0.20	U	NS	0.21	U	NS
	21-Oct-16	NS		0.04	U	NS	0.04	U	0.04	U	0.04	U
	31-Jan-17	0.04	U	NS	0.04	U	0.04	U	NS	0.04	U	0.07
	17-Apr-17	NS		0.059	U	NS	0.059	U	0.059	U	0.059	U
	26-Jul-17	0.04	U	NS	0.04	U	0.04	U	NS	0.04	U	NS
	12-Oct-17	NS		0.04	U	NS	0.04	U	0.12	U	0.11	U
	10-Jan-18	0.04	U	NS	0.04	U	0.04	U	NS	0.04	U	0.099
	11-Apr-18	NS		0.079	U	NS	0.79	U	0.79	U	0.79	U
	23-May-18	NS		NS	NS	NS	NS	NS	NS	NS	0.059	U
	27-Jul-18	0.20	U	NS	0.20	U	0.20	U	NS	0.20	U	NS

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.08	U	NS	NS	0.08	U	NS	0.08	U	0.08	U
	27-Mar-08	NS	0.079	U	NS	NS	0.079	U	NS	NS	0.079	U
	25-Apr-08	NS	NS	0.079	U	NS	NS	0.079	U	NS	0.079	U
	29-May-08	NS	NS	NS	0.08	U	NS	NS	0.08	U	0.08	U
	27-Jun-08	0.123	U	NS	NS	0.079	U	NS	NS	NS	0.079	U
	31-Jul-08	NS	0.079	U	NS	NS	NS	NS	0.079	U	NS	0.079
	28-Aug-08	NS	NS	0.079	U	NS	NS	0.079	U	0.079	U	NS
	30-Sep-08	NS	NS	NS	2	U	NS	NS	2	U	NS	2
	27-Oct-08	2	U	NS	NS	2	U	NS	2	U	NS	2
	25-Nov-08	NS	2	U	NS	NS	2	U	NS	2	U	NS
	18-Dec-08	NS	NS	2	U	NS	NS	2	U	NS	2	U
	21-Jan-09	NS	NS	NS	2	U	NS	NS	2	U	NS	2
	25-Feb-09	2	U	NS	NS	2	U	NS	2	U	2	U
	26-Mar-09	NS	0.396	U	NS	NS	0.792	U	NS	NS	0.079	U
	29-Apr-09	NS	NS	0.079	U	NS	NS	0.079	U	NS	0.079	U
	22-Jul-09	0.396	U	NS	0.396	U	0.792	U	NS	NS	0.079	U
	9-Oct-09	NS	0.079	U	NS	NS	0.079	U	NS	0.079	U	NS
	15-Jan-10	0.079	NS	0.079	U	NS	0.079	U	NS	0.079	U	0.079
	21-Apr-10	NS	0.079	U	NS	NS	0.396	U	NS	0.396	U	0.079
	16-Jul-10	0.079	U	NS	0.079	U	0.598	U	NS	0.079	U	NS
	15-Oct-10	NS	0.079	U	NS	0.079	U	NS	0.079	U	0.079	U
	26-Jan-11	0.792	U	0.079	U	NS	0.36	U	NS	0.396	U	0.396
	28-Feb-11	NS	NS	0.792	U	NS	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS	0.079	U	NS	0.079	U	NS	0.079	U	0.079	U
	26-Jul-11	0.264	U	NS	0.264	U	0.079	U	NS	0.079	U	0.396
	28-Oct-11	NS	2	U	NS	2	U	NS	2	U	2	U
	23-Jan-12	0.4	U	NS	0.4	U	0.4	U	NS	0.4	U	0.4
	13-Apr-12	NS	0.2	U	NS	0.2	U	NS	0.2	U	0.2	U
trans-1,2-Dichloroethene*	2-Jul-12 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.99	U
	23-Jun-12	0.4	U	NS	0.4	U	0.4	U	NS	0.4	U	NS
trans-1,2-Dichloroethene*	1-Nov-12	NS	0.04	U	NS	0.04	U	0.04	U	0.04	U	0.04
	1-Feb-13	0.04	U	NS	0.04	U	0.04	U	NS	0.04	U	NS
trans-1,2-Dichloroethene*	29-Apr-13	NS	0.099	U	NS	0.04	U	0.04	U	0.04	U	0.04
	9-Jul-13	0.059	U	NS	0.040	U	0.040	U	NS	0.040	U	NS
trans-1,2-Dichloroethene*	18-Oct-13	NS	0.079	U	NS	0.079	U	NS	0.079	U	0.079	U
	9-Jan-14	0.079	U	NS	0.079	U	0.079	U	NS	0.079	U	NS
trans-1,2-Dichloroethene*	24-Apr-14	NS	0.04	U	NS	0.04	U	0.04	U	0.04	U	0.040
	1-Aug-14	0.079	U	NS	0.120	U	0.120	U	NS	0.079	U	0.079
trans-1,2-Dichloroethene*	27-Aug-14	NS	NS	NS	NS	NS	0.040	U	NS	NS	NS	NS
	12-Sept-14 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene*	22-Oct-14	NS	0.059	U	NS	0.059	U	0.059	U	0.059	U	0.079
	20-Jan-15	0.04	U	NS	0.040	U	0.040	U	NS	0.059	U	0.040
trans-1,2-Dichloroethene*	30-Mar-15 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.045	U
	22-Apr-15	NS	0.041 ^v	U	NS	0.040 ^v	U	NS	0.04	U	0.040	U
trans-1,2-Dichloroethene*	21-Jul-15	0.2	U	NS	0.8	U	4	U	NS	0.2	U	2.00 ^o
	23-Sept-15 resample	NS	NS	NS	NS	NS	NS	NS	NS	0.2	U	2.00 ^o
trans-1,2-Dichloroethene*	29-Oct-15	NS	0.2	U	NS	0.2	U	NS	0.3	U	0.2	U
	4-Dec-15 resample	NS	0.2	U	NS	NS	NS	NS	NS	NS	NS	NS
trans-1,2-Dichloroethene*	27-Jan-16	0.04	U	NS	0.04	U	0.04	U	NS	0.04	U	NS
	20-Apr-16	NS	0.040	U	NS	0.040	U	0.040	U	0.040	U	0.040
trans-1,2-Dichloroethene*	20-Jul-16	0.20	U	NS	0.20	U	0.20	U	NS	0.20	U	0.2
	21-Oct-16	NS	0.04	U	NS	0.04	U	0.04	U	0.04	U	0.04
trans-1,2-Dichloroethene*	31-Jan-17	0.04	U	NS	0.04	U	0.04	U	NS	0.04	U	0.14
	17-Apr-17	NS	0.071	U	NS	0.079	U	0.059	U	0.086	U	0.059
trans-1,2-Dichloroethene*	26-Jul-17	0.04	U	NS	0.04	U	0.04	U	NS	0.04	U	NS
	12-Oct-17	NS	0.04	U	NS	0.04	U	0.04	U	0.12	U	0.099
trans-1,2-Dichloroethene*	10-Jan-18	0.04	U	NS	0.04	U	0.04	U	NS	0.11	U	0.099
	11-Apr-18	NS	0.079	U	NS	0.79	U	0.79	U	0.79	U	0.04
trans-1,2-Dichloroethene*	23-May-18	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.059	U
	27-Jul-18	0.20	U	NS	0.20	U	0.20	U	NS	0.20	U	NS

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.09	U	NS	NS	0.09	U	NS	0.09	U	0.09	U
	27-Mar-08	NS		0.092	U	NS	0.092	U	NS	NS	0.092	U
	25-Apr-08	NS		NS	0.092	U	NS	0.092	U	NS	0.092	U
	29-May-08	NS		NS	0.09	U	NS	NS	0.09	U	0.09	U
	27-Jun-08	0.144	U	NS	NS	0.092	U	NS	NS	NS	0.092	U
	31-Jul-08	NS		0.092	U	NS	NS	NS	0.092	U	NS	0.092
	28-Aug-08	NS		NS	0.092	U	NS	NS	0.092	U	0.092	U
	30-Sep-08	NS		NS	0.09	U	NS	NS	0.09	U	0.09	U
	27-Oct-08	0.09	U	NS	NS	0.09	U	NS	NS	0.09	U	0.09
	25-Nov-08	NS		0.09	U	NS	0.09	U	NS	0.09	U	NS
	18-Dec-08	NS		NS	0.09	U	NS	0.09	U	NS	0.09	U
	21-Jan-09	NS		NS	0.09	U	NS	NS	0.09	U	NS	0.09
	25-Feb-09	0.09	U	NS	NS	0.09	U	NS	NS	0.09	U	NS
	26-Mar-09	NS		0.462	U	NS	NS	0.924	U	NS	0.092	U
	29-Apr-09	NS		NS	0.092	U	NS	NS	0.092	U	NS	0.092
	22-Jul-09	0.462	U	NS	18.8	U	0.924	U	0.462	U	NS	0.092
	9-Oct-09	NS		0.092	U	NS	NS	0.092	U	0.092	U	0.092
	15-Jan-10	0.092	U	NS	0.092	U	0.092	U	0.092	U	0.092	U
	21-Apr-10	NS		0.092	U	NS	0.462	U	NS	0.462	U	0.092
	16-Jul-10	0.092	U	NS	0.092	U	0.092	U	0.698	U	NS	0.092
	15-Oct-10	NS		0.092	U	NS	0.092	U	NS	0.092	U	0.092
	26-Jan-11	0.924	U	0.092	U	NS	0.092	U	0.462	U	NS	0.462
	28-Feb-11	NS		NS	0.924	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS		0.092	U	NS	0.092	U	NS	0.092	U	0.092
	26-Jul-11	0.308	U	NS	0.308	U	0.092	U	0.462	U	NS	0.462
	28-Oct-11	NS		2.3	U	NS	2.3	U	2.3	U	2.3	U
	23-Jan-12	0.23	U	NS	0.23	U	0.23	U	NS	NS	0.23	U
	13-Apr-12	NS		0.46	U	NS	0.46	U	0.46	U	0.46	U
1,2-Dichloropropane	2-Jul-12 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	1.2	U
	23-Jun-12	0.46	U	NS	0.46	U	0.46	U	0.46	U	0.46	U
	1-Nov-12	NS		0.046	U	NS	0.046	U	0.046	U	0.046	U
	1-Feb-13	0.092	U	NS	0.092	U	0.092	U	NS	0.092	U	NS
	29-Apr-13	NS		0.12	U	NS	0.046	U	0.046	U	0.046	U
	9-Jul-13	0.14	U	NS	0.092	U	0.092	U	NS	0.092	U	NS
	18-Oct-13	NS		0.092	U	NS	0.092	U	0.092	U	0.092	U
	9-Jan-14	0.092	U	NS	0.092	U	0.092	U	NS	0.092	U	NS
	24-Apr-14	NS		0.046 ^{L,V}	U	NS	0.046 ^{L,V}	U	0.046 ^{L,V}	U	0.046 ^{L,V}	U
	1-Aug-14	0.092	U	NS	0.14	U	0.14	U	NS	0.092	U	NS
	27-Aug-14	NS		NS	NS	NS	0.046	U	NS	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	NS	NS	NS	NS	0.069 ^{L,V}	U	NS	NS
	22-Oct-14	NS		0.069	U	NS	0.069	U	0.069	U	0.069	U
	20-Jan-15	0.046	U	NS	0.046	U	0.046	U	NS	0.069	U	0.046
30-Mar-15 (resample)	20-Mar-15 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	0.052	U
	22-Apr-15	NS		0.047	U	NS	0.046	U	0.046	U	0.046	U
	21-Jul-15	0.2	U	NS	0.9	U	5	U	0.3	U	0.200 °	U
23-Sept-15 resample	NS		NS	NS	NS	NS	NS	NS	0.2	U	NS	NS
	29-Oct-15	NS		0.3	U	NS	0.3	U	0.4	U	0.2	U
4-Dec-15 resample	NS		0.2	U	NS	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	0.046	U	NS	0.046	U	0.046	U	NS	0.046	U	0.046
	20-Apr-16	NS		0.046	U	NS	0.046	U	0.046	U	0.046	U
	20-Jul-16	0.23	U	NS	0.23	U	0.23	U	0.27	NS	0.29	NS
	21-Oct-16	NS		0.046	U	NS	0.046	U	0.046	U	0.046	U
	31-Jan-17	0.046	U	NS	0.046	U	0.046	U	NS	0.046	U	0.046
	17-Apr-17	NS		0.069	U	NS	0.069	U	0.069	U	0.069	U
	26-Jul-17	0.046	U	NS	0.046	U	0.046	U	NS	0.046	U	NS
	12-Oct-17	NS		0.046	U	NS	0.046	U	0.14	U	0.13	U
	10-Jan-18	0.046	U	NS	0.046	U	0.046	U	NS	0.046	U	0.046
	11-Apr-18	NS		0.092	U	NS	NS	0.92 ^D	U	0.92 ^D	U	0.92 ^D
	23-May-18	NS		NS	U	NS	NS	NS	NS	NS	0.069	U
	27-Jul-18	0.23	U	NS	0.23	U	0.23	U	NS	NS	0.23	U

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.09	U	NS	NS	0.09	U	NS	0.09	U	0.09	U
	27-Mar-08	NS		0.091	U	NS	0.091	U	NS	NS	0.091	U
	25-Apr-08	NS		NS	U	NS	NS	U	NS	0.091	U	0.091
	29-May-08	NS		NS	U	0.09	U	NS	0.09	U	0.09	U
	27-Jun-08	0.141	U	NS	NS	0.091	U	NS	NS	NS	0.091	U
	31-Jul-08	NS		0.091	U	NS	NS	NS	NS	0.091	U	0.091
	28-Aug-08	NS		NS	U	NS	NS	U	NS	0.091	U	NS
	27-Oct-08	NS		NS	U	0.18	U	NS	NS	0.18	U	0.18
	27-Oct-08	0.18	U	NS	NS	0.18	U	NS	NS	0.18	U	0.18
	25-Nov-08	NS		0.18	U	NS	NS	U	NS	0.18	U	NS
	18-Dec-08	NS		NS	U	0.18	U	NS	0.18	U	0.18	U
	21-Jan-09	NS		NS	U	0.18	U	NS	0.18	U	0.18	U
	25-Feb-09	0.18	U	NS	NS	0.18	U	NS	NS	0.18	U	NS
	26-Mar-09	NS		0.453	U	NS	NS	U	NS	NS	0.091	U
	29-Apr-09	NS		NS	U	0.091	U	NS	NS	0.091	U	0.091
	22-Jul-09	0.453	U	NS	18.5	U	0.907	U	0.453	U	NS	0.091
	9-Oct-09	NS		0.091	U	NS	NS	U	0.091	U	0.091	U
	15-Jan-10	0.091	U	NS	U	0.091	U	NS	0.091	U	0.091	U
	21-Apr-10	NS		0.091	U	NS	NS	U	0.453	U	0.091	U
	16-Jul-10	0.091	U	NS	U	0.091	U	NS	0.685	U	NS	0.091
	15-Oct-10	NS		0.091	U	NS	NS	U	0.091	U	0.091	U
	26-Jan-11	0.907	U	0.091	U	NS	0.091	U	0.453	U	NS	0.453
	28-Feb-11	NS		NS	U	0.907	U	NS	NS	NS	NS	NS
	27-Apr-11	NS		0.091	U	NS	NS	U	0.091	U	0.091	U
	26-Jul-11	0.303	U	NS	0.303	U	0.091	U	0.454	U	NS	0.454
	28-Oct-11	NS		2.3	U	NS	2.3	U	NS	2.3	U	2.3
	23-Jan-12	0.45	U	NS	U	0.45	U	NS	0.45	U	0.45	U
	13-Apr-12	NS		0.2	U	NS	NS	U	0.23	U	0.23	U
cis-1,3-Dichloropropene	2-Jul-12 (resample)	NS		NS	U	NS	NS	U	NS	NS	1.1	U
	23-Jun-12	0.45	U	NS	0.45	U	0.45	U	0.45	U	0.45	U
	1-Nov-12	NS		0.045	U	NS	0.045	U	0.045	U	0.045	U
	1-Feb-13	0.045	U	NS	0.045	U	0.045	U	NS	0.045	U	0.045
	29-Apr-13	NS		0.11	U	NS	0.045	U	NS	0.045	U	0.045
	9-Jul-13	0.068	U	NS	U	0.045	U	0.045	U	NS	0.045	U
	18-Oct-13	NS		0.091	U	NS	0.091	U	NS	0.091	U	0.091
	9-Jan-14	0.091	U	NS	U	0.091	U	NS	0.091	U	0.091	U
	24-Apr-14	NS		0.045	U	NS	0.045	U	NS	0.045	U	0.045
	1-Aug-14	0.091	U	NS	U	0.14	U	NS	NS	0.091	U	NS
	27-Aug-14	NS		NS	U	NS	NS	U	0.045	U	NS	NS
	12-Sept-14 (resample)	NS		NS	U	NS	NS	U	NS	0.068	U	NS
	22-Oct-14	NS		0.068	U	NS	0.068	U	0.068	U	0.068	U
	20-Jan-15	0.045	U	NS	U	0.045	U	0.045	U	NS	0.045	U
	30-Mar-15 (resample)	NS		NS	U	NS	NS	U	NS	NS	0.051	U
	22-Apr-15	NS		0.047	U	NS	0.045	U	NS	0.045	U	0.052
	21-Jul-15	0.2	U	NS	U	0.9	U	5	U	0.3	U	0.200 °
	23-Sept-15 resample	NS		NS	U	NS	NS	U	NS	0.2	U	NS
	29-Oct-15	NS		0.3	U	NS	0.3	U	NS	0.2	U	0.2
	4-Dec-15 resample	NS		0.2	U	NS	NS	U	NS	NS	NS	NS
	27-Jan-16	0.045	U	NS	U	0.045	U	NS	0.045	U	0.045	U
	20-Apr-16	NS		0.045	U	NS	0.045	U	NS	0.045	U	0.045
	20-Jul-16	0.23	U	NS	U	0.23	U	NS	0.23	U	0.23	U
	21-Oct-16	NS		0.045	U	NS	0.045	U	NS	0.045	U	0.045
	31-Jan-17	0.045	U	NS	U	0.045	U	0.045	U	NS	0.045	U
	17-Apr-17	NS		0.068	U	NS	0.068	U	0.068	U	0.068	U
	26-Jul-17	0.045	U	NS	U	0.045	U	NS	0.045	U	0.045	U
	12-Oct-17	NS		0.045	U	NS	0.045	U	NS	0.14	U	0.11
	10-Jan-18	0.045	U	NS	U	0.045	U	NS	0.045	U	0.045	U
	11-Apr-18	NS		0.091	U	NS	0.91	U	NS	0.91	U	0.91
	23-May-18	NS		NS	U	NS	NS	U	NS	NS	0.068	U
	27-Jul-18	0.23	U	NS	U	0.23	U	NS	0.23	U	0.23	U

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.09	U	NS	NS	0.09	U	NS	0.09	U	0.09	U
	27-Mar-08	NS		0.091	U	NS	0.091	U	NS	NS	0.091	U
	25-Apr-08	NS		NS	0.091	U	NS	0.091	U	NS	0.091	U
	29-May-08	NS		NS	0.09	U	NS	0.09	U	0.09	U	NS
	27-Jun-08	0.141	U	NS	NS	0.091	U	NS	NS	NS	0.091	U
	31-Jul-08	NS		0.091	U	NS	NS	NS	NS	NS	0.091	U
	28-Aug-08	NS		NS	0.091	U	NS	NS	0.091	U	0.091	U
	30-Sep-08	NS		NS	0.18	U	NS	NS	0.18	U	0.18	U
	27-Oct-08	0.18	U	NS	NS	0.18	U	NS	NS	0.18	U	0.18
	25-Nov-08	NS		0.18	U	NS	0.18	U	NS	0.18	U	NS
	18-Dec-08	NS		NS	0.18	U	NS	0.18	U	0.18	U	0.18
	21-Jan-09	NS		NS	0.18	U	NS	NS	0.18	U	NS	0.18
	25-Feb-09	0.18	U	NS	NS	0.18	U	NS	NS	0.18	U	NS
	26-Mar-09	NS		0.453	U	NS	NS	0.907	U	NS	0.901	U
	29-Apr-09	NS		NS	0.091	U	NS	NS	0.091	U	NS	0.091
	22-Jul-09	0.453	U	NS	0.453	U	0.907	U	0.453	U	NS	0.091
	9-Oct-09	NS		0.079	U	NS	NS	0.091	U	0.091	U	NS
	15-Jan-10	0.091		NS	0.091	U	0.091	U	0.091	U	0.091	U
	21-Apr-10	NS		0.091	U	NS	NS	0.453	U	0.453	U	0.091
	16-Jul-10	0.091	U	NS	0.091	U	0.091	U	0.685	U	NS	0.091
	15-Oct-10	NS		0.091	U	NS	0.091	U	0.091	U	0.091	U
	26-Jan-11	0.907	U	0.091	U	NS	0.091	U	0.453	U	0.453	U
	28-Feb-11	NS		NS	0.907	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS		0.091	U	NS	NS	0.091	U	0.091	U	0.091
	26-Jul-11	0.303	U	NS	0.303	U	0.091	U	0.454	U	NS	0.454
	28-Oct-11	NS		2.3	U	NS	2.3	U	NS	2.3	U	2.3
	23-Jan-12	0.45	U	NS	0.45	U	0.45	U	0.45	U	0.45	U
	13-Apr-12	NS		1.2	U	NS	0.23	U	NS	0.23	U	0.23
	2-Jul-12 (resample)	NS		NS	1.1	U						
trans-1,3-Dichloropropene	23-Jun-12	0.45	U	NS	0.45	U	0.45	U	0.45	U	0.45	U
	1-Nov-12	NS		0.045	U	NS	0.045	U	0.045	U	0.045	U
	1-Feb-13	0.045	U	NS	0.045	U	0.045	U	NS	0.045	U	0.045
	29-Apr-13	NS		0.11	U	NS	0.045	U	NS	0.045	U	0.045
	9-Jul-13	0.068	U	NS	0.045	U	0.045	U	NS	0.045	U	NS
	18-Oct-13	NS		0.091	U	NS	0.091	U	NS	0.091	U	0.091
	9-Jan-14	0.091	U	NS	0.091	U	0.091	U	NS	0.091	U	NS
	24-Apr-14	NS		0.045	U	NS	0.045	U	NS	0.045	U	0.045
	1-Aug-14	0.091	U	NS	0.14	U	0.14	U	NS	0.091	U	NS
	27-Aug-14	NS		NS	NS	NS	NS	0.045	U	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	NS	NS	NS	NS	NS	0.068	U	NS
	22-Oct-14	NS		0.068	U	NS	0.068	U	0.068	U	0.068	U
	20-Jan-15	0.045	U	NS	0.045	U	0.045	U	NS	0.068	U	0.045
	30-Mar-15 (resample)	NS		NS	0.051	U						
	22-Apr-15	NS		0.047	U	NS	0.045	U	NS	0.045	U	0.052
	21-Jul-15	0.2	U	NS	0.9	U	5	U	0.3	U	NS	NS
	23-Sept-15 resample	NS		NS	NS	NS	NS	NS	NS	0.2	U	NS
	29-Oct-15	NS		0.3	U	NS	0.3	U	NS	0.2	U	0.2
4-Dec-15 resample	NS		0.2	U	NS							
	27-Jan-16	0.045	U	NS	0.045	U	0.045	U	NS	0.045	U	0.045
	20-Apr-16	NS		0.045	U	NS	0.045	U	NS	0.045	U	0.045
	20-Jul-16	0.23	U	NS	0.23	U	0.23	U	NS	0.23	U	0.23
	21-Oct-16	NS		0.045	U	NS	0.045	U	NS	0.045	U	0.045
	31-Jan-17	0.045	U	NS	0.045	U	0.045	U	NS	0.045	U	NS
	17-Apr-17	NS		0.068	U	NS	0.068	U	NS	0.068	U	0.068
	26-Jul-17	0.045	U	NS	0.045	U	0.045	U	NS	0.045	U	NS
	12-Oct-17	NS		0.045	U	NS	0.045	U	NS	0.14	U	0.11
	10-Jan-18	0.045	U	NS	0.045	U	0.045	U	NS	0.13	U	0.11
	11-Apr-18	NS		0.091	U	NS	0.91	U	NS	0.091	U	0.045
	23-May-18	NS		NS	0.27	U						
	27-Jul-18	0.23	U	NS	0.23	U	0.23	U	NS	0.23	U	NS

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	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
Ethylbenzene	8-Feb-08	0.21	NS	0.295	NS	0.23	NS	NS	0.33	4.89	NS	
	27-Mar-08	NS	NS	0.295	NS	0.157	NS	NS	NS	0.645	0.372	
	25-Apr-08	NS	NS	0.291	NS	0.32	NS	NS	NS	NS	0.565	
	29-May-08	NS	NS	NS	1.49	NS	2.2	2.82	1.01	NS	NS	
	27-Jun-08	4.34	*	NS	0.472	NS	NS	NS	NS	0.606	0.699	
	31-Jul-08	NS	NS	NS	NS	NS	NS	NS	0.758	NS	0.577	
	28-Aug-08	NS	NS	0.83	NS	0.482	NS	0.711	0.666	NS	NS	
	30-Sep-08	NS	NS	2.2	U	NS	NS	NS	NS	2.2	U	2.2
	27-Oct-08	18.4	NS	NS	2.2	U	NS	NS	NS	NS	2.2	U
	25-Nov-08	NS	2.2	U	NS	2.2	U	NS	2.3	2.2	U	NS
	18-Dec-08	NS	NS	U	NS	NS	U	NS	NS	2.2	U	2.2
	21-Jan-09	NS	NS	2.2	U	NS	NS	NS	2.2	U	NS	2.2
	25-Feb-09	10.8	NS	NS	2.2	U	NS	NS	2.2	U	NS	2.2
	26-Mar-09	NS	0.516	NS	NS	0.868	U	NS	NS	0.845	1.18	
	29-Apr-09	NS	NS	0.19	NS	0.191	NS	NS	0.304	NS	0.325	
	22-Jul-09	11.7	NS	11.7	0.868	U	NS	1.15	NS	38.2	1.04	NS
	9-Oct-09	NS	0.564	NS	NS	0.56	NS	0.291	18.1	0.542	NS	0.542
	15-Jan-10	6.95	NS	0.568	0.542	NS	0.659	NS	0.712	0.72	NS	
	21-Apr-10	NS	0.304	NS	NS	1.34	NS	1.8	1.76	2.12	NS	1.56
	16-Jul-10	8.23	NS	2.4	1.8	NS	1.44	NS	NS	1.51	1.42	NS
	15-Oct-10	NS	0.534	NS	NS	0.625	NS	0.521	0.573	1.07	NS	0.833
	26-Jan-11	1.26	NS	1.66	NS	1.26	NS	NS	1.21	4.14	4.68	NS
	28-Feb-11	NS	NS	0.868	U	NS	NS	NS	NS	NS	NS	
	27-Apr-11	NS	0.243	NS	NS	0.239	NS	0.286	3.86	0.364	NS	0.508
	26-Jul-11	3.91	NS	0.942	0.339	NS	0.434	U	NS	0.304	0.434	U
	28-Oct-11	NS	2.2	U	NS	2.2	U	NS	2.2	U	2.2	U
	23-Jan-12	3	NS	0.79	0.56	NS	0.82	NS	1.7	12	NS	
	13-Apr-12	NS	0.43	U	NS	0.43	U	NS	0.43	U	1.5	0.43
	2-Jul-12 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.2	U
	23-Jun-12	5.1	NS	0.53	0.43	U	NS	0.47	NS	0.76	0.46	NS
	1-Nov-12	NS	0.55	NS	NS	0.57	NS	0.8	0.75	0.87	NS	1.3
	1-Feb-13	1.3	NS	0.18	0.15	NS	0.23	NS	NS	0.54	0.52	NS
	29-Apr-13	NS	0.33	NS	NS	0.39	NS	0.37	0.49	0.63	NS	0.8
	9-Jul-13	5.1	NS	0.087	U	0.68	NS	0.59	NS	1.1	1.0	NS
	18-Oct-13	NS	1.7	NS	NS	1.9	NS	2.0	2.6	1.5	NS	1.9
	9-Jan-14	2.7	NS	2.0	2.6	NS	2.8	NS	NS	6.2	5.5	NS
	24-Apr-14	NS	0.087	U	NS	0.087	U	NS	0.087	U	0.092	0.087
	1-Aug-14	1.7	NS	0.84	0.65	NS	NS	NS	NS	0.45	0.85	NS
	27-Aug-14	NS	NS	NS	NS	0.96	NS	NS	NS	NS	NS	
	12-Sept-14 (resample)	NS	NS	NS	NS	NS	NS	NS	0.79	NS	NS	U
	22-Oct-14	NS	0.13	U	NS	0.13	U	0.13	U	0.15	0.13	0.27
	20-Jan-15	0.400	NS	0.087	U	0.096	NS	0.087	U	NS	0.24	0.29
	30-Mar-15 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.29	NS
	22-Apr-15	NS	0.22	NS	NS	0.12	NS	0.26	0.21/0.24	0.44	NS	0.53
	21-Jul-15	0.54	NS	0.590 ^j	4	U	NS	0.56	NS	0.65 ^o	0.90 ^o	NS
	23-Sept-15 resample	NS	NS	NS	NS	NS	NS	0.41	NS	NS	NS	
	29-Oct-15	NS	0.2	U	NS	0.14 ^j	NS	0.22 ^j	0.28	0.27	NS	0.33
	4-Dec-15 resample	NS	0.2	U	NS	NS	NS	NS	NS	NS	NS	
	27-Jan-16	0.63	NS	0.087	0.12	NS	0.12	NS	NS	0.51	0.54	NS
	20-Apr-16	NS	0.3	NS	NS	0.39	NS	0.56	0.34	0.71	NS	0.61
	20-Jul-16	5.8	NS	0.75	0.43	U	NS	0.5	NS	2.7	1.1	NS
	21-Oct-16	NS	0.14	NS	NS	0.35	NS	0.24	0.62	1.2	NS	0.52
	31-Jan-17	0.56	NS	0.16	0.17	NS	0.14	NS	NS	0.86	0.61	NS
	17-Apr-17	NS	0.13	U	NS	0.13	U	0.13	U	0.17	NS	0.17
	26-Jul-17	0.53	NS	0.27	0.21	NS	0.38	NS	NS	0.4	0.35	NS
	12-Oct-17	NS	0.16	NS	NS	0.2	NS	0.26	U	0.36	0.32	NS
	10-Jan-18	0.5	NS	0.11	0.22	NS	0.19	NS	NS	0.94	NS	0.4
	11-Apr-18	NS	0.13	NS	NS	0.87	U	0.87	U	0.37	NS	0.87
	23-May-18	NS	NS	NS	NS	NS	NS	NS	NS	0.19	NS	
	27-Jul-18	0.43	U	NS	0.43	U	NS	0.43	U	0.43	U	NS

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	2.46	U	NS	NS	NS	NS	NS	2.46	U	2.46	U
	27-Mar-08	NS		2.46	U	NS	NS	NS	NS	NS	2.46	U
	25-Apr-08	NS		NS	U	2.46	U	NS	2.46	U	2.46	U
	29-May-08	NS		NS	U	NS	2.46	U	NS	2.46	U	2.46
	27-Jun-08	3.83	U	NS	NS	NS	2.46	U	NS	2.46	U	2.46
	31-Jul-08	NS		2.46	U	NS	NS	NS	NS	2.46	U	2.46
	28-Aug-08	NS		NS	U	2.46	U	NS	2.46	U	2.46	U
	30-Sep-08	NS		NS	U	4.9	U	NS	NS	4.9	U	4.9
	27-Oct-08	5.2		NS	U	NS	4.9	U	NS	NS	4.9	U
	25-Nov-08	NS		4.9	U	NS	4.9	U	NS	5.9	U	4.9
	18-Dec-08	NS		NS	U	4.9	U	NS	4.9	U	4.9	U
	21-Jan-09	NS		NS	U	4.9	U	NS	4.9	U	4.9	U
	25-Feb-09	4.9	U	NS	NS	NS	4.9	U	NS	4.9	U	NS
	26-Mar-09	NS		12.3	U	NS	NS	24.6	U	NS	24.6	U
	29-Apr-09	NS		NS	U	2.46	U	NS	2.46	U	NS	2.46
	22-Jul-09	12.3	U	NS	U	12.3	U	24.6	U	NS	3.78	U
	9-Oct-09	NS		2.74	U	NS	NS	2.46	U	513	U	2.46
	15-Jan-10	2.46	U	NS	U	2.46	U	NS	2.46	U	2.46	U
	21-Apr-10	NS		2.46	U	NS	12.3	U	NS	12.3	U	2.46
	16-Jul-10	2.46	U	NS		2.66	U	NS	18.5	U	NS	2.46
	15-Oct-10	NS		2.46	U	NS		2.46	U	2.46	U	2.46
	26-Jan-11	24.6	U	2.46	U	NS	2.46	U	NS	12.3	U	12.3
	28-Feb-11	NS		NS	U	24.6	U	NS	NS	NS	NS	NS
	27-Apr-11	NS		2.46	U	NS	NS	2.46	U	2.46	U	2.46
	26-Jul-11	8.21	U	NS	U	8.21	U	2.46	U	12.3	U	12.3
	28-Oct-11	NS		6.2	U	NS	6.2	U	6.2	U	6.2	U
	23-Jan-12	1.2	U	NS	U	1.2	U	0.25	U	1.2	U	1.4
	13-Apr-12	NS		1.2	U	NS	NS	1.2	U	1.2	U	1.2
Isopropylbenzene	2-Jul-12 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS
	23-Jun-12	1.2	U	NS	U	1.2	U	NS	1.2	U	1.2	U
	1-Nov-12	NS		0.25	U	NS	0.25	U	0.25	U	0.25	U
	1-Feb-13	0.25	U	NS	U	0.25	U	NS	0.25	U	0.25	U
	29-Apr-13	NS		0.62	U	NS	0.25	U	0.25	U	0.25	U
	9-Jul-13	0.37	U	NS	U	0.25	U	NS	0.25	U	0.25	U
	18-Oct-13	NS		0.25	U	NS	0.25	U	0.25	U	0.25	U
	9-Jan-14	0.25	U	NS	U	0.25	U	NS	0.25	U	0.49	NS
	24-Apr-14	NS		0.25	U	NS	0.25	U	0.25	U	0.25	U
	1-Aug-14	0.25		NS	U	0.37	U	NS	NS	0.25	U	NS
	27-Aug-14	NS		NS	NS	NS	NS	0.25	U	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	NS	NS	NS	NS	NS	0.37	U	NS
	22-Oct-14	NS		0.37	U	NS	0.37	U	0.37	U	0.37	U
	20-Jan-15	0.25	U	NS	U	0.25	U	NS	0.25	U	0.25	U
	30-Mar-15 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	0.28	U
	22-Apr-15	NS		0.26	U	NS	0.25	U	0.25	U	0.25	U
	21-Jul-15	0.140 ^j		NS	U	1	U	5	U	0.19 ^j	NS	0.21 ^{j,o}
	23-Sept-15 resample	NS		NS	NS	NS	NS	NS	NS	0.2	U	0.20 ^{j,o}
	29-Oct-15	NS		0.3	U	NS	0.3	U	0.4	U	0.2	U
	4-Dec-15 resample	NS		0.2	U	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	0.25	U	NS	U	0.25	U	NS	0.25	U	0.25	U
	20-Apr-16	NS		0.25	U	NS	0.25	U	0.25	U	0.25	U
	20-Jul-16	1.2	U	NS	U,M,W	1.2	U	NS	1.2	U	1.2	U
	21-Oct-16	NS		0.25	U	NS	0.25	U	0.25	U	0.25	U
	31-Jan-17	0.25	U	NS	U	0.25	U	0.25	U	0.25	U	0.25
	17-Apr-17	NS		0.37	U	NS	0.37	U	0.37	U	0.37	U
	26-Jul-17	0.25	U	NS	U	0.25	U	NS	0.25	U	0.25	U
	12-Oct-17	NS		0.25	U	NS	0.25	U	0.76	U	0.62	U
	10-Jan-18	0.25	U	NS	U	0.25	U	NS	0.71	U	0.62	U
	11-Apr-18	NS		0.25	U	NS	2.5	U	2.5	U	0.25	U
	23-May-18	NS		NS	U	NS	NS	NS	NS	NS	0.37	U
	27-Jul-18	1.2	U	NS	U	1.2	U	NS	1.2	U	1.2	U

