



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

30 December 2016

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. 37  
Alvarez High School, 333 Adelaide Avenue, Providence, Rhode Island  
Case No. 2005-029  
EA Project No. 15066.04*

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 September 2016 through November 2016.

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: B. Luger, Prov. Dept. of Public Schools  
D. Granlek, Prov. Redevelopment Agency  
R. Dorr, Neighborhood Resident  
Rep. Scott Slater  
Knight Memorial Library Repository  
A. Sepe, Prov. Dept. of Public Property  
S. Fischbach, RI Legal Services  
J. Pichardo, Senator  
Principal Hawkins, Alvarez High School



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# **Quarterly O&M Status Report No. 37**

## **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 Westminister Street  
Providence, Rhode Island 02903

*Prepared by*

EA Engineering, Science, and Technology, Inc., PBC  
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EA Project No. 15066.04  
December 2016



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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. 37 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 3-month period from September 2016 through November 2016 (Quarterly Reporting Period No. 37). Please refer to Quarterly O&M Status Reports No. 1 through No. 36 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**

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 subslab vacuum monitoring (15 September 2016, 21 October 2016, and 16 November 2016) at 11 monitoring locations, as illustrated on the As-Built Subslab Monitoring and Sampling Plan provided as Figure 3.
- Quarterly sampling (21 October 2016) of eight indoor air locations, one ambient outdoor air location, and six subslab points.
- Monthly inspections and monitoring (air velocity and vacuum) and annual sampling of 3 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.

Vacuum measurements taken at each interior and perimeter subslab monitoring/sampling locations ranged from -0.01 to -0.08 in. of water column. Negative measurements confirm that a negative pressure exists beneath the building slab as a result of the continuous fan operation.

There were no alarms from the control panel for the indoor methane monitoring system during this monitoring period. EA tested the cell phone autodialer unit by triggering an alarm condition during the September, October, and November monitoring events. The autodialer functioned as intended and notified emergency contacts of the alarm condition. The annual cell phone contract is scheduled to be renewed on or before its end date of 15 December 2016.

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. In addition, the methane monitoring system was inspected and filters were replaced on 21 October 2016. The next filter replacement is scheduled for January 2017.

## 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 21 October 2016.

The samples collected in October 2016 were submitted to Con-Test Analytical Laboratory (Con-Test) for analysis of volatile organic compounds (VOCs) via Method TO-15 Selective Ion Monitoring (SIM). All samples were collected within individually certified summa canisters. 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 event results. Each summa canister used during this monitoring period was individually analyzed to certify that all compounds were below the 0.2 parts per billion (ppb) limit before the sampling event. 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.

The laboratory method detection limits (MDLs) for several VOCs reported via TO-15 analysis were greater than the respective CT RTACs/RIDEM threshold levels even though analyzed via the SIM procedure. Refer to Appendix F for an MDL verification letter from Con-Test verifying that where MDLs are not able to be met, the detection limit was the lowest currently achievable. The elevated MDLs occurred primarily with analytes that are not the constituents of concern (COCs) for the project. Additionally, many of these analytes have never been detected at concentrations greater than the applicable standards. Therefore, the slightly elevated MDLs for some analytes were not significant and do not disqualify the dataset.

Sampling locations for the indoor and sub-slab air samples are illustrated on Figure 3. The ambient outdoor air sample was collected upwind (northeast) of the school. A data summary table is provided as Appendix B and copies of the laboratory data reports associated with these sampling events are provided in Appendix E.

Four analytes were identified in indoor and ambient outdoor air above the CT RTACs and RIDEM threshold levels during the October 2016 quarterly sampling event.

Benzene was detected in the Ambient Outdoor Air sample at a concentration of  $3.3 \mu\text{g}/\text{m}^3$ , which is at the RIDEM amended threshold value of  $3.3 \mu\text{g}/\text{m}^3$ . Benzene was detected well below the RIDEM threshold value in all indoor air samples, at concentrations ranging between  $0.29$  and  $0.93 \mu\text{g}/\text{m}^3$ . Benzene has never been detected in indoor air above the RIDEM threshold value. Benzene has previously been detected above the  $3.3 \mu\text{g}/\text{m}^3$  in outdoor ambient air samples. The last detection of benzene above the RIDEM threshold value in ambient outdoor air was in 2011. During the October 2016 sampling event, outdoor air was noted as being stagnant. The detected benzene in the ambient outdoor air sample likely came from an outdoor source. Benzene is not likely to cause soil vapor intrusion indoors since all indoor air samples had benzene concentrations below the RIDEM threshold value.