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	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	2.74	U	NS	NS	NS	NS	NS	2.74	U	2.74	U
	27-Mar-08	NS	U	2.74	U	1.2	NS	NS	NS	NS	2.74	U
	25-Apr-08	NS	U	NS	2.74	U	NS	NS	2.74	U	2.74	U
	29-May-08	NS	U	NS	NS	2.74	U	NS	NS	2.74	U	2.74
	27-Jun-08	4.27	U	NS	NS	NS	U	NS	NS	NS	2.74	U
	31-Jul-08	NS	U	2.74	U	NS	NS	NS	NS	2.74	U	2.74
	28-Aug-08	NS	U	NS	2.74	U	NS	NS	2.74	U	2.74	U
	30-Sep-08	NS	U	NS	5.5	U	NS	NS	5.5	U	5.5	U
	27-Oct-08	12.5	U	NS	NS	5.5	U	NS	NS	18.5	NS	5.5
	25-Nov-08	NS	U	5.5	U	NS	NS	NS	NS	5.5	U	NS
	18-Dec-08	NS	U	NS	5.5	U	NS	NS	5.5	U	5.5	U
	21-Jan-09	NS	U	NS	5.5	U	NS	NS	5.5	U	5.5	U
	25-Feb-09	5.5	U	NS	NS	5.5	U	NS	NS	5.5	U	NS
	26-Mar-09	NS	U	13.7	U	NS	NS	27.4	U	NS	2.74	U
	29-Apr-09	NS	U	NS	2.74	U	NS	NS	2.74	U	NS	2.74
	22-Jul-09	13.7	U	NS	13.7	U	27.4	U	13.7	U	2.74	U
	9-Oct-09	NS	U	2.74	U	NS	2.74	U	2.74	U	NS	2.74
	15-Jan-10	2.72	U	NS	2.74	U	NS	2.74	U	NS	2.74	U
	21-Apr-10	NS	U	2.74	U	NS	13.7	U	NS	13.7	U	2.74
	16-Jul-10	2.74	U	NS	2.74	U	NS	20.7	U	NS	2.74	NS
	15-Oct-10	NS	U	2.74	U	NS	2.74	U	2.74	U	NS	2.74
	26-Jan-11	27.4	U	2.74	U	NS	2.74	U	13.7	U	13.7	U
	28-Feb-11	NS	U	NS	27.4	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS	U	2.74	U	NS	2.74	U	NS	2.74	U	2.74
	26-Jul-11	9.17	U	NS	9.17	U	2.74	U	13.7	U	NS	13.7
	28-Oct-11	NS	U	6.3	U	NS	6.3	U	6.3	U	6.3	U
	23-Jan-12	1.3	U	NS	1.3	U	1.3	U	1.3	U	1.3	U
	13-Apr-12	NS	U	1.3	U	NS	1.3	U	1.3	U	1.3	U
p-Isopropyltoluene	2-Jul-12 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	NS	6.3	U
	23-Jun-12	1.3	U	NS	1.3	U	1.3	U	1.3	U	1.3	U
	1-Nov-12	NS	U	0.25	U	NS	0.25	U	0.27	U	0.25	NS
	1-Feb-13	0.25	U	NS	0.25	U	0.25	U	0.25	U	0.25	U
	29-Apr-13	NS	U	0.63	U	NS	0.25	U	0.25	U	NS	0.25
	9-Jul-13	0.38	U	NS	0.28	U	0.29	NS	NS	0.36	0.53	NS
	18-Oct-13	NS	U	0.38	NS	NS	0.25	U	0.25	U	0.25	0.54
	9-Jan-14	0.25	U	NS	0.33	0.040	NS	0.25	U	NS	1.2	NS
	24-Apr-14	NS	U	0.25	U	NS	0.25	U	0.25	U	0.25	0.54
	1-Aug-14	0.70	NS	0.88	1.4	NS	NS	NS	NS	0.45	0.61	NS
	27-Aug-14	NS	NS	NS	NS	NS	0.38	NS	NS	NS	NS	NS
	12-Sept-14 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	22-Oct-14	NS	U	0.38 ^L	U	NS	0.38 ^L	U	0.38 ^L	U	0.38 ^L	U
	20-Jan-15	0.25	U	NS	0.25	U	0.25	U	0.25	U	0.38	0.51
	30-Mar-15 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.28	U
	22-Apr-15	NS	U	0.26	U	NS	0.25	U	0.25	U	0.25	0.29
	21-Jul-15	0.3	U	NS	1	U	6	U	0.16 ^J	NS	0.15 ^{J,O}	U
	23-Sept-15 resample	NS	NS	NS	NS	NS	NS	NS	NS	0.34	NS	NS
	29-Oct-15	NS	U	0.3	U	NS	0.19 ^J	NS	0.5	U	0.3	NS
	4-Dec-15 resample	NS	U	0.3	U	NS	NS	NS	NS	NS	NS	0.19 ^J
	27-Jan-16	0.25	U	NS	0.25	U	0.25	U	0.25	U	0.25	U
	20-Apr-16	NS	U	0.25	U	NS	0.25	U	0.25	U	0.25	0.25
	20-Jul-16	1.3	U	NS	1.3 ^{M,W}	U	1.3	U	1.3	U	1.3	U
	21-Oct-16	NS	U	0.25	U	NS	0.25	U	0.25	U	0.25	0.25
	31-Jan-17	0.25	U	NS	0.25	U	0.25	U	0.25	U	0.43	0.42
	17-Apr-17	NS	U	0.38	U	NS	0.38	U	0.38	U	0.38	0.38
	26-Jul-17	0.25	U	NS	0.25	U	0.25	U	0.25	U	0.25	NS
	12-Oct-17	NS	U	0.25	U	NS	0.25	U	0.76	U	0.71	0.63
	10-Jan-18	0.25	U	NS	0.25	U	0.25	U	0.25	U	0.25	0.25
	11-Apr-18	NS	U	0.25	U	NS	2.5	U	2.5	U	0.25	0.25
	23-May-18	NS	U	NS	NS	NS	NS	NS	NS	NS	0.38	U
	27-Jul-18	1.3	U	NS	1.3	U	1.3	U	1.3	U	1.3	U

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	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.07	U	NS	NS	0.07	U	NS	0.14	0.07	U	NS
	27-Mar-08	NS		0.072	U	NS	0.072	U	NS	0.165		0.126
	25-Apr-08	NS		NS	0.072	U	NS	0.072	U	NS		0.079
	29-May-08	NS		NS	0.07	U	NS	0.07	U	0.07	U	NS
	27-Jun-08	0.436		NS	NS	0.072	U	NS	NS	0.072	U	0.072
	31-Jul-08	NS		0.072	U	NS	NS	NS	0.072	U	NS	0.072
	28-Aug-08	NS		NS	0.106		NS	0.072	U	0.172	U	NS
	30-Sep-08	NS		NS	1.8	U	NS	NS	1.8	U	1.8	U
	27-Oct-08	1.8	U	NS	NS	2.6		NS	NS	3.2		5.8
	25-Nov-08	NS		1.8	U	NS	1.8	U	NS	1.8	U	NS
	18-Dec-08	NS		NS	1.8	U	NS	1.8	U	1.8	U	1.8
	21-Jan-09	NS		NS	1.8	U	NS	NS	1.8	U	NS	1.8
	25-Feb-09	5.8		NS	NS	1.8	U	NS	NS	1.8	U	NS
	26-Mar-09	NS		0.36	U	NS	0.72	U	NS	NS	0.072	U
	29-Apr-09	NS		NS	0.072	U	NS	0.072	U	NS	0.072	U
	22-Jul-09	0.36	U	NS	0.36	U	0.72	U	NS	0.072	U	NS
	9-Oct-09	NS		0.072	U	NS	0.072	U	0.072	U	0.072	U
	15-Jan-10	0.079		NS	0.072	U	0.072	U	NS	0.072	U	NS
	21-Apr-10	NS		0.072	U	NS	0.36	U	NS	0.36	U	0.072
	16-Jul-10	0.072	U	NS	0.072	U	0.544	U	NS	0.072	U	NS
	15-Oct-10	NS		0.072	U	NS	0.072	U	0.072	U	0.072	U
	26-Jan-11	0.72	U	0.072	U	NS	0.072	U	0.396	U	0.36	U
	28-Feb-11	NS		NS	0.72	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS		0.072	U	NS	0.072	U	NS	0.072	U	0.072
	26-Jul-11	0.24	U	NS	0.24	U	0.072	U	0.36	U	0.072	U
	28-Oct-11	NS		1.8	U	NS	1.8	U	NS	1.8	U	1.8
	23-Jan-12	0.36	U	NS	0.36	U	0.36	U	0.36	U	0.36	U
	13-Apr-12	NS		0.36	U	NS	0.36	U	0.36	U	0.36	U
Methyl tert butyl ether (MTBE)	2-Jul-12 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	1.8	U
	23-Jun-12	0.36	U	NS	0.36	U	0.36	U	NS	0.36	U	NS
	1-Nov-12	NS		0.072	U	NS	0.072	U	NS	0.072	U	0.072
	1-Feb-13	0.072	U	NS	0.072	U	0.072	U	NS	0.072	U	NS
	29-Apr-13	NS		0.18	U	NS	0.072	U	NS	0.072	U	0.072
	9-Jul-13	0.17		NS	0.072	U	0.072	U	NS	0.072	U	NS
	18-Oct-13	NS		0.072	U	NS	0.072	U	NS	0.072	U	0.072
	9-Jan-14	0.072	U	NS	0.072	U	0.072	U	NS	0.072	U	NS
	24-Apr-14	NS		0.072	U	NS	0.072	U	NS	0.072	U	0.11
	1-Aug-14	0.072	U	NS	0.11	U	0.12		NS	0.072	U	NS
	27-Aug-14	NS		NS	NS	NS	0.072	U	NS	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	NS	NS	NS	NS	NS	0.11	U	NS
	22-Oct-14	NS		0.11	U	NS	0.11	U	0.11	U	0.11	U
	20-Jan-15	0.072	U	NS	0.072	U	0.072	U	NS	0.11	U	0.072
	30-Mar-15 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	0.081	U
	22-Apr-15	NS		0.074 ^v	U	NS	0.072 ^v	U	NS	0.10	U	0.072
	21-Jul-15	0.2	U	NS	0.7	U	4	U	0.2	U	0.200 ^o	U
	23-Sept-15 resample	NS		NS	NS	NS	NS	NS	NS	0.2	U	NS
	29-Oct-15	NS		0.2	U	NS	0.2	U	0.3	U	0.2	U
	4-Dec-15 resample	NS		0.2	U	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	0.072	U	NS	0.072	U	0.072	U	NS	NS	0.072	U
	20-Apr-16	NS		0.072	U	NS	0.072	U	NS	0.072	U	0.072
	20-Jul-16	0.36	U	NS	0.46		0.36	U	NS	0.36	U	0.36
	21-Oct-16	NS		0.072	U	NS	0.072	U	NS	0.072	U	0.072
	31-Jan-17	0.072	U	NS	0.072	U	0.072	U	NS	0.072	U	NS
	17-Apr-17	NS		0.11	U	NS	0.11	U	0.11	U	0.11	U
	26-Jul-17	0.072	U	NS	0.072	U	0.072	U	NS	0.072	U	NS
	12-Oct-17	NS		0.072	U	NS	0.072	U	NS	0.22	U	0.18
	10-Jan-18	0.072	U	NS	0.072	U	0.072	U	NS	0.072	U	0.072
	11-Apr-18	NS		0.072	U	NS	0.72	U	NS	0.72	U	0.72
	23-May-18	NS		NS	NS	NS	NS	NS	NS	NS	0.11	U
	27-Jul-18	0.36	U	NS	0.36	U	0.36	U	NS	0.36	U	NS

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	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	2.34	NS	NS	NS	1.74	U	NS	NS	1.74	U	1.74
	27-Mar-08	NS	1.74	U	NS	NS	2.87	NS	NS	2.1	U	1.74
	25-Apr-08	NS	NS	U	1.74	U	NS	1.74	U	NS	U	1.74
	29-May-08	NS	NS	U	NS	1.74	U	NS	1.74	U	1.74	U
	27-Jun-08	4.33	U	NS	NS	NS	3.69	NS	NS	2.78	U	2.78
	31-Jul-08	NS	1.74	U	NS	NS	NS	NS	1.74	U	1.74	U
	28-Aug-08	NS	NS	U	1.74	U	NS	1.74	U	1.74	U	NS
	30-Sep-08	NS	NS	U	1.7	U	NS	NS	1.7	U	1.7	U
	27-Oct-08	1.7	U	NS	NS	1.7	U	NS	NS	1.7	U	1.7
	25-Nov-08	NS	1.7	U	NS	NS	1.7	U	NS	1.7	U	NS
	18-Dec-08	NS	NS	U	1.7	U	NS	1.7	U	1.7	U	1.7
	21-Jan-09	NS	NS	U	1.7	U	NS	NS	1.7	U	NS	1.7
	25-Feb-09	1.7	U	NS	NS	1.7	U	NS	NS	1.7	U	NS
	26-Mar-09	NS	16.1	U	NS	NS	17.4	U	NS	NS	1.74	U
	29-Apr-09	NS	NS	U	1.74	U	NS	1.74	U	NS	1.74	U
	22-Jul-09	86.8	U	NS	8.68	U	17.4	U	8.68	U	1.74	U
	9-Oct-09	NS	1.74	U	NS	NS	1.74	U	1.74	U	NS	1.74
	15-Jan-10	1.74	U	NS	1.74	U	NS	1.74	U	1.74	U	NS
	21-Apr-10	NS	1.74	U	NS	NS	0.868	U	NS	8.68	U	1.74
	16-Jul-10	24	NS	21.5	U	19.5	NS	26.2	U	NS	27.1	NS
	15-Oct-10	NS	3.47	U	NS	NS	3.47	U	NS	3.47	U	3.47
	26-Jan-11	34.7	U	3.47	U	NS	3.47	U	0.404	U	17.4	U
	28-Feb-11	NS	NS	U	34.7	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS	3.47	U	NS	NS	3.47	U	NS	3.47	U	3.47
	26-Jul-11	11.6	U	NS	11.6	U	3.47	U	17.4	U	NS	5.7
	28-Oct-11	NS	17	U	NS	17	U	NS	17	U	140	NS
	23-Jan-12	3.5	U	NS	3.5	U	NS	3.5	U	NS	3.5	U
	13-Apr-12	NS	4.6	NS	NS	7.3	NS	3.5	U	4.6	3.9	NS
Methylene chloride	2-Jul-12 (resample)	NS	NS	U	NS	NS	NS	NS	NS	NS	17	U
	23-Jun-12	3.5	U	NS	3.5	U	NS	3.5	U	NS	3.5	U
	1-Nov-12	NS	0.74	NS	NS	1.1	NS	0.69	U	1.1	0.69	NS
	1-Feb-13	2	NS	0.93	U	1.6	NS	1.1	NS	0.9	2.1	NS
	29-Apr-13	NS	1.7	U	NS	NS	1.4	NS	0.93	1.8	1.1	1.4
	9-Jul-13	1.8	NS	25	U	1.2	NS	1.1	NS	31	3.6	NS
	18-Oct-13	NS	0.69	U	NS	0.69	U	0.69	U	0.77	0.69	0.74
	9-Jan-14	0.85	NS	0.69	U	0.69	U	0.69	U	NS	0.69	NS
	24-Apr-14	NS	0.90	NS	NS	6.7	NS	2.8	NS	1.5	0.69	U
	1-Aug-14	1.0	NS	1.7	U	1.7	NS	NS	NS	1.1	1.1	NS
	27-Aug-14	NS	NS	NS	NS	NS	2.9	NS	NS	NS	NS	NS
	12-Sept-14 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	1.2	NS	NS
	22-Oct-14	NS	1.7	NS	NS	1.0	U	1.7	1.4	1.0	2.0	3.0
	20-Jan-15	33	NS	27	NS	25	NS	31	NS	NS	32	0.69
	30-Mar-15 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	NS	40	NS
	22-Apr-15	NS	0.85 v	NS	NS	NS	1.00 v	NS	0.73	2.5/2.3	1.0	1.3
	21-Jul-15	2.1	NS	3.5	NS	3.1 ^j	NS	1.5	NS	NS	1.7 ^o	2.4 ^o
	23-Sept-15 resample	NS	NS	NS	NS	NS	NS	NS	NS	2.4	NS	NS
	29-Oct-15	NS	1.6	NS	NS	1.4	NS	3.6	NS	2.7	2	NS
	4-Dec-15 resample	NS	1.6	NS	NS	NS	NS	NS	NS	NS	NS	4.7
	27-Jan-16	2.3	NS	0.69	U	0.69	U	0.69	U	NS	0.69	U
	20-Apr-16	NS	0.69	U	NS	0.69	U	1.7	0.69	4.4	NS	0.86
	20-Jul-16	3.5	U	NS	3.5	U	NS	3.5	U	NS	3.5	8.6
	21-Oct-16	NS	0.69	U	NS	4.6	NS	0.69	U	2.3	1.1	NS
	31-Jan-17	0.69	U	NS	0.8	0.69	U	0.69	U	NS	0.69	U
	17-Apr-17	NS	1	U	NS	1	U	1	U	1	1	U
	26-Jul-17	0.69	U	NS	0.69	U	0.69	U	NS	0.69	U	0.69
	12-Oct-17	NS	0.79	NS	NS	0.92	NS	2.1	U	2.8	2	NS
	10-Jan-18	0.78	NS	0.69	U	0.69	U	1.1	NS	NS	1.1	NS
	11-Apr-18	NS	0.69	U	NS	6.9 ^d	U	6.9 ^d	U	8.8 ^d	1.7	NS
	23-May-18	NS	NS	NS	NS	NS	NS	NS	NS	NS	1	NS
	27-Jul-18	3.5	U	NS	3.5	U	NS	3.5	U	NS	3.5	NS

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
4-Methyl-2-pentanone	8-Feb-08	2.05	U	NS	NS	NS	NS	NS	2.05	U	8.7	NS
	27-Mar-08	NS		2.05	U	NS	NS	NS	NS		2.05	U
	25-Apr-08	NS		NS	U	NS	NS	NS	2.05	U	2.05	U
	29-May-08	NS		NS	U	NS	NS	NS	2.05	U	2.05	U
	27-Jun-08	3.19	U	NS	U	NS	NS	NS	NS	U	2.05	U
	31-Jul-08	NS		2.05	U	NS	NS	NS	NS	U	2.05	U
	28-Aug-08	NS		NS	U	NS	NS	NS	2.05	U	2.05	U
	30-Sep-08	NS		NS	U	2	U	NS	NS	U	2	U
	27-Oct-08	2	U	NS	U	NS	2	U	NS	U	2	U
	25-Nov-08	NS		3.5	U	NS	NS	NS	2	U	2	U
	18-Dec-08	NS		NS	U	2	U	NS	2	U	2	U
	21-Jan-09	NS		NS	U	2	U	NS	2	U	2	U
	25-Feb-09	2	U	NS	U	NS	2	U	NS	2	U	NS
	26-Mar-09	NS		10.2	U	NS	NS	NS	20.5	U	2.05	U
	29-Apr-09	NS		NS	U	2.05	U	NS	2.05	U	2.05	U
	22-Jul-09	10.2	U	NS	U	10.2	U	NS	10.2	U	2.05	U
	9-Oct-09	NS		2.05	U	NS	NS	NS	2.05	U	NS	2.05
	15-Jan-10	2.05	U	NS	U	2.05	U	NS	2.05	U	2.05	U
	21-Apr-10	NS		2.05	U	NS	NS	NS	10.2	U	2.05	U
	16-Jul-10	2.05	U	NS	U	2.05	U	NS	15.4	U	2.05	U
	15-Oct-10	NS		2.05	U	NS	NS	NS	2.05	U	2.05	U
	26-Jan-11	20.5	U	NS	U	2.05	U	NS	10.2	U	10.2	U
	28-Feb-11	NS		NS	U	20.5	U	NS	NS	U	NS	NS
	27-Apr-11	NS		2.05	U	NS	NS	NS	2.05	U	2.05	U
	26-Jul-11	6.84	U	NS	U	0.684	U	NS	10.2	U	2.05	U
	28-Oct-11	NS		2	U	NS	U	NS	2	U	2	U
	23-Jan-12	0.41	U	NS	U	0.44	U	NS	0.41	U	0.41	U
	13-Apr-12	NS		0.41	U	NS	NS	NS	0.41	U	0.41	U
	2-Jul-12 (resample)	NS		NS	U	NS	NS	NS	NS	U	2	U
	23-Jun-12	0.41	U	NS	U	0.41	U	NS	0.41	U	0.46	NS
	1-Nov-12	NS		0.89	U	NS	NS	NS	0.9	U	1.1	NS
	1-Feb-13	0.12		NS	U	0.082	U	NS	0.095	U	0.082	U
	29-Apr-13	NS		0.2	U	NS	NS	NS	0.21	U	0.86	NS
	9-Jul-13	0.66		NS	U	0.55	U	NS	0.51	NS	0.92	NS
	18-Oct-13	NS		1.8	U	NS	NS	NS	2.7	U	3.0	NS
	9-Jan-14	0.18		NS	U	0.15	U	NS	0.082	U	0.21	NS
	24-Apr-14	NS		0.087	U	NS	NS	NS	0.21	U	0.32	0.66
	1-Aug-14	0.64		NS	U	1.0/0.74	1.1/0.86	NS	NS	U	1.30	NS
	27-Aug-14	NS		NS	U	NS	NS	NS	2.4	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	U	NS	NS	NS	NS	U	0.44	NS
	22-Oct-14	NS		0.13	U	NS	NS	NS	0.12	U	0.26	0.73
	20-Jan-15	0.087		NS	U	0.085	U	NS	0.12	U	0.12	U
	30-Mar-15 (resample)	NS		NS	U	NS	NS	NS	0.088	U	0.35	NS
	22-Apr-15	NS		0.57	U	NS	NS	NS	NS	U	0.77	NS
	21-Jul-15	0.2	U	NS	U	0.8	U	NS	0.2	U	1.4°	2.7°
	23-Sept-15 resample	NS		NS	U	NS	NS	NS	0.2	U	NS	NS
	29-Oct-15	NS		0.2	U	NS	NS	NS	0.3	U	0.97	0.42
	4-Dec-15 resample	NS		0.2	U	NS	NS	NS	0.2	U	NS	NS
	27-Jan-16	0.082	U	NS	U	0.082	U	NS	0.082	U	0.61	0.88
	20-Apr-16	NS		0.082	U	NS	NS	NS	0.084	U	0.7	0.74
	20-Jul-16	0.41	U	NS	U	1.2	U	NS	0.59	U	2.4	1.7
	21-Oct-16	NS		0.49	U	NS	NS	NS	0.56	U	0.64	NS
	31-Jan-17	0.1		NS	U	0.085	U	NS	0.082	U	0.32	0.83
	17-Apr-17	NS		0.12	U	NS	NS	NS	0.17	U	0.41	0.71
	26-Jul-17	0.64		NS	U	0.86	U	NS	0.76	U	1.1	NS
	12-Oct-17	NS		0.15	U	NS	NS	NS	0.82	U	0.25	0.48
	10-Jan-18	0.084		NS	U	0.082	U	NS	0.082	U	0.15	NS
	11-Apr-18	NS		0.082	U	NS	NS	NS	0.82	U	0.28	0.39
	23-May-18	NS		NS	U	NS	NS	NS	0.82	U	NS	0.55
	27-Jul-18	0.41	U	NS	U	0.41	U	NS	0.41	U	1.4	0.87

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	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
Styrene	8-Feb-08	0.09	U	NS	NS	NS	NS	NS	0.3	3.15	NS	
	27-Mar-08	NS		0.1	NS	NS	0.177	NS	NS	0.206	0.404	
	25-Apr-08	NS		NS	0.244	NS	NS	1.07	NS	NS	0.351	
	29-May-08	NS		NS	0.17	NS	NS	NS	0.36	0.27	NS	
	27-Jun-08	0.732		NS	NS	0.354	NS	NS	NS	0.598	0.59	
	31-Jul-08	NS		0.276	NS	NS	NS	NS	0.255	NS	0.17	
	28-Aug-08	NS		NS	1.22	NS	NS	0.754	NS	1.01	NS	
	30-Sep-08	NS		NS	2.1	U	NS	NS	2.1	U	2.1	U
	27-Oct-08	2.1	U	NS	NS	2.1	U	NS	2.1	U	2.1	U
	25-Nov-08	NS		2.1	U	NS	2.1	U	NS	2.1	U	2.1
	18-Dec-08	NS		NS	2.1	U	NS	2.1	U	2.1	U	2.1
	21-Jan-09	NS		NS	2.1	U	NS	NS	2.1	U	NS	2.1
	25-Feb-09	2.1	U	NS	NS	2.1	U	NS	2.1	U	NS	
	26-Mar-09	NS		0.851	U	NS	1.7	U	NS	0.292	0.361	
	29-Apr-09	NS		0.174	U	NS	0.085	U	NS	0.098	NS	0.243
	22-Jul-09	0.426	U	NS	0.426	U	0.426	U	NS	0.6	0.149	NS
	9-Oct-09	NS		0.085	U	NS	0.098	U	0.085	U	0.153	NS
	15-Jan-10	0.106		NS	0.119	0.089	NS	0.098	NS	0.128	0.221	NS
	21-Apr-10	NS		0.085	U	NS	0.426	U	0.426	U	0.481	0.579
	16-Jul-10	0.57		NS	0.911	0.66	NS	0.643	U	NS	0.34	0.864
	15-Oct-10	NS		0.698	NS	NS	1.12	NS	0.779	0.919	0.877	NS
	26-Jan-11	0.851	U	0.162	NS	0.179	NS	0.426	U	NS	0.426	0.617
	28-Feb-11	NS		NS	0.851	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS		0.311	NS	NS	0.302	NS	0.366	0.4	0.753	0.749
	26-Jul-11	0.724		NS	0.779	0.868	NS	0.788	U	NS	1.23	0.681
	28-Oct-11	NS		2.1	U	NS	2.1	U	2.1	U	2.1	U
	23-Jan-12	0.84		NS	0.43	U	0.43	U	NS	0.46	16	NS
	13-Apr-12	NS		0.43	U	NS	0.43	U	0.43	U	0.43	0.43
	2-Jul-12 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	2.1	U
	23-Jun-12	1.7		NS	1.4	1.9	NS	1.9	NS	2.4	2.6	NS
	1-Nov-12	NS		0.14	NS	0.15	NS	0.46	0.17	0.3	NS	0.34
	1-Feb-13	0.085	U	NS	0.085	0.085	U	0.085	U	NS	0.22	0.26
	29-Apr-13	NS		0.22	NS	NS	0.27	NS	0.3	0.36	0.53	NS
	9-Jul-13	0.43		NS	0.60	0.39	NS	0.43	NS	0.12	0.48	NS
	18-Oct-13	NS		0.25	NS	NS	0.26	NS	0.35	0.35	0.50	0.57
	9-Jan-14	0.10		NS	0.10	0.12	NS	0.14	NS	0.44	0.53	NS
	24-Apr-14	NS		0.085	NS	NS	0.085	U	0.085	U	0.21	0.28
	1-Aug-14	0.32		NS	0.64	2.8/3.8	NS	NS	NS	0.45	0.51	NS
	27-Aug-14	NS		NS	NS	NS	2.7/2.9	NS	NS	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	NS	NS	NS	NS	0.81	NS	NS	U
	22-Oct-14	NS		0.13	U	NS	0.13	U	0.18	0.13	1.1	0.98
	20-Jan-15	0.085	U	NS	0.085	U	0.085	U	NS	0.67	0.085	U
	30-Mar-15 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	1.4	NS
	22-Apr-15	NS		0.098	NS	NS	0.085	U	0.099	0.12	1.6	NS
	21-Jul-15	0.160 ^j		NS	0.460 ^j	4	U	0.23 ^j	NS	NS	1.3 ^b	2.9 ^b
	23-Sept-15 resample	NS		NS	NS	NS	NS	NS	0.13 ^j	NS	NS	NS
	29-Oct-15	NS		0.2	U	NS	0.21 ^j	NS	0.4	0.2	0.71	NS
	4-Dec-15 resample	NS		0.2	U	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	0.085	U	NS	0.085	U	0.085	U	NS	NS	1.3	3.7
	20-Apr-16	NS		0.085	U	NS	0.09	NS	0.13	0.085	1.5	0.52
	20-Jul-16	0.79 ^l	L	NS	0.88 ^l	0.97 ^l	NS	1 ^l	NS	NS	3.9 ^l	5.9 ^l
	21-Oct-16	NS		0.12	NS	NS	0.18	NS	0.17	0.22	3.2	NS
	31-Jan-17	0.085	U	NS	0.085	U	0.085	U	NS	0.97	2.8	NS
	17-Apr-17	NS		0.13	U	NS	0.13	NS	0.15	0.41	0.68	0.61
	26-Jul-17	0.18		NS	0.22	0.21	NS	0.32	NS	0.53	2.3	NS
	12-Oct-17	NS		0.14	NS	NS	0.17	NS	0.26	U	0.43	0.79
	10-Jan-18	0.085	U	NS	0.085	U	0.085	U	NS	NS	0.18	0.82
	11-Apr-18	NS		0.085	U	NS	0.85	U	0.85	U	0.085	0.85
	23-May-18	NS		NS	NS	NS	NS	NS	NS	NS	0.42	NS
	27-Jul-18	0.43	U	NS	0.43	U	0.43	U	NS	NS	0.68	U

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	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
1,1,1,2-Tetrachloroethane	8-Feb-08	0.14	U	NS	NS	0.14	U	NS	0.14	U	0.14	U
	27-Mar-08	NS		0.137	U	NS	0.137	U	NS	NS	0.137	U
	25-Apr-08	NS		NS	0.137	U	NS	0.137	U	NS	0.137	U
	29-May-08	NS		NS	0.137	U	NS	0.137	U	0.14	U	NS
	27-Jun-08	0.214	U	NS	NS	NS	0.137	U	NS	NS	0.137	U
	31-Jul-08	NS		0.137	U	NS	NS	NS	NS	0.137	U	0.137
	28-Aug-08	NS		NS	0.137	U	NS	NS	0.137	U	0.137	U
	30-Sep-08	NS		NS	0.14	U	NS	NS	0.14	U	0.14	U
	27-Oct-08	0.14	U	NS	NS	0.14	U	NS	NS	0.14	U	0.14
	25-Nov-08	NS		0.14	U	NS	NS	0.14	U	0.14	U	NS
	18-Dec-08	NS		NS	0.14	U	NS	NS	0.14	U	0.14	U
	21-Jan-09	NS		NS	0.19		NS	NS	0.14	U	NS	0.14
	25-Feb-09	0.14	U	NS	NS	0.14	U	NS	NS	0.14	U	NS
	26-Mar-09	NS		0.686	U	NS	NS	1.37	U	NS	NS	0.137
	29-Apr-09	NS		NS	0.137	U	NS	NS	0.137	U	NS	0.137
	22-Jul-09	0.686	U	NS	28	U	1.37	U	0.686	U	NS	0.137
	9-Oct-09	NS		0.137	U	NS	NS	0.137	U	28.6	U	0.137
	15-Jan-10	0.109	U	NS	0.137	U	1.37	U	NS	NS	0.137	U
	21-Apr-10	NS		0.137	U	NS	0.686	U	NS	0.686	U	0.137
	16-Jul-10	0.137	U	NS	0.137	U	NS	1.04	U	NS	0.137	U
	15-Oct-10	NS		0.137	U	NS	0.137	U	0.137	U	0.137	U
	26-Jan-11	1.37	U	0.137	U	NS	0.137	U	0.686	U	0.686	U
	28-Feb-11	NS		NS	1.37	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS		0.137	U	NS	0.137	U	NS	0.137	U	0.137
	26-Jul-11	0.458	U	NS	0.458	U	0.137	U	0.687	U	NS	0.687
	28-Oct-11	NS		6.2	U	NS	6.2	U	6.2	U	6.2	U
	23-Jan-12	1.2	U	NS	1.2	U	1.2	U	NS	NS	1.2	U
	13-Apr-12	NS		1.2	U	NS	NS	1.2	U	1.2	U	1.2
	2-Jul-12 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS
	23-Jun-12	1.2	U	NS	1.2	U	1.2	U	NS	NS	1.2	U
	1-Nov-12	NS		0.25	U	NS	0.25	U	0.25	U	0.25	U
	1-Feb-13	0.25	U	NS	0.25	U	0.25	U	NS	NS	0.25	U
	29-Apr-13	NS		0.62	U	NS	0.25	U	NS	0.25	U	0.25
	9-Jul-13	0.37	U	NS	0.25	U	0.25	U	NS	NS	0.25	U
	18-Oct-13	NS		0.25	U	NS	0.25	U	0.25	U	0.25	U
	9-Jan-14	0.25	U	NS	0.25	U	0.25	U	NS	NS	0.25	U
	24-Apr-14	NS		0.25	U	NS	0.25 ^L	U	NS	0.25 ^L	U	0.25
	1-Aug-14	0.25	U	NS	0.37	U	0.37	U	NS	NS	0.25	U
	27-Aug-14	NS		NS	NS	NS	NS	0.25	U	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	NS	NS	NS	NS	NS	0.37	U	NS
	22-Oct-14	NS		0.37	U	NS	0.37	U	0.37	U	0.37	U
	20-Jan-15	0.25	U	NS	0.25	U	0.25	U	NS	NS	0.25	U
	30-Mar-15 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	0.28	U
	22-Apr-15	NS		0.29	U	NS	0.25	U	0.25	U	0.25	U
	27-Jan-16	0.25	U	NS	0.25	U	0.25	U	NS	NS	0.25	U
	20-Apr-16	NS		0.25	U	NS	0.25	U	0.25	U	0.25	U
	20-Jul-16	1.2	U	NS	1.2	U	1.2	U	NS	NS	1.2	U
	21-Oct-16	NS		0.25	U	NS	0.25	U	0.25	U	0.25	U
	31-Jan-17	0.25	U	NS	0.25	U	0.25	U	NS	NS	0.25	U
	17-Apr-17	NS		0.37	U	NS	0.37	U	0.37	U	0.37	U
	26-Jul-17	0.25	U	NS	0.25	U	0.25	U	NS	NS	0.25	U
	12-Oct-17	NS		0.25	U	NS	0.25	U	0.76	U	0.62	U
	10-Jan-18	0.25	U	NS	0.25	U	0.25	U	NS	NS	0.25	U
	11-Apr-18	NS		0.25	U	NS	2.5	U	2.5	U	2.5	U
	23-May-18	NS		NS	NS	NS	NS	NS	NS	NS	0.37	U
	27-Jul-18	1.2	U	NS	1.2	U	1.2	U	NS	NS	1.2	U

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.14	U	NS	NS	0.14	U	NS	0.14	U	0.14	U
	27-Mar-08	NS		0.137	U	NS	0.137	U	NS	NS	0.137	U
	25-Apr-08	NS		NS	0.137	U	NS	0.137	U	NS	0.137	U
	29-May-08	NS		NS	NS	0.14	U	NS	0.14	U	0.14	U
	27-Jun-08	0.214	U	NS	NS	0.137	U	NS	NS	NS	0.137	U
	31-Jul-08	NS		0.137	U	NS	NS	NS	0.137	U	NS	0.137
	28-Aug-08	NS		NS	0.137	U	NS	0.137	U	0.137	U	NS
	30-Sep-08	NS		NS	0.14	U	NS	0.14	U	NS	0.14	U
	27-Oct-08	0.14	U	NS	NS	0.14	U	NS	0.14	U	NS	0.14
	25-Nov-08	NS		0.14	U	NS	0.14	U	NS	0.14	U	NS
	18-Dec-08	NS		NS	0.14	U	NS	0.14	U	NS	0.14	U
	21-Jan-09	NS		NS	0.14	U	NS	0.14	U	0.14	U	0.14
	25-Feb-09	0.14	U	NS	NS	0.14	U	NS	0.14	U	0.14	U
	26-Mar-09	NS		0.686	U	NS	1.37	U	NS	NS	0.137	U
	29-Apr-09	NS		NS	0.137	U	NS	0.137	U	NS	0.137	U
	22-Jul-09	0.686	U	NS	28	U	0.137	U	0.686	U	NS	0.137
	9-Oct-09	NS		0.137	U	NS	0.137	U	NS	0.137	U	NS
	15-Jan-10	0.109	U	NS	0.137	U	0.137	U	0.109	U	NS	0.137
	21-Apr-10	NS		0.137	U	NS	0.686	U	NS	0.686	U	0.137
	16-Jul-10	0.137	U	NS	0.137	U	0.137	U	1.04	U	NS	0.137
	15-Oct-10	NS		0.137	U	NS	0.137	U	0.137	U	0.137	U
	26-Jan-11	1.37	U	0.137	U	NS	0.137	U	0.686	U	NS	0.686
	28-Feb-11	NS		NS	1.37	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS		0.137	U	NS	0.137	U	NS	0.137	U	0.137
	26-Jul-11	0.458	U	NS	0.458	U	0.137	U	0.687	U	NS	0.687
	28-Oct-11	NS		3.4	U	NS	3.4	U	NS	3.4	U	3.4
	23-Jan-12	0.69	U	NS	0.69	U	0.69	U	0.69	U	0.69	U
	13-Apr-12	NS		0.34	U	NS	0.34	U	NS	0.34	U	0.34
1,1,2,2-Tetrachloroethane	2-Jul-12 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	1.7	U
	23-Jun-12	0.69	U	NS	0.69	U	0.69	U	0.69	U	0.69	U
	1-Nov-12	NS		0.069	U	NS	0.069	U	0.069	U	0.069	U
	1-Feb-13	0.069	U	NS	0.069	U	0.069	U	NS	0.12	0.069	U
	29-Apr-13	NS		0.17	U	NS	0.069	U	NS	0.69	U	0.069
	9-Jul-13	0.10	U	NS	0.069	U	0.069	U	0.069	U	0.010	U
	18-Oct-13	NS		0.14	U	NS	0.14	U	NS	0.14	U	0.14
	9-Jan-14	0.14	U	NS	0.14	U	0.14	U	NS	0.140	U	0.14
	24-Apr-14	NS		0.069	U	NS	0.069 ^L	U	NS	0.069 ^{L,V}	U	0.069
	1-Aug-14	0.14	U	NS	0.21	U	0.21	U	NS	0.140	U	0.14
	27-Aug-14	NS		NS	NS	NS	0.069 ^L	U	NS	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	NS	NS	NS	NS	NS	0.10	U	NS
	22-Oct-14	NS		0.10	U	NS	0.10	U	0.10	U	0.10	U
	20-Jan-15	0.069	U	NS	0.069	U	0.069	U	NS	0.10	U	0.069
	30-Mar-15 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	0.077	U
	22-Apr-15	NS		0.070	U	NS	0.069	U	NS	0.10	U	0.079
	21-Jul-15	0.3	U	NS	1	U	7	U	0.4	U	NS	NS
	23-Sept-15 resample	NS		NS	NS	NS	NS	NS	NS	0.3	U	NS
	29-Oct-15	NS		0.4	U	NS	0.4	U	NS	0.3	U	0.3
	4-Dec-15 resample	NS		0.3	U	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	0.069	U	NS	0.069	U	0.069	U	NS	0.069	U	0.069
	20-Apr-16	NS		0.069	U	NS	0.069	U	NS	0.069	U	0.069
	20-Jul-16	0.34	U	NS	0.34	U	0.34	U	NS	0.34	U	0.34
	21-Oct-16	NS		0.069	U	NS	0.069	U	0.069	U	0.069	U
	31-Jan-17	0.069	U	NS	0.069	U	0.069	U	NS	0.069	U	0.069
	17-Apr-17	NS		0.10	U	NS	0.10	U	NS	0.10	U	0.1
	26-Jul-17	0.069	U	NS	0.069	U	0.069	U	NS	0.069	U	0.069
	12-Oct-17	NS		0.069	U	NS	0.069	U	NS	0.21	U	0.45
	10-Jan-18	0.069	U	NS	0.069	U	0.069	U	0.069	U	0.2	U
	11-Apr-18	NS		0.14	U	NS	1.4	U	NS	1.4	U	1.4
	23-May-18	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS
	27-Jul-18	0.34	U	NS	0.34	U	0.34	U	NS	0.34	U	NS

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	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.35	NS	NS	NS	0.14	U	NS	NS	0.53	5.05	NS
	27-Mar-08	NS	0.888	NS	NS	0.875		NS	NS	6.99	5.25	
	25-Apr-08	NS	NS	0.322	NS	NS		0.99	NS	0.83	NS	0.867
	29-May-08	NS	NS	NS	1.36	NS		NS	0.24	0.3	3.21	NS
	27-Jun-08	1.32	NS	NS	NS	29.6		NS	NS	NS	5.08	1.8
	31-Jul-08	NS	0.667	NS	NS	NS		NS	NS	0.618	NS	0.572
	28-Aug-08	NS	NS	1.55	NS	NS		1.52	NS	1.37	6.26	NS
	30-Sep-08	NS	NS	NS	3.4	NS		NS	3.4	U	6.1	3.4
	27-Oct-08	4.2	U	NS	NS	10		NS	NS	4.2	U	4.2
	25-Nov-08	NS	21.3	NS	NS	4.6		NS	NS	3.4	U	NS
	18-Dec-08	NS	NS	3.4	U	NS		3.4	U	NS	3.4	U
	21-Jan-09	NS	NS	NS	3.4	U		NS	3.4	U	NS	3.4
	25-Feb-09	3.4	U	NS	NS	8.3		NS	NS	3.4	U	3.7
	26-Mar-09	NS	1.28	NS	NS	1.36	U	NS	NS	NS	7.11	2.08
	29-Apr-09	NS	NS	0.271	NS	NS		0.305	NS	0.237	NS	0.691
	22-Jul-09	1.63	NS	1.63	2.1	NS		3.08	NS	11.8	3.25	NS
	9-Oct-09	NS	0.556	NS	NS	2.07		NS	0.678	28.3	U	1.17
	15-Jan-10	1.31	NS	0.644	1.35	NS		0.691	NS	0.447	0.501	NS
	21-Apr-10	NS	7.2	NS	NS	31.4		NS	35.5	36.8	62.1	36.1
	16-Jul-10	12.4	NS	12.7	10.9	NS		10	NS	NS	15.4	19.2
	15-Oct-10	NS	21.9	NS	NS	37.6		NS	21.3	21.8	22.1	NS
	26-Jan-11	1.36	U	0.691	NS	1.27		NS	0.678	U	0.813	8.3
	28-Feb-11	NS	NS	1.36	U	NS		NS	NS	NS	NS	NS
	27-Apr-11	NS	1.44	NS	NS	7.22		NS	1.53	1.56	1.46	1.98
	26-Jul-11	3.34	NS	0.834	2.59	NS		9.29	NS	NS	0.976	6.78
	28-Oct-11	NS	3.4	U	NS	8.5		NS	3.4	U	3.4	U
	23-Jan-12	1	NS	0.68	U	1.7		5.3	NS	NS	0.76	26
	13-Apr-12	NS	19	NS	NS	18		NS	12	18	18	NS
	2-Jul-12 (resample)	NS	NS	NS	NS	NS		NS	NS	NS	NS	9.6
Tetrachloroethene*	23-Jun-12	1.5	NS	0.68	U	3.5		0.8	NS	NS	0.68	U
	1-Nov-12	NS	7.4	NS	NS	11		0.78	0.57	1.3	NS	1.6
	1-Feb-13	1.8	NS	0.76	0.99	NS		4.5	NS	NS	1.8	NS
	29-Apr-13	NS	8.1	NS	NS	4.7		NS	1.1	1	1.3	1.8
	9-Jul-13	2.0	NS	2.1	3.1	NS		2.9	NS	NS	2.6	8.8
	18-Oct-13	NS	14	NS	NS	7.3		NS	0.61	0.32	0.32	1.4
	9-Jan-14	0.6	NS	0.22	1.1	NS		1.8	NS	NS	0.46	11
	24-Apr-14	NS	4.7	NS	NS	5.7		NS	0.41	0.068	U	0.51
	1-Aug-01	2.3	NS	3.3/4.9	2.1	NS		NS	NS	NS	0.97	4.0/5.9
	27-Aug-14	NS	NS	NS	NS	NS		2.4/3.5	NS	NS	NS	NS
	12-Sept-14 (resample)	NS	NS	NS	NS	NS		NS	NS	0.34	NS	U
	22-Oct-14	NS	6.9	NS	NS	5.0		0.61	0.43	0.10	U	4.0
	20-Jan-15	0.9	NS	0.20	0.37	NS		1.0	NS	NS	0.52	0.21
	30-Mar-15 (resample)	NS	NS	NS	NS	NS		NS	NS	NS	NS	3.0
	22-Apr-15	NS	5.3	NS	NS	2.6		NS	0.85	0.48/0.52	1.7	1.5
	21-Jul-15	0.34	NS	1	U	7	U	NS	3.2	NS	0.44 ^o	4.0 ^o
	23-Sept-15 resample	NS	NS	NS	NS	NS		NS	NS	1.5	NS	NS
	29-Oct-15	NS	18	NS	NS	3.6		NS	1.2	6.6	0.18 ^j	NS
	4-Dec-15 resample	NS	14	NS	NS	NS		NS	NS	NS	NS	NS
	27-Jan-16	3.1	NS	0.19	0.71	NS		0.63	NS	NS	0.19	6.7
	20-Apr-16	NS	9.7	NS	NS	3.4		NS	0.22	0.11	0.14	NS
	20-Jul-16	0.5	NS	0.99	1.6	NS		4.8	NS	NS	0.71	5.6
	21-Oct-16	NS	40	NS	NS	4.6		NS	0.75	0.83	0.39	NS
	31-Jan-17	0.33	NS	0.23	0.79	NS		0.75	NS	NS	0.15	12
	17-Apr-17	NS	8.1	NS	NS	3.2		NS	0.99	0.16	0.21	NS
	26-Jul-17	0.26	NS	0.34	1.3	NS		1.1	NS	NS	0.22	5.4
	12-Oct-17	NS	7.5	NS	NS	4.2		NS	0.44	0.43	0.41	NS
	10-Jan-18	0.21	NS	0.15	0.64	NS		2	NS	NS	0.33	NS
	11-Apr-18	NS	10	NS	NS	1.8		NS	1.4	U	0.24	NS
	23-May-18	NS	NS	NS	NS	NS		NS	NS	NS	1.4	NS
	27-Jul-18	0.68	U	NS	0.68	U		2.5	NS	NS	0.68	18

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	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
Toluene	8-Feb-08	1.63		NS		NS		NS		2.72		455
	27-Mar-08	NS		2.24		NS		NS		NS		11.3
	25-Apr-08	NS		NS	1.39	NS		NS		NS		16.1
	29-May-08	NS		NS		7.74		NS		11.2		21.8
	27-Jun-08	14.7		NS		NS	2.33	NS		NS		NS
	31-Jul-08	NS		4.15		NS		NS		10.2		22.2
	28-Aug-08	NS		NS	6.48	NS		NS		10		6.11
	30-Sep-08	NS		NS		1.9	U	NS		6.1		NS
	27-Oct-08	56.3		NS		NS		NS		NS		8.6
	25-Nov-08	NS		7.8		NS		NS		6.6		8.2
	18-Dec-08	NS		NS	2	NS		NS		29.9		NS
	21-Jan-09	NS		NS		1.9	U	NS		1.9		4.8
	25-Feb-09	7		NS		NS		NS		1.9		4.9
	26-Mar-09	NS		3.53		NS		NS		NS		1.9
	29-Apr-09	NS		NS	1.99			NS		0.149		U
	22-Jul-09	38.7		NS	38.7		2.22	NS		NS		4.56
	9-Oct-09	NS		3.53		NS		3.06		NS		NS
	15-Jan-10	12.8		NS	4.17		4.33	NS		NS		3.67
	21-Apr-10	NS		0.9		NS		2.97		NS		NS
	16-Jul-10	22.2		NS	17.9		5.98	NS		NS		5.08
	15-Oct-10	NS		1.67		NS		2.1		NS		NS
	26-Jan-11	6.06		6.82		NS		6.82		NS		3.26
	28-Feb-11	NS		NS	1.88		NS		NS		NS	
	27-Apr-11	NS		0.836		NS		0.682		NS		1.62
	26-Jul-11	8.29		NS	3.96		1.15	NS		NS		NS
	28-Oct-11	NS	1.9		NS		1.9	U		1.9		3.8
	23-Jan-12	7.9		NS	3.8		1.9	NS		3.4		NS
	13-Apr-12	NS		0.75		NS		0.38	U	NS		1.5
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS
	23-Jun-12	8.5		NS	3.5		1.5	NS		2.5		NS
	1-Nov-12	NS	2		NS		1.7	NS		2.3		4.5
	1-Feb-13	2.4		NS	0.69		0.69	NS		0.71		NS
	29-Apr-13	NS		1.7		NS		1.3		NS		3.9
	9-Jul-13	11		NS	3.0		2.0	NS		2.5		NS
	18-Oct-13	NS		2.3		NS		3.1		NS		1.9
	9-Jan-14	10		NS	7.6		8.6	NS		10		NS
	24-Apr-14	NS		0.23		NS		0.22		NS		1.1
	1-Aug-14	2.7		NS	2.8/3.2		1.3/1.4	NS		NS		NS
	27-Aug-14	NS		NS		NS		NS		2.2/2.8		NS
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS
	22-Oct-14	NS		0.34		NS		0.32		0.48		NS
	20-Jan-15	1.5		NS	0.6		0.6	NS		0.44		NS
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS
	22-Apr-15	NS		0.95		NS		0.59		NS		4.3
	21-Jul-15	3.8		NS	4.5	4	U	NS		2		NS
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS
	29-Oct-15	NS		0.41		NS		0.55		NS		2.8
	4-Dec-15 resample	NS		0.42		NS		NS		NS		NS
	27-Jan-16	1.5		NS	0.5		0.4	NS		0.44		NS
	20-Apr-16	NS		0.62		NS		0.77		NS		1.8
	20-Jul-16	1.2 ^w		NS	1.9 ^w		0.77 ^v	NS		1.2 ^w		NS
	21-Oct-16	NS		0.56		NS		2.6		NS		2.5
	31-Jan-17	1.1		NS	1.2		1.0	NS		0.98		NS
	17-Apr-17	NS		1.0		NS		1.1		NS		1.5
	26-Jul-17	1.1		NS	1.5		0.73	NS		1.2		NS
	12-Oct-17	NS		0.41		NS		0.47		NS		0.81
	10-Jan-18	0.88		NS	0.99		1.1	NS		1		1.7
	11-Apr-18	NS		0.61		NS		0.75	U	NS		1.9
	23-May-18	NS		NS		NS		NS		NS		NS
	27-Jul-18	1.2		NS	1.9		0.75	NS		1.6		NS

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	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.11	U	NS	NS	NS	NS	NS	0.11	U	0.56	NS
	27-Mar-08	NS	U	0.109	U	NS	NS	NS	NS	U	0.522	0.266
	25-Apr-08	NS	U	NS	0.109	U	NS	NS	0.109	U	NS	0.119
	29-May-08	NS	U	NS	NS	0.12	NS	NS	0.11	U	0.54	NS
	27-Jun-08	0.17	U	NS	NS	0.458	NS	NS	NS	U	0.377	0.138
	31-Jul-08	NS	U	0.109	U	NS	NS	NS	0.109	U	NS	0.109
	28-Aug-08	NS	U	NS	0.109	U	NS	NS	0.109	U	0.492	NS
	30-Sep-08	NS	U	NS	NS	2.7	U	NS	2.7	U	2.7	U
	27-Oct-08	3.4	U	NS	NS	3.4	U	NS	3.4	U	NS	3.4
	25-Nov-08	NS	U	2.7	U	NS	NS	NS	2.7	U	2.7	U
	18-Dec-08	NS	U	NS	2.7	U	NS	NS	2.7	U	2.7	U
	21-Jan-09	NS	U	NS	NS	2.7	U	NS	2.7	U	NS	2.7
	25-Feb-09	2.7	U	NS	NS	2.7	U	NS	2.7	U	2.7	U
	26-Mar-09	NS	U	1.59	NS	NS	1.09	U	NS	NS	0.682	0.213
	29-Apr-09	NS	U	NS	0.174	NS	NS	NS	0.147	NS	0.158	NS
	22-Jul-09	0.545	U	NS	22.2	U	1.09	U	0.545	U	NS	0.278
	9-Oct-09	NS	U	0.109	U	NS	0.158	NS	0.191	U	0.109	0.136
	15-Jan-10	0.109	U	NS	0.109	U	1.09	U	0.109	U	0.109	NS
	21-Apr-10	NS	U	0.109	U	NS	0.545	U	NS	0.545	U	1.09
	16-Jul-10	0.109	U	NS	0.109	U	0.824	U	NS	NS	0.109	NS
	15-Oct-10	NS	U	0.272	NS	NS	0.349	NS	0.109	U	0.109	0.109
	26-Jan-11	1.09	U	0.109	U	NS	0.109	U	0.545	U	0.545	NS
	28-Feb-11	NS	U	NS	1.09	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS	U	0.109	U	NS	0.109	U	NS	0.109	U	0.109
	26-Jul-11	0.364	U	NS	0.364	U	0.109	U	0.873	NS	0.109	U
	28-Oct-11	NS	U	2.7	U	NS	2.7	U	NS	2.7	U	2.7
	23-Jan-12	0.55	U	NS	0.55	U	0.55	U	1.5	U	0.55	1.3
	13-Apr-12	NS	U	0.27	U	NS	0.27	U	NS	0.27	U	0.27
	2-Jul-12 (resample)	NS	U	NS	NS	NS	NS	NS	NS	NS	1.4	U
	23-Jun-12	0.55	U	NS	0.55	U	0.55	U	0.55	U	0.55	NS
1,1,1-Trichloroethane*	1-Nov-12	NS	U	0.25	NS	NS	0.27	NS	0.055	U	0.055	0.14
	1-Feb-13	0.055	U	NS	0.055	U	0.055	U	0.83	NS	0.055	NS
	29-Apr-13	NS	U	0.15	NS	NS	0.076	NS	0.055	U	0.061	0.055
	9-Jul-13	0.082	U	NS	0.055	U	0.061	NS	0.33	NS	0.055	0.26
	18-Oct-13	NS	U	0.23	NS	NS	0.19	NS	0.11	U	0.11	0.28
	9-Jan-14	0.11	U	NS	0.11	U	0.11	U	0.41	NS	0.11	NS
	24-Apr-14	NS	U	0.055	U	NS	0.055	U	NS	0.055	U	0.42
	1-Aug-14	0.11	U	NS	0.16	U	0.16	U	NS	NS	0.11	NS
	27-Aug-14	NS	U	NS	NS	NS	0.35	NS	NS	NS	NS	NS
	12-Sept-14 (resample)	NS	U	NS	NS	NS	NS	NS	0.082	U	NS	NS
	22-Oct-14	NS	U	0.19	NS	NS	0.19	U	0.082	U	0.082	NS
	20-Jan-15	0.055	U	NS	0.055	U	0.055	U	0.31	NS	0.082	U
	30-Mar-15 (resample)	NS	U	NS	NS	NS	NS	NS	NS	NS	0.14	NS
	22-Apr-15	NS	U	0.056	U	NS	0.055	U	NS	0.055	U	0.063
	21-Jul-15	0.3	U	NS	1	U	5	U	0.27 ^j	NS	0.3 ^o	U
	23-Sept-15 resample	NS	U	NS	NS	NS	NS	NS	0.3	U	0.3	NS
	29-Oct-15	NS	U	0.36	NS	NS	0.3	U	0.5	U	0.3	0.3
	4-Dec-15 resample	NS	U	0.23 ^j	NS	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	0.055	U	NS	0.055	U	0.055	U	0.24	NS	0.055	0.074
	20-Apr-16	NS	U	0.2	NS	NS	0.098	U	0.055	U	0.055	0.074
	20-Jul-16	0.27	U	NS	0.27	U	0.27	U	0.59	U	0.28	0.4
	21-Oct-16	NS	U	0.59	NS	NS	0.19	NS	0.083	0.094	0.089	1.4
	31-Jan-17	0.13	NS	0.055	U	0.055	U	0.2	NS	NS	0.055	NS
	17-Apr-17	NS	U	0.12	NS	NS	0.082	U	0.082	U	0.082	0.082
	26-Jul-17	0.055	U	NS	0.055	U	0.055	U	0.12	NS	0.055	NS
	12-Oct-17	NS	U	0.12	NS	NS	0.15	NS	0.17	U	0.28	0.14
	10-Jan-18	0.055 ^L	U	NS	0.055 ^L	U	0.055 ^L	U	0.29 ^L	NS	0.055 ^L	0.37 ^L
	11-Apr-18	NS	U	0.12	NS	NS	1.1	U	1.1	U	0.110	1.1
	23-May-18	NS	U	NS	NS	NS	NS	NS	NS	NS	0.082	U
	27-Jul-18	0.27	U	NS	0.27	U	0.27	U	0.27	U	0.56	NS

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual										
	8-Feb-08	0.11	U	NS	NS	0.11	U	NS	0.11	U	0.11	U
	27-Mar-08	NS	0.109	U	NS	NS	0.109	U	NS	0.109	U	0.109
	25-Apr-08	NS	NS	0.109	U	NS	NS	0.109	U	NS	0.109	U
	29-May-08	NS	NS	NS	0.11	U	NS	NS	0.11	U	NS	U
	27-Jun-08	0.17	U	NS	NS	0.109	U	NS	NS	0.109	U	0.109
	31-Jul-08	NS	0.109	U	NS	NS	NS	NS	0.109	U	NS	U
	28-Aug-08	NS	NS	0.109	U	NS	NS	0.109	U	0.109	U	0.109
	30-Sep-08	NS	NS	NS	0.11	U	NS	NS	0.11	U	0.11	U
	27-Oct-08	0.11	U	NS	NS	0.11	U	NS	NS	0.11	U	0.11
	25-Nov-08	NS	0.11	U	NS	NS	0.11	U	NS	0.11	U	NS
	18-Dec-08	NS	NS	0.11	U	NS	NS	0.11	U	NS	0.11	U
	21-Jan-09	NS	NS	NS	0.11	U	NS	NS	0.11	U	NS	0.11
	25-Feb-09	0.11	U	NS	NS	0.11	U	NS	NS	0.11	U	NS
	26-Mar-09	NS	0.545	U	NS	NS	1.09	U	NS	NS	0.109	U
	29-Apr-09	NS	NS	0.109	U	NS	NS	0.109	U	NS	0.109	U
	22-Jul-09	0.545	U	NS	22.2	U	1.09	U	NS	0.109	U	0.109
	9-Oct-09	NS	0.109	U	NS	NS	0.109	U	NS	0.109	U	0.109
	15-Jan-10	0.109	U	NS	0.109	U	1.09	U	0.081	U	NS	0.109
	21-Apr-10	NS	0.109	U	NS	NS	0.545	U	NS	0.545	U	0.109
	16-Jul-10	0.109	U	NS	0.109	U	NS	0.824	U	NS	1.09	U
	15-Oct-10	NS	0.109	U	NS	NS	0.109	U	0.109	U	0.109	U
	26-Jan-11	1.09	U	0.109	U	NS	0.109	U	0.545	U	0.545	U
	28-Feb-11	NS	NS	1.09	U	NS						
	27-Apr-11	NS	0.109	U	NS	NS	0.109	U	NS	0.109	U	0.109
	26-Jul-11	0.364	U	NS	0.364	U	0.109	U	0.546	U	0.546	U
	28-Oct-11	NS	2.7	U	NS	2.7	U	NS	2.7	U	2.7	U
	23-Jan-12	0.55	U	NS	0.55	U	0.55	U	0.55	U	0.55	U
	13-Apr-12	NS	0.27	U	NS	0.27	U	NS	0.27	U	0.27	U
	2-Jul-12 (resample)	NS	1.4	U								
	23-Jun-12	0.55	U	NS	0.55	U	0.55	U	0.5	U	0.55	U
1,1,2-Trichloroethane	1-Nov-12	NS	0.055	U	NS	NS	0.055	U	0.055	U	0.055	U
	1-Feb-13	0.055	U	NS	0.055	U	0.055	U	NS	0.055	U	0.055
	29-Apr-13	NS	0.14	U	NS	NS	0.055	U	NS	0.055	U	0.055
	9-Jul-13	0.082	U	NS	0.055	U	0.055	U	0.055	U	0.055	U
	18-Oct-13	NS	0.11	U	NS	NS	0.11	U	NS	0.11	U	0.11
	9-Jan-14	0.11	U	NS	0.11	U	0.11	U	NS	0.11	U	NS
	24-Apr-14	NS	0.055	U	NS	NS	0.055	U	NS	0.055	U	0.055
	1-Aug-14	0.11	U	NS	0.16	U	0.16	U	NS	0.11	U	NS
	27-Aug-14	NS	NS	NS	NS	NS	0.055	U	NS	NS	NS	NS
	12-Sept-14 (resample)	NS	0.082	U	NS							
	22-Oct-14	NS	0.082	U	NS	NS	0.082	U	0.082	U	0.082	U
	20-Jan-15	0.055	U	NS	0.055	U	0.055	U	NS	0.082	U	0.055
	30-Mar-15 (resample)	NS	0.061	U								
	22-Apr-15	NS	0.056	U	NS	NS	0.055	U	NS	0.055	U	0.063
	21-Jul-15	0.3	U	NS	1	U	5	U	0.3	U	0.3	U
	23-Sept-15 resample	NS										
	29-Oct-15	NS	0.3	U	NS	0.3	U	NS	0.5	U	0.3	U
	4-Dec-15 resample	NS	0.3	U	NS							
	27-Jan-16	0.055	U	NS	0.055	U	0.055	U	NS	0.055	U	0.055
	20-Apr-16	NS	0.055	U	NS	0.055	U	0.055	U	0.055	U	0.055
	20-Jul-16	0.27	U	NS	0.27	U	0.27	U	NS	0.27	U	0.27
	21-Oct-16	NS	0.055	U	NS	NS	0.055	U	NS	0.055	U	0.055
	31-Jan-17	0.055	U	NS	0.055	U	0.055	U	NS	0.055	U	NS
	17-Apr-17	NS	0.082	U	NS	NS	0.082	U	NS	0.082	U	0.082
	26-Jul-17	0.055	U	NS	0.055	U	0.055	U	NS	0.055	U	NS
	12-Oct-17	NS	0.055	U	NS	NS	0.055	U	NS	0.17	U	0.14
	10-Jan-18	0.055	U	NS	0.055	U	0.055	U	NS	0.055	U	0.055
	11-Apr-18	NS	0.11	U	NS	NS	1.1	U	NS	1.1	U	1.1
	23-May-18	NS	0.082	U								
	27-Jul-18	0.27	U	NS	0.27	U	0.27	U	NS	0.27	U	NS

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.12	NS	NS	NS	0.11	U	NS	NS	0.2	19.6	NS
	27-Mar-08	NS	0.107	U	NS	NS	0.152	NS	NS	13.4	5.34	
	25-Apr-08	NS	NS	0.199	NS	NS	1.35	NS	0.668	NS	3.39	
	29-May-08	NS	NS	NS	26.5	NS	NS	0.15	0.37	13.6	NS	
	27-Jun-08	0.408	NS	NS	NS	258	NS	NS	NS	13.6	6.56	
	31-Jul-08	NS	1.24	NS	NS	NS	NS	NS	0.126	NS	3.26	
	28-Aug-08	NS	NS	0.558	NS	NS	3.56	NS	0.432	18.4	NS	
	30-Sep-08	NS	NS	NS	56.2	NS	NS	0.8	NS	22.7	3.95	
	27-Oct-08	0.8	U	NS	NS	117	NS	NS	2.99	NS	0.8	U
	25-Nov-08	NS	2.92	NS	NS	1.89	NS	NS	0.54	U	39.8	NS
	18-Dec-08	NS	NS	0.54	U	NS	0.54	U	NS	4.56	2.48	
	21-Jan-09	NS	NS	NS	19.6	NS	NS	0.54	U	0.54	4.99	
	25-Feb-09	0.44	NS	NS	NS	99.5	NS	NS	0.56	10.7	NS	
	26-Mar-09	NS	9.2	NS	NS	3.88	NS	NS	NS	25.1	5.49	
	29-Apr-09	NS	NS	0.22	NS	NS	1.2	NS	0.392	NS	2.96	
	22-Jul-09	0.537	U	NS	0.537	U	12.7	NS	0.354	10.3	NS	
	9-Oct-09	NS	0.091	U	NS	26	NS	1.24	22.4	U	0.182	NS
	15-Jan-10	0.591	NS	0.242	17.7	NS	0.172	NS	NS	0.107	U	18.5
	21-Apr-10	NS	0.107	U	NS	34	NS	0.94	0.537	U	0.891	NS
	16-Jul-10	0.333	NS	0.333	8.14	NS	0.811	U	NS	0.107	27.8	NS
	15-Oct-10	NS	2.26	NS	NS	129	NS	1.92	0.177	317	NS	1.3
	26-Jan-11	1.07	U	1.63	NS	9.94	NS	0.537	U	0.617	1.23	27.1
	28-Feb-11	NS	NS	1.07	U	NS	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS	0.231	NS	NS	78.1	NS	0.891	0.107	U	0.107	NS
	26-Jul-11	1.18	NS	0.358	U	29.6	NS	10.5	NS	NS	0.247	20.5
	28-Oct-11	NS	2.7	U	NS	110	NS	2.7	U	2.7	U	2.7
	23-Jan-12	0.88	NS	0.54	U	6.8	NS	7.8	NS	NS	0.54	U
	13-Apr-12	NS	0.27	U	NS	83	NS	1.5	0.27	U	0.27	NS
Trichloroethene*	2-Jul-12 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	NS	32	NS
	23-Jun-12	1.1	NS	0.54	U	92	NS	0.75	NS	NS	0.54	35
	1-Nov-12	NS	2.4	NS	NS	92	NS	1.9	0.32	0.28	NS	6.9
	1-Feb-13	0.85	NS	0.064	21	NS	5.6	NS	NS	0.077	20	NS
	29-Apr-13	NS	1.7	NS	NS	46	NS	0.84	0.12	0.44	NS	1.9
	9-Jul-13	0.60	NS	0.22	27	NS	2.6	NS	NS	0.14	22	U
	18-Oct-13	NS	3.3	NS	NS	76	NS	2.2	0.48	0.66	NS	15
	9-Jan-14	0.49	NS	0.11	U	36	NS	1.8	NS	NS	0.13	43
	24-Apr-14	NS	1.0	NS	NS	58	NS	0.81	0.13	1.0	31	2.4
	1-Aug-14	2.70	NS	0.23	15/19	NS	NS	NS	NS	1.2	16/18	NS
	27-Aug-14	NS	NS	NS	NS	NS	2.6/3.4	NS	NS	NS	NS	NS
	12-Sept-14 (resample)	NS	NS	NS	NS	NS	NS	NS	0.30	NS	NS	U
	22-Oct-14	NS	1.3	NS	NS	88	0.97	1.4	0.19	0.17	18	NS
	20-Jan-15	0.52	NS	0.054	U	24	NS	1.3	NS	0.081	U	0.054
30-Mar-15 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	15	NS
	22-Apr-15	NS	0.96	NS	U	35	NS	0.80	0.078	U	0.57	NS
	21-Jul-15	0.2	NS	1	U	15	NS	3.1	NS	NS	0.99 ^o	24 ^o
	23-Sept-15 resample	NS	NS	NS	NS	NS	NS	NS	0.44	NS	NS	NS
	29-Oct-15	NS	4.1	NS	NS	54	NS	3.3	0.89	0.55	NS	7.3
4-Dec-15 resample	NS	2.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	2.3	NS	0.13	25	NS	0.98	NS	NS	0.27	36	NS
	20-Apr-16	NS	1.8	NS	NS	76	NS	0.8	0.17	0.39	NS	9.4
	20-Jul-16	0.47	NS	0.6	28	NS	3.8	NS	NS	0.63	21	NS
	21-Oct-16	NS	7.6	NS	NS	66	NS	1.1	0.31	0.18	NS	5.7
	31-Jan-17	0.23	NS	0.11	32	NS	0.71	NS	NS	0.054	44	NS
	17-Apr-17	NS	1.4	NS	NS	58	NS	0.66	0.081	U	0.081	11
	26-Jul-17	0.23	NS	0.13	33	NS	1.4	NS	NS	0.31	25	NS
	12-Oct-17	NS	1.8	NS	NS	88	NS	0.76	0.38	0.15	NS	2.1
	10-Jan-18	0.19	NS	0.054	U	29	NS	2.1	NS	0.43	NS	65
	11-Apr-18	NS	2.1	NS	NS	41	NS	1.1	U	0.13	NS	37
	23-May-18	NS	NS	NS	NS	NS	NS	NS	NS	NS	7.0	NS
	27-Jul-18	0.27	U	NS	0.27	U	140	NS	0.68	NS	0.27	74

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	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	1.22	NS	NS	NS	1.22	NS	NS	1.06	15.9	NS
	27-Mar-08	NS	1.27	NS	NS	1.18	NS	NS	NS	12	9.02
	25-Apr-08	NS	NS	1.18	NS	NS	5.2	NS	1.66	NS	3.83
	29-May-08	NS	NS	NS	33.5	NS	NS	0.98	1.05	10.6	NS
	27-Jun-08	1.29	NS	NS	NS	75.2	NS	NS	NS	8.85	8.89
	31-Jul-08	NS	1.01	NS	NS	NS	NS	NS	0.958	NS	5.1
	28-Aug-08	NS	NS	2.53	NS	NS	18	NS	1.79	15.6	NS
	30-Sep-08	NS	NS	NS	53.8	NS	NS	2.8	U	NS	14.5
	27-Oct-08	2.8	U	NS	NS	44.4	NS	NS	6.1	NS	2.8
	25-Nov-08	NS	10	NS	NS	12.2	NS	NS	2.8	U	34
	18-Dec-08	NS	NS	2.8	U	NS	4.9	NS	NS	4.8	7.1
	21-Jan-09	NS	NS	NS	26.9	NS	NS	7.2	2.8	U	NS
	25-Feb-09	2.8	U	NS	NS	14.8	NS	NS	2.8	U	7.1
	26-Mar-09	NS	1.43	NS	NS	2.81	U	NS	NS	NS	19.6
	29-Apr-09	NS	NS	1.45	NS	NS	4.23	NS	1.27	NS	3.17
	22-Jul-09	1.46	NS	1.46	19.9	NS	3.42	NS	NS	1.28	6.46
	9-Oct-09	NS	0.156	NS	NS	20	NS	11	58.6	U	1.65
	15-Jan-10	1.39	NS	2.1	16.6	NS	1.78	NS	NS	1.34	15.4
	21-Apr-10	NS	0.466	NS	NS	10.1	NS	4.83	1.4	U	4.95
	16-Jul-10	2.6	NS	1.84	16.4	NS	2.12	U	NS	NS	2.23
	15-Oct-10	NS	9.63	NS	NS	72.2	NS	13.7	5.65	NS	9.85
	26-Jan-11	2.81	U	1.16	NS	13.8	NS	1.4	U	NS	1.4
	28-Feb-11	NS	NS	2.81	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS	1.12	NS	NS	12.8	NS	3.24	1.27	1.17	NS
	26-Jul-11	4.27	NS	1.31	41.2	U	15.3	NS	NS	1.62	10
	28-Oct-11	NS	2.8	U	NS	30	NS	5.1	2.8	U	2.9
	23-Jan-12	2.1	NS	1.5	28	NS	29	NS	NS	1.4	16
	13-Apr-12	NS	1.9	NS	NS	15	NS	6.4	2.1	2	NS
Trichlorofluoromethane	2-Jul-12 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	NS	21
	23-Jun-12	2.4	NS	1.1	85	NS	2.2	NS	NS	1.2	15
	1-Nov-12	NS	3.3	NS	NS	33	NS	6.7	1.2	1.2	NS
	1-Feb-13	2.1	NS	1.6	15	NS	17	NS	NS	1.6	5.6
	29-Apr-13	NS	2.6	NS	NS	8.3	NS	3.1	1.5	1.6	NS
	9-Jul-13	1.4	NS	2.2	33	NS	3.3	NS	NS	3.6	5.5
	18-Oct-13	NS	4.0	NS	NS	19	NS	6.9	3.0	1.6	NS
	9-Jan-14	1.6	NS	1.8	21	NS	11	NS	NS	1.8	11
	24-Apr-14	NS	2.3	NS	NS	10	NS	3.5	1.7	2.4	9.3
	1-Aug-14	2.9	NS	1.7/1.6	23/26	NS	NS	NS	NS	2.4	6.2
	27-Aug-14	NS	NS	NS	NS	NS	7.0/6.6	NS	NS	NS	NS
	12-Sept-14 (resample)	NS	NS	NS	NS	NS	NS	NS	1.5	NS	U
	22-Oct-14	NS	2.7	NS	NS	28	4.2	7.0	1.7	1.4	7.4
	20-Jan-15	1.6	NS	1.5	9.1	NS	5.2	NS	NS	1.3	1.4
30-Mar-15 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.8	NS
	22-Apr-15	NS	7.8 ^v	NS	NS	15 ^v	NS	3.5	1.7	1.7/2.0	1.9
	21-Jul-15	0.87	NS	1.0 ^j	19	NS	3.2	NS	NS	0.98 ^o	2.9 ^o
23-Sept-15 resample	NS	NS	NS	NS	NS	NS	NS	0.98	NS	NS	NS
	29-Oct-15	NS	4.3	NS	NS	11	NS	2.6	0.93	0.8	NS
4-Dec-15 resample	NS	2.5	NS	1.9 ^{M,V}	19 ^{M,V}	NS	7.6 ^{M,V}	NS	NS	NS	NS
	27-Jan-16	2.5 ^{M,V}	NS	1.9 ^{M,V}	19 ^{M,V}	NS	7.6 ^{M,V}	NS	NS	2.4 ^{M,V}	7.6 ^{M,V}
	20-Apr-16	NS	2.3	NS	NS	8.8	NS	2.5	1.6	1.4	NS
	20-Jul-16	1.3	NS	1.6	16	NS	4.2	NS	NS	1.7	4
	21-Oct-16	NS	4.7	NS	NS	15	NS	3.8	1.5	1.3	NS
	31-Jan-17	1.4	NS	1.5	35	NS	3.9	NS	NS	1.4	9.1
	17-Apr-17	NS	2.7	NS	NS	8.6	NS	3.1	1.7	1.7	8.2
	26-Jul-17	0.98	NS	0.98	19	NS	1.9	NS	NS	1.1	3.4
	12-Oct-17	NS	2.3	NS	NS	18	NS	3.8	1.8	1.5	NS
	10-Jan-18	1.2	NS	1.3	9.1	NS	4.6	NS	NS	1.1	11
	11-Apr-18	NS	2.1	NS	NS	5.3	NS	4.5	U	4.5	NS
	23-May-18	NS	NS	NS	NS	NS	NS	NS	NS	NS	2.2
	27-Jul-18	2.2	U	NS	2.2	U	24	NS	NS	2.2	U
								U	NS	6	NS

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.21	NS	NS	NS	0.23	NS	NS	0.69	1.93	NS
	27-Mar-08	NS	0.304	NS	NS	0.152	NS	NS	0.958	0.681	
	25-Apr-08	NS	NS	1.72	NS	NS	0.644	NS	0.517	NS	0.338
	29-May-08	NS	NS	NS	0.6	NS	NS	1	1.26	0.48	NS
	27-Jun-08	7.46	NS	NS	NS	1.15	NS	NS	NS	0.638	0.736
	31-Jul-08	NS	1.86	NS	NS	NS	NS	NS	0.885	NS	0.685
	28-Aug-08	NS	NS	0.838	NS	NS	NS	NS	0.669	0.653	NS
	30-Sep-08	NS	NS	NS	2.5	U	NS	NS	2.5	U	2.5
	27-Oct-08	11.4	NS	NS	NS	2.5	U	NS	2.5	U	2.9
	25-Nov-08	NS	2.5	U	NS	2.5	U	NS	6.4	5.2	NS
	18-Dec-08	NS	NS	2.5	U	NS	2.5	U	NS	2.5	U
	21-Jan-09	NS	NS	NS	2.5	U	NS	NS	2.5	U	2.5
	25-Feb-09	17.5	NS	NS	NS	4	NS	NS	6.2	2.9	NS
	26-Mar-09	NS	0.491	U	NS	0.982	U	NS	NS	1.09	1.55
	29-Apr-09	NS	NS	0.265	NS	NS	0.378	NS	0.707	NS	0.801
	22-Jul-09	3.49	NS	20	U	0.982	U	NS	56.4	0.86	NS
	9-Oct-09	NS	0.707	NS	NS	0.781	NS	0.648	20.5	1.36	NS
	15-Jan-10	2.87	NS	0.354	NS	0.29	NS	0.314	NS	1.06	1.17
	21-Apr-10	NS	0.211	NS	NS	0.933	NS	1.42	1.13	0.653	NS
	16-Jul-10	8.3	NS	8.23	8.09	NS	6.27	NS	NS	4.28	5.05
	15-Oct-10	NS	1.29	NS	NS	1.61	NS	1.1	1.38	1.86	NS
	26-Jan-11	1.23	1.4	NS	1.6	NS	0.491	U	NS	6.93	10.4
	28-Feb-11	NS	NS	0.982	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS	0.845	NS	NS	0.855	NS	1.24	1.06	2.06	1.09
	26-Jul-11	1.29	NS	2.67	0.61	NS	0.541	NS	NS	2.48	0.541
	28-Oct-11	NS	2.5	U	NS	2.5	U	NS	2.5	U	3.1
	23-Jan-12	3	NS	0.76	0.49	U	NS	0.71	NS	2.7	2.8
	13-Apr-12	NS	0.49	U	NS	0.49	U	NS	1.1	3.9	1.3
1,2,4-Trimethylbenzene	2-Jul-12 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	2.5	U
	23-Jun-12	4.1	NS	1.3	1.2	NS	1.1	NS	NS	2.1	1.1
	1-Nov-12	NS	1.7	NS	NS	2.5	NS	3.1	3	3.2	NS
	1-Feb-13	1.2	NS	0.23	0.21	NS	0.3	NS	NS	1	0.86
	29-Apr-13	NS	0.54	NS	NS	0.74	NS	0.66	0.83	1	NS
	9-Jul-13	4.2	NS	1.6	1.8	NS	1.8	NS	NS	2	2.0
	18-Oct-13	NS	4.8	NS	NS	4.3	NS	5.6	6.4	5.0	5.7
	9-Jan-14	2.7	NS	2.7	3.8	NS	3.8	NS	NS	12.0	13.0
	24-Apr-14	NS	0.098	U	NS	0.098	U	0.13	0.098	0.5	0.1
	1-Aug-14	4.1	NS	6.5/5.1	3.0/3.6	NS	NS	NS	NS	2.6	6.3/4.3
	27-Aug-14	NS	NS	NS	NS	NS	1.1	NS	NS	NS	NS
	12-Sept-14 (resample)	NS	NS	NS	NS	NS	NS	NS	1.2	NS	U
	22-Oct-14	NS	0.37	NS	NS	0.28	0.6	0.59	0.50	1.0	1.2
	20-Jan-15	0.19	NS	0.098	U	0.098	U	0.098	U	0.3	0.4
	30-Mar-15 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	0.55	NS
	22-Apr-15	NS	0.27	NS	NS	0.17	NS	0.24	0.33/0.37	0.33	0.43
	21-Jul-15	0.44	NS	1.1	5	U	0.89	NS	NS	0.47°	0.66°
	23-Sept-15 resample	NS	NS	NS	NS	NS	NS	1.7	NS	NS	NS
	29-Oct-15	NS	0.43	NS	NS	0.78	NS	0.87	0.64	0.48	0.76
	4-Dec-15 resample	NS	0.2	U	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	0.32	NS	0.098	U	0.17	NS	0.098	U	NS	0.38
	20-Apr-16	NS	0.39	NS	NS	0.57	NS	0.79	0.49	1	0.94
	20-Jul-16	2.2	NS	2.6	2.3	NS	2.4	NS	NS	3.2	2.6
	21-Oct-16	NS	0.8	NS	NS	0.74	NS	1.1	1.2	1.6	NS
	31-Jan-17	1.3	NS	0.61	0.69	NS	0.74	NS	NS	5.1	4.9
	17-Apr-17	NS	0.16	NS	NS	0.21	NS	0.2	0.2	0.29	NS
	26-Jul-17	0.28	NS	0.098	U	0.3	NS	0.36	NS	0.34	0.29
	12-Oct-17	NS	0.95	NS	NS	0.58	NS	2.6	2.1	1.9	1.6
	10-Jan-18	0.14	NS	0.098	U	0.18	NS	0.12	NS	0.88	0.76
	11-Apr-18	NS	0.31 ^M	NS	NS	0.98	U	NS	0.98	U	NS
	23-May-18	NS	NS	NS	0.49	U	NS	NS	NS	0.15	U
	27-Jul-18	0.49	U	NS	0.49	U	NS	0.49	U	0.49	U

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Volatile Organic Compounds via TO-15	MP-1	MP-2	MP-3	MP-4	MP-5	MP-6	MP-7	MP-8	IMP-1	IMP-2	IMP-3	
	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.1	U	NS	NS	NS	NS	NS	0.47	0.66	NS	
	27-Mar-08	NS		0.14	NS	NS	0.098	U	NS	NS	0.349	0.275
	25-Apr-08	NS		NS	1.6	NS	NS	0.228	NS	NS	0.192	0.134
	29-May-08	NS		NS	NS	0.18	NS	NS	0.32	0.43	NS	NS
	27-Jun-08	5.16		NS	NS	0.463	NS	NS	NS	NS	0.236	0.25
	31-Jul-08	NS		0.713	NS	NS	NS	NS	NS	NS	0.276	0.224
	28-Aug-08	NS		NS	0.497	NS	NS	0.215	NS	NS	0.248	NS
	30-Sep-08	NS		NS	2.5	U	NS	NS	2.5	U	NS	2.5
	27-Oct-08	7.8		NS	NS	NS	2.5	U	NS	NS	2.5	U
	25-Nov-08	NS		2.5	U	NS	NS	U	NS	NS	2.5	U
	18-Dec-08	NS		NS	2.5	U	NS	NS	2.5	U	NS	2.5
	21-Jan-09	NS		NS	2.5	U	NS	U	NS	NS	2.5	U
	25-Feb-09	9.1		NS	NS	NS	2.5	U	NS	NS	2.5	U
	26-Mar-09	NS		0.491	U	NS	NS	0.982	U	NS	NS	0.337
	29-Apr-09	NS		NS	0.147	NS	NS	0.128	NS	NS	0.211	0.245
	22-Jul-09	3		NS	20	U	0.982	U	NS	NS	22.7	0.275
	9-Oct-09	NS		0.216	NS	NS	0.241	NS	0.187	20.5	0.388	0.226
	15-Jan-10	2.15		NS	0.118	0.098	U	NS	0.108	NS	0.29	0.334
	21-Apr-10	NS		0.098	U	NS	0.491	U	NS	0.491	0.177	0.206
	16-Jul-10	2.76		NS	1.88	1.81	NS	1.67	NS	NS	1.08	1.25
	15-Oct-10	NS		0.418	NS	NS	0.383	NS	0.275	0.324	0.545	0.54
	26-Jan-11	0.982	U	0.437	NS	0.472	NS	0.491	U	NS	0.491	2.87
	28-Feb-11	NS		NS	0.982	U	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS		0.255	NS	NS	0.27	NS	0.368	0.329	0.599	0.354
	26-Jul-11	0.688		NS	0.885	0.182	NS	0.492	U	NS	0.664	0.492
	28-Oct-11	NS		2.5	U	NS	2.5	U	NS	2.5	U	NS
	23-Jan-12	0.99		NS	0.49	U	NS	0.49	U	NS	0.71	0.83
	13-Apr-12	NS		0.49	U	NS	0.49	U	NS	0.49	1.1	0.49
1,3,5-Trimethylbenzene	2-Jul-12 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS
	23-Jun-12	1.6		NS	0.49	U	0.49	U	NS	NS	0.49	0.49
	1-Nov-12	NS		0.25	NS	NS	0.39	NS	0.53	0.5	0.56	0.63
	1-Feb-13	0.42		NS	0.098	U	0.098	U	NS	NS	0.3	0.24
	29-Apr-13	NS		0.25	U	NS	0.22	NS	0.18	0.22	0.3	0.27
	9-Jul-13	1.5		NS	0.39	0.37	NS	0.38	NS	NS	0.43	0.44
	18-Oct-13	NS		0.53	NS	NS	0.52	NS	0.75	0.99	0.44	0.53
	9-Jan-14	0.77		NS	0.69	0.96	NS	0.98	NS	NS	2.9	3.1
	24-Apr-14	NS		0.098	U	NS	0.098	U	0.098	U	0.098	0.098
	1-Aug-14	0.90		NS	1.00	0.60	NS	NS	NS	NS	0.46	0.86
	27-Aug-14	NS		NS	NS	NS	0.23	NS	NS	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	NS	NS	NS	NS	NS	0.15	NS	U
	22-Oct-14	NS		0.15	U	NS	0.15	U	0.15	U	0.15	0.20
	20-Jan-15	0.098	U	NS	0.098	U	0.098	U	NS	NS	0.15	0.11
30-Mar-15 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	NS	0.11	U
	22-Apr-15	NS		0.10	U	NS	0.098	U	NS	0.098	0.14	0.098
	21-Jul-15	0.2	U	NS	1	U	5	U	NS	NS	0.20 ^o	0.14 ^{J,o}
23-Sept-15 resample	NS		NS	NS	NS	NS	0.16 ^J	NS	0.4	U	0.13 ^J	NS
	29-Oct-15	NS		0.3	U	NS	NS	NS	0.4	U	0.15 ^J	0.17 ^J
4-Dec-15 resample	NS		0.2	U	NS	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	0.1		NS	0.098	U	0.098	U	NS	NS	0.13	0.098
	20-Apr-16	NS		0.098	U	NS	0.098	U	0.18	0.098	0.26	0.18
	20-Jul-16	0.78		NS	1.2	0.88	NS	0.96	NS	NS	1.3	1
	21-Oct-16	NS		0.17	NS	NS	0.18	NS	0.19	0.28	0.53	0.34
	31-Jan-17	0.36		NS	0.13	0.15	NS	0.15	NS	NS	1.3	1.2
	17-Apr-17	NS		0.15	U	NS	0.15	U	0.15	U	0.15	0.15
	26-Jul-17	0.098	U	NS	0.098	U	0.098	U	NS	NS	0.098	U
	12-Oct-17	NS		0.16	NS	NS	0.16	NS	0.3	U	0.4	0.25
	10-Jan-18	0.098	U	NS	0.098	U	0.098	U	NS	NS	0.17	0.12
	11-Apr-18	NS		0.098	U	NS	0.98	U	0.98	U	0.98	0.98
	23-May-18	NS		NS	NS	NS	NS	NS	NS	NS	0.15	U
	27-Jul-18	0.49	U	NS	0.49	U	0.49	U	0.49	U	0.49	NS

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	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.05	U	NS	NS	0.05	U	NS	0.05	U	0.05	U
	27-Mar-08	NS		0.051	U	NS	0.051	U	NS	NS	0.051	U
	25-Apr-08	NS		NS	U	NS	NS	0.75	NS	NS	0.051	U
	29-May-08	NS		NS	U	0.05	U	NS	0.05	U	0.05	U
	27-Jun-08	0.08	U	NS	NS	0.051	U	NS	NS	NS	0.051	U
	31-Jul-08	NS		0.051	U	NS	NS	NS	NS	NS	0.051	U
	28-Aug-08	NS		NS	U	0.051	U	NS	0.051	U	0.051	U
	30-Sep-08	NS		NS	U	0.1	U	NS	0.1	U	0.1	U
	27-Oct-08	0.1	U	NS	NS	0.1	U	NS	0.1	U	0.1	U
	25-Nov-08	NS		0.1	U	NS	0.1	U	NS	0.1	U	NS
	18-Dec-08	NS		NS	U	0.1	U	NS	0.1	U	0.1	U
	21-Jan-09	NS		NS	U	0.1	U	NS	0.1	U	0.1	U
	25-Feb-09	0.1	U	NS	NS	0.1	U	NS	0.1	U	0.1	U
	26-Mar-09	NS		0.255	U	NS	0.511	U	NS	NS	0.051	U
	29-Apr-09	NS		NS	U	0.061	NS	NS	0.051	U	NS	0.051
	22-Jul-09	0.255	U	NS	U	0.255	U	NS	NS	0.051	U	NS
	9-Oct-09	NS		1.72	NS	NS	0.051	U	NS	0.102	U	0.051
	15-Jan-10	0.051	U	NS	U	0.061	U	NS	0.051	U	0.051	U
	21-Apr-10	NS		0.051	U	NS	0.255	U	NS	0.255	U	0.051
	16-Jul-10	0.051	U	NS	U	1.98	0.051	U	0.386	U	NS	0.051
	15-Oct-10	NS		0.051	U	NS	0.051	U	NS	0.051	U	0.051
	26-Jan-11	0.511	U	0.051	U	NS	0.051	U	0.255	U	0.255	U
	28-Feb-11	NS		NS	U	0.511	U	NS	NS	NS	NS	NS
	27-Apr-11	NS		0.051	U	NS	0.051	U	NS	0.051	U	0.051
	26-Jul-11	0.17	U	NS	U	0.17	U	NS	0.256	U	0.256	NS
	28-Oct-11	NS		1.3	U	NS	1.3	U	NS	1.3	U	1.3
	23-Jan-12	0.26	U	NS	U	0.26	U	NS	0.26	U	0.26	U
	13-Apr-12	NS		0.13	U	NS	0.13	U	NS	0.13	U	0.13
Vinyl chloride*	2-Jul-12 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	0.64	U
	23-Jun-12	0.26	U	NS	U	0.26	U	NS	0.26	U	0.26	U
	1-Nov-12	NS		0.026	U	NS	0.026	U	0.026	U	0.026	U
	1-Feb-13	0.065		NS	U	0.026	U	NS	0.026	U	0.026	U
	29-Apr-13	NS		0.41	NS	NS	0.045	NS	0.026	U	0.026	U
	9-Jul-13	0.038	U	NS	U	0.026	U	0.085	U	0.026	U	0.026
	18-Oct-13	NS		0.051	U	NS	0.074	NS	0.051	U	0.051	U
	9-Jan-14	0.092		NS	U	0.051	U	0.051	U	NS	0.051	U
	24-Apr-14	NS		0.026	U	NS	0.026	U	NS	0.026	U	0.077
	1-Aug-14	0.21		NS	U	0.38	U	0.077	U	NS	0.051	U
	27-Aug-14	NS		NS	NS	NS	NS	0.026	U	NS	NS	NS
	12-Sept-14 (resample)	NS		NS	NS	NS	NS	NS	NS	0.038	U	0.029
	22-Oct-14	NS		0.038	U	NS	0.038	U	0.038	U	0.051	U
	20-Jan-15	0.093 ^v		NS	U	0.14 ^v	0.026	U	0.072 ^v	NS	0.038 ^v	U
	30-Mar-15 (resample)	NS		NS	NS	NS	NS	NS	NS	NS	0.029	U
	22-Apr-15	NS		0.069 ^v	NS	NS	0.060 ^v	NS	0.026	U	0.026	U
	21-Jul-15	0.090 ^j		NS	U	0.5	3	U	0.097 ^j	NS	0.096 ^{j,o}	U
	23-Sept-15 resample	NS		NS	NS	NS	NS	NS	NS	0.1	U	NS
	29-Oct-15	NS		0.13 ^j	NS	NS	0.1	U	NS	0.1	U	0.1
	4-Dec-15 resample	NS		0.14	NS	NS	NS	NS	NS	NS	NS	U
	27-Jan-16	0.026	U	NS	U	0.2	0.026	U	0.064	NS	0.026	U
	20-Apr-16	NS		0.23	NS	NS	0.072	U	NS	0.026	U	0.026
	20-Jul-16	0.13 ^L	U	NS	U	0.29 ^L	0.13 ^L	U	0.54 ^L	NS	0.13 ^L	U
	21-Oct-16	NS		0.34	NS	NS	0.026	U	NS	0.026	U	0.035
	31-Jan-17	0.11		NS	U	0.27	0.026	U	0.15	NS	0.026	U
	17-Apr-17	NS		0.19	NS	NS	0.038	U	NS	0.038	U	0.038
	26-Jul-17	0.026	U	NS	U	0.3	0.026	U	0.026	U	0.026	U
	12-Oct-17	NS		0.31	NS	NS	0.026	U	NS	0.077	U	0.064
	10-Jan-18	0.19		NS	U	0.24	0.026	U	0.32	NS	0.026	U
	11-Apr-18	NS		0.051	U	NS	0.51 ^D	U	NS	0.51 ^D	U	0.51 ^D
	23-May-18	NS		NS	U	NS	NS	NS	NS	NS	0.077	U
	27-Jul-18	0.26	U	NS	U	0.26	0.26	U	NS	NS	0.26	U

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	Sample Date	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
	8-Feb-08	0.55	NS	NS	NS	NS	NS	NS	1.04	18.3	NS	
	27-Mar-08	NS	0.893	NS	NS	0.389	NS	NS	2.17	1.33		
	25-Apr-08	NS	NS	0.815	NS	NS	0.97	NS	2.54	NS	1.81	
	29-May-08	NS	NS	NS	5	NS	NS	7.58	10.1	3.34	NS	
	27-Jun-08	12.6	NS	NS	NS	1.5	NS	NS	NS	1.91	2.33	
	31-Jul-08	NS	2.4	NS	NS	NS	NS	NS	2.08	NS	1.55	
	28-Aug-08	NS	NS	2.33	NS	NS	1.44	NS	2.13	1.94	NS	
	30-Sep-08	NS	NS	NS	4.3	U	NS	NS	4.3	U	4.3	U
	27-Oct-08	41.6	NS	NS	NS	4.3	U	NS	NS	4.3	U	4.3
	25-Nov-08	NS	4.7	NS	NS	4.3	U	NS	8.5	8.9	NS	
	18-Dec-08	NS	NS	4.3	U	NS	4.3	U	NS	4.3	U	4.3
	21-Jan-09	NS	NS	4.3	U	NS	NS	4.3	U	NS	4.3	U
	25-Feb-09	37.6	NS	NS	4.3	U	NS	NS	8	9.3	NS	
	26-Mar-09	NS	1.35	NS	NS	1.74	U	NS	NS	2.59	3.56	
	29-Apr-09	NS	NS	0.468	NS	NS	0.516	NS	0.933	NS	1.06	
	22-Jul-09	25.6	NS	25.6	1.74	U	NS	NS	165	3.52	NS	
	9-Oct-09	NS	1.62	NS	NS	1.63	NS	0.915	36.2	1.74	NS	1.7
	15-Jan-10	18.4	NS	1.52	1.48	NS	1.76	NS	NS	2.35	2.65	NS
	21-Apr-10	NS	0.703	NS	NS	3.28	NS	4.58	4.34	6.22	NS	4.77
	16-Jul-10	21.8	NS	7.01	6.36	NS	4.82	NS	NS	4.95	4.91	NS
	15-Oct-10	NS	1.81	NS	NS	2.18	NS	1.7	1.88	3.4	NS	2.88
	26-Jan-11	3.08	4.24	NS	4.37	NS	3.06	NS	3.17	11.5	13.6	NS
	28-Feb-11	NS	NS	1.74	U	NS	NS	NS	NS	NS	NS	NS
	27-Apr-11	NS	0.694	NS	NS	0.707	NS	0.889	1.15	1.09	NS	1.44
	26-Jul-11	9.99	NS	3.96	1.02	NS	0.999	NS	NS	0.956	1.26	NS
	28-Oct-11	NS	4.3	U	NS	4.3	U	4.3	U	9.8	NS	4.3
	23-Jan-12	7.9	NS	2	1.3	NS	2	NS	NS	4.4	14	NS
	13-Apr-12	NS	0.87	U	NS	0.87	U	0.87	U	0.87	3.6	NS
p/m-Xylene	2-Jul-12 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	NS	4.3	U
	23-Jun-12	12	NS	1.1	0.87	U	NS	0.94	NS	NS	1.7	NS
	1-Nov-12	NS	2.1	NS	NS	2.4	NS	3.3	2.9	3.6	NS	5.3
	1-Feb-13	3.4	NS	0.44	0.38	NS	0.59	NS	NS	1.5	1.4	NS
	29-Apr-13	NS	1	NS	NS	1.2	NS	1.2	1.5	1.9	NS	2.4
	9-Jul-13	12	NS	1.9	1.8	NS	1.7	NS	NS	3.2	0.70	NS
	18-Oct-13	NS	5.0	NS	NS	5.6	NS	6.3	8.0	4.7	NS	5.9
	9-Jan-14	8.6	NS	7.2	9.3	NS	9.7	NS	NS	23	22.00	NS
	24-Apr-14	NS	0.17	U	NS	0.17	U	0.17	U	0.17	0.17	U
	1-Aug-14	4.8	NS	2.8/3.0	1.8/2.1	NS	NS	NS	NS	1.5	2.4/2.8	NS
	27-Aug-14	NS	NS	NS	NS	NS	3.6	NS	NS	NS	NS	NS
	12-Sept-14 (resample)	NS	NS	NS	NS	NS	NS	NS	1.3	NS	NS	U
	22-Oct-14	NS	0.26	U	NS	0.26	U	0.30	0.5	0.26	0.76	NS
	20-Jan-15	1.1	NS	0.21	0.30	NS	0.20	NS	NS	0.7	0.90	NS
30-Mar-15 (resample)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.1	NS
	22-Apr-15	NS	0.71	NS	NS	0.40	NS	0.8	0.66/0.76	1.3	NS	1.6
	21-Jul-15	1.5	NS	1.7 ^j	9	U	NS	1.9	NS	NS	1.8 ^o	2.3 ^o
23-Sept-15 resample	NS	NS	NS	NS	NS	0.47 ^j	NS	0.73	0.90	0.8	NS	NS
	29-Oct-15	NS	0.29 ^j	NS	NS	NS	NS	0.73	0.90	0.8	NS	1
4-Dec-15 resample	NS	0.4	U	NS	NS	NS	NS	NS	NS	NS	NS	NS
	27-Jan-16	2.4	NS	0.51	0.64	NS	0.64	NS	NS	2.5	2.7	NS
	20-Apr-16	NS	1	NS	NS	1.5	NS	2.1	1.4	2.7	NS	2.5
	20-Jul-16	16	NS	1.4	0.91	NS	1.3	NS	NS	9.3	3.2	NS
	21-Oct-16	NS	0.43	NS	NS	1.1	NS	0.77	2	4.1	NS	1.7
	31-Jan-17	2	NS	0.5	0.55	NS	0.45	NS	NS	3.3	1.9	NS
	17-Apr-17	NS	0.26	U	NS	0.27	NS	0.27	0.26	0.57	NS	0.49
	26-Jul-17	1.6	NS	0.93	0.74	NS	1.4	NS	NS	1.3	0.96	NS
	12-Oct-17	NS	0.58	NS	NS	0.68	NS	0.83	1	0.89	NS	0.96
	10-Jan-18	1.4	NS	0.33	0.62	NS	0.53	NS	NS	3.4	NS	1.3
	11-Apr-18	NS	0.35	NS	NS	1.7	U	1.7	U	0.97	NS	1.7
	23-May-18	NS	NS	NS	NS	NS	NS	NS	NS	0.31	NS	NS
	27-Jul-18	0.87	U	NS	0.87	U	0.87	U	NS	0.87	U	NS

Summary of Subslab Air Sampling Data
Alvarez School
Volatile Organic Compounds
February 2008 - July 2018

Volatile Organic Compounds via TO-15	Sample Date	MP-1		MP-2		MP-3		MP-4		MP-5		MP-6		MP-7		MP-8		IMP-1		IMP-2		IMP-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
o-Xylene	8-Feb-08	0.2		NS		NS		NS		0.23		NS		NS		NS		0.48		7.73		NS	
	27-Mar-08	NS		0.273		NS		NS		0.142		NS		NS		NS		0.844		0.478			
	25-Apr-08	NS		NS		0.37		NS		NS		NS		0.406		NS		0.735		NS		0.62	
	29-May-08	NS		NS		NS		1.48		NS		NS		NS		2.26		2.84		1.02		NS	
	27-Jun-08	4.12		NS		NS		NS		0.55		NS		NS		NS		NS		0.672		0.794	
	31-Jul-08	NS		0.835		NS		NS		NS		NS		NS		NS		0.748		NS		0.564	
	28-Aug-08	NS		NS		0.804		NS		NS		NS		0.511		NS		0.797		0.725		NS	
	30-Sep-08	NS		NS		NS		2.2		U		NS		NS		NS		2.2		U		2.2	
	27-Oct-08	9.8		NS		NS		NS		NS		NS		NS		NS		NS		U		4	
	25-Nov-08	NS		2.2		U		NS		NS		NS		2.2		U		NS		U		NS	
	18-Dec-08	NS		NS		U		NS		NS		NS		2.2		U		NS		U		2.2	
	21-Jan-09	NS		NS		NS		2.2		U		NS		NS		NS		2.2		U		2.2	
	25-Feb-09	8.9		NS		NS		NS		2.2		U		NS		NS		NS		U		NS	
	26-Mar-09	NS		0.486		NS		NS		0.868		U		NS		NS		NS		U		0.922	
	29-Apr-09	NS		NS		0.174		NS		NS		NS		0.208		NS		0.369		U		0.499	
	22-Jul-09	5.34		NS		5.34		0.868		U		NS		1.39		NS		72.7		U		1.27	
	9-Oct-09	NS		0.542		NS		NS		0.586		NS		0.343		18.1		0.629		U		0.616	
	15-Jan-10	4.51		NS		0.49		0.49		NS		NS		0.56		NS		0.833		U		0.846	
	21-Apr-10	NS		0.256		NS		NS		1.17		NS		1.56		NS		1.24		U		1.14	
	16-Jul-10	5.07		NS		2.84		2.63		NS		2.1		NS		NS		1.88		U		2.05	
	15-Oct-10	NS		0.672		NS		NS		0.837		NS		0.659		NS		1.22		U		1.14	
	26-Jan-11	1.08		1.5		NS		1.54		NS		1.11		NS		1.15		4.32		U		5.16	
	28-Feb-11	NS		NS		0.868		U		NS		NS		NS		NS		NS		U		NS	
	27-Apr-11	NS		0.286		NS		NS		0.286		NS		0.369		NS		0.456		U		0.365	
	26-Jul-11	1.87		NS		1.45		0.334		NS		0.434		U		NS		0.434		U		NS	
	28-Oct-11	NS		2.2		U		NS		2.2		U		2.2		U		3.3		U		2.2	
	23-Jan-12	2.3		NS		0.76		0.54		NS		0.79		NS		NS		1.7		U		4.6	
	13-Apr-12	NS		0.43		U		NS		0.43		U		NS		0.43		U		U		0.43	
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		U		NS	
	23-Jun-12	3		NS		0.43		U		0.43		U		0.43		U		0.59		U		NS	
	1-Nov-12	NS		0.72		NS		NS		0.85		NS		1.1		NS		1.3		U		1.8	
	1-Feb-13	1		NS		0.19		0.17		NS		0.24		NS		NS		0.64		U		0.52	
	29-Apr-13	NS		0.43		NS		NS		0.46		NS		0.41		NS		0.52		U		0.86	
	9-Jul-13	3.2		NS		0.86		0.90		NS		0.84		NS		NS		1.3		U		0.28	
	18-Oct-13	NS		1.7		NS		NS		1.9		NS		2.1		NS		1.4		U		1.7	
	9-Jan-14	3.4		NS		3.0		4.00		NS		4.1		NS		NS		9.8		U		9.6	
	24-Apr-14	NS		0.087		U		NS		0.087		U		0.087		U		0.11		U		0.087	
	1-Aug-14	1.9		NS		1.6/1.8		1.10		NS		NS		NS		NS		0.79		U		1.2/1.6	
	27-Aug-14	NS		NS		NS		NS		NS		1.3		NS		NS		NS		U		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		0.52		U		NS	
	22-Oct-14	NS		0.13		U		NS		0.13		U		0.13		U		0.2		U		0.28	
	20-Jan-15	0.29		NS		0.087		U		0.10		NS		0.087		NS		0.23		U		0.34	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		U		NS	
	22-Apr-15	NS		0.26		NS		NS		0.13		NS		0.25		NS		0.38		U		0.54	
	21-Jul-15	0.48		NS		0.59 ^j		4		U		NS		0.53		NS		0.54 ^o		U		0.73 ^o	
	23-Sept-15 resample	NS		NS		NS		NS		0.21 ^j		NS		0.34 ^j		NS	</						

APPENDIX D

Rooftop Emission Analytical Summary

Sub Slab Depressurization System Emissions Calculations

Alvarez School

Sample Date: 26 July 2017

Volatile Organic Compounds	ROOFTOP FAN 1				ROOFTOP FAN 2*				ROOFTOP FAN 3				CUMULATIVE EMISSIONS (3 fans combined)			
	Measured Flow Speed (fpm):	1945	Measured Flow Rate (cfm):	95.5	Measured Flow Speed (fpm):	2154	Measured Flow Rate (cfm):	105.7	Measured Flow Speed (fpm):	2011	Measured Flow Rate (cfm):	98.7	Hourly Emission	Daily Emission (lbs/day)	Yearly Emission (lbs/year)	
	Concentration (ug/m³)	Hourly Emission	Daily Emission (lbs/day)	Yearly Emission	Concentration (ug/m³)	Hourly Emission	Daily Emission (lbs/day)	Yearly Emission	Concentration (ug/m³)	Hourly Emission	Daily Emission (lbs/day)	Yearly Emission	Hourly Emission	Daily Emission (lbs/day)	Yearly Emission (lbs/year)	
Acetone	21	7.50E-06	1.80E-04	6.57E-02	45	1.78E-05	4.27E-04	1.56E-01	22	8.12E-06	1.95E-04	7.11E-02	3.34E-05	8.02E-04	2.93E-01	
Acrylonitrile	0.38	U	1.36E-07	3.26E-06	1.19E-03	0.63	U	2.49E-07	5.98E-06	2.18E-03	0.38	U	1.40E-07	3.37E-06	1.23E-03	
Benzene	0.27		9.64E-08	2.31E-06	8.44E-04	0.26		1.03E-07	2.47E-06	9.00E-04	0.33		1.22E-07	2.92E-06	1.07E-03	
Bromodichloromethane	0.10	U	3.57E-08	8.57E-07	3.13E-04	0.17	U	6.72E-08	1.61E-06	5.89E-04	0.10	U	3.69E-08	8.86E-07	3.23E-04	
Bromoform	0.31	U	1.11E-07	2.66E-06	9.69E-04	0.52		2.06E-07	4.93E-06	1.80E-03	0.31	U	1.14E-07	2.75E-06	1.00E-03	
2-Butanone	3.5	U	1.25E-06	3.00E-05	1.09E-02	5.9	U	2.33E-06	5.60E-05	2.04E-02	3.7		1.37E-06	3.28E-05	1.20E-02	
n-Butylbenzene	0.47	U	1.68E-07	4.03E-06	1.47E-03	0.79	U	3.12E-07	7.49E-06	2.74E-03	0.47	U	1.73E-07	4.16E-06	1.52E-03	
sec-Butylbenzene	0.38	U	1.36E-07	3.26E-06	1.19E-03	0.63	U	2.49E-07	5.98E-06	2.18E-03	0.38	U	1.40E-07	3.37E-06	1.23E-03	
Carbon Tetrachloride	0.45		1.61E-07	3.85E-06	1.41E-03	0.43		1.70E-07	4.08E-06	1.49E-03	0.46		1.70E-07	4.07E-06	1.49E-03	
Chlorobenzene	0.14	U	5.00E-08	1.20E-06	4.38E-04	0.23	U	9.09E-08	2.18E-06	7.96E-04	0.14	U	5.17E-08	1.24E-06	4.53E-04	
Chloroethane	0.079		2.82E-08	6.77E-07	2.47E-04	0.13	U	5.14E-08	1.23E-06	4.50E-04	0.079	U	2.92E-08	7.00E-07	2.55E-04	
Chloroform	0.073	U	2.61E-08	6.25E-07	2.28E-04	0.69		2.73E-07	6.55E-06	2.39E-03	0.41		1.51E-07	3.63E-06	1.33E-03	
Chloromethane	1.6		5.71E-07	1.37E-05	5.00E-03	0.21	U	8.30E-08	1.99E-06	7.27E-04	3.1		1.14E-06	2.75E-05	1.00E-02	
Dibromo-chloromethane	0.13	U	4.64E-08	1.11E-06	4.06E-04	0.21	U	8.30E-08	1.99E-06	7.27E-04	0.13	U	4.80E-08	1.15E-06	4.20E-04	
1,2-Dibromoethane	0.12	U	4.28E-08	1.03E-06	3.75E-04	0.19	U	7.51E-08	1.80E-06	6.58E-04	0.12	U	4.43E-08	1.06E-06	3.88E-04	
1,2-Dichlorobenzene	0.18	U	6.42E-08	1.54E-06	5.63E-04	0.30	U	1.19E-07	2.85E-06	1.04E-03	0.18	U	6.64E-08	1.59E-06	5.82E-04	
1,3-Dichlorobenzene	2.3		8.21E-07	1.97E-05	7.19E-03	3.0		1.19E-06	2.85E-05	1.04E-02	1.8		6.64E-07	1.59E-05	5.82E-03	
1,4-Dichlorobenzene	0.18	U	6.42E-08	1.54E-06	5.63E-04	0.30	U	1.19E-07	2.85E-06	1.04E-03	0.18	U	6.64E-08	1.59E-06	5.82E-04	
Dichlorodifluoromethane	1		3.57E-07	8.57E-06	3.13E-03	1.4		5.53E-07	1.33E-05	4.85E-03	0.92		3.39E-07	8.15E-06	2.97E-03	
1,1-Dichloroethane	0.061		2.18E-08	5.23E-07	1.91E-04	0.10	U	3.95E-08	9.49E-07	3.46E-04	0.061	U	2.25E-08	5.40E-07	1.97E-04	
1,2-Dichloroethane	0.061	U	2.18E-08	5.23E-07	1.91E-04	0.10	U	3.95E-08	9.49E-07	3.46E-04	0.061	U	2.25E-08	5.40E-07	1.97E-04	
1,1-Dichloroethene	0.059	U	2.11E-08	5.05E-07	1.84E-04	0.10	U	3.91E-08	9.39E-07	3.43E-04	0.059	U	2.18E-08	5.23E-07	1.91E-04	
cis-1,2-Dichloroethene	0.059	U	2.11E-08	5.05E-07	1.84E-04	0.10	U	3.91E-08	9.39E-07	3.43E-04	0.059	U	2.18E-08	5.23E-07	1.91E-04	
trans-1,2-Dichloroethene	0.059	U	2.11E-08	5.05E-07	1.84E-04	0.10	U	3.91E-08	9.39E-07	3.43E-04	0.059	U	2.18E-08	5.23E-07	1.91E-04	
1,2-Dichloropropane	0.069	U	2.46E-08	5.91E-07	2.16E-04	0.12	U	4.74E-08	1.14E-06	4.15E-04	0.069	U	2.55E-08	6.11E-07	2.23E-04	
cis-1,3-Dichloropropene	0.068	U	2.43E-08	5.82E-07	2.13E-04	0.11	U	4.35E-08	1.04E-06	3.81E-04	0.068	U	2.51E-08	6.02E-07	2.20E-04	
trans-1,3-Dichloropropene	0.068	U	2.43E-08	5.82E-07	2.13E-04	0.11	U	4.35E-08	1.04E-06	3.81E-04	0.068	U	2.51E-08	6.02E-07	2.20E-04	
Ethylbenzene	0.13	U	4.64E-08	1.11E-06	4.06E-04	0.22	U	8.70E-08	2.09E-06	7.62E-04	0.14	U	5.17E-08	1.24E-06	4.53E-04	
Isopropylbenzene	0.37	U	1.32E-07	3.17E-06	1.16E-03	0.62	U	2.45E-07	5.88E-06	2.15E-03	0.37	U	1.37E-07	3.28E-06	1.20E-03	
p-Isopropyltoluene	0.38	U	1.36E-07	3.26E-06	1.19E-03	0.63	U	2.49E-07	5.98E-06	2.18E-03	0.38	U	1.40E-07	3.37E-06	1.23E-03	
Methyl tert butyl ether	0.11	U	3.93E-08	9.42E-07	3.44E-04	0.18	U	7.11E-08	1.71E-06	6.23E-04	0.11	U	4.06E-08	9.74E-07	3.56E-04	
Methylene chloride	1.0		3.57E-07	8.57E-06	3.13E-03	1.7		6.72E-07	1.61E-05	5.89E-03	1.7		6.27E-07	1.51E-05	5.50E-03	
4-Methyl-2-pentanone	0.12	U	4.28E-08	1.03E-06	3.75E-04	0.3		1.19E-07	2.85E-06	1.04E-03	0.12	U	4.43E-08	1.06E-06	3.88E-04	
Styrene	0.13	U	4.64E-08	1.11E-06	4.06E-04	0.21	U	8.30E-08	1.99E-06	7.27E-04	0.13	U	4.80E-08	1.15E-06	4.20E-04	
1,1,2-Tetrachloroethane	0.37	U	1.32E-07	3.17E-06	1.16E-03	0.62	U	2.45E-07	5.88E-06	2.15E-03	0.37	U	1.37E-07	3.28E-06	1.20E-03	
1,1,2,2-Tetrachloroethane	0.10	U	3.57E-08	8.57E-07	3.13E-04	0.17	U	6.72E-08	1.61E-06	5.89E-04	0.10	U	3.69E-08	8.86E-07	3.23E-04	
Tetrachloroethene	0.44		1.57E-07	3.77E-06	1.38E-03	2.7		1.07E-06	2.56E-05	9.35E-03	0.45		1.66E-07	3.99E-06	1.45E-03	
Toluene	0.71		2.53E-07	6.08E-06	2.22E-03	0.56		2.21E-07	5.31E-06	1.94E-03	0.77		2.84E-07	6.82E-06	2.49E-03	
1,1,1-Trichloroethane	0.082	U	2.93E-08	7.02E-07	2.56E-04	0.16		6.32E-08	1.52E-06	5.54E-04	0.082	U	3.03E-08	7.26E-07	2.65E-04	
1,1,2-Trichloroethane	0.082	U	2.93E-08	7.02E-07	2.56E-04	0.14	U	5.53E-08	1.33E-06	4.85E-04	0.082	U	3.03E-08	7.26E-07	2.65E-04	
Trichloroethylene	0.71		2.53E-07	6.08E-06	2.22E-03	25		9.88E-06	2.37E-06	8.66E-02	0.19		7.01E-06	1.68E-06	6.14E-04	
Trichloroethane	1.3		4.64E-07	1.11E-05	4.06E-03	16		6.32E-06	1.52E-04	5.54E-02	1.3		4.80E-07	1.15E-05	4.20E-03	
1,2,4-Trimethylbenzene	0.15	U	5.35E-08	1.28E-06	4.69E-04	0.25	U	9.88E-08	2.37E-06	8.66E-04	0.15	U	5.54E-08	1.33E-06	4.85E-04	
1,3,5-Trimethylbenzene	0.15	U	5.35E-08	1.28E-06	4.69E-04	0.25	U	9.88E-08	2.37E-06	8.66E-04	0.15	U	5.54E-08	1.33E-06	4.85E-04	
Vinyl chloride	0.077		2.75E-08	6.60E-07	2.41E-04	0.13	U	5.14E-08	1.23E-06	4.50E-04	0.077	U	2.84E-08	6.82E-07	2.49E-04	
p,m-Xylene	0.26	U	9.28E-08	2.23E-06	8.13E-04	0.43	U	1.70E-07	4.08E-06	1.49E-03	0.29		1.07E-07	2.57E-06	9.37E-04	
o,Xylene	0.13	U	4.64E-08	1.11E-06	4.06E-04	0.22	U	8.70E-08	2.09E-06	7.62E-04	0.14		5.17E-08	1.24E-06	4.53E-04	
Total VOCs	4.00E+01	1.43E-05	3.42E-04	1.75E-01	1.12E+02	4.44E-05	1.07E-03	3.89E-01	4.28E+01	1.58E-05	3.79E-04	1.74E-01	7.28E-05	1.75E-03	2.32E-01	
RIDEM Air Pollution Control Permit Applicability Thresholds (lbs)*	10	100		20,000 (Individual VOCs) 50,000 (Total VOCs)	Not Applicable	10	100	20,000 (Individual VOCs) 50,000 (Total VOCs)	Not Applicable	10	100	20,000 (Individual VOCs) 50,000 (Total VOCs)	Not Applicable	10	100	20,000 (Individual VOCs) 50,000 (Total VOCs)

* RIDEM Air Pollution Control Regulation No. 9 [August 1971, Amended April 2004].

** Notes:
 U = Indicates that chemical was not detected by the laboratory. To be conservative, the reporting limit shown in the concentration column was used in the emissions calculations.
 L = Potential low bias due to uncertainty caused by continuing calibration not meeting method specifications or blank control sample recovery shown to be below the low side of control limits.
 H = Potential high bias due to uncertainty caused by continuing calibration not meeting method specifications or blank control sample recovery shown to be above the high side of control limits.
 B = Analyte found in associated blank sample but data is not affected by elevated level in blank since sample result is >10x level in the blank.

Where samples were analyzed with multiple dilution factors, the highest reported value is shown

APPENDIX E

Laboratory Analytical Reports



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

August 13, 2018

Frank Postma
EA Engineering Science & Tech. - RI
301 Metro Center Blvd, Suite 102
Warwick, RI 02886

Project Location: Providence, RI
Client Job Number:
Project Number: 1506606
Laboratory Work Order Number: 18G1239

Enclosed are results of analyses for samples received by the laboratory on July 30, 2018. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Aaron L. Benoit".

Aaron L. Benoit
Project Manager

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EA Engineering Science & Tech. - RI
 301 Metro Center Blvd, Suite 102
 Warwick, RI 02886
 ATTN: Frank Postma

REPORT DATE: 8/13/2018

PURCHASE ORDER NUMBER: 18155

PROJECT NUMBER: 1506606

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 18G1239

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Providence, RI

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Gymnasium	18G1239-01	Indoor air		EPA TO-15	
Cafeteria	18G1239-02	Indoor air		EPA TO-15	
Kitchen Storage	18G1239-03	Indoor air		EPA TO-15	
Elevator Hallway	18G1239-04	Indoor air		EPA TO-15	
Room 145	18G1239-05	Indoor air		EPA TO-15	
Room 152	18G1239-06	Indoor air		EPA TO-15	
Room 118	18G1239-07	Indoor air		EPA TO-15	
Room 110	18G1239-08	Indoor air		EPA TO-15	
MP-1	18G1239-09	Sub Slab		EPA TO-15	
MP-3	18G1239-10	Sub Slab		EPA TO-15	
MP-4	18G1239-11	Sub Slab		EPA TO-15	
MP-6	18G1239-12	Sub Slab		EPA TO-15	
IMP-1	18G1239-13	Sub Slab		EPA TO-15	
IMP-2	18G1239-14	Sub Slab		EPA TO-15	
Rooftop Fan-1	18G1239-15	Sub Slab		EPA TO-15	
Rooftop Fan-3	18G1239-17	Sub Slab		EPA TO-15	
Ambient Outdoor	18G1239-18	Ambient Air		EPA TO-15	



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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

EPA TO-15

Qualifications:

L-01

Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.

Analyte & Samples(s) Qualified:

n-Butylbenzene

B210155-BS1

EPA TO-15

Initial and continuing calibrations met all required performance standards for RCP compounds that are Title III Clean Air Act Amendment compounds listed in table 1 of the TO-15 method unless otherwise specified in this narrative.

Laboratory control sample recoveries and sample replicate RPDs were all within limits specified by the method for RCP compounds that are Title III Clean Air Act Amendment compounds listed in table 1 of the TO-15 method unless otherwise specified in this narrative. Recovery limits of 50-150% are used for propene, acetone, ethanol, isopropanol, ethyl acetate, tetrahydrofuran, cyclohexane, heptane, 2-hexanone, 4-ethyltoluene, n-butylbenzene, sec-butylbenzene, 4-isopropyltoluene, and 1,1,1,2-tetrachloroethane.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

A handwritten signature in black ink that reads "Lisa A. Worthington". The signature is fluid and cursive, with "Lisa A." on top and "Worthington" on the bottom.

Lisa A. Worthington
Project Manager

ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: Gymnasium**Sample ID:** 18G1239-01

Sample Matrix: Indoor air

Sampled: 7/27/2018 11:24

Sample Description/Location:

Sub Description/Location:

Canister ID: 2142

Canister Size: 6 liter

Flow Controller ID: 4288

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -29.5

Final Vacuum(in Hg): -5

Receipt Vacuum(in Hg): -5.8

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv			ug/m3			Dilution	Date/Time Analyzed	Analyst
	Results	RL	Flag/Qual	Results	RL				
Acetone	5.7	0.80		14	1.9		0.4	8/11/18 23:46	BRF
Acrylonitrile	ND	0.12		ND	0.25		0.4	8/11/18 23:46	BRF
Benzene	0.072	0.020		0.23	0.064		0.4	8/11/18 23:46	BRF
Bromodichloromethane	ND	0.010		ND	0.067		0.4	8/11/18 23:46	BRF
Bromoform	ND	0.020		ND	0.21		0.4	8/11/18 23:46	BRF
2-Butanone (MEK)	ND	0.80		ND	2.4		0.4	8/11/18 23:46	BRF
n-Butylbenzene	ND	0.058		ND	0.32		0.4	8/11/18 23:46	BRF
sec-Butylbenzene	ND	0.046		ND	0.25		0.4	8/11/18 23:46	BRF
Carbon Tetrachloride	0.068	0.010		0.43	0.063		0.4	8/11/18 23:46	BRF
Chlorobenzene	ND	0.020		ND	0.092		0.4	8/11/18 23:46	BRF
Chloroethane	ND	0.020		ND	0.053		0.4	8/11/18 23:46	BRF
Chloroform	0.025	0.010		0.12	0.049		0.4	8/11/18 23:46	BRF
Chloromethane	0.49	0.040		1.0	0.083		0.4	8/11/18 23:46	BRF
Dibromochloromethane	ND	0.010		ND	0.085		0.4	8/11/18 23:46	BRF
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077		0.4	8/11/18 23:46	BRF
1,2-Dichlorobenzene	ND	0.020		ND	0.12		0.4	8/11/18 23:46	BRF
1,3-Dichlorobenzene	ND	0.020		ND	0.12		0.4	8/11/18 23:46	BRF
1,4-Dichlorobenzene	ND	0.020		ND	0.12		0.4	8/11/18 23:46	BRF
Dichlorodifluoromethane (Freon 12)	0.16	0.020		0.78	0.099		0.4	8/11/18 23:46	BRF
1,1-Dichloroethane	ND	0.010		ND	0.040		0.4	8/11/18 23:46	BRF
1,2-Dichloroethane	ND	0.010		ND	0.040		0.4	8/11/18 23:46	BRF
1,1-Dichloroethylene	ND	0.010		ND	0.040		0.4	8/11/18 23:46	BRF
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040		0.4	8/11/18 23:46	BRF
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040		0.4	8/11/18 23:46	BRF
1,2-Dichloropropane	ND	0.010		ND	0.046		0.4	8/11/18 23:46	BRF
1,3-Dichloropropane	ND	0.054		ND	0.25		0.4	8/11/18 23:46	BRF
cis-1,3-Dichloropropene	ND	0.010		ND	0.045		0.4	8/11/18 23:46	BRF
trans-1,3-Dichloropropene	ND	0.010		ND	0.045		0.4	8/11/18 23:46	BRF
Ethylbenzene	0.040	0.020		0.17	0.087		0.4	8/11/18 23:46	BRF
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25		0.4	8/11/18 23:46	BRF
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25		0.4	8/11/18 23:46	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072		0.4	8/11/18 23:46	BRF
Methylene Chloride	0.24	0.20		0.85	0.69		0.4	8/11/18 23:46	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.020		ND	0.082		0.4	8/11/18 23:46	BRF
Styrene	ND	0.020		ND	0.085		0.4	8/11/18 23:46	BRF
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25		0.4	8/11/18 23:46	BRF
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069		0.4	8/11/18 23:46	BRF



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: Gymnasium

Sample ID: 18G1239-01

Sample Matrix: Indoor air

Sampled: 7/27/2018 11:24

Sample Description/Location:

Sub Description/Location:

Canister ID: 2142

Canister Size: 6 liter

Flow Controller ID: 4288

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -29.5

Final Vacuum(in Hg): -5

Receipt Vacuum(in Hg): -5.8

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Tetrachloroethylene	0.023	0.020		0.16	0.14	0.4	8/11/18 23:46	BRF
Toluene	0.19	0.020		0.71	0.075	0.4	8/11/18 23:46	BRF
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	8/11/18 23:46	BRF
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	8/11/18 23:46	BRF
Trichloroethylene	ND	0.010		ND	0.054	0.4	8/11/18 23:46	BRF
Trichlorofluoromethane (Freon 11)	0.20	0.080		1.1	0.45	0.4	8/11/18 23:46	BRF
1,2,4-Trimethylbenzene	ND	0.020		ND	0.098	0.4	8/11/18 23:46	BRF
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	8/11/18 23:46	BRF
Vinyl Chloride	ND	0.020		ND	0.051	0.4	8/11/18 23:46	BRF
m&p-Xylene	0.11	0.040		0.46	0.17	0.4	8/11/18 23:46	BRF
o-Xylene	0.039	0.020		0.17	0.087	0.4	8/11/18 23:46	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	94.4	70-130	8/11/18 23:46
4-Bromofluorobenzene (2)	108	70-130	8/11/18 23:46



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ANALYTICAL RESULTS

Project Location: Providence, RI
 Date Received: 7/30/2018
Field Sample #: Cafeteria
Sample ID: 18G1239-02
 Sample Matrix: Indoor air
 Sampled: 7/27/2018 11:10

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 2025
 Canister Size: 6 liter
 Flow Controller ID: 4289
 Sample Type: 30 min

Work Order: 18G1239
 Initial Vacuum(in Hg): -28
 Final Vacuum(in Hg): -5
 Receipt Vacuum(in Hg): -6.9
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Acetone	7.5	0.80		18	1.9	0.4	8/12/18 0:33	BRF
Acrylonitrile	ND	0.12		ND	0.25	0.4	8/12/18 0:33	BRF
Benzene	0.13	0.020		0.41	0.064	0.4	8/12/18 0:33	BRF
Bromodichloromethane	ND	0.010		ND	0.067	0.4	8/12/18 0:33	BRF
Bromoform	ND	0.020		ND	0.21	0.4	8/12/18 0:33	BRF
2-Butanone (MEK)	ND	0.80		ND	2.4	0.4	8/12/18 0:33	BRF
n-Butylbenzene	ND	0.058		ND	0.32	0.4	8/12/18 0:33	BRF
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	8/12/18 0:33	BRF
Carbon Tetrachloride	0.079	0.010		0.50	0.063	0.4	8/12/18 0:33	BRF
Chlorobenzene	ND	0.020		ND	0.092	0.4	8/12/18 0:33	BRF
Chloroethane	ND	0.020		ND	0.053	0.4	8/12/18 0:33	BRF
Chloroform	0.16	0.010		0.80	0.049	0.4	8/12/18 0:33	BRF
Chloromethane	0.60	0.040		1.2	0.083	0.4	8/12/18 0:33	BRF
Dibromochloromethane	ND	0.010		ND	0.085	0.4	8/12/18 0:33	BRF
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	8/12/18 0:33	BRF
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	8/12/18 0:33	BRF
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	8/12/18 0:33	BRF
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	8/12/18 0:33	BRF
Dichlorodifluoromethane (Freon 12)	0.16	0.020		0.78	0.099	0.4	8/12/18 0:33	BRF
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	8/12/18 0:33	BRF
1,2-Dichloroethane	ND	0.010		ND	0.040	0.4	8/12/18 0:33	BRF
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	8/12/18 0:33	BRF
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	8/12/18 0:33	BRF
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	8/12/18 0:33	BRF
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	8/12/18 0:33	BRF
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	8/12/18 0:33	BRF
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	8/12/18 0:33	BRF
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	8/12/18 0:33	BRF
Ethylbenzene	0.038	0.020		0.16	0.087	0.4	8/12/18 0:33	BRF
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	8/12/18 0:33	BRF
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	8/12/18 0:33	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	8/12/18 0:33	BRF
Methylene Chloride	0.38	0.20		1.3	0.69	0.4	8/12/18 0:33	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.020		ND	0.082	0.4	8/12/18 0:33	BRF
Styrene	ND	0.020		ND	0.085	0.4	8/12/18 0:33	BRF
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	8/12/18 0:33	BRF
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	8/12/18 0:33	BRF



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: Cafeteria

Sample ID: 18G1239-02

Sample Matrix: Indoor air

Sampled: 7/27/2018 11:10

Sample Description/Location:

Sub Description/Location:

Canister ID: 2025

Canister Size: 6 liter

Flow Controller ID: 4289

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -28

Final Vacuum(in Hg): -5

Receipt Vacuum(in Hg): -6.9

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Tetrachloroethylene	0.027	0.020		0.18	0.14	0.4	8/12/18 0:33	BRF
Toluene	0.34	0.020		1.3	0.075	0.4	8/12/18 0:33	BRF
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	8/12/18 0:33	BRF
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	8/12/18 0:33	BRF
Trichloroethylene	ND	0.010		ND	0.054	0.4	8/12/18 0:33	BRF
Trichlorofluoromethane (Freon 11)	0.20	0.080		1.1	0.45	0.4	8/12/18 0:33	BRF
1,2,4-Trimethylbenzene	ND	0.020		ND	0.098	0.4	8/12/18 0:33	BRF
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	8/12/18 0:33	BRF
Vinyl Chloride	ND	0.020		ND	0.051	0.4	8/12/18 0:33	BRF
m&p-Xylene	0.085	0.040		0.37	0.17	0.4	8/12/18 0:33	BRF
o-Xylene	ND	0.020		ND	0.087	0.4	8/12/18 0:33	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	93.5	70-130	8/12/18 0:33
4-Bromofluorobenzene (2)	105	70-130	8/12/18 0:33



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: Kitchen Storage

Sample ID: 18G1239-03

Sample Matrix: Indoor air

Sampled: 7/27/2018 11:14

Sample Description/Location:

Sub Description/Location:

Canister ID: 2033

Canister Size: 6 liter

Flow Controller ID: 4300

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -30

Final Vacuum(in Hg): -5

Receipt Vacuum(in Hg): -6.3

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Acetone	9.5	0.80		23	1.9	0.4	8/12/18 1:20	BRF
Acrylonitrile	ND	0.12		ND	0.25	0.4	8/12/18 1:20	BRF
Benzene	0.093	0.020		0.30	0.064	0.4	8/12/18 1:20	BRF
Bromodichloromethane	ND	0.010		ND	0.067	0.4	8/12/18 1:20	BRF
Bromoform	ND	0.020		ND	0.21	0.4	8/12/18 1:20	BRF
2-Butanone (MEK)	1.3	0.80		3.9	2.4	0.4	8/12/18 1:20	BRF
n-Butylbenzene	ND	0.058		ND	0.32	0.4	8/12/18 1:20	BRF
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	8/12/18 1:20	BRF
Carbon Tetrachloride	0.068	0.010		0.43	0.063	0.4	8/12/18 1:20	BRF
Chlorobenzene	ND	0.020		ND	0.092	0.4	8/12/18 1:20	BRF
Chloroethane	ND	0.020		ND	0.053	0.4	8/12/18 1:20	BRF
Chloroform	0.024	0.010		0.12	0.049	0.4	8/12/18 1:20	BRF
Chloromethane	0.67	0.040		1.4	0.083	0.4	8/12/18 1:20	BRF
Dibromochloromethane	ND	0.010		ND	0.085	0.4	8/12/18 1:20	BRF
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	8/12/18 1:20	BRF
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	8/12/18 1:20	BRF
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	8/12/18 1:20	BRF
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	8/12/18 1:20	BRF
Dichlorodifluoromethane (Freon 12)	0.16	0.020		0.80	0.099	0.4	8/12/18 1:20	BRF
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	8/12/18 1:20	BRF
1,2-Dichloroethane	ND	0.010		ND	0.040	0.4	8/12/18 1:20	BRF
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	8/12/18 1:20	BRF
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	8/12/18 1:20	BRF
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	8/12/18 1:20	BRF
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	8/12/18 1:20	BRF
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	8/12/18 1:20	BRF
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	8/12/18 1:20	BRF
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	8/12/18 1:20	BRF
Ethylbenzene	0.028	0.020		0.12	0.087	0.4	8/12/18 1:20	BRF
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	8/12/18 1:20	BRF
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	8/12/18 1:20	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	8/12/18 1:20	BRF
Methylene Chloride	0.34	0.20		1.2	0.69	0.4	8/12/18 1:20	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.020		ND	0.082	0.4	8/12/18 1:20	BRF
Styrene	ND	0.020		ND	0.085	0.4	8/12/18 1:20	BRF
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	8/12/18 1:20	BRF
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	8/12/18 1:20	BRF



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: Kitchen Storage

Sample ID: 18G1239-03

Sample Matrix: Indoor air

Sampled: 7/27/2018 11:14

Sample Description/Location:

Sub Description/Location:

Canister ID: 2033

Canister Size: 6 liter

Flow Controller ID: 4300

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -30

Final Vacuum(in Hg): -5

Receipt Vacuum(in Hg): -6.3

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time	
	Results	RL	Flag/Qual	Results	RL	Analyzed	Analyst
Tetrachloroethylene	ND	0.020		ND	0.14	0.4	8/12/18 1:20
Toluene	0.32	0.020		1.2	0.075	0.4	8/12/18 1:20
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	8/12/18 1:20
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	8/12/18 1:20
Trichloroethylene	ND	0.010		ND	0.054	0.4	8/12/18 1:20
Trichlorofluoromethane (Freon 11)	0.20	0.080		1.1	0.45	0.4	8/12/18 1:20
1,2,4-Trimethylbenzene	ND	0.020		ND	0.098	0.4	8/12/18 1:20
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	8/12/18 1:20
Vinyl Chloride	ND	0.020		ND	0.051	0.4	8/12/18 1:20
m&p-Xylene	0.062	0.040		0.27	0.17	0.4	8/12/18 1:20
o-Xylene	0.028	0.020		0.12	0.087	0.4	8/12/18 1:20

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	95.6	70-130	8/12/18 1:20
4-Bromofluorobenzene (2)	108	70-130	8/12/18 1:20



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: Elevator Hallway

Sample ID: 18G1239-04

Sample Matrix: Indoor air

Sampled: 7/27/2018 10:50

Sample Description/Location:

Sub Description/Location:

Canister ID: 2156

Canister Size: 6 liter

Flow Controller ID: 4295

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -27

Final Vacuum(in Hg): -2

Receipt Vacuum(in Hg): -1

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Acetone	7.8	0.80		18	1.9	0.4	8/12/18 2:06	BRF
Acrylonitrile	ND	0.12		ND	0.25	0.4	8/12/18 2:06	BRF
Benzene	0.093	0.020		0.30	0.064	0.4	8/12/18 2:06	BRF
Bromodichloromethane	ND	0.010		ND	0.067	0.4	8/12/18 2:06	BRF
Bromoform	ND	0.020		ND	0.21	0.4	8/12/18 2:06	BRF
2-Butanone (MEK)	0.82	0.80		2.4	2.4	0.4	8/12/18 2:06	BRF
n-Butylbenzene	ND	0.058		ND	0.32	0.4	8/12/18 2:06	BRF
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	8/12/18 2:06	BRF
Carbon Tetrachloride	0.073	0.010		0.46	0.063	0.4	8/12/18 2:06	BRF
Chlorobenzene	ND	0.020		ND	0.092	0.4	8/12/18 2:06	BRF
Chloroethane	ND	0.020		ND	0.053	0.4	8/12/18 2:06	BRF
Chloroform	0.10	0.010		0.49	0.049	0.4	8/12/18 2:06	BRF
Chloromethane	0.63	0.040		1.3	0.083	0.4	8/12/18 2:06	BRF
Dibromochloromethane	ND	0.010		ND	0.085	0.4	8/12/18 2:06	BRF
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	8/12/18 2:06	BRF
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	8/12/18 2:06	BRF
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	8/12/18 2:06	BRF
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	8/12/18 2:06	BRF
Dichlorodifluoromethane (Freon 12)	0.20	0.020		0.97	0.099	0.4	8/12/18 2:06	BRF
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	8/12/18 2:06	BRF
1,2-Dichloroethane	ND	0.010		ND	0.040	0.4	8/12/18 2:06	BRF
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	8/12/18 2:06	BRF
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	8/12/18 2:06	BRF
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	8/12/18 2:06	BRF
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	8/12/18 2:06	BRF
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	8/12/18 2:06	BRF
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	8/12/18 2:06	BRF
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	8/12/18 2:06	BRF
Ethylbenzene	0.039	0.020		0.17	0.087	0.4	8/12/18 2:06	BRF
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	8/12/18 2:06	BRF
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	8/12/18 2:06	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	8/12/18 2:06	BRF
Methylene Chloride	ND	0.20		ND	0.69	0.4	8/12/18 2:06	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.020		ND	0.082	0.4	8/12/18 2:06	BRF
Styrene	ND	0.020		ND	0.085	0.4	8/12/18 2:06	BRF
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	8/12/18 2:06	BRF
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	8/12/18 2:06	BRF



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: Elevator Hallway

Sample ID: 18G1239-04

Sample Matrix: Indoor air

Sampled: 7/27/2018 10:50

Sample Description/Location:

Sub Description/Location:

Canister ID: 2156

Canister Size: 6 liter

Flow Controller ID: 4295

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -27

Final Vacuum(in Hg): -2

Receipt Vacuum(in Hg): -1

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Tetrachloroethylene	0.036	0.020		0.24	0.14	0.4	8/12/18 2:06	BRF
Toluene	0.28	0.020		1.1	0.075	0.4	8/12/18 2:06	BRF
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	8/12/18 2:06	BRF
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	8/12/18 2:06	BRF
Trichloroethylene	ND	0.010		ND	0.054	0.4	8/12/18 2:06	BRF
Trichlorofluoromethane (Freon 11)	0.21	0.080		1.2	0.45	0.4	8/12/18 2:06	BRF
1,2,4-Trimethylbenzene	ND	0.020		ND	0.098	0.4	8/12/18 2:06	BRF
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	8/12/18 2:06	BRF
Vinyl Chloride	ND	0.020		ND	0.051	0.4	8/12/18 2:06	BRF
m&p-Xylene	0.097	0.040		0.42	0.17	0.4	8/12/18 2:06	BRF
o-Xylene	0.038	0.020		0.17	0.087	0.4	8/12/18 2:06	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	94.8	70-130	8/12/18 2:06
4-Bromofluorobenzene (2)	107	70-130	8/12/18 2:06



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ANALYTICAL RESULTS

Project Location: Providence, RI
 Date Received: 7/30/2018
Field Sample #: Room 145
Sample ID: 18G1239-05
 Sample Matrix: Indoor air
 Sampled: 7/27/2018 12:24

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1886
 Canister Size: 6 liter
 Flow Controller ID: 4181
 Sample Type: 30 min

Work Order: 18G1239
 Initial Vacuum(in Hg): -30
 Final Vacuum(in Hg): -5
 Receipt Vacuum(in Hg): -5.5
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Acetone	6.9	0.80		16	1.9	0.4	8/12/18 2:53	BRF
Acrylonitrile	ND	0.12		ND	0.25	0.4	8/12/18 2:53	BRF
Benzene	0.10	0.020		0.32	0.064	0.4	8/12/18 2:53	BRF
Bromodichloromethane	ND	0.010		ND	0.067	0.4	8/12/18 2:53	BRF
Bromoform	ND	0.020		ND	0.21	0.4	8/12/18 2:53	BRF
2-Butanone (MEK)	ND	0.80		ND	2.4	0.4	8/12/18 2:53	BRF
n-Butylbenzene	ND	0.058		ND	0.32	0.4	8/12/18 2:53	BRF
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	8/12/18 2:53	BRF
Carbon Tetrachloride	0.070	0.010		0.44	0.063	0.4	8/12/18 2:53	BRF
Chlorobenzene	ND	0.020		ND	0.092	0.4	8/12/18 2:53	BRF
Chloroethane	ND	0.020		ND	0.053	0.4	8/12/18 2:53	BRF
Chloroform	0.039	0.010		0.19	0.049	0.4	8/12/18 2:53	BRF
Chloromethane	0.78	0.040		1.6	0.083	0.4	8/12/18 2:53	BRF
Dibromochloromethane	ND	0.010		ND	0.085	0.4	8/12/18 2:53	BRF
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	8/12/18 2:53	BRF
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	8/12/18 2:53	BRF
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	8/12/18 2:53	BRF
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	8/12/18 2:53	BRF
Dichlorodifluoromethane (Freon 12)	0.20	0.020		0.99	0.099	0.4	8/12/18 2:53	BRF
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	8/12/18 2:53	BRF
1,2-Dichloroethane	ND	0.010		ND	0.040	0.4	8/12/18 2:53	BRF
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	8/12/18 2:53	BRF
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	8/12/18 2:53	BRF
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	8/12/18 2:53	BRF
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	8/12/18 2:53	BRF
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	8/12/18 2:53	BRF
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	8/12/18 2:53	BRF
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	8/12/18 2:53	BRF
Ethylbenzene	0.039	0.020		0.17	0.087	0.4	8/12/18 2:53	BRF
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	8/12/18 2:53	BRF
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	8/12/18 2:53	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	8/12/18 2:53	BRF
Methylene Chloride	ND	0.20		ND	0.69	0.4	8/12/18 2:53	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.020		ND	0.082	0.4	8/12/18 2:53	BRF
Styrene	ND	0.020		ND	0.085	0.4	8/12/18 2:53	BRF
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	8/12/18 2:53	BRF
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	8/12/18 2:53	BRF



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: Room 145

Sample ID: 18G1239-05

Sample Matrix: Indoor air

Sampled: 7/27/2018 12:24

Sample Description/Location:

Sub Description/Location:

Canister ID: 1886

Canister Size: 6 liter

Flow Controller ID: 4181

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -30

Final Vacuum(in Hg): -5

Receipt Vacuum(in Hg): -5.5

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Tetrachloroethylene	0.025	0.020		0.17	0.14	0.4	8/12/18 2:53	BRF
Toluene	0.27	0.020		1.00	0.075	0.4	8/12/18 2:53	BRF
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	8/12/18 2:53	BRF
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	8/12/18 2:53	BRF
Trichloroethylene	ND	0.010		ND	0.054	0.4	8/12/18 2:53	BRF
Trichlorofluoromethane (Freon 11)	0.21	0.080		1.2	0.45	0.4	8/12/18 2:53	BRF
1,2,4-Trimethylbenzene	ND	0.020		ND	0.098	0.4	8/12/18 2:53	BRF
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	8/12/18 2:53	BRF
Vinyl Chloride	ND	0.020		ND	0.051	0.4	8/12/18 2:53	BRF
m&p-Xylene	0.095	0.040		0.41	0.17	0.4	8/12/18 2:53	BRF
o-Xylene	0.038	0.020		0.17	0.087	0.4	8/12/18 2:53	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	94.3	70-130	8/12/18 2:53
4-Bromofluorobenzene (2)	107	70-130	8/12/18 2:53

ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: Room 152**Sample ID: 18G1239-06**

Sample Matrix: Indoor air

Sampled: 7/27/2018 12:25

Sample Description/Location:

Sub Description/Location:

Canister ID: 1452

Canister Size: 6 liter

Flow Controller ID: 4180

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -30

Final Vacuum(in Hg): -5

Receipt Vacuum(in Hg): -6.2

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Acetone	2.8	0.80		6.7	1.9	0.4	8/12/18 3:40	BRF
Acrylonitrile	ND	0.12		ND	0.25	0.4	8/12/18 3:40	BRF
Benzene	0.10	0.020		0.32	0.064	0.4	8/12/18 3:40	BRF
Bromodichloromethane	ND	0.010		ND	0.067	0.4	8/12/18 3:40	BRF
Bromoform	ND	0.020		ND	0.21	0.4	8/12/18 3:40	BRF
2-Butanone (MEK)	ND	0.80		ND	2.4	0.4	8/12/18 3:40	BRF
n-Butylbenzene	ND	0.058		ND	0.32	0.4	8/12/18 3:40	BRF
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	8/12/18 3:40	BRF
Carbon Tetrachloride	0.071	0.010		0.45	0.063	0.4	8/12/18 3:40	BRF
Chlorobenzene	ND	0.020		ND	0.092	0.4	8/12/18 3:40	BRF
Chloroethane	ND	0.020		ND	0.053	0.4	8/12/18 3:40	BRF
Chloroform	0.036	0.010		0.18	0.049	0.4	8/12/18 3:40	BRF
Chloromethane	0.92	0.040		1.9	0.083	0.4	8/12/18 3:40	BRF
Dibromochloromethane	ND	0.010		ND	0.085	0.4	8/12/18 3:40	BRF
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	8/12/18 3:40	BRF
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	8/12/18 3:40	BRF
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	8/12/18 3:40	BRF
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	8/12/18 3:40	BRF
Dichlorodifluoromethane (Freon 12)	0.19	0.020		0.93	0.099	0.4	8/12/18 3:40	BRF
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	8/12/18 3:40	BRF
1,2-Dichloroethane	ND	0.010		ND	0.040	0.4	8/12/18 3:40	BRF
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	8/12/18 3:40	BRF
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	8/12/18 3:40	BRF
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	8/12/18 3:40	BRF
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	8/12/18 3:40	BRF
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	8/12/18 3:40	BRF
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	8/12/18 3:40	BRF
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	8/12/18 3:40	BRF
Ethylbenzene	0.035	0.020		0.15	0.087	0.4	8/12/18 3:40	BRF
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	8/12/18 3:40	BRF
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	8/12/18 3:40	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	8/12/18 3:40	BRF
Methylene Chloride	0.26	0.20		0.90	0.69	0.4	8/12/18 3:40	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.020		ND	0.082	0.4	8/12/18 3:40	BRF
Styrene	ND	0.020		ND	0.085	0.4	8/12/18 3:40	BRF
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	8/12/18 3:40	BRF
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	8/12/18 3:40	BRF



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: Room 152

Sample ID: 18G1239-06

Sample Matrix: Indoor air

Sampled: 7/27/2018 12:25

Sample Description/Location:

Sub Description/Location:

Canister ID: 1452

Canister Size: 6 liter

Flow Controller ID: 4180

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -30

Final Vacuum(in Hg): -5

Receipt Vacuum(in Hg): -6.2

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Tetrachloroethylene	0.021	0.020		0.14	0.14	0.4	8/12/18 3:40	BRF
Toluene	0.26	0.020		0.99	0.075	0.4	8/12/18 3:40	BRF
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	8/12/18 3:40	BRF
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	8/12/18 3:40	BRF
Trichloroethylene	ND	0.010		ND	0.054	0.4	8/12/18 3:40	BRF
Trichlorofluoromethane (Freon 11)	0.21	0.080		1.2	0.45	0.4	8/12/18 3:40	BRF
1,2,4-Trimethylbenzene	ND	0.020		ND	0.098	0.4	8/12/18 3:40	BRF
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	8/12/18 3:40	BRF
Vinyl Chloride	ND	0.020		ND	0.051	0.4	8/12/18 3:40	BRF
m&p-Xylene	0.082	0.040		0.36	0.17	0.4	8/12/18 3:40	BRF
o-Xylene	0.038	0.020		0.16	0.087	0.4	8/12/18 3:40	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	95.4	70-130	8/12/18 3:40
4-Bromofluorobenzene (2)	110	70-130	8/12/18 3:40



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ANALYTICAL RESULTS

Project Location: Providence, RI
 Date Received: 7/30/2018
Field Sample #: Room 118
Sample ID: 18G1239-07
 Sample Matrix: Indoor air
 Sampled: 7/27/2018 12:17

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 2228
 Canister Size: 6 liter
 Flow Controller ID: 4206
 Sample Type: 30 min

Work Order: 18G1239
 Initial Vacuum(in Hg): -28
 Final Vacuum(in Hg): -2
 Receipt Vacuum(in Hg): -4.1
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Acetone	6.3	1.2		15	2.9	0.6	8/12/18 22:05	BRF
Acrylonitrile	ND	0.17		ND	0.37	0.6	8/12/18 22:05	BRF
Benzene	0.087	0.030		0.28	0.096	0.6	8/12/18 22:05	BRF
Bromodichloromethane	ND	0.015		ND	0.10	0.6	8/12/18 22:05	BRF
Bromoform	ND	0.030		ND	0.31	0.6	8/12/18 22:05	BRF
2-Butanone (MEK)	ND	1.2		ND	3.5	0.6	8/12/18 22:05	BRF
n-Butylbenzene	ND	0.086		ND	0.47	0.6	8/12/18 22:05	BRF
sec-Butylbenzene	ND	0.068		ND	0.38	0.6	8/12/18 22:05	BRF
Carbon Tetrachloride	0.076	0.015		0.48	0.094	0.6	8/12/18 22:05	BRF
Chlorobenzene	ND	0.030		ND	0.14	0.6	8/12/18 22:05	BRF
Chloroethane	ND	0.030		ND	0.079	0.6	8/12/18 22:05	BRF
Chloroform	0.041	0.015		0.20	0.073	0.6	8/12/18 22:05	BRF
Chloromethane	0.68	0.060		1.4	0.12	0.6	8/12/18 22:05	BRF
Dibromochloromethane	ND	0.015		ND	0.13	0.6	8/12/18 22:05	BRF
1,2-Dibromoethane (EDB)	ND	0.015		ND	0.12	0.6	8/12/18 22:05	BRF
1,2-Dichlorobenzene	ND	0.030		ND	0.18	0.6	8/12/18 22:05	BRF
1,3-Dichlorobenzene	ND	0.030		ND	0.18	0.6	8/12/18 22:05	BRF
1,4-Dichlorobenzene	ND	0.030		ND	0.18	0.6	8/12/18 22:05	BRF
Dichlorodifluoromethane (Freon 12)	0.20	0.030		1.0	0.15	0.6	8/12/18 22:05	BRF
1,1-Dichloroethane	ND	0.015		ND	0.061	0.6	8/12/18 22:05	BRF
1,2-Dichloroethane	ND	0.015		ND	0.061	0.6	8/12/18 22:05	BRF
1,1-Dichloroethylene	ND	0.015		ND	0.059	0.6	8/12/18 22:05	BRF
cis-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	8/12/18 22:05	BRF
trans-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	8/12/18 22:05	BRF
1,2-Dichloropropane	ND	0.015		ND	0.069	0.6	8/12/18 22:05	BRF
1,3-Dichloropropane	ND	0.081		ND	0.37	0.6	8/12/18 22:05	BRF
cis-1,3-Dichloropropene	ND	0.015		ND	0.068	0.6	8/12/18 22:05	BRF
trans-1,3-Dichloropropene	ND	0.015		ND	0.068	0.6	8/12/18 22:05	BRF
Ethylbenzene	ND	0.030		ND	0.13	0.6	8/12/18 22:05	BRF
Isopropylbenzene (Cumene)	ND	0.076		ND	0.37	0.6	8/12/18 22:05	BRF
p-Isopropyltoluene (p-Cymene)	ND	0.068		ND	0.38	0.6	8/12/18 22:05	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.030		ND	0.11	0.6	8/12/18 22:05	BRF
Methylene Chloride	ND	0.30		ND	1.0	0.6	8/12/18 22:05	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.030		ND	0.12	0.6	8/12/18 22:05	BRF
Styrene	ND	0.030		ND	0.13	0.6	8/12/18 22:05	BRF
1,1,1,2-Tetrachloroethane	ND	0.055		ND	0.37	0.6	8/12/18 22:05	BRF
1,1,2,2-Tetrachloroethane	ND	0.015		ND	0.10	0.6	8/12/18 22:05	BRF



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: Room 118

Sample ID: 18G1239-07

Sample Matrix: Indoor air

Sampled: 7/27/2018 12:17

Sample Description/Location:

Sub Description/Location:

Canister ID: 2228

Canister Size: 6 liter

Flow Controller ID: 4206

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -28

Final Vacuum(in Hg): -2

Receipt Vacuum(in Hg): -4.1

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Tetrachloroethylene	0.038	0.030		0.26	0.20	0.6	8/12/18 22:05	BRF
Toluene	0.22	0.030		0.81	0.11	0.6	8/12/18 22:05	BRF
1,1,1-Trichloroethane	ND	0.015		ND	0.082	0.6	8/12/18 22:05	BRF
1,1,2-Trichloroethane	ND	0.015		ND	0.082	0.6	8/12/18 22:05	BRF
Trichloroethylene	ND	0.015		ND	0.081	0.6	8/12/18 22:05	BRF
Trichlorofluoromethane (Freon 11)	0.21	0.12		1.2	0.67	0.6	8/12/18 22:05	BRF
1,2,4-Trimethylbenzene	ND	0.030		ND	0.15	0.6	8/12/18 22:05	BRF
1,3,5-Trimethylbenzene	ND	0.030		ND	0.15	0.6	8/12/18 22:05	BRF
Vinyl Chloride	ND	0.030		ND	0.077	0.6	8/12/18 22:05	BRF
m&p-Xylene	0.068	0.060		0.30	0.26	0.6	8/12/18 22:05	BRF
o-Xylene	ND	0.030		ND	0.13	0.6	8/12/18 22:05	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	94.7	70-130	8/12/18 22:05
4-Bromofluorobenzene (2)	109	70-130	8/12/18 22:05

ANALYTICAL RESULTS

Project Location: Providence, RI
Date Received: 7/30/2018
Field Sample #: Room 110
Sample ID: 18G1239-08
Sample Matrix: Indoor air
Sampled: 7/27/2018 12:19

Sample Description/Location:
Sub Description/Location:
Canister ID: 2014
Canister Size: 6 liter
Flow Controller ID: 4190
Sample Type: 30 min

Work Order: 18G1239
Initial Vacuum(in Hg): -29.5
Final Vacuum(in Hg): -3.5
Receipt Vacuum(in Hg): -4.7
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Acetone	6.9	1.2		16	2.9	0.6	8/12/18 22:51	BRF
Acrylonitrile	ND	0.17		ND	0.37	0.6	8/12/18 22:51	BRF
Benzene	0.31	0.030		1.00	0.096	0.6	8/12/18 22:51	BRF
Bromodichloromethane	ND	0.015		ND	0.10	0.6	8/12/18 22:51	BRF
Bromoform	ND	0.030		ND	0.31	0.6	8/12/18 22:51	BRF
2-Butanone (MEK)	ND	1.2		ND	3.5	0.6	8/12/18 22:51	BRF
n-Butylbenzene	ND	0.086		ND	0.47	0.6	8/12/18 22:51	BRF
sec-Butylbenzene	ND	0.068		ND	0.38	0.6	8/12/18 22:51	BRF
Carbon Tetrachloride	0.074	0.015		0.47	0.094	0.6	8/12/18 22:51	BRF
Chlorobenzene	ND	0.030		ND	0.14	0.6	8/12/18 22:51	BRF
Chloroethane	ND	0.030		ND	0.079	0.6	8/12/18 22:51	BRF
Chloroform	0.048	0.015		0.23	0.073	0.6	8/12/18 22:51	BRF
Chloromethane	0.61	0.060		1.3	0.12	0.6	8/12/18 22:51	BRF
Dibromochloromethane	ND	0.015		ND	0.13	0.6	8/12/18 22:51	BRF
1,2-Dibromoethane (EDB)	ND	0.015		ND	0.12	0.6	8/12/18 22:51	BRF
1,2-Dichlorobenzene	ND	0.030		ND	0.18	0.6	8/12/18 22:51	BRF
1,3-Dichlorobenzene	ND	0.030		ND	0.18	0.6	8/12/18 22:51	BRF
1,4-Dichlorobenzene	ND	0.030		ND	0.18	0.6	8/12/18 22:51	BRF
Dichlorodifluoromethane (Freon 12)	0.19	0.030		0.96	0.15	0.6	8/12/18 22:51	BRF
1,1-Dichloroethane	ND	0.015		ND	0.061	0.6	8/12/18 22:51	BRF
1,2-Dichloroethane	ND	0.015		ND	0.061	0.6	8/12/18 22:51	BRF
1,1-Dichloroethylene	ND	0.015		ND	0.059	0.6	8/12/18 22:51	BRF
cis-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	8/12/18 22:51	BRF
trans-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	8/12/18 22:51	BRF
1,2-Dichloropropane	ND	0.015		ND	0.069	0.6	8/12/18 22:51	BRF
1,3-Dichloropropane	ND	0.081		ND	0.37	0.6	8/12/18 22:51	BRF
cis-1,3-Dichloropropene	ND	0.015		ND	0.068	0.6	8/12/18 22:51	BRF
trans-1,3-Dichloropropene	ND	0.015		ND	0.068	0.6	8/12/18 22:51	BRF
Ethylbenzene	0.25	0.030		1.1	0.13	0.6	8/12/18 22:51	BRF
Isopropylbenzene (Cumene)	0.16	0.076		0.79	0.37	0.6	8/12/18 22:51	BRF
p-Isopropyltoluene (p-Cymene)	0.20	0.068		1.1	0.38	0.6	8/12/18 22:51	BRF
Methyl tert-Butyl Ether (MTBE)	0.26	0.030		0.95	0.11	0.6	8/12/18 22:51	BRF
Methylene Chloride	ND	0.30		ND	1.0	0.6	8/12/18 22:51	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.030		ND	0.12	0.6	8/12/18 22:51	BRF
Styrene	ND	0.030		ND	0.13	0.6	8/12/18 22:51	BRF
1,1,1,2-Tetrachloroethane	ND	0.055		ND	0.37	0.6	8/12/18 22:51	BRF
1,1,2,2-Tetrachloroethane	ND	0.015		ND	0.10	0.6	8/12/18 22:51	BRF



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: Room 110

Sample ID: 18G1239-08

Sample Matrix: Indoor air

Sampled: 7/27/2018 12:19

Sample Description/Location:

Sub Description/Location:

Canister ID: 2014

Canister Size: 6 liter

Flow Controller ID: 4190

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -29.5

Final Vacuum(in Hg): -3.5

Receipt Vacuum(in Hg): -4.7

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv			ug/m3			Dilution	Date/Time Analyzed	Analyst
	Results	RL	Flag/Qual	Results	RL				
Tetrachloroethylene	ND	0.030		ND	0.20		0.6	8/12/18 22:51	BRF
Toluene	0.46	0.030		1.7	0.11		0.6	8/12/18 22:51	BRF
1,1,1-Trichloroethane	ND	0.015		ND	0.082		0.6	8/12/18 22:51	BRF
1,1,2-Trichloroethane	ND	0.015		ND	0.082		0.6	8/12/18 22:51	BRF
Trichloroethylene	ND	0.015		ND	0.081		0.6	8/12/18 22:51	BRF
Trichlorofluoromethane (Freon 11)	0.21	0.12		1.2	0.67		0.6	8/12/18 22:51	BRF
1,2,4-Trimethylbenzene	ND	0.030		ND	0.15		0.6	8/12/18 22:51	BRF
1,3,5-Trimethylbenzene	0.20	0.030		0.97	0.15		0.6	8/12/18 22:51	BRF
Vinyl Chloride	ND	0.030		ND	0.077		0.6	8/12/18 22:51	BRF
m&p-Xylene	0.28	0.060		1.2	0.26		0.6	8/12/18 22:51	BRF
o-Xylene	0.24	0.030		1.0	0.13		0.6	8/12/18 22:51	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	97.1	70-130	8/12/18 22:51
4-Bromofluorobenzene (2)	112	70-130	8/12/18 22:51



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ANALYTICAL RESULTS

Project Location: Providence, RI
 Date Received: 7/30/2018
Field Sample #: MP-1
Sample ID: 18G1239-09
 Sample Matrix: Sub Slab
 Sampled: 7/27/2018 09:42

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1996
 Canister Size: 6 liter
 Flow Controller ID: 4285
 Sample Type: 30 min

Work Order: 18G1239
 Initial Vacuum(in Hg): -28
 Final Vacuum(in Hg): -5
 Receipt Vacuum(in Hg): -6.8
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Acetone	31	4.0		73	9.5	2	8/13/18 4:43	BRF
Acrylonitrile	ND	0.58		ND	1.2	2	8/13/18 4:43	BRF
Benzene	ND	0.10		ND	0.32	2	8/13/18 4:43	BRF
Bromodichloromethane	ND	0.050		ND	0.34	2	8/13/18 4:43	BRF
Bromoform	ND	0.10		ND	1.0	2	8/13/18 4:43	BRF
2-Butanone (MEK)	7.5	4.0		22	12	2	8/13/18 4:43	BRF
n-Butylbenzene	ND	0.29		ND	1.6	2	8/13/18 4:43	BRF
sec-Butylbenzene	ND	0.23		ND	1.3	2	8/13/18 4:43	BRF
Carbon Tetrachloride	ND	0.050		ND	0.31	2	8/13/18 4:43	BRF
Chlorobenzene	ND	0.10		ND	0.46	2	8/13/18 4:43	BRF
Chloroethane	ND	0.10		ND	0.26	2	8/13/18 4:43	BRF
Chloroform	ND	0.050		ND	0.24	2	8/13/18 4:43	BRF
Chloromethane	2.2	0.20		4.5	0.41	2	8/13/18 4:43	BRF
Dibromochloromethane	ND	0.050		ND	0.43	2	8/13/18 4:43	BRF
1,2-Dibromoethane (EDB)	ND	0.050		ND	0.38	2	8/13/18 4:43	BRF
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	8/13/18 4:43	BRF
1,3-Dichlorobenzene	0.56	0.10		3.4	0.60	2	8/13/18 4:43	BRF
1,4-Dichlorobenzene	ND	0.10		ND	0.60	2	8/13/18 4:43	BRF
Dichlorodifluoromethane (Freon 12)	0.33	0.10		1.6	0.49	2	8/13/18 4:43	BRF
1,1-Dichloroethane	ND	0.050		ND	0.20	2	8/13/18 4:43	BRF
1,2-Dichloroethane	ND	0.050		ND	0.20	2	8/13/18 4:43	BRF
1,1-Dichloroethylene	ND	0.050		ND	0.20	2	8/13/18 4:43	BRF
cis-1,2-Dichloroethylene	ND	0.050		ND	0.20	2	8/13/18 4:43	BRF
trans-1,2-Dichloroethylene	ND	0.050		ND	0.20	2	8/13/18 4:43	BRF
1,2-Dichloropropane	ND	0.050		ND	0.23	2	8/13/18 4:43	BRF
1,3-Dichloropropane	ND	0.27		ND	1.2	2	8/13/18 4:43	BRF
cis-1,3-Dichloropropene	ND	0.050		ND	0.23	2	8/13/18 4:43	BRF
trans-1,3-Dichloropropene	ND	0.050		ND	0.23	2	8/13/18 4:43	BRF
Ethylbenzene	ND	0.10		ND	0.43	2	8/13/18 4:43	BRF
Isopropylbenzene (Cumene)	ND	0.25		ND	1.2	2	8/13/18 4:43	BRF
p-Isopropyltoluene (p-Cymene)	ND	0.23		ND	1.3	2	8/13/18 4:43	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	8/13/18 4:43	BRF
Methylene Chloride	ND	1.0		ND	3.5	2	8/13/18 4:43	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.10		ND	0.41	2	8/13/18 4:43	BRF
Styrene	ND	0.10		ND	0.43	2	8/13/18 4:43	BRF
1,1,1,2-Tetrachloroethane	ND	0.18		ND	1.2	2	8/13/18 4:43	BRF
1,1,2,2-Tetrachloroethane	ND	0.050		ND	0.34	2	8/13/18 4:43	BRF



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: MP-1

Sample ID: 18G1239-09

Sample Matrix: Sub Slab

Sampled: 7/27/2018 09:42

Sample Description/Location:

Sub Description/Location:

Canister ID: 1996

Canister Size: 6 liter

Flow Controller ID: 4285

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -28

Final Vacuum(in Hg): -5

Receipt Vacuum(in Hg): -6.8

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Tetrachloroethylene	ND	0.10		ND	0.68	2	8/13/18 4:43	BRF
Toluene	0.32	0.10		1.2	0.38	2	8/13/18 4:43	BRF
1,1,1-Trichloroethane	ND	0.050		ND	0.27	2	8/13/18 4:43	BRF
1,1,2-Trichloroethane	ND	0.050		ND	0.27	2	8/13/18 4:43	BRF
Trichloroethylene	ND	0.050		ND	0.27	2	8/13/18 4:43	BRF
Trichlorofluoromethane (Freon 11)	ND	0.40		ND	2.2	2	8/13/18 4:43	BRF
1,2,4-Trimethylbenzene	ND	0.10		ND	0.49	2	8/13/18 4:43	BRF
1,3,5-Trimethylbenzene	ND	0.10		ND	0.49	2	8/13/18 4:43	BRF
Vinyl Chloride	ND	0.10		ND	0.26	2	8/13/18 4:43	BRF
m&p-Xylene	ND	0.20		ND	0.87	2	8/13/18 4:43	BRF
o-Xylene	ND	0.10		ND	0.43	2	8/13/18 4:43	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	96.9	70-130	8/13/18 4:43
4-Bromofluorobenzene (2)	112	70-130	8/13/18 4:43



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ANALYTICAL RESULTS

Project Location: Providence, RI
 Date Received: 7/30/2018
Field Sample #: MP-3
Sample ID: 18G1239-10
 Sample Matrix: Sub Slab
 Sampled: 7/27/2018 09:36

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 2015
 Canister Size: 6 liter
 Flow Controller ID: 4194
 Sample Type: 30 min

Work Order: 18G1239
 Initial Vacuum(in Hg): -28
 Final Vacuum(in Hg): -2
 Receipt Vacuum(in Hg): -3.9
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Acetone	46	4.0		110	9.5	2	8/13/18 5:21	BRF
Acrylonitrile	ND	0.58		ND	1.2	2	8/13/18 5:21	BRF
Benzene	0.19	0.10		0.60	0.32	2	8/13/18 5:21	BRF
Bromodichloromethane	ND	0.050		ND	0.34	2	8/13/18 5:21	BRF
Bromoform	ND	0.10		ND	1.0	2	8/13/18 5:21	BRF
2-Butanone (MEK)	8.0	4.0		24	12	2	8/13/18 5:21	BRF
n-Butylbenzene	ND	0.29		ND	1.6	2	8/13/18 5:21	BRF
sec-Butylbenzene	ND	0.23		ND	1.3	2	8/13/18 5:21	BRF
Carbon Tetrachloride	ND	0.050		ND	0.31	2	8/13/18 5:21	BRF
Chlorobenzene	ND	0.10		ND	0.46	2	8/13/18 5:21	BRF
Chloroethane	ND	0.10		ND	0.26	2	8/13/18 5:21	BRF
Chloroform	ND	0.050		ND	0.24	2	8/13/18 5:21	BRF
Chloromethane	1.6	0.20		3.4	0.41	2	8/13/18 5:21	BRF
Dibromochloromethane	ND	0.050		ND	0.43	2	8/13/18 5:21	BRF
1,2-Dibromoethane (EDB)	ND	0.050		ND	0.38	2	8/13/18 5:21	BRF
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	8/13/18 5:21	BRF
1,3-Dichlorobenzene	1.1	0.10		6.4	0.60	2	8/13/18 5:21	BRF
1,4-Dichlorobenzene	ND	0.10		ND	0.60	2	8/13/18 5:21	BRF
Dichlorodifluoromethane (Freon 12)	0.33	0.10		1.7	0.49	2	8/13/18 5:21	BRF
1,1-Dichloroethane	ND	0.050		ND	0.20	2	8/13/18 5:21	BRF
1,2-Dichloroethane	ND	0.050		ND	0.20	2	8/13/18 5:21	BRF
1,1-Dichloroethylene	ND	0.050		ND	0.20	2	8/13/18 5:21	BRF
cis-1,2-Dichloroethylene	ND	0.050		ND	0.20	2	8/13/18 5:21	BRF
trans-1,2-Dichloroethylene	ND	0.050		ND	0.20	2	8/13/18 5:21	BRF
1,2-Dichloropropane	ND	0.050		ND	0.23	2	8/13/18 5:21	BRF
1,3-Dichloropropane	ND	0.27		ND	1.2	2	8/13/18 5:21	BRF
cis-1,3-Dichloropropene	ND	0.050		ND	0.23	2	8/13/18 5:21	BRF
trans-1,3-Dichloropropene	ND	0.050		ND	0.23	2	8/13/18 5:21	BRF
Ethylbenzene	ND	0.10		ND	0.43	2	8/13/18 5:21	BRF
Isopropylbenzene (Cumene)	ND	0.25		ND	1.2	2	8/13/18 5:21	BRF
p-Isopropyltoluene (p-Cymene)	ND	0.23		ND	1.3	2	8/13/18 5:21	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	8/13/18 5:21	BRF
Methylene Chloride	ND	1.0		ND	3.5	2	8/13/18 5:21	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.10		ND	0.41	2	8/13/18 5:21	BRF
Styrene	ND	0.10		ND	0.43	2	8/13/18 5:21	BRF
1,1,1,2-Tetrachloroethane	ND	0.18		ND	1.2	2	8/13/18 5:21	BRF
1,1,2,2-Tetrachloroethane	ND	0.050		ND	0.34	2	8/13/18 5:21	BRF



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: MP-3

Sample ID: 18G1239-10

Sample Matrix: Sub Slab

Sampled: 7/27/2018 09:36

Sample Description/Location:

Sub Description/Location:

Canister ID: 2015

Canister Size: 6 liter

Flow Controller ID: 4194

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -28

Final Vacuum(in Hg): -2

Receipt Vacuum(in Hg): -3.9

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Tetrachloroethylene	ND	0.10		ND	0.68	2	8/13/18 5:21	BRF
Toluene	0.51	0.10		1.9	0.38	2	8/13/18 5:21	BRF
1,1,1-Trichloroethane	ND	0.050		ND	0.27	2	8/13/18 5:21	BRF
1,1,2-Trichloroethane	ND	0.050		ND	0.27	2	8/13/18 5:21	BRF
Trichloroethylene	ND	0.050		ND	0.27	2	8/13/18 5:21	BRF
Trichlorofluoromethane (Freon 11)	ND	0.40		ND	2.2	2	8/13/18 5:21	BRF
1,2,4-Trimethylbenzene	ND	0.10		ND	0.49	2	8/13/18 5:21	BRF
1,3,5-Trimethylbenzene	ND	0.10		ND	0.49	2	8/13/18 5:21	BRF
Vinyl Chloride	ND	0.10		ND	0.26	2	8/13/18 5:21	BRF
m&p-Xylene	ND	0.20		ND	0.87	2	8/13/18 5:21	BRF
o-Xylene	ND	0.10		ND	0.43	2	8/13/18 5:21	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	106	70-130	8/13/18 5:21
4-Bromofluorobenzene (2)	123	70-130	8/13/18 5:21

ANALYTICAL RESULTS

Project Location: Providence, RI
Date Received: 7/30/2018
Field Sample #: MP-4
Sample ID: 18G1239-11
Sample Matrix: Sub Slab
Sampled: 7/27/2018 09:56

Sample Description/Location:
Sub Description/Location:
Canister ID: 2130
Canister Size: 6 liter
Flow Controller ID: 4310
Sample Type: 30 min

Work Order: 18G1239
Initial Vacuum(in Hg): -30
Final Vacuum(in Hg): -3.5
Receipt Vacuum(in Hg): -4.1
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Acetone	53	4.0		130	9.5	2	8/13/18 5:59	BRF
Acrylonitrile	ND	0.58		ND	1.2	2	8/13/18 5:59	BRF
Benzene	0.12	0.10		0.39	0.32	2	8/13/18 5:59	BRF
Bromodichloromethane	ND	0.050		ND	0.34	2	8/13/18 5:59	BRF
Bromoform	ND	0.10		ND	1.0	2	8/13/18 5:59	BRF
2-Butanone (MEK)	ND	4.0		ND	12	2	8/13/18 5:59	BRF
n-Butylbenzene	ND	0.29		ND	1.6	2	8/13/18 5:59	BRF
sec-Butylbenzene	ND	0.23		ND	1.3	2	8/13/18 5:59	BRF
Carbon Tetrachloride	ND	0.050		ND	0.31	2	8/13/18 5:59	BRF
Chlorobenzene	ND	0.10		ND	0.46	2	8/13/18 5:59	BRF
Chloroethane	ND	0.10		ND	0.26	2	8/13/18 5:59	BRF
Chloroform	ND	0.050		ND	0.24	2	8/13/18 5:59	BRF
Chloromethane	2.6	0.20		5.5	0.41	2	8/13/18 5:59	BRF
Dibromochloromethane	ND	0.050		ND	0.43	2	8/13/18 5:59	BRF
1,2-Dibromoethane (EDB)	ND	0.050		ND	0.38	2	8/13/18 5:59	BRF
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	8/13/18 5:59	BRF
1,3-Dichlorobenzene	0.74	0.10		4.4	0.60	2	8/13/18 5:59	BRF
1,4-Dichlorobenzene	ND	0.10		ND	0.60	2	8/13/18 5:59	BRF
Dichlorodifluoromethane (Freon 12)	0.33	0.10		1.6	0.49	2	8/13/18 5:59	BRF
1,1-Dichloroethane	ND	0.050		ND	0.20	2	8/13/18 5:59	BRF
1,2-Dichloroethane	ND	0.050		ND	0.20	2	8/13/18 5:59	BRF
1,1-Dichloroethylene	ND	0.050		ND	0.20	2	8/13/18 5:59	BRF
cis-1,2-Dichloroethylene	ND	0.050		ND	0.20	2	8/13/18 5:59	BRF
trans-1,2-Dichloroethylene	ND	0.050		ND	0.20	2	8/13/18 5:59	BRF
1,2-Dichloropropane	ND	0.050		ND	0.23	2	8/13/18 5:59	BRF
1,3-Dichloropropane	ND	0.27		ND	1.2	2	8/13/18 5:59	BRF
cis-1,3-Dichloropropene	ND	0.050		ND	0.23	2	8/13/18 5:59	BRF
trans-1,3-Dichloropropene	ND	0.050		ND	0.23	2	8/13/18 5:59	BRF
Ethylbenzene	ND	0.10		ND	0.43	2	8/13/18 5:59	BRF
Isopropylbenzene (Cumene)	ND	0.25		ND	1.2	2	8/13/18 5:59	BRF
p-Isopropyltoluene (p-Cymene)	ND	0.23		ND	1.3	2	8/13/18 5:59	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	8/13/18 5:59	BRF
Methylene Chloride	ND	1.0		ND	3.5	2	8/13/18 5:59	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.10		ND	0.41	2	8/13/18 5:59	BRF
Styrene	ND	0.10		ND	0.43	2	8/13/18 5:59	BRF
1,1,1,2-Tetrachloroethane	ND	0.18		ND	1.2	2	8/13/18 5:59	BRF
1,1,2,2-Tetrachloroethane	ND	0.050		ND	0.34	2	8/13/18 5:59	BRF



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: MP-4

Sample ID: 18G1239-11

Sample Matrix: Sub Slab

Sampled: 7/27/2018 09:56

Sample Description/Location:

Sub Description/Location:

Canister ID: 2130

Canister Size: 6 liter

Flow Controller ID: 4310

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -30

Final Vacuum(in Hg): -3.5

Receipt Vacuum(in Hg): -4.1

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Tetrachloroethylene	0.37	0.10		2.5	0.68	2	8/13/18 5:59	BRF
Toluene	0.20	0.10		0.75	0.38	2	8/13/18 5:59	BRF
1,1,1-Trichloroethane	ND	0.050		ND	0.27	2	8/13/18 5:59	BRF
1,1,2-Trichloroethane	ND	0.050		ND	0.27	2	8/13/18 5:59	BRF
Trichloroethylene	26	0.050		140	0.27	2	8/13/18 5:59	BRF
Trichlorofluoromethane (Freon 11)	4.2	0.40		24	2.2	2	8/13/18 5:59	BRF
1,2,4-Trimethylbenzene	ND	0.10		ND	0.49	2	8/13/18 5:59	BRF
1,3,5-Trimethylbenzene	ND	0.10		ND	0.49	2	8/13/18 5:59	BRF
Vinyl Chloride	ND	0.10		ND	0.26	2	8/13/18 5:59	BRF
m&p-Xylene	ND	0.20		ND	0.87	2	8/13/18 5:59	BRF
o-Xylene	ND	0.10		ND	0.43	2	8/13/18 5:59	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	103	70-130	8/13/18 5:59
4-Bromofluorobenzene (2)	122	70-130	8/13/18 5:59



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ANALYTICAL RESULTS

Project Location: Providence, RI
 Date Received: 7/30/2018
Field Sample #: MP-6
Sample ID: 18G1239-12
 Sample Matrix: Sub Slab
 Sampled: 7/27/2018 09:29

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 2146
 Canister Size: 6 liter
 Flow Controller ID: 4311
 Sample Type: 30 min

Work Order: 18G1239
 Initial Vacuum(in Hg): -29
 Final Vacuum(in Hg): -4
 Receipt Vacuum(in Hg): -6
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Acetone	33	4.0		77	9.5	2	8/13/18 6:38	BRF
Acrylonitrile	ND	0.58		ND	1.2	2	8/13/18 6:38	BRF
Benzene	0.13	0.10		0.43	0.32	2	8/13/18 6:38	BRF
Bromodichloromethane	ND	0.050		ND	0.34	2	8/13/18 6:38	BRF
Bromoform	ND	0.10		ND	1.0	2	8/13/18 6:38	BRF
2-Butanone (MEK)	ND	4.0		ND	12	2	8/13/18 6:38	BRF
n-Butylbenzene	ND	0.29		ND	1.6	2	8/13/18 6:38	BRF
sec-Butylbenzene	ND	0.23		ND	1.3	2	8/13/18 6:38	BRF
Carbon Tetrachloride	ND	0.050		ND	0.31	2	8/13/18 6:38	BRF
Chlorobenzene	ND	0.10		ND	0.46	2	8/13/18 6:38	BRF
Chloroethane	ND	0.10		ND	0.26	2	8/13/18 6:38	BRF
Chloroform	ND	0.050		ND	0.24	2	8/13/18 6:38	BRF
Chloromethane	1.2	0.20		2.6	0.41	2	8/13/18 6:38	BRF
Dibromochloromethane	ND	0.050		ND	0.43	2	8/13/18 6:38	BRF
1,2-Dibromoethane (EDB)	ND	0.050		ND	0.38	2	8/13/18 6:38	BRF
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	8/13/18 6:38	BRF
1,3-Dichlorobenzene	0.69	0.10		4.1	0.60	2	8/13/18 6:38	BRF
1,4-Dichlorobenzene	ND	0.10		ND	0.60	2	8/13/18 6:38	BRF
Dichlorodifluoromethane (Freon 12)	0.29	0.10		1.5	0.49	2	8/13/18 6:38	BRF
1,1-Dichloroethane	ND	0.050		ND	0.20	2	8/13/18 6:38	BRF
1,2-Dichloroethane	ND	0.050		ND	0.20	2	8/13/18 6:38	BRF
1,1-Dichloroethylene	ND	0.050		ND	0.20	2	8/13/18 6:38	BRF
cis-1,2-Dichloroethylene	ND	0.050		ND	0.20	2	8/13/18 6:38	BRF
trans-1,2-Dichloroethylene	ND	0.050		ND	0.20	2	8/13/18 6:38	BRF
1,2-Dichloropropane	ND	0.050		ND	0.23	2	8/13/18 6:38	BRF
1,3-Dichloropropane	ND	0.27		ND	1.2	2	8/13/18 6:38	BRF
cis-1,3-Dichloropropene	ND	0.050		ND	0.23	2	8/13/18 6:38	BRF
trans-1,3-Dichloropropene	ND	0.050		ND	0.23	2	8/13/18 6:38	BRF
Ethylbenzene	ND	0.10		ND	0.43	2	8/13/18 6:38	BRF
Isopropylbenzene (Cumene)	ND	0.25		ND	1.2	2	8/13/18 6:38	BRF
p-Isopropyltoluene (p-Cymene)	ND	0.23		ND	1.3	2	8/13/18 6:38	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	8/13/18 6:38	BRF
Methylene Chloride	ND	1.0		ND	3.5	2	8/13/18 6:38	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.10		ND	0.41	2	8/13/18 6:38	BRF
Styrene	ND	0.10		ND	0.43	2	8/13/18 6:38	BRF
1,1,1,2-Tetrachloroethane	ND	0.18		ND	1.2	2	8/13/18 6:38	BRF
1,1,2,2-Tetrachloroethane	ND	0.050		ND	0.34	2	8/13/18 6:38	BRF



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: MP-6

Sample ID: 18G1239-12

Sample Matrix: Sub Slab

Sampled: 7/27/2018 09:29

Sample Description/Location:

Sub Description/Location:

Canister ID: 2146

Canister Size: 6 liter

Flow Controller ID: 4311

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -29

Final Vacuum(in Hg): -4

Receipt Vacuum(in Hg): -6

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Tetrachloroethylene	0.32	0.10		2.2	0.68	2	8/13/18 6:38	BRF
Toluene	0.43	0.10		1.6	0.38	2	8/13/18 6:38	BRF
1,1,1-Trichloroethane	ND	0.050		ND	0.27	2	8/13/18 6:38	BRF
1,1,2-Trichloroethane	ND	0.050		ND	0.27	2	8/13/18 6:38	BRF
Trichloroethylene	0.13	0.050		0.68	0.27	2	8/13/18 6:38	BRF
Trichlorofluoromethane (Freon 11)	ND	0.40		ND	2.2	2	8/13/18 6:38	BRF
1,2,4-Trimethylbenzene	ND	0.10		ND	0.49	2	8/13/18 6:38	BRF
1,3,5-Trimethylbenzene	ND	0.10		ND	0.49	2	8/13/18 6:38	BRF
Vinyl Chloride	ND	0.10		ND	0.26	2	8/13/18 6:38	BRF
m&p-Xylene	ND	0.20		ND	0.87	2	8/13/18 6:38	BRF
o-Xylene	ND	0.10		ND	0.43	2	8/13/18 6:38	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	104	70-130	8/13/18 6:38
4-Bromofluorobenzene (2)	123	70-130	8/13/18 6:38



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ANALYTICAL RESULTS

Project Location: Providence, RI
 Date Received: 7/30/2018
Field Sample #: IMP-1
Sample ID: 18G1239-13
 Sample Matrix: Sub Slab
 Sampled: 7/27/2018 10:57

Sample Description/Location:
 Sub Description/Location:
 Canister ID: 1843
 Canister Size: 6 liter
 Flow Controller ID: 4283
 Sample Type: 30 min

Work Order: 18G1239
 Initial Vacuum(in Hg): -28
 Final Vacuum(in Hg): -4
 Receipt Vacuum(in Hg): -5.7
 Flow Controller Type: Fixed-Orifice
 Flow Controller Calibration
 RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Acetone	35	4.0		83	9.5	2	8/13/18 7:16	BRF
Acrylonitrile	ND	0.58		ND	1.2	2	8/13/18 7:16	BRF
Benzene	0.12	0.10		0.37	0.32	2	8/13/18 7:16	BRF
Bromodichloromethane	ND	0.050		ND	0.34	2	8/13/18 7:16	BRF
Bromoform	ND	0.10		ND	1.0	2	8/13/18 7:16	BRF
2-Butanone (MEK)	6.6	4.0		20	12	2	8/13/18 7:16	BRF
n-Butylbenzene	ND	0.29		ND	1.6	2	8/13/18 7:16	BRF
sec-Butylbenzene	ND	0.23		ND	1.3	2	8/13/18 7:16	BRF
Carbon Tetrachloride	ND	0.050		ND	0.31	2	8/13/18 7:16	BRF
Chlorobenzene	ND	0.10		ND	0.46	2	8/13/18 7:16	BRF
Chloroethane	ND	0.10		ND	0.26	2	8/13/18 7:16	BRF
Chloroform	0.65	0.050		3.2	0.24	2	8/13/18 7:16	BRF
Chloromethane	ND	0.20		ND	0.41	2	8/13/18 7:16	BRF
Dibromochloromethane	ND	0.050		ND	0.43	2	8/13/18 7:16	BRF
1,2-Dibromoethane (EDB)	ND	0.050		ND	0.38	2	8/13/18 7:16	BRF
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	8/13/18 7:16	BRF
1,3-Dichlorobenzene	0.19	0.10		1.1	0.60	2	8/13/18 7:16	BRF
1,4-Dichlorobenzene	ND	0.10		ND	0.60	2	8/13/18 7:16	BRF
Dichlorodifluoromethane (Freon 12)	0.29	0.10		1.4	0.49	2	8/13/18 7:16	BRF
1,1-Dichloroethane	ND	0.050		ND	0.20	2	8/13/18 7:16	BRF
1,2-Dichloroethane	ND	0.050		ND	0.20	2	8/13/18 7:16	BRF
1,1-Dichloroethylene	ND	0.050		ND	0.20	2	8/13/18 7:16	BRF
cis-1,2-Dichloroethylene	ND	0.050		ND	0.20	2	8/13/18 7:16	BRF
trans-1,2-Dichloroethylene	ND	0.050		ND	0.20	2	8/13/18 7:16	BRF
1,2-Dichloropropane	ND	0.050		ND	0.23	2	8/13/18 7:16	BRF
1,3-Dichloropropane	ND	0.27		ND	1.2	2	8/13/18 7:16	BRF
cis-1,3-Dichloropropene	ND	0.050		ND	0.23	2	8/13/18 7:16	BRF
trans-1,3-Dichloropropene	ND	0.050		ND	0.23	2	8/13/18 7:16	BRF
Ethylbenzene	ND	0.10		ND	0.43	2	8/13/18 7:16	BRF
Isopropylbenzene (Cumene)	ND	0.25		ND	1.2	2	8/13/18 7:16	BRF
p-Isopropyltoluene (p-Cymene)	ND	0.23		ND	1.3	2	8/13/18 7:16	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	8/13/18 7:16	BRF
Methylene Chloride	ND	1.0		ND	3.5	2	8/13/18 7:16	BRF
4-Methyl-2-pentanone (MIBK)	0.35	0.10		1.4	0.41	2	8/13/18 7:16	BRF
Styrene	0.16	0.10		0.68	0.43	2	8/13/18 7:16	BRF
1,1,1,2-Tetrachloroethane	ND	0.18		ND	1.2	2	8/13/18 7:16	BRF
1,1,2,2-Tetrachloroethane	ND	0.050		ND	0.34	2	8/13/18 7:16	BRF



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: IMP-1

Sample ID: 18G1239-13

Sample Matrix: Sub Slab

Sampled: 7/27/2018 10:57

Sample Description/Location:

Sub Description/Location:

Canister ID: 1843

Canister Size: 6 liter

Flow Controller ID: 4283

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -28

Final Vacuum(in Hg): -4

Receipt Vacuum(in Hg): -5.7

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Tetrachloroethylene	ND	0.10		ND	0.68	2	8/13/18 7:16	BRF
Toluene	0.37	0.10		1.4	0.38	2	8/13/18 7:16	BRF
1,1,1-Trichloroethane	ND	0.050		ND	0.27	2	8/13/18 7:16	BRF
1,1,2-Trichloroethane	ND	0.050		ND	0.27	2	8/13/18 7:16	BRF
Trichloroethylene	ND	0.050		ND	0.27	2	8/13/18 7:16	BRF
Trichlorofluoromethane (Freon 11)	ND	0.40		ND	2.2	2	8/13/18 7:16	BRF
1,2,4-Trimethylbenzene	ND	0.10		ND	0.49	2	8/13/18 7:16	BRF
1,3,5-Trimethylbenzene	ND	0.10		ND	0.49	2	8/13/18 7:16	BRF
Vinyl Chloride	ND	0.10		ND	0.26	2	8/13/18 7:16	BRF
m&p-Xylene	ND	0.20		ND	0.87	2	8/13/18 7:16	BRF
o-Xylene	ND	0.10		ND	0.43	2	8/13/18 7:16	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	105	70-130	8/13/18 7:16
4-Bromofluorobenzene (2)	129	70-130	8/13/18 7:16



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: IMP-2

Sample ID: 18G1239-14

Sample Matrix: Sub Slab

Sampled: 7/27/2018 11:01

Sample Description/Location:

Sub Description/Location:

Canister ID: 1675

Canister Size: 6 liter

Flow Controller ID: 4073

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -29.5

Final Vacuum(in Hg): -5

Receipt Vacuum(in Hg): -6.1

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Acetone	27	4.0		63	9.5	2	8/13/18 7:54	BRF
Acrylonitrile	ND	0.58		ND	1.2	2	8/13/18 7:54	BRF
Benzene	0.12	0.10		0.38	0.32	2	8/13/18 7:54	BRF
Bromodichloromethane	ND	0.050		ND	0.34	2	8/13/18 7:54	BRF
Bromoform	ND	0.10		ND	1.0	2	8/13/18 7:54	BRF
2-Butanone (MEK)	ND	4.0		ND	12	2	8/13/18 7:54	BRF
n-Butylbenzene	ND	0.29		ND	1.6	2	8/13/18 7:54	BRF
sec-Butylbenzene	ND	0.23		ND	1.3	2	8/13/18 7:54	BRF
Carbon Tetrachloride	ND	0.050		ND	0.31	2	8/13/18 7:54	BRF
Chlorobenzene	ND	0.10		ND	0.46	2	8/13/18 7:54	BRF
Chloroethane	ND	0.10		ND	0.26	2	8/13/18 7:54	BRF
Chloroform	ND	0.050		ND	0.24	2	8/13/18 7:54	BRF
Chloromethane	1.4	0.20		2.8	0.41	2	8/13/18 7:54	BRF
Dibromochloromethane	ND	0.050		ND	0.43	2	8/13/18 7:54	BRF
1,2-Dibromoethane (EDB)	ND	0.050		ND	0.38	2	8/13/18 7:54	BRF
1,2-Dichlorobenzene	ND	0.10		ND	0.60	2	8/13/18 7:54	BRF
1,3-Dichlorobenzene	0.19	0.10		1.1	0.60	2	8/13/18 7:54	BRF
1,4-Dichlorobenzene	ND	0.10		ND	0.60	2	8/13/18 7:54	BRF
Dichlorodifluoromethane (Freon 12)	0.31	0.10		1.6	0.49	2	8/13/18 7:54	BRF
1,1-Dichloroethane	ND	0.050		ND	0.20	2	8/13/18 7:54	BRF
1,2-Dichloroethane	ND	0.050		ND	0.20	2	8/13/18 7:54	BRF
1,1-Dichloroethylene	ND	0.050		ND	0.20	2	8/13/18 7:54	BRF
cis-1,2-Dichloroethylene	ND	0.050		ND	0.20	2	8/13/18 7:54	BRF
trans-1,2-Dichloroethylene	ND	0.050		ND	0.20	2	8/13/18 7:54	BRF
1,2-Dichloropropane	ND	0.050		ND	0.23	2	8/13/18 7:54	BRF
1,3-Dichloropropane	ND	0.27		ND	1.2	2	8/13/18 7:54	BRF
cis-1,3-Dichloropropene	ND	0.050		ND	0.23	2	8/13/18 7:54	BRF
trans-1,3-Dichloropropene	ND	0.050		ND	0.23	2	8/13/18 7:54	BRF
Ethylbenzene	ND	0.10		ND	0.43	2	8/13/18 7:54	BRF
Isopropylbenzene (Cumene)	ND	0.25		ND	1.2	2	8/13/18 7:54	BRF
p-Isopropyltoluene (p-Cymene)	ND	0.23		ND	1.3	2	8/13/18 7:54	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.10		ND	0.36	2	8/13/18 7:54	BRF
Methylene Chloride	ND	1.0		ND	3.5	2	8/13/18 7:54	BRF
4-Methyl-2-pentanone (MIBK)	0.21	0.10		0.87	0.41	2	8/13/18 7:54	BRF
Styrene	ND	0.10		ND	0.43	2	8/13/18 7:54	BRF
1,1,1,2-Tetrachloroethane	ND	0.18		ND	1.2	2	8/13/18 7:54	BRF
1,1,2,2-Tetrachloroethane	ND	0.050		ND	0.34	2	8/13/18 7:54	BRF



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: IMP-2

Sample ID: 18G1239-14

Sample Matrix: Sub Slab

Sampled: 7/27/2018 11:01

Sample Description/Location:

Sub Description/Location:

Canister ID: 1675

Canister Size: 6 liter

Flow Controller ID: 4073

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -29.5

Final Vacuum(in Hg): -5

Receipt Vacuum(in Hg): -6.1

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Tetrachloroethylene	2.7	0.10		18	0.68	2	8/13/18 7:54	BRF
Toluene	0.24	0.10		0.90	0.38	2	8/13/18 7:54	BRF
1,1,1-Trichloroethane	0.10	0.050		0.56	0.27	2	8/13/18 7:54	BRF
1,1,2-Trichloroethane	ND	0.050		ND	0.27	2	8/13/18 7:54	BRF
Trichloroethylene	14	0.050		74	0.27	2	8/13/18 7:54	BRF
Trichlorofluoromethane (Freon 11)	1.1	0.40		6.0	2.2	2	8/13/18 7:54	BRF
1,2,4-Trimethylbenzene	ND	0.10		ND	0.49	2	8/13/18 7:54	BRF
1,3,5-Trimethylbenzene	ND	0.10		ND	0.49	2	8/13/18 7:54	BRF
Vinyl Chloride	ND	0.10		ND	0.26	2	8/13/18 7:54	BRF
m&p-Xylene	ND	0.20		ND	0.87	2	8/13/18 7:54	BRF
o-Xylene	ND	0.10		ND	0.43	2	8/13/18 7:54	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	106	70-130	8/13/18 7:54
4-Bromofluorobenzene (2)	128	70-130	8/13/18 7:54

ANALYTICAL RESULTS

Project Location: Providence, RI
Date Received: 7/30/2018
Field Sample #: Rooftop Fan-1
Sample ID: 18G1239-15
Sample Matrix: Sub Slab
Sampled: 7/27/2018 11:30

Sample Description/Location:
Sub Description/Location:
Canister ID: 1112
Canister Size: 6 liter
Flow Controller ID: 4197
Sample Type: 30 min

Work Order: 18G1239
Initial Vacuum(in Hg): -25
Final Vacuum(in Hg): 0
Receipt Vacuum(in Hg): -4.8
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Acetone	8.7	1.2		21	2.9	0.6	8/12/18 23:37	BRF
Acrylonitrile	ND	0.17		ND	0.37	0.6	8/12/18 23:37	BRF
Benzene	0.083	0.030		0.27	0.096	0.6	8/12/18 23:37	BRF
Bromodichloromethane	ND	0.015		ND	0.10	0.6	8/12/18 23:37	BRF
Bromoform	ND	0.030		ND	0.31	0.6	8/12/18 23:37	BRF
2-Butanone (MEK)	ND	1.2		ND	3.5	0.6	8/12/18 23:37	BRF
n-Butylbenzene	ND	0.086		ND	0.47	0.6	8/12/18 23:37	BRF
sec-Butylbenzene	ND	0.068		ND	0.38	0.6	8/12/18 23:37	BRF
Carbon Tetrachloride	0.071	0.015		0.45	0.094	0.6	8/12/18 23:37	BRF
Chlorobenzene	ND	0.030		ND	0.14	0.6	8/12/18 23:37	BRF
Chloroethane	ND	0.030		ND	0.079	0.6	8/12/18 23:37	BRF
Chloroform	ND	0.015		ND	0.073	0.6	8/12/18 23:37	BRF
Chloromethane	0.76	0.060		1.6	0.12	0.6	8/12/18 23:37	BRF
Dibromochloromethane	ND	0.015		ND	0.13	0.6	8/12/18 23:37	BRF
1,2-Dibromoethane (EDB)	ND	0.015		ND	0.12	0.6	8/12/18 23:37	BRF
1,2-Dichlorobenzene	ND	0.030		ND	0.18	0.6	8/12/18 23:37	BRF
1,3-Dichlorobenzene	0.38	0.030		2.3	0.18	0.6	8/12/18 23:37	BRF
1,4-Dichlorobenzene	ND	0.030		ND	0.18	0.6	8/12/18 23:37	BRF
Dichlorodifluoromethane (Freon 12)	0.20	0.030		1.0	0.15	0.6	8/12/18 23:37	BRF
1,1-Dichloroethane	ND	0.015		ND	0.061	0.6	8/12/18 23:37	BRF
1,2-Dichloroethane	ND	0.015		ND	0.061	0.6	8/12/18 23:37	BRF
1,1-Dichloroethylene	ND	0.015		ND	0.059	0.6	8/12/18 23:37	BRF
cis-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	8/12/18 23:37	BRF
trans-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	8/12/18 23:37	BRF
1,2-Dichloropropane	ND	0.015		ND	0.069	0.6	8/12/18 23:37	BRF
1,3-Dichloropropane	ND	0.081		ND	0.37	0.6	8/12/18 23:37	BRF
cis-1,3-Dichloropropene	ND	0.015		ND	0.068	0.6	8/12/18 23:37	BRF
trans-1,3-Dichloropropene	ND	0.015		ND	0.068	0.6	8/12/18 23:37	BRF
Ethylbenzene	ND	0.030		ND	0.13	0.6	8/12/18 23:37	BRF
Isopropylbenzene (Cumene)	ND	0.076		ND	0.37	0.6	8/12/18 23:37	BRF
p-Isopropyltoluene (p-Cymene)	ND	0.068		ND	0.38	0.6	8/12/18 23:37	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.030		ND	0.11	0.6	8/12/18 23:37	BRF
Methylene Chloride	ND	0.30		ND	1.0	0.6	8/12/18 23:37	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.030		ND	0.12	0.6	8/12/18 23:37	BRF
Styrene	ND	0.030		ND	0.13	0.6	8/12/18 23:37	BRF
1,1,1,2-Tetrachloroethane	ND	0.055		ND	0.37	0.6	8/12/18 23:37	BRF
1,1,2,2-Tetrachloroethane	ND	0.015		ND	0.10	0.6	8/12/18 23:37	BRF



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: Rooftop Fan-1

Sample ID: 18G1239-15

Sample Matrix: Sub Slab

Sampled: 7/27/2018 11:30

Sample Description/Location:

Sub Description/Location:

Canister ID: 1112

Canister Size: 6 liter

Flow Controller ID: 4197

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -25

Final Vacuum(in Hg): 0

Receipt Vacuum(in Hg): -4.8

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Tetrachloroethylene	0.064	0.030		0.44	0.20	0.6	8/12/18 23:37	BRF
Toluene	0.19	0.030		0.71	0.11	0.6	8/12/18 23:37	BRF
1,1,1-Trichloroethane	ND	0.015		ND	0.082	0.6	8/12/18 23:37	BRF
1,1,2-Trichloroethane	ND	0.015		ND	0.082	0.6	8/12/18 23:37	BRF
Trichloroethylene	0.13	0.015		0.71	0.081	0.6	8/12/18 23:37	BRF
Trichlorofluoromethane (Freon 11)	0.24	0.12		1.3	0.67	0.6	8/12/18 23:37	BRF
1,2,4-Trimethylbenzene	ND	0.030		ND	0.15	0.6	8/12/18 23:37	BRF
1,3,5-Trimethylbenzene	ND	0.030		ND	0.15	0.6	8/12/18 23:37	BRF
Vinyl Chloride	ND	0.030		ND	0.077	0.6	8/12/18 23:37	BRF
m&p-Xylene	ND	0.060		ND	0.26	0.6	8/12/18 23:37	BRF
o-Xylene	ND	0.030		ND	0.13	0.6	8/12/18 23:37	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	95.0	70-130	8/12/18 23:37
4-Bromofluorobenzene (2)	109	70-130	8/12/18 23:37

ANALYTICAL RESULTS

Project Location: Providence, RI
Date Received: 7/30/2018
Field Sample #: Rooftop Fan-3
Sample ID: 18G1239-17
Sample Matrix: Sub Slab
Sampled: 7/27/2018 11:49

Sample Description/Location:
Sub Description/Location:
Canister ID: 1053
Canister Size: 6 liter
Flow Controller ID: 4093
Sample Type: 30 min

Work Order: 18G1239
Initial Vacuum(in Hg): -28
Final Vacuum(in Hg): -5
Receipt Vacuum(in Hg): -7.7
Flow Controller Type: Fixed-Orifice
Flow Controller Calibration
RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Acetone	9.4	1.2		22	2.9	0.6	8/13/18 0:24	BRF
Acrylonitrile	ND	0.17		ND	0.37	0.6	8/13/18 0:24	BRF
Benzene	0.10	0.030		0.33	0.096	0.6	8/13/18 0:24	BRF
Bromodichloromethane	ND	0.015		ND	0.10	0.6	8/13/18 0:24	BRF
Bromoform	ND	0.030		ND	0.31	0.6	8/13/18 0:24	BRF
2-Butanone (MEK)	1.2	1.2		3.7	3.5	0.6	8/13/18 0:24	BRF
n-Butylbenzene	ND	0.086		ND	0.47	0.6	8/13/18 0:24	BRF
sec-Butylbenzene	ND	0.068		ND	0.38	0.6	8/13/18 0:24	BRF
Carbon Tetrachloride	0.074	0.015		0.46	0.094	0.6	8/13/18 0:24	BRF
Chlorobenzene	ND	0.030		ND	0.14	0.6	8/13/18 0:24	BRF
Chloroethane	ND	0.030		ND	0.079	0.6	8/13/18 0:24	BRF
Chloroform	0.084	0.015		0.41	0.073	0.6	8/13/18 0:24	BRF
Chloromethane	1.5	0.060		3.1	0.12	0.6	8/13/18 0:24	BRF
Dibromochloromethane	ND	0.015		ND	0.13	0.6	8/13/18 0:24	BRF
1,2-Dibromoethane (EDB)	ND	0.015		ND	0.12	0.6	8/13/18 0:24	BRF
1,2-Dichlorobenzene	ND	0.030		ND	0.18	0.6	8/13/18 0:24	BRF
1,3-Dichlorobenzene	0.31	0.030		1.8	0.18	0.6	8/13/18 0:24	BRF
1,4-Dichlorobenzene	ND	0.030		ND	0.18	0.6	8/13/18 0:24	BRF
Dichlorodifluoromethane (Freon 12)	0.19	0.030		0.92	0.15	0.6	8/13/18 0:24	BRF
1,1-Dichloroethane	ND	0.015		ND	0.061	0.6	8/13/18 0:24	BRF
1,2-Dichloroethane	ND	0.015		ND	0.061	0.6	8/13/18 0:24	BRF
1,1-Dichloroethylene	ND	0.015		ND	0.059	0.6	8/13/18 0:24	BRF
cis-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	8/13/18 0:24	BRF
trans-1,2-Dichloroethylene	ND	0.015		ND	0.059	0.6	8/13/18 0:24	BRF
1,2-Dichloropropane	ND	0.015		ND	0.069	0.6	8/13/18 0:24	BRF
1,3-Dichloropropane	ND	0.081		ND	0.37	0.6	8/13/18 0:24	BRF
cis-1,3-Dichloropropene	ND	0.015		ND	0.068	0.6	8/13/18 0:24	BRF
trans-1,3-Dichloropropene	ND	0.015		ND	0.068	0.6	8/13/18 0:24	BRF
Ethylbenzene	0.032	0.030		0.14	0.13	0.6	8/13/18 0:24	BRF
Isopropylbenzene (Cumene)	ND	0.076		ND	0.37	0.6	8/13/18 0:24	BRF
p-Isopropyltoluene (p-Cymene)	ND	0.068		ND	0.38	0.6	8/13/18 0:24	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.030		ND	0.11	0.6	8/13/18 0:24	BRF
Methylene Chloride	0.50	0.30		1.7	1.0	0.6	8/13/18 0:24	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.030		ND	0.12	0.6	8/13/18 0:24	BRF
Styrene	ND	0.030		ND	0.13	0.6	8/13/18 0:24	BRF
1,1,1,2-Tetrachloroethane	ND	0.055		ND	0.37	0.6	8/13/18 0:24	BRF
1,1,2,2-Tetrachloroethane	ND	0.015		ND	0.10	0.6	8/13/18 0:24	BRF



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: Rooftop Fan-3

Sample ID: 18G1239-17

Sample Matrix: Sub Slab

Sampled: 7/27/2018 11:49

Sample Description/Location:

Sub Description/Location:

Canister ID: 1053

Canister Size: 6 liter

Flow Controller ID: 4093

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -28

Final Vacuum(in Hg): -5

Receipt Vacuum(in Hg): -7.7

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Tetrachloroethylene	0.067	0.030		0.45	0.20	0.6	8/13/18 0:24	BRF
Toluene	0.20	0.030		0.77	0.11	0.6	8/13/18 0:24	BRF
1,1,1-Trichloroethane	ND	0.015		ND	0.082	0.6	8/13/18 0:24	BRF
1,1,2-Trichloroethane	ND	0.015		ND	0.082	0.6	8/13/18 0:24	BRF
Trichloroethylene	0.036	0.015		0.19	0.081	0.6	8/13/18 0:24	BRF
Trichlorofluoromethane (Freon 11)	0.22	0.12		1.3	0.67	0.6	8/13/18 0:24	BRF
1,2,4-Trimethylbenzene	ND	0.030		ND	0.15	0.6	8/13/18 0:24	BRF
1,3,5-Trimethylbenzene	ND	0.030		ND	0.15	0.6	8/13/18 0:24	BRF
Vinyl Chloride	ND	0.030		ND	0.077	0.6	8/13/18 0:24	BRF
m&p-Xylene	0.067	0.060		0.29	0.26	0.6	8/13/18 0:24	BRF
o-Xylene	0.032	0.030		0.14	0.13	0.6	8/13/18 0:24	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	93.7	70-130	8/13/18 0:24
4-Bromofluorobenzene (2)	109	70-130	8/13/18 0:24



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: Ambient Outdoor

Sample ID: 18G1239-18

Sample Matrix: Ambient Air

Sampled: 7/27/2018 09:26

Sample Description/Location:

Sub Description/Location:

Canister ID: 2186

Canister Size: 6 liter

Flow Controller ID: 4294

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -28

Final Vacuum(in Hg): -2

Receipt Vacuum(in Hg): -4.7

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Acetone	6.5	0.80		15	1.9	0.4	8/11/18 17:52	BRF
Acrylonitrile	ND	0.12		ND	0.25	0.4	8/11/18 17:52	BRF
Benzene	0.084	0.020		0.27	0.064	0.4	8/11/18 17:52	BRF
Bromodichloromethane	ND	0.010		ND	0.067	0.4	8/11/18 17:52	BRF
Bromoform	ND	0.020		ND	0.21	0.4	8/11/18 17:52	BRF
2-Butanone (MEK)	ND	0.80		ND	2.4	0.4	8/11/18 17:52	BRF
n-Butylbenzene	ND	0.058		ND	0.32	0.4	8/11/18 17:52	BRF
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	8/11/18 17:52	BRF
Carbon Tetrachloride	0.067	0.010		0.42	0.063	0.4	8/11/18 17:52	BRF
Chlorobenzene	ND	0.020		ND	0.092	0.4	8/11/18 17:52	BRF
Chloroethane	ND	0.020		ND	0.053	0.4	8/11/18 17:52	BRF
Chloroform	0.026	0.010		0.13	0.049	0.4	8/11/18 17:52	BRF
Chloromethane	0.53	0.040		1.1	0.083	0.4	8/11/18 17:52	BRF
Dibromochloromethane	ND	0.010		ND	0.085	0.4	8/11/18 17:52	BRF
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	8/11/18 17:52	BRF
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	8/11/18 17:52	BRF
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	8/11/18 17:52	BRF
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	8/11/18 17:52	BRF
Dichlorodifluoromethane (Freon 12)	0.16	0.020		0.79	0.099	0.4	8/11/18 17:52	BRF
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	8/11/18 17:52	BRF
1,2-Dichloroethane	ND	0.010		ND	0.040	0.4	8/11/18 17:52	BRF
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	8/11/18 17:52	BRF
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	8/11/18 17:52	BRF
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	8/11/18 17:52	BRF
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	8/11/18 17:52	BRF
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	8/11/18 17:52	BRF
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	8/11/18 17:52	BRF
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	8/11/18 17:52	BRF
Ethylbenzene	0.026	0.020		0.11	0.087	0.4	8/11/18 17:52	BRF
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	8/11/18 17:52	BRF
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	8/11/18 17:52	BRF
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	8/11/18 17:52	BRF
Methylene Chloride	ND	0.20		ND	0.69	0.4	8/11/18 17:52	BRF
4-Methyl-2-pentanone (MIBK)	ND	0.020		ND	0.082	0.4	8/11/18 17:52	BRF
Styrene	ND	0.020		ND	0.085	0.4	8/11/18 17:52	BRF
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	8/11/18 17:52	BRF
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	8/11/18 17:52	BRF



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 7/30/2018

Field Sample #: Ambient Outdoor

Sample ID: 18G1239-18

Sample Matrix: Ambient Air

Sampled: 7/27/2018 09:26

Sample Description/Location:

Sub Description/Location:

Canister ID: 2186

Canister Size: 6 liter

Flow Controller ID: 4294

Sample Type: 30 min

Work Order: 18G1239

Initial Vacuum(in Hg): -28

Final Vacuum(in Hg): -2

Receipt Vacuum(in Hg): -4.7

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Tetrachloroethylene	ND	0.020		ND	0.14	0.4	8/11/18 17:52	BRF
Toluene	0.18	0.020		0.69	0.075	0.4	8/11/18 17:52	BRF
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	8/11/18 17:52	BRF
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	8/11/18 17:52	BRF
Trichloroethylene	ND	0.010		ND	0.054	0.4	8/11/18 17:52	BRF
Trichlorofluoromethane (Freon 11)	0.20	0.080		1.1	0.45	0.4	8/11/18 17:52	BRF
1,2,4-Trimethylbenzene	ND	0.020		ND	0.098	0.4	8/11/18 17:52	BRF
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	8/11/18 17:52	BRF
Vinyl Chloride	ND	0.020		ND	0.051	0.4	8/11/18 17:52	BRF
m&p-Xylene	0.052	0.040		0.23	0.17	0.4	8/11/18 17:52	BRF
o-Xylene	0.027	0.020		0.12	0.087	0.4	8/11/18 17:52	BRF

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	96.5	70-130	8/11/18 17:52
4-Bromofluorobenzene (2)	109	70-130	8/11/18 17:52



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Sample Extraction Data

Prep Method: TO-15 Prep-EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
18G1239-01 [Gymnasium]	B210112	1	1	N/A	1000	400	1000	08/11/18
18G1239-02 [Cafeteria]	B210112	1	1	N/A	1000	400	1000	08/11/18
18G1239-03 [Kitchen Storage]	B210112	1	1	N/A	1000	400	1000	08/11/18
18G1239-04 [Elevator Hallway]	B210112	1	1	N/A	1000	400	1000	08/11/18
18G1239-05 [Room 145]	B210112	1	1	N/A	1000	400	1000	08/11/18
18G1239-06 [Room 152]	B210112	1	1	N/A	1000	400	1000	08/11/18
18G1239-18 [Ambient Outdoor]	B210112	1	1	N/A	1000	400	1000	08/11/18

Prep Method: TO-15 Prep-EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
18G1239-07 [Room 118]	B210155	1.5	1	N/A	1000	400	1000	08/12/18
18G1239-08 [Room 110]	B210155	1.5	1	N/A	1000	400	1000	08/12/18
18G1239-09 [MP-1]	B210155	1	1	N/A	1000	400	200	08/12/18
18G1239-10 [MP-3]	B210155	1	1	N/A	1000	400	200	08/12/18
18G1239-11 [MP-4]	B210155	1	1	N/A	1000	400	200	08/12/18
18G1239-12 [MP-6]	B210155	1	1	N/A	1000	400	200	08/12/18
18G1239-13 [IMP-1]	B210155	1	1	N/A	1000	400	200	08/12/18
18G1239-14 [IMP-2]	B210155	1	1	N/A	1000	400	200	08/12/18
18G1239-15 [Rooftop Fan-1]	B210155	1.5	1	N/A	1000	400	1000	08/12/18
18G1239-17 [Rooftop Fan-3]	B210155	1.5	1	N/A	1000	400	1000	08/12/18



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QUALITY CONTROL**Air Toxics by EPA Compendium Methods - Quality Control**

Analyte	ppbv Results	RL	ug/m3 Results	RL	Spike Level ppbv	Source Result	%REC	%REC Limits	RPD RPD	RPD Limit	Flag/Qual
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Batch B210112 - TO-15 Prep

Blank (B210112-BLK1)	Prepared & Analyzed: 08/11/18									
Acetone	ND	0.80								
Acrylonitrile	ND	0.12								
Benzene	ND	0.020								
Bromodichloromethane	ND	0.010								
Bromoform	ND	0.020								
2-Butanone (MEK)	ND	0.80								
n-Butylbenzene	ND	0.058								
sec-Butylbenzene	ND	0.046								
Carbon Tetrachloride	ND	0.010								
Chlorobenzene	ND	0.020								
Chloroethane	ND	0.020								
Chloroform	ND	0.010								
Chloromethane	ND	0.040								
Dibromochloromethane	ND	0.010								
1,2-Dibromoethane (EDB)	ND	0.010								
1,2-Dichlorobenzene	ND	0.020								
1,3-Dichlorobenzene	ND	0.020								
1,4-Dichlorobenzene	ND	0.020								
Dichlorodifluoromethane (Freon 12)	ND	0.020								
1,1-Dichloroethane	ND	0.010								
1,2-Dichloroethane	ND	0.010								
1,1-Dichloroethylene	ND	0.010								
cis-1,2-Dichloroethylene	ND	0.010								
trans-1,2-Dichloroethylene	ND	0.010								
1,2-Dichloropropane	ND	0.010								
1,3-Dichloropropane	ND	0.054								
cis-1,3-Dichloropropene	ND	0.010								
trans-1,3-Dichloropropene	ND	0.010								
Ethylbenzene	ND	0.020								
Isopropylbenzene (Cumene)	ND	0.051								
p-Isopropyltoluene (p-Cymene)	ND	0.046								
Methyl tert-Butyl Ether (MTBE)	ND	0.020								
Methylene Chloride	ND	0.20								
4-Methyl-2-pentanone (MIBK)	ND	0.020								
Styrene	ND	0.020								
1,1,1,2-Tetrachloroethane	ND	0.036								
1,1,2,2-Tetrachloroethane	ND	0.010								
Tetrachloroethylene	ND	0.020								
Toluene	ND	0.020								
1,1,1-Trichloroethane	ND	0.010								
1,1,2-Trichloroethane	ND	0.010								
Trichloroethylene	ND	0.010								
Trichlorofluoromethane (Freon 11)	ND	0.080								
1,2,4-Trimethylbenzene	ND	0.020								
1,3,5-Trimethylbenzene	ND	0.020								
Vinyl Chloride	ND	0.020								



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QUALITY CONTROL**Air Toxics by EPA Compendium Methods - Quality Control**

Analyte	ppbv Results	RL	ug/m3 Results	RL	Spike Level ppbv	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Flag/Qual
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Batch B210112 - TO-15 Prep

Blank (B210112-BLK1)	Prepared & Analyzed: 08/11/18					
m&p-Xylene	ND	0.040				
o-Xylene	ND	0.020				
Surrogate: 4-Bromofluorobenzene (1)	7.53		8.00		94.1	70-130
Surrogate: 4-Bromofluorobenzene (2)	8.80		8.00		110	70-130

LCS (B210112-BS1)	Prepared & Analyzed: 08/11/18					
Acetone	4.42		5.00		88.4	70-130
Acrylonitrile	2.46		2.88		85.5	70-130
Benzene	4.87		5.00		97.4	70-130
Bromodichloromethane	4.65		5.00		93.0	70-130
Bromoform	4.80		5.00		95.9	70-130
2-Butanone (MEK)	4.92		5.00		98.4	70-130
n-Butylbenzene	1.32		1.14		116	70-130
sec-Butylbenzene	1.17		1.14		102	70-130
Carbon Tetrachloride	4.64		5.00		92.8	70-130
Chlorobenzene	4.76		5.00		95.2	70-130
Chloroethane	5.36		5.00		107	70-130
Chloroform	5.03		5.00		101	70-130
Chloromethane	4.78		5.00		95.5	70-130
Dibromochloromethane	4.82		5.00		96.4	70-130
1,2-Dibromoethane (EDB)	5.31		5.00		106	70-130
1,2-Dichlorobenzene	4.56		5.00		91.2	70-130
1,3-Dichlorobenzene	4.47		5.00		89.4	70-130
1,4-Dichlorobenzene	4.35		5.00		86.9	70-130
Dichlorodifluoromethane (Freon 12)	5.09		5.00		102	70-130
1,1-Dichloroethane	5.00		5.00		100	70-130
1,2-Dichloroethane	5.11		5.00		102	70-130
1,1-Dichloroethylene	5.04		5.00		101	70-130
cis-1,2-Dichloroethylene	5.17		5.00		103	70-130
trans-1,2-Dichloroethylene	5.94		5.00		119	70-130
1,2-Dichloropropane	4.55		5.00		91.1	70-130
1,3-Dichloropropane	1.31		1.35		97.1	70-130
cis-1,3-Dichloropropene	5.42		5.00		108	70-130
trans-1,3-Dichloropropene	5.33		5.00		107	70-130
Ethylbenzene	5.45		5.00		109	70-130
Isopropylbenzene (Cumene)	1.26		1.27		99.1	70-130
p-Isopropyltoluene (p-Cymene)	1.25		1.14		109	70-130
Methyl tert-Butyl Ether (MTBE)	5.64		5.00		113	70-130
Methylene Chloride	4.95		5.00		99.0	70-130
4-Methyl-2-pentanone (MIBK)	5.22		5.00		104	70-130
Styrene	5.81		5.00		116	70-130
1,1,1,2-Tetrachloroethane	0.874		0.910		96.0	70-130
1,1,2,2-Tetrachloroethane	3.92		5.00		78.4	70-130
Tetrachloroethylene	5.03		5.00		101	70-130
Toluene	5.56		5.00		111	70-130
1,1,1-Trichloroethane	4.17		5.00		83.3	70-130
1,1,2-Trichloroethane	5.00		5.00		99.9	70-130



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QUALITY CONTROL**Air Toxics by EPA Compendium Methods - Quality Control**

Analyte	ppbv Results	RL	ug/m3 Results	RL	Spike Level ppbv	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Flag/Qual
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Batch B210112 - TO-15 Prep

LCS (B210112-BS1)	Prepared & Analyzed: 08/11/18					
Trichlorethylene	4.69		5.00		93.9	70-130
Trichlorofluoromethane (Freon 11)	4.76		5.00		95.2	70-130
1,2,4-Trimethylbenzene	5.21		5.00		104	70-130
1,3,5-Trimethylbenzene	5.01		5.00		100	70-130
Vinyl Chloride	4.83		5.00		96.5	70-130
m&p-Xylene	10.9		10.0		109	70-130
o-Xylene	5.49		5.00		110	70-130
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	7.85		8.00		98.1	70-130
<i>Surrogate: 4-Bromofluorobenzene (2)</i>	8.60		8.00		108	70-130

Batch B210155 - TO-15 Prep

Blank (B210155-BLK1)	Prepared & Analyzed: 08/12/18					
Acetone	ND	0.80				
Acrylonitrile	ND	0.12				
Benzene	ND	0.020				
Bromodichloromethane	ND	0.010				
Bromoform	ND	0.020				
2-Butanone (MEK)	ND	0.80				
n-Butylbenzene	ND	0.058				
sec-Butylbenzene	ND	0.046				
Carbon Tetrachloride	ND	0.010				
Chlorobenzene	ND	0.020				
Chloroethane	ND	0.020				
Chloroform	ND	0.010				
Chloromethane	ND	0.040				
Dibromochloromethane	ND	0.010				
1,2-Dibromoethane (EDB)	ND	0.010				
1,2-Dichlorobenzene	ND	0.020				
1,3-Dichlorobenzene	ND	0.020				
1,4-Dichlorobenzene	ND	0.020				
Dichlorodifluoromethane (Freon 12)	ND	0.020				
1,1-Dichloroethane	ND	0.010				
1,2-Dichloroethane	ND	0.010				
1,1-Dichloroethylene	ND	0.010				
cis-1,2-Dichloroethylene	ND	0.010				
trans-1,2-Dichloroethylene	ND	0.010				
1,2-Dichloropropane	ND	0.010				
1,3-Dichloropropane	ND	0.054				
cis-1,3-Dichloropropene	ND	0.010				
trans-1,3-Dichloropropene	ND	0.010				
Ethylbenzene	ND	0.020				
Isopropylbenzene (Cumene)	ND	0.051				
p-Isopropyltoluene (p-Cymene)	ND	0.046				
Methyl tert-Butyl Ether (MTBE)	ND	0.020				
Methylene Chloride	ND	0.20				
4-Methyl-2-pentanone (MIBK)	ND	0.020				



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL**Air Toxics by EPA Compendium Methods - Quality Control**

Analyte	ppbv Results	RL	ug/m3 Results	RL	Spike Level ppbv	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Flag/Qual
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Batch B210155 - TO-15 Prep

Blank (B210155-BLK1)	Prepared & Analyzed: 08/12/18					
Styrene	ND	0.020				
1,1,1,2-Tetrachloroethane	ND	0.036				
1,1,2,2-Tetrachloroethane	ND	0.010				
Tetrachloroethylene	ND	0.020				
Toluene	ND	0.020				
1,1,1-Trichloroethane	ND	0.010				
1,1,2-Trichloroethane	ND	0.010				
Trichloroethylene	ND	0.010				
Trichlorofluoromethane (Freon 11)	ND	0.080				
1,2,4-Trimethylbenzene	ND	0.020				
1,3,5-Trimethylbenzene	ND	0.020				
Vinyl Chloride	ND	0.020				
m&p-Xylene	ND	0.040				
o-Xylene	ND	0.020				
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	7.90		8.00		98.7	70-130
<i>Surrogate: 4-Bromofluorobenzene (2)</i>	8.92		8.00		112	70-130

LCS (B210155-BS1)	Prepared & Analyzed: 08/12/18					
Acetone	4.62		5.00		92.5	70-130
Acrylonitrile	2.64		2.88		91.5	70-130
Benzene	4.74		5.00		94.8	70-130
Bromodichloromethane	4.61		5.00		92.3	70-130
Bromoform	4.90		5.00		97.9	70-130
2-Butanone (MEK)	5.16		5.00		103	70-130
n-Butylbenzene	1.55		1.14		136 *	70-130
sec-Butylbenzene	1.35		1.14		118	70-130
Carbon Tetrachloride	4.69		5.00		93.7	70-130
Chlorobenzene	4.73		5.00		94.5	70-130
Chloroethane	5.31		5.00		106	70-130
Chloroform	5.02		5.00		100	70-130
Chloromethane	4.77		5.00		95.4	70-130
Dibromochloromethane	4.71		5.00		94.2	70-130
1,2-Dibromoethane (EDB)	5.12		5.00		102	70-130
1,2-Dichlorobenzene	4.96		5.00		99.2	70-130
1,3-Dichlorobenzene	4.74		5.00		94.7	70-130
1,4-Dichlorobenzene	4.80		5.00		96.1	70-130
Dichlorodifluoromethane (Freon 12)	5.15		5.00		103	70-130
1,1-Dichloroethane	5.06		5.00		101	70-130
1,2-Dichloroethane	5.17		5.00		103	70-130
1,1-Dichloroethylene	4.79		5.00		95.9	70-130
cis-1,2-Dichloroethylene	5.20		5.00		104	70-130
trans-1,2-Dichloroethylene	6.02		5.00		120	70-130
1,2-Dichloropropane	4.42		5.00		88.5	70-130
1,3-Dichloropropane	1.25		1.35		92.8	70-130
cis-1,3-Dichloropropene	5.41		5.00		108	70-130
trans-1,3-Dichloropropene	5.65		5.00		113	70-130
Ethylbenzene	5.35		5.00		107	70-130



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	RL	ug/m3 Results	RL	Spike Level ppbv	Source Result	%REC %REC	RPD Limits	RPD RPD	Limit	Flag/Qual
---------	-----------------	----	------------------	----	---------------------	------------------	--------------	---------------	------------	-------	-----------

Batch B210155 - TO-15 Prep

LCS (B210155-BS1)	Prepared & Analyzed: 08/12/18										
Isopropylbenzene (Cumene)	1.41				1.27		111	70-130			
p-Isopropyltoluene (p-Cymene)	1.48				1.14		130	70-130			
Methyl tert-Butyl Ether (MTBE)	6.46				5.00		129	70-130			
Methylene Chloride	4.72				5.00		94.5	70-130			
4-Methyl-2-pentanone (MIBK)	5.06				5.00		101	70-130			
Styrene	5.86				5.00		117	70-130			
1,1,1,2-Tetrachloroethane	0.951				0.910		105	70-130			
1,1,2,2-Tetrachloroethane	3.92				5.00		78.5	70-130			
Tetrachloroethylene	5.00				5.00		99.9	70-130			
Toluene	5.31				5.00		106	70-130			
1,1,1-Trichloroethane	4.30				5.00		86.0	70-130			
1,1,2-Trichloroethane	4.89				5.00		97.8	70-130			
Trichloroethylene	4.65				5.00		93.1	70-130			
Trichlorofluoromethane (Freon 11)	4.80				5.00		96.0	70-130			
1,2,4-Trimethylbenzene	5.71				5.00		114	70-130			
1,3,5-Trimethylbenzene	5.32				5.00		106	70-130			
Vinyl Chloride	4.84				5.00		96.7	70-130			
m&p-Xylene	10.7				10.0		107	70-130			
o-Xylene	5.43				5.00		109	70-130			
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	8.07				8.00		101	70-130			
<i>Surrogate: 4-Bromofluorobenzene (2)</i>	9.03				8.00		113	70-130			



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FLAG/QUALIFIER SUMMARY

* QC result is outside of established limits.

† Wide recovery limits established for difficult compound.

‡ Wide RPD limits established for difficult compound.

Data exceeded client recommended or regulatory level

ND Not Detected

RL Reporting Limit is at the level of quantitation (LOQ)

DL Detection Limit is the lower limit of detection determined by the MDL study

MCL Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

L-01 Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Acetone	AIHA,NY
Acrylonitrile	AIHA,NJ,NY
Benzene	AIHA,FL,NJ,NY,VA
Bromodichloromethane	AIHA,NJ,NY,VA
Bromoform	AIHA,NJ,NY,VA
2-Butanone (MEK)	AIHA,FL,NJ,NY,VA
n-Butylbenzene	AIHA
sec-Butylbenzene	AIHA
Carbon Tetrachloride	AIHA,FL,NJ,NY,VA
Chlorobenzene	AIHA,FL,NJ,NY,VA
Chloroethane	AIHA,FL,NJ,NY,VA
Chloroform	AIHA,FL,NJ,NY,VA
Chloromethane	AIHA,FL,NJ,NY,VA
Dibromochloromethane	AIHA,NY
1,2-Dibromoethane (EDB)	AIHA,NJ,NY
1,2-Dichlorobenzene	AIHA,FL,NJ,NY,VA
1,3-Dichlorobenzene	AIHA,NJ,NY
1,4-Dichlorobenzene	AIHA,FL,NJ,NY,VA
Dichlorodifluoromethane (Freon 12)	AIHA,NY
1,1-Dichloroethane	AIHA,FL,NJ,NY,VA
1,2-Dichloroethane	AIHA,FL,NJ,NY,VA
1,1-Dichloroethylene	AIHA,FL,NJ,NY,VA
cis-1,2-Dichloroethylene	AIHA,FL,NY,VA
trans-1,2-Dichloroethylene	AIHA,NJ,NY,VA
1,2-Dichloropropane	AIHA,FL,NJ,NY,VA
1,3-Dichloropropane	AIHA
cis-1,3-Dichloropropene	AIHA,FL,NJ,NY,VA
trans-1,3-Dichloropropene	AIHA,NY
Ethylbenzene	AIHA,FL,NJ,NY,VA
Isopropylbenzene (Cumene)	AIHA,NJ,NY
p-Isopropyltoluene (p-Cymene)	AIHA
Methyl tert-Butyl Ether (MTBE)	AIHA,FL,NJ,NY,VA
Methylene Chloride	AIHA,FL,NJ,NY,VA
4-Methyl-2-pentanone (MIBK)	AIHA,FL,NJ,NY
Styrene	AIHA,FL,NJ,NY,VA
1,1,1,2-Tetrachloroethane	AIHA
1,1,2,2-Tetrachloroethane	AIHA,FL,NJ,NY,VA
Tetrachloroethylene	AIHA,FL,NJ,NY,VA
Toluene	AIHA,FL,NJ,NY,VA
1,1,1-Trichloroethane	AIHA,FL,NJ,NY,VA
1,1,2-Trichloroethane	AIHA,FL,NJ,NY,VA
Trichloroethylene	AIHA,FL,NJ,NY,VA
Trichlorofluoromethane (Freon 11)	AIHA,NY
1,2,4-Trimethylbenzene	AIHA,NJ,NY
1,3,5-Trimethylbenzene	AIHA,NJ,NY
Vinyl Chloride	AIHA,FL,NJ,NY,VA
m&p-Xylene	AIHA,FL,NJ,NY,VA



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
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EPA TO-15 in Air

o-Xylene AIHA,FL,NJ,NY,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2019
CT	Connecticut Department of Public Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2019
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2019
RI	Rhode Island Department of Health	LAO00112	12/30/2018
NC	North Carolina Div. of Water Quality	652	12/31/2018
NJ	New Jersey DEP	MA007 NELAP	06/30/2019
FL	Florida Department of Health	E871027 NELAP	06/30/2019
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2019
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2018
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2018
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2019
NC-DW	North Carolina Department of Health	25703	07/31/2019


<http://www.contestlabs.com>

 18G1939
 Phone: 413-525-2332
 Fax: 413-525-6405

 CHAIN OF CUSTODY RECORD (AIR)
 Email: info@contestlabs.com

Doc #378 Rev 1_03242017

EA Engineering		7-Day <input checked="" type="checkbox"/> 10-Day <input checked="" type="checkbox"/>		Due Date:		7-Day <input type="checkbox"/> 10-Day <input type="checkbox"/> Royal Required		1-Day <input type="checkbox"/> 3-Day <input type="checkbox"/> 4-Day <input type="checkbox"/>		2-Day <input type="checkbox"/> 4-Day <input type="checkbox"/>		Summa canisters and flow controllers must be returned within 15 days of receipt or rental fees will apply		Please fill out completely, sign, date and retain the yellow copy for your records					
ANALYSIS REQUESTED																			
Lab Receipt Pressure														" Hg					
Final Pressure														" Hg					
Initial Pressure														" Hg					
MIS-S10																			
Project Location: Alvarado High School, R.I.																			
Project Number: 1506606																			
Project Manager: Frank Postma																			
Con-Test Quote Name/Number:																			
Invoice Recipient: Melvinne Dines																			
Sampled By: B. Chamberlain / D. Allen																			
Lab Use		Client Use		Collection Data		Duration		Flow Rate		Total Minutes Sampled		Matrix		Volume					
								<input checked="" type="checkbox"/> m³/min		<input type="checkbox"/> l/min		<input checked="" type="checkbox"/> Code		<input checked="" type="checkbox"/> liters/m³					
01	Gymnasium	1055	1124	29	7/27/18	1A	6								-13 -6	2142 4288			
02	Cafeteria	1041	1110	29											-28 -5	2025 4289			
03	Kitchen Storage	1046	1114	29											-30 -5	2033 4300			
04	Elevator Hallway	1017	1050	33											-27 -2	2156 4295			
05	Room 145	1151	1224	33											-30 -5	1886 4181			
06	Room 152	1154	1225	31											-30 -5	1452 4180			
07	Room 118	1147	1217	30											-28 -2	2218 4206			
08	Room 110	1138	1212	29											-29 -3	2014 4190			
09	MP-1	0913	0942	29											-28 -5	1996 4285			
Comments Project Specific Analyte List + Detection limits. *Please report in ug/m³														Please use the following codes to indicate possible sample concentration within the Conc Code column above:					
Please include RL Letter w/ final report														H - High; M - Medium; L - Low; C - Clean; U - Unknown					
Relinquished by: (signature)														Date/Time:		Detection Limit Requirements		Special Requirements	
Received by: (signature)														Date/Time:		MA MCP Required		MA MCP Required	
Relinquished by: (signature)														Date/Time:		MCP Certification Form Required		MCP Certification Form Required	
Received by: (signature)														Date/Time:		CT RCP Required		CT RCP Required	
Received by: (signature)														Date/Time:		RCP Certification Form Required		RCP Certification Form Required	
Relinquished by: (signature)														Date/Time:		Other		Other	
Relinquished by: (signature)														Date/Time:		Project Entity		Project Entity	
Received by: (signature)														Date/Time:		Government		Municipality	
Received by: (signature)														Date/Time:		Federal		School	
Received by: (signature)														Date/Time:		City		MBTA	
Received by: (signature)														Date/Time:		Other		Other	
Received by: (signature)														Date/Time:		PCB ONLY		PCB ONLY	
Received by: (signature)														Date/Time:		Soxhlet		Soxhlet	
Received by: (signature)														Date/Time:		Non Soxhlet		Non Soxhlet	

1861039

Phone: 413-525-2332

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Email: info@contestlabs.com

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CHAIN OF CUSTODY RECORD (AIR)

Request Date/Time

Due Date:

7-Day 10-Day 15-Day 30-Day 45-Day 60-Day 90-Day 120-Day 180-Day 240-Day 300-Day 360-Day 420-Day 480-Day 540-Day 600-Day 660-Day 720-Day 780-Day 840-Day 900-Day 960-Day 1020-Day 1080-Day 1140-Day 1200-Day 1260-Day 1320-Day 1380-Day 1440-Day 1500-Day 1560-Day 1620-Day 1680-Day 1740-Day 1800-Day 1860-Day 1920-Day 1980-Day 2040-Day 2100-Day 2160-Day 2220-Day 2280-Day 2340-Day 2400-Day 2460-Day 2520-Day 2580-Day 2640-Day 2700-Day 2760-Day 2820-Day 2880-Day 2940-Day 3000-Day 3060-Day 3120-Day 3180-Day 3240-Day 3300-Day 3360-Day 3420-Day 3480-Day 3540-Day 3600-Day 3660-Day 3720-Day 3780-Day 3840-Day 3900-Day 3960-Day 4020-Day 4080-Day 4140-Day 4200-Day 4260-Day 4320-Day 4380-Day 4440-Day 4500-Day 4560-Day 4620-Day 4680-Day 4740-Day 4800-Day 4860-Day 4920-Day 4980-Day 5040-Day 5100-Day 5160-Day 5220-Day 5280-Day 5340-Day 5400-Day 5460-Day 5520-Day 5580-Day 5640-Day 5700-Day 5760-Day 5820-Day 5880-Day 5940-Day 5960-Day 6000-Day 6040-Day 6080-Day 6120-Day 6160-Day 6200-Day 6240-Day 6280-Day 6320-Day 6360-Day 6400-Day 6440-Day 6480-Day 6520-Day 6560-Day 6600-Day 6640-Day 6680-Day 6720-Day 6760-Day 6800-Day 6840-Day 6880-Day 6920-Day 6960-Day 6980-Day 7000-Day 7040-Day 7080-Day 7120-Day 7160-Day 7200-Day 7240-Day 7280-Day 7320-Day 7360-Day 7400-Day 7440-Day 7480-Day 7520-Day 7560-Day 7600-Day 7640-Day 7680-Day 7720-Day 7760-Day 7800-Day 7840-Day 7880-Day 7920-Day 7960-Day 8000-Day 8040-Day 8080-Day 8120-Day 8160-Day 8200-Day 8240-Day 8280-Day 8320-Day 8360-Day 8400-Day 8440-Day 8480-Day 8520-Day 8560-Day 8600-Day 8640-Day 8680-Day 8720-Day 8760-Day 8800-Day 8840-Day 8880-Day 8920-Day 8960-Day 9000-Day 9040-Day 9080-Day 9120-Day 9160-Day 9200-Day 9240-Day 9280-Day 9320-Day 9360-Day 9400-Day 9440-Day 9480-Day 9520-Day 9560-Day 9600-Day 9640-Day 9680-Day 9720-Day 9760-Day 9800-Day 9840-Day 9880-Day 9920-Day 9960-Day 10000-Day 10040-Day 10080-Day 10120-Day 10160-Day 10200-Day 10240-Day 10280-Day 10320-Day 10360-Day 10400-Day 10440-Day 10480-Day 10520-Day 10560-Day 10600-Day 10640-Day 10680-Day 10720-Day 10760-Day 10800-Day 10840-Day 10880-Day 10920-Day 10960-Day 10980-Day 11000-Day 11040-Day 11080-Day 11120-Day 11160-Day 11200-Day 11240-Day 11280-Day 11320-Day 11360-Day 11400-Day 11440-Day 11480-Day 11520-Day 11560-Day 11600-Day 11640-Day 11680-Day 11720-Day 11760-Day 11800-Day 11840-Day 11880-Day 11920-Day 11960-Day 11980-Day 11990-Day 12000-Day 12010-Day 12020-Day 12030-Day 12040-Day 12050-Day 12060-Day 12070-Day 12080-Day 12090-Day 12095-Day

12100

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
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Doc# 278 Rev 6 2017

Air Media Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client EA Engineering

Received By	<u>PB</u>	Date	<u>7-30-18</u>	Time	<u>19:00</u>
How were the samples received?	In Cooler In Box	On Ice <u>T</u>	Ambient	No Ice	Melted Ice
Were samples within Temperature Compliance? 2-6°C		By Gun # <u>NA</u>	Actual Temp -		
Was Custody Seal Intact?	<u>NA</u>	By Blank #	Actual Temp -		
Was COC Relinquished ?	<u>T</u>		Were Samples Tampered with?	<u>NA</u>	
Are there any loose caps/valves on any samples?	<u>F</u>		Does Chain Agree With Samples?	<u>T</u>	
Is COC in ink/ Legible?	<u>T</u>				
Did COC Include all Pertinent Information?	Client <u>T</u> Project <u>T</u>	Analysis ID's	<u>T</u> <u>T</u>	Sampler Name	<u>T</u> <u>T</u>
Are Sample Labels filled out and legible?				Collection Dates/Times	
Are there Rushes?	<u>F</u>		Who was notified?		
Samples are received within holding time?		<u>I</u>			
Proper Media Used?	<u>T</u>		Individually Certified Cans?	<u>T- 18</u>	
Are there Trip Blanks?	<u>F</u>		Is there enough Volume?	<u>T</u>	

Containers:	#	Size	Regulator	Duration	Accessories:		
Summa Cans	<u>18</u>	<u>60LIT SCT</u>	<u>18</u>	<u>30 min</u>	Nut/Ferrule		IC Train
Tedlar Bags					Tubing		
TO-17 Tubes					T-Connector		Shipping Charges
Radiello					Syringe		
Pufs/TO-11s					Tedlar		

Can #'s	2142	2014	1112		Reg #'s	4088	4190	4197	
	<u>2025</u>	<u>1994</u>	<u>2183</u>			<u>4289</u>	<u>4285</u>	<u>4197</u>	
	<u>2033</u>	<u>2015</u>	<u>1053</u>			<u>4300</u>	<u>4194</u>	<u>4093</u>	
	<u>2156</u>	<u>2130</u>	<u>2186</u>			<u>4295</u>	<u>4310</u>	<u>4294</u>	
	<u>1886</u>	<u>2146</u>				<u>4181</u>	<u>4311</u>		
	<u>1452</u>	<u>1843</u>				<u>4180</u>	<u>4283</u>		
	<u>2228</u>	<u>1675</u>				<u>4206</u>	<u>4073</u>		
Unused Media				Pufs/TO-17's					

Comments:



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

August 20, 2018

Frank Postma
EA Engineering Science & Tech. - RI
301 Metro Center Blvd, Suite 102
Warwick, RI 02886

Project Location: Providence, RI
Client Job Number:
Project Number: 1506606
Laboratory Work Order Number: 18H0392

Enclosed are results of analyses for samples received by the laboratory on August 8, 2018. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Aaron L. Benoit". It is written in a cursive style with some variations in line thickness.

Aaron L. Benoit
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

EA Engineering Science & Tech. - RI
301 Metro Center Blvd, Suite 102
Warwick, RI 02886
ATTN: Frank Postma

REPORT DATE: 8/20/2018

PURCHASE ORDER NUMBER: 18155

PROJECT NUMBER: 1506606

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 18H0392

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Providence, RI

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Rooftop Fan #2	18H0392-01	Sub Slab		EPA TO-15	



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

EPA TO-15

Initial and continuing calibrations met all required performance standards for RCP compounds that are Title III Clean Air Act Amendment compounds listed in table 1 of the TO-15 method unless otherwise specified in this narrative.

Laboratory control sample recoveries and sample replicate RPDs were all within limits specified by the method for RCP compounds that are Title III Clean Air Act Amendment compounds listed in table 1 of the TO-15 method unless otherwise specified in this narrative. Recovery limits of 50-150% are used for propene, acetone, ethanol, isopropanol, ethyl acetate, tetrahydrofuran, cyclohexane, heptane, 2-hexanone, 4-ethyltoluene, n-butylbenzene, sec-butylbenzene, 4-isopropyltoluene, and 1,1,1,2-tetrachloroethane.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

A handwritten signature in black ink that reads "Lisa A. Worthington". The signature is fluid and cursive, with "Lisa A." on top and "Worthington" below it.

Lisa A. Worthington
Project Manager

ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 8/8/2018

Field Sample #: Rooftop Fan #2**Sample ID: 18H0392-01**

Sample Matrix: Sub Slab

Sampled: 8/7/2018 12:10

Sample Description/Location:

Sub Description/Location:

Canister ID: 2189

Canister Size: 6 liter

Flow Controller ID: 4090

Sample Type: 30 min

Work Order: 18H0392

Initial Vacuum(in Hg): -28

Final Vacuum(in Hg): -2.5

Receipt Vacuum(in Hg): -3.8

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv			ug/m3			Dilution	Date/Time Analyzed	Analyst
	Results	RL	Flag/Qual	Results	RL				
Acetone	19	2.0		45	4.8		1	8/18/18 21:09	TPH
Acrylonitrile	ND	0.29		ND	0.62		1	8/18/18 21:09	TPH
Benzene	0.080	0.050		0.26	0.16		1	8/18/18 21:09	TPH
Bromodichloromethane	ND	0.025		ND	0.17		1	8/18/18 21:09	TPH
Bromoform	ND	0.050		ND	0.52		1	8/18/18 21:09	TPH
2-Butanone (MEK)	ND	2.0		ND	5.9		1	8/18/18 21:09	TPH
n-Butylbenzene	ND	0.14		ND	0.79		1	8/18/18 21:09	TPH
sec-Butylbenzene	ND	0.11		ND	0.63		1	8/18/18 21:09	TPH
Carbon Tetrachloride	0.069	0.025		0.43	0.16		1	8/18/18 21:09	TPH
Chlorobenzene	ND	0.050		ND	0.23		1	8/18/18 21:09	TPH
Chloroethane	ND	0.050		ND	0.13		1	8/18/18 21:09	TPH
Chloroform	0.14	0.025		0.69	0.12		1	8/18/18 21:09	TPH
Chloromethane	ND	0.10		ND	0.21		1	8/18/18 21:09	TPH
Dibromochloromethane	ND	0.025		ND	0.21		1	8/18/18 21:09	TPH
1,2-Dibromoethane (EDB)	ND	0.025		ND	0.19		1	8/18/18 21:09	TPH
1,2-Dichlorobenzene	ND	0.050		ND	0.30		1	8/18/18 21:09	TPH
1,3-Dichlorobenzene	0.49	0.050		3.0	0.30		1	8/18/18 21:09	TPH
1,4-Dichlorobenzene	ND	0.050		ND	0.30		1	8/18/18 21:09	TPH
Dichlorodifluoromethane (Freon 12)	0.28	0.050		1.4	0.25		1	8/18/18 21:09	TPH
1,1-Dichloroethane	ND	0.025		ND	0.10		1	8/18/18 21:09	TPH
1,2-Dichloroethane	ND	0.025		ND	0.10		1	8/18/18 21:09	TPH
1,1-Dichloroethylene	ND	0.025		ND	0.099		1	8/18/18 21:09	TPH
cis-1,2-Dichloroethylene	ND	0.025		ND	0.099		1	8/18/18 21:09	TPH
trans-1,2-Dichloroethylene	ND	0.025		ND	0.099		1	8/18/18 21:09	TPH
1,2-Dichloropropane	ND	0.025		ND	0.12		1	8/18/18 21:09	TPH
1,3-Dichloropropane	ND	0.14		ND	0.62		1	8/18/18 21:09	TPH
cis-1,3-Dichloropropene	ND	0.025		ND	0.11		1	8/18/18 21:09	TPH
trans-1,3-Dichloropropene	ND	0.025		ND	0.11		1	8/18/18 21:09	TPH
Ethylbenzene	ND	0.050		ND	0.22		1	8/18/18 21:09	TPH
Isopropylbenzene (Cumene)	ND	0.13		ND	0.62		1	8/18/18 21:09	TPH
p-Isopropyltoluene (p-Cymene)	ND	0.11		ND	0.63		1	8/18/18 21:09	TPH
Methyl tert-Butyl Ether (MTBE)	ND	0.050		ND	0.18		1	8/18/18 21:09	TPH
Methylene Chloride	ND	0.50		ND	1.7		1	8/18/18 21:09	TPH
4-Methyl-2-pentanone (MIBK)	0.074	0.050		0.30	0.20		1	8/18/18 21:09	TPH
Styrene	ND	0.050		ND	0.21		1	8/18/18 21:09	TPH
1,1,1,2-Tetrachloroethane	ND	0.091		ND	0.62		1	8/18/18 21:09	TPH
1,1,2,2-Tetrachloroethane	ND	0.025		ND	0.17		1	8/18/18 21:09	TPH



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ANALYTICAL RESULTS

Project Location: Providence, RI

Date Received: 8/8/2018

Field Sample #: Rooftop Fan #2

Sample ID: 18H0392-01

Sample Matrix: Sub Slab

Sampled: 8/7/2018 12:10

Sample Description/Location:

Sub Description/Location:

Canister ID: 2189

Canister Size: 6 liter

Flow Controller ID: 4090

Sample Type: 30 min

Work Order: 18H0392

Initial Vacuum(in Hg): -28

Final Vacuum(in Hg): -2.5

Receipt Vacuum(in Hg): -3.8

Flow Controller Type: Fixed-Orifice

Flow Controller Calibration

RPD Pre and Post-Sampling:

EPA TO-15

Analyte	ppbv		ug/m3		Dilution	Date/Time Analyzed	Analyst	
	Results	RL	Flag/Qual	Results	RL			
Tetrachloroethylene	0.40	0.050		2.7	0.34	1	8/18/18 21:09	TPH
Toluene	0.15	0.050		0.56	0.19	1	8/18/18 21:09	TPH
1,1,1-Trichloroethane	0.029	0.025		0.16	0.14	1	8/18/18 21:09	TPH
1,1,2-Trichloroethane	ND	0.025		ND	0.14	1	8/18/18 21:09	TPH
Trichloroethylene	4.7	0.025		25	0.13	1	8/18/18 21:09	TPH
Trichlorofluoromethane (Freon 11)	2.9	0.20		16	1.1	1	8/18/18 21:09	TPH
1,2,4-Trimethylbenzene	ND	0.050		ND	0.25	1	8/18/18 21:09	TPH
1,3,5-Trimethylbenzene	ND	0.050		ND	0.25	1	8/18/18 21:09	TPH
Vinyl Chloride	ND	0.050		ND	0.13	1	8/18/18 21:09	TPH
m&p-Xylene	ND	0.10		ND	0.43	1	8/18/18 21:09	TPH
o-Xylene	ND	0.050		ND	0.22	1	8/18/18 21:09	TPH

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	101	70-130	8/18/18 21:09
4-Bromofluorobenzene (2)	107	70-130	8/18/18 21:09



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Sample Extraction Data

Prep Method: TO-15 Prep-EPA TO-15

Lab Number [Field ID]	Batch	Pressure Dilution	Pre Dilution	Pre-Dil Initial mL	Pre-Dil Final mL	Default Injection mL	Actual Injection mL	Date
18H0392-01 [Rooftop Fan #2]	B210610	2.5	1	N/A	1000	400	1000	08/18/18



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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	RL	ug/m3 Results	RL	Spike Level ppbv	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Flag/Qual
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Batch B210610 - TO-15 Prep

Blank (B210610-BLK1)	Prepared & Analyzed: 08/18/18									
Acetone	ND	1.4								
Acrylonitrile	ND	0.20								
Benzene	ND	0.035								
Bromodichloromethane	ND	0.018								
Bromoform	ND	0.035								
2-Butanone (MEK)	ND	1.4								
n-Butylbenzene	ND	0.10								
sec-Butylbenzene	ND	0.080								
Carbon Tetrachloride	ND	0.018								
Chlorobenzene	ND	0.035								
Chloroethane	ND	0.035								
Chloroform	ND	0.018								
Chloromethane	ND	0.070								
Dibromochloromethane	ND	0.018								
1,2-Dibromoethane (EDB)	ND	0.018								
1,2-Dichlorobenzene	ND	0.035								
1,3-Dichlorobenzene	ND	0.035								
1,4-Dichlorobenzene	ND	0.035								
Dichlorodifluoromethane (Freon 12)	ND	0.035								
1,1-Dichloroethane	ND	0.018								
1,2-Dichloroethane	ND	0.018								
1,1-Dichloroethylene	ND	0.018								
cis-1,2-Dichloroethylene	ND	0.018								
trans-1,2-Dichloroethylene	ND	0.018								
1,2-Dichloropropane	ND	0.018								
1,3-Dichloropropane	ND	0.095								
cis-1,3-Dichloropropene	ND	0.018								
trans-1,3-Dichloropropene	ND	0.018								
Ethylbenzene	ND	0.035								
Isopropylbenzene (Cumene)	ND	0.089								
p-Isopropyltoluene (p-Cymene)	ND	0.080								
Methyl tert-Butyl Ether (MTBE)	ND	0.035								
Methylene Chloride	ND	0.35								
4-Methyl-2-pentanone (MIBK)	ND	0.035								
Styrene	ND	0.035								
1,1,1,2-Tetrachloroethane	ND	0.064								
1,1,2,2-Tetrachloroethane	ND	0.018								
Tetrachloroethylene	ND	0.035								
Toluene	ND	0.035								
1,1,1-Trichloroethane	ND	0.018								
1,1,2-Trichloroethane	ND	0.018								
Trichloroethylene	ND	0.018								
Trichlorofluoromethane (Freon 11)	ND	0.14								
1,2,4-Trimethylbenzene	ND	0.035								
1,3,5-Trimethylbenzene	ND	0.035								
Vinyl Chloride	ND	0.035								



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QUALITY CONTROL**Air Toxics by EPA Compendium Methods - Quality Control**

Analyte	ppbv Results	RL	ug/m3 Results	RL	Spike Level ppbv	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Flag/Qual
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Batch B210610 - TO-15 Prep

Blank (B210610-BLK1)	Prepared & Analyzed: 08/18/18									
m&p-Xylene	ND	0.070								
o-Xylene	ND	0.035								
Surrogate: 4-Bromofluorobenzene (1)	8.04		8.00		101	70-130				
Surrogate: 4-Bromofluorobenzene (2)	8.52		8.00		107	70-130				
LCS (B210610-BS1)	Prepared & Analyzed: 08/18/18									
Acetone	4.28		5.00		85.6	70-130				
Acrylonitrile	2.87		2.88		99.8	70-130				
Benzene	3.79		5.00		75.9	70-130				
Bromodichloromethane	3.85		5.00		76.9	70-130				
Bromoform	3.92		5.00		78.4	70-130				
2-Butanone (MEK)	3.84		5.00		76.9	70-130				
n-Butylbenzene	0.926		1.14		81.2	70-130				
sec-Butylbenzene	0.858		1.14		75.3	70-130				
Carbon Tetrachloride	4.03		5.00		80.7	70-130				
Chlorobenzene	3.81		5.00		76.1	70-130				
Chloroethane	4.28		5.00		85.6	70-130				
Chloroform	3.70		5.00		73.9	70-130				
Chloromethane	4.04		5.00		80.7	70-130				
Dibromochloromethane	3.89		5.00		77.8	70-130				
1,2-Dibromoethane (EDB)	3.84		5.00		76.8	70-130				
1,2-Dichlorobenzene	3.92		5.00		78.4	70-130				
1,3-Dichlorobenzene	4.01		5.00		80.2	70-130				
1,4-Dichlorobenzene	4.02		5.00		80.4	70-130				
Dichlorodifluoromethane (Freon 12)	3.92		5.00		78.3	70-130				
1,1-Dichloroethane	3.85		5.00		77.0	70-130				
1,2-Dichloroethane	3.79		5.00		75.8	70-130				
1,1-Dichloroethylene	3.92		5.00		78.4	70-130				
cis-1,2-Dichloroethylene	3.70		5.00		74.1	70-130				
trans-1,2-Dichloroethylene	4.31		5.00		86.2	70-130				
1,2-Dichloropropane	3.88		5.00		77.7	70-130				
1,3-Dichloropropane	1.08		1.35		80.1	70-130				
cis-1,3-Dichloropropene	3.86		5.00		77.3	70-130				
trans-1,3-Dichloropropene	3.82		5.00		76.5	70-130				
Ethylbenzene	3.75		5.00		75.0	70-130				
Isopropylbenzene (Cumene)	0.935		1.27		73.6	70-130				
p-Isopropyltoluene (p-Cymene)	0.846		1.14		74.2	70-130				
Methyl tert-Butyl Ether (MTBE)	3.62		5.00		72.3	70-130				
Methylene Chloride	4.03		5.00		80.6	70-130				
4-Methyl-2-pentanone (MIBK)	3.86		5.00		77.3	70-130				
Styrene	3.79		5.00		75.9	70-130				
1,1,1,2-Tetrachloroethane	0.692		0.910		76.0	70-130				
1,1,2,2-Tetrachloroethane	3.78		5.00		75.7	70-130				
Tetrachloroethylene	3.93		5.00		78.6	70-130				
Toluene	3.84		5.00		76.9	70-130				
1,1,1-Trichloroethane	3.61		5.00		72.2	70-130				
1,1,2-Trichloroethane	3.95		5.00		79.0	70-130				



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QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

Analyte	ppbv Results	RL	ug/m3 Results	RL	Spike Level ppbv	Source Result	%REC %REC	RPD Limits	RPD RPD	Limit	Flag/Qual
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Batch B210610 - TO-15 Prep

LCS (B210610-BS1)						Prepared & Analyzed: 08/18/18					
Trichloroethylene		3.81		5.00		76.3		70-130			
Trichlorofluoromethane (Freon 11)		4.00		5.00		79.9		70-130			
1,2,4-Trimethylbenzene		3.74		5.00		74.8		70-130			
1,3,5-Trimethylbenzene		3.80		5.00		76.0		70-130			
Vinyl Chloride		4.06		5.00		81.1		70-130			
m&p-Xylene		7.58		10.0		75.8		70-130			
o-Xylene		3.86		5.00		77.2		70-130			
<i>Surrogate: 4-Bromofluorobenzene (1)</i>		8.40		8.00		105		70-130			
<i>Surrogate: 4-Bromofluorobenzene (2)</i>		8.16		8.00		102		70-130			



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FLAG/QUALIFIER SUMMARY

* QC result is outside of established limits.

† Wide recovery limits established for difficult compound.

‡ Wide RPD limits established for difficult compound.

Data exceeded client recommended or regulatory level

ND Not Detected

RL Reporting Limit is at the level of quantitation (LOQ)

DL Detection Limit is the lower limit of detection determined by the MDL study

MCL Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.



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INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Initial Cal Check (S026138-ICV1)		Lab File ID: H081021.D				Analyzed: 08/11/18 01:21			
Bromochloromethane (1)	275670	9.208	273783	9.208	101	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	637977	11.11	622169	11.116	103	60 - 140	-0.0060	+/-0.50	
Chlorobenzene-d5 (1)	596961	15.908	575407	15.908	104	60 - 140	0.0000	+/-0.50	

INTERNAL STANDARD AREA AND RT SUMMARY

EPA TO-15

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S026370-CCV1)		Lab File ID: H081802.D				Analyzed: 08/18/18 11:55			
Bromochloromethane (1)	316698	9.208	273783	9.208	116	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	668127	11.116	622169	11.116	107	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	582083	15.908	575407	15.908	101	60 - 140	0.0000	+/-0.50	
LCS (B210610-BS1)		Lab File ID: H081804.D				Analyzed: 08/18/18 13:27			
Bromochloromethane (1)	335756	9.208	316698	9.208	106	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	709831	11.116	668127	11.116	106	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (1)	644379	15.908	582083	15.908	111	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (2)	660854	11.11	656182	11.11	101	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (2)	629277	15.914	598640	15.914	105	60 - 140	0.0000	+/-0.50	
Blank (B210610-BLK1)		Lab File ID: H081809.D				Analyzed: 08/18/18 17:21			
Bromochloromethane (1)	315680	9.208	316698	9.208	100	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (1)	636494	11.11	668127	11.116	95	60 - 140	-0.0060	+/-0.50	
Chlorobenzene-d5 (1)	585827	15.908	582083	15.908	101	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (2)	636446	11.11	656182	11.11	97	60 - 140	0.0000	+/-0.50	
Chlorobenzene-d5 (2)	586089	15.908	598640	15.914	98	60 - 140	-0.0060	+/-0.50	
Rooftop Fan #2 (18H0392-01)		Lab File ID: H081813.D				Analyzed: 08/18/18 21:09			
Bromochloromethane (1)	323272	9.226	316698	9.208	102	60 - 140	0.0180	+/-0.50	
1,4-Difluorobenzene (1)	661658	11.122	668127	11.116	99	60 - 140	0.0060	+/-0.50	
Chlorobenzene-d5 (1)	640274	15.908	582083	15.908	110	60 - 140	0.0000	+/-0.50	
1,4-Difluorobenzene (2)	661658	11.122	656182	11.11	101	60 - 140	0.0120	+/-0.50	
Chlorobenzene-d5 (2)	640274	15.908	598640	15.914	107	60 - 140	-0.0060	+/-0.50	

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CONTINUING CALIBRATION CHECK**EPA TO-15****S026370-CCV1**

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	5.00	3.95	0.952067	0.7513025		-21.1	30
Benzene	A	5.00	3.94	1.004211	0.7908101		-21.3	30
Bromodichloromethane	A	5.00	4.10	0.7415045	0.6075899		-18.1	30
Bromoform	A	5.00	4.57	0.6665719	0.6093646		-8.6	30
2-Butanone (MEK)	A	5.00	3.98	1.460306	1.162708		-20.4	30
Carbon Tetrachloride	A	5.00	4.23	0.6442397	0.5454987		-15.3	30
Chlorobenzene	A	5.00	4.22	0.9241172	0.7795727		-15.6	30
Chloroethane	A	5.00	4.33	0.3128668	0.2709357		-13.4	30
Chloroform	A	5.00	3.80	1.498725	1.140397		-23.9	30
Chloromethane	A	5.00	4.22	0.6118412	0.5158125		-15.7	30
Dibromochloromethane	A	5.00	4.40	0.7456063	0.6558515		-12.0	30
1,2-Dibromoethane (EDB)	A	5.00	4.28	0.6372317	0.5458411		-14.3	30
1,2-Dichlorobenzene	A	5.00	4.52	0.7890864	0.7140837		-9.5	30
1,3-Dichlorobenzene	A	5.00	4.64	0.828356	0.7683413		-7.2	30
1,4-Dichlorobenzene	A	5.00	4.63	0.8169175	0.7558537		-7.5	30
Dichlorodifluoromethane (Freon 12)	A	5.00	3.99	1.698358	1.353991		-20.3	30
1,1-Dichloroethane	A	5.00	3.86	1.378874	1.065196		-22.7	30
1,2-Dichloroethane	A	5.00	3.96	0.9826381	0.7779778		-20.8	30
1,1-Dichloroethylene	A	5.00	3.90	1.166993	0.9103487		-22.0	30
cis-1,2-Dichloroethylene	A	5.00	3.85	1.051047	0.809114		-23.0	30
trans-1,2-Dichloroethylene	A	5.00	3.81	0.9789775	0.7465535		-23.7	30
1,2-Dichloropropane	A	5.00	4.05	0.4159179	0.3365205		-19.1	30
cis-1,3-Dichloropropene	A	5.00	4.09	0.5967363	0.4877061		-18.3	30
trans-1,3-Dichloropropene	A	5.00	4.10	0.5432463	0.4449453		-18.1	30
Ethylbenzene	A	5.00	4.13	1.644904	1.358792		-17.4	30
Methyl tert-Butyl Ether (MTBE)	A	5.00	3.55	1.945394	1.381854		-29.0	30
Methylene Chloride	A	5.00	4.06	0.8713473	0.706768		-18.9	30
4-Methyl-2-pentanone (MIBK)	A	5.00	4.21	0.8269165	0.6961862		-15.8	30
Styrene	A	5.00	4.10	0.9086074	0.7444821		-18.1	30
1,1,2,2-Tetrachloroethane	A	5.00	4.40	0.9948839	0.8745804		-12.1	30
Tetrachloroethylene	A	5.00	4.25	0.5076897	0.4315398		-15.0	30
Toluene	A	5.00	4.16	1.261752	1.050608		-16.7	30
1,1,1-Trichloroethane	A	5.00	4.08	0.6424863	0.524899		-18.3	30
1,1,2-Trichloroethane	A	5.00	4.39	0.4222795	0.3706633		-12.2	30
Trichloroethylene	A	5.00	3.99	0.4257202	0.3396193		-20.2	30
Trichlorofluoromethane (Freon 11)	A	5.00	4.03	1.568981	1.265387		-19.3	30
1,2,4-Trimethylbenzene	A	5.00	4.28	1.42119	1.217443		-14.3	30
1,3,5-Trimethylbenzene	A	5.00	4.32	1.423446	1.230208		-13.6	30



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CONTINUING CALIBRATION CHECK

EPA TO-15

S026370-CCV1

COMPOUND	TYPE	CONC. (ppbv)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Vinyl Chloride	A	5.00	4.23	0.6784314	0.5735129		-15.5	30
m&p-Xylene	A	10.0	8.35	1.260557	1.052367		-16.5	30
o-Xylene	A	5.00	4.21	1.291547	1.086336		-15.9	30

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits



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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA TO-15 in Air	
Acetone	AIHA,NY
Acrylonitrile	AIHA,NJ,NY
Benzene	AIHA,FL,NJ,NY,VA
Bromodichloromethane	AIHA,NJ,NY,VA
Bromoform	AIHA,NJ,NY,VA
2-Butanone (MEK)	AIHA,FL,NJ,NY,VA
n-Butylbenzene	AIHA
sec-Butylbenzene	AIHA
Carbon Tetrachloride	AIHA,FL,NJ,NY,VA
Chlorobenzene	AIHA,FL,NJ,NY,VA
Chloroethane	AIHA,FL,NJ,NY,VA
Chloroform	AIHA,FL,NJ,NY,VA
Chloromethane	AIHA,FL,NJ,NY,VA
Dibromochloromethane	AIHA,NY
1,2-Dibromoethane (EDB)	AIHA,NJ,NY
1,2-Dichlorobenzene	AIHA,FL,NJ,NY,VA
1,3-Dichlorobenzene	AIHA,NJ,NY
1,4-Dichlorobenzene	AIHA,FL,NJ,NY,VA
Dichlorodifluoromethane (Freon 12)	AIHA,NY
1,1-Dichloroethane	AIHA,FL,NJ,NY,VA
1,2-Dichloroethane	AIHA,FL,NJ,NY,VA
1,1-Dichloroethylene	AIHA,FL,NJ,NY,VA
cis-1,2-Dichloroethylene	AIHA,FL,NY,VA
trans-1,2-Dichloroethylene	AIHA,NJ,NY,VA
1,2-Dichloropropane	AIHA,FL,NJ,NY,VA
1,3-Dichloropropane	AIHA
cis-1,3-Dichloropropene	AIHA,FL,NJ,NY,VA
trans-1,3-Dichloropropene	AIHA,NY
Ethylbenzene	AIHA,FL,NJ,NY,VA
Isopropylbenzene (Cumene)	AIHA,NJ,NY
p-Isopropyltoluene (p-Cymene)	AIHA
Methyl tert-Butyl Ether (MTBE)	AIHA,FL,NJ,NY,VA
Methylene Chloride	AIHA,FL,NJ,NY,VA
4-Methyl-2-pentanone (MIBK)	AIHA,FL,NJ,NY
Styrene	AIHA,FL,NJ,NY,VA
1,1,1,2-Tetrachloroethane	AIHA
1,1,2,2-Tetrachloroethane	AIHA,FL,NJ,NY,VA
Tetrachloroethylene	AIHA,FL,NJ,NY,VA
Toluene	AIHA,FL,NJ,NY,VA
1,1,1-Trichloroethane	AIHA,FL,NJ,NY,VA
1,1,2-Trichloroethane	AIHA,FL,NJ,NY,VA
Trichloroethylene	AIHA,FL,NJ,NY,VA
Trichlorofluoromethane (Freon 11)	AIHA,NY
1,2,4-Trimethylbenzene	AIHA,NJ,NY
1,3,5-Trimethylbenzene	AIHA,NJ,NY
Vinyl Chloride	AIHA,FL,NJ,NY,VA
m&p-Xylene	AIHA,FL,NJ,NY,VA



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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
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EPA TO-15 in Air

o-Xylene	AIHA,FL,NJ,NY,VA
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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	03/1/2020
MA	Massachusetts DEP	M-MA100	06/30/2019
CT	Connecticut Department of Public Health	PH-0567	09/30/2019
NY	New York State Department of Health	10899 NELAP	04/1/2019
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2019
RI	Rhode Island Department of Health	LAO00112	12/30/2018
NC	North Carolina Div. of Water Quality	652	12/31/2018
NJ	New Jersey DEP	MA007 NELAP	06/30/2019
FL	Florida Department of Health	E871027 NELAP	06/30/2019
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2019
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2018
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2018
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2019
NC-DW	North Carolina Department of Health	25703	07/31/2019

**I Have Not Confirmed Sample Container
Numbers With Lab Staff Before
Relinquishing Over
Samples.**



Doc# 278 Rev 6 2017

Air Media Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client	FAT Engineering		
Received By	RTP	Date	8/8/18
How were the samples received?	In Cooler In Box	On Ice Ambient	No Ice Melted Ice
Vere samples within Temperature Compliance? 2-6°C		By Gun # By Blank #	Actual Temp - Actual Temp -
Was Custody Seal Intact?	N/A	Were Samples Tampered with?	
Was COC Relinquished?	T	Does Chain Agree With Samples?	
Are there any loose caps/valves on any samples?		F	
COC in ink/ Legible?	T		
Did COC Include all pertinent Information?	Client Project	Analysis ID's	Sampler Name Collection Dates/Times
Are Sample Labels filled out and legible?	T	T	T T
Are there Rushes?	F	Who was notified?	
Samples are received within holding time?	T		
Proper Media Used?	T	Individually Certified Cans?	
Are there Trip Blanks?	F	Is there enough Volume?	

Containers:	#	Size	Regulator	Duration	Accessories:		
Summa Cans	1	6L	1	30 min	Nut/Ferrule		IC Train
Tedlar Bags					Tubing		
TO-17 Tubes					T-Connector		Shipping Charges
Radiello					Syringe		
Pufs/TO-11s					Tedlar		

Comments:

APPENDIX F

Laboratory MRL Correspondence



39 Spruce Street
East Longmeadow, MA 01089

September 10, 2018

Frank Postma
EA Engineering Science & Technology
2350 Post Road
Warwick, RI 02886
RE: RIDEM – Approved Action Level – Work Order 18G1239

Dear Mr. Postma:

This letter is in response to the RIDEM – Approved Action Levels provided. Several of the compounds, appear to be beyond the scope of the current methodologies available, as well as, the current analytical instrumentation available for these methods. The following compounds that Con-Test Laboratory had issues meeting the limits are listed below:

Samples: 18G1239-01 through 18G1239-06 and 18G1239-18

1,1,1,2-Tetrachloroethane

Samples: 18G1239-07, 18G1239-08, 18G1239-15 and 18G1239-17

1,1,1,2-Tetrachloroethane

1,2-Dibromoethane

Samples: 18G1239-09, 18G1239-10, 18G1239-11, 18G1239-12, 18G1239-13 and 18G1239-14

Bromodichloromethane, Bromoform, 1,2-Dibromoethane, 1,2-Dichloroethane, 1,2-Dichloropropane, Methylene chloride, 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane and Vinyl chloride

If you have any questions please feel free to call me at (413) 525-2332 ext. 41.

Sincerely,

A handwritten signature in black ink, appearing to read "Tod Kopyscinski".

Tod Kopyscinski
Laboratory Director



39 Spruce Street
East Longmeadow, MA 01089

September 10, 2018

Frank Postma
EA Engineering Science & Technology
2350 Post Road
Warwick, RI 02886
RE: RIDEM – Approved Action Level – Work Order 18H0392

Dear Mr. Postma:

This letter is in response to the RIDEM – Approved Action Levels provided. Several of the compounds, appear to be beyond the scope of the current methodologies available, as well as, the current analytical instrumentation available for these methods. The following compounds that Con-Test Laboratory had issues meeting the limits are listed below:

Bromodichloromethane
1,1,2,2-Tetrachloroethane
1,1,1,2-Tetrachloroethane
1,2-Dibromoethane
1,2-Dichloroethane

If you have any questions please feel free to call me at (413) 525-2332 ext. 41.

Sincerely,

A handwritten signature in black ink that reads "Tod Kopyscinski". The signature is fluid and cursive, with "Tod" and "Kopyscinski" being the most distinct parts.

Tod Kopyscinski
Laboratory Director