Carbon tetrachloride was detected in the Gymnasium at a concentration of  $0.54 \mu\text{g}/\text{m}^3$ , which exceeded 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 at concentrations ranging between  $0.19$  and  $0.77 \mu\text{g}/\text{m}^3$ . The detections during the October 2016 sampling event are consistent with historical detections and not attributable to soil vapor intrusion.

Chloroform was detected in the Kitchen Storage Room at a concentration of  $1.5 \mu\text{g}/\text{m}^3$  and in the Cafeteria at a concentration of  $0.58 \mu\text{g}/\text{m}^3$ , which exceed 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 as well as a common laboratory contaminant. Insecticides and cleaning chemicals have historically been used at the school, though typically during the summer. Chloroform was last detected over the threshold value during the use of floor stripping chemicals in the summers of 2014 and 2015, in the fall of 2015, and the spring and summer of 2016. Detections of chloroform are not believed to be indicative of a soil-vapor intrusion pathway due to the low concentration of chloroform in the soil vapor (maximum of  $0.16 \mu\text{g}/\text{m}^3$ ) and the dilution that occurs when soil vapor migrates to indoor air.

Methylene chloride was detected in Room 152 at a concentration of  $4.6 \mu\text{g}/\text{m}^3$ , above the RIDEM amended threshold value of  $3.0 \mu\text{g}/\text{m}^3$ . The analyte was also detected in all other indoor air sampling locations, except Room 145, at concentrations between  $0.72$  and  $1.4 \mu\text{g}/\text{m}^3$ . These concentrations have been reported to RIDEM. Methylene chloride is a common laboratory contaminant and byproduct of many cleaning products, including paint strippers. The presence of this contaminant has been previously attributed to use of cleaning products at the school; however, the RIDEM-duplicated samples collected during the October 2014 sampling event had significantly lower concentrations of methylene chloride than those analyzed at Con-Test Laboratory. Methylene chloride is not a contaminant of concern at the site and was detected at an identical magnitude in the sub-slab samples, indicating that the origin is not from soil vapor.

## **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. Four exterior subslab vapor samples and two interior subslab vapor samples were collected on 21 October 2016 in accordance with the Amended OA rotating sampling schedule and analyzed for VOCs via US EPA Method TO-15 SIM. The subslab analytical results are presented in Appendix C and copies of the laboratory data reports associated with these sampling events are included in Appendix E.

The subslab data has been evaluated for potential rebound. No evidence of increasing VOCs (i.e., VOC rebound) beneath the school has been observed. Slight fluctuations in concentrations were noted during this reporting period. These variations were within historical ranges and do not constitute an increasing trend.

## 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 20 July 2016. The results of rooftop fan sampling event are summarized in Appendix D. No exceedances of the RIDEM Air Pollution Control Permit Applicability Thresholds for hourly, daily, or yearly emissions were observed. The next annual rooftop effluent VOC sampling event is scheduled for July 2017.

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, and July 2015 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. More data may be sought to evaluate this issue during varying weather conditions.

## 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.
- 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. Slight fluctuations in concentrations were noted during this reporting period; these variations do not constitute an increasing trend.
- Four analytes, benzene, carbon tetrachloride, chloroform, and methylene chloride, were detected at concentrations exceeding the CT RTAC/RIDEM threshold values at various locations (Room 152, Gymnasium, Kitchen Storage Room, Cafeteria, and Ambient Outdoor

Air). None of these exceedances were determined to be caused by soil vapor intrusion into the building and are likely from indoor, outdoor, or laboratory sources.

- The use of certified clean summa canisters, as requested by RIDEM, yielded high confidence in the samples collected on 20 July 2016. EA will continue to use certified clean canisters in the upcoming sampling events.

### **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 December 2016 to February 2017:

- 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 January 2017.

These activities will be summarized in the next status report (Quarterly Status Report No. 38), expected to be submitted by the end of March 2017.

# FIGURES

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# APPENDIX A

## O&M Field Forms

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

Date of O&M: 9/15/2016

Performed by: D Allen

PID/Methane Calibration? yes (yes/no)

PID Calibration Result: 10.0

Date of last Methane Sensor Filter Replacement: \_\_\_\_\_

Replaced this O&M Visit? No (yes/no)

good, school in session

General Status of SSD System:

General Status of Methane Monitoring System:

good, school in session

Eng. Cap/Fence Inspection Performed/Notes:

(take photographs of any deficiencies noted)

Monitoring/ Sampling Location	Sub-slab or gauge vacuum	Air Velocity (fpm)	VOC Monitoring	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)	
			PID (ppb)	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	37	0	0	0							
Kitchen Storage Room	NA	NA	0	0	0	0							
Elevator Hallway	NA	NA	18	0	0	0							
Room 145	NA	NA	0	0	0	0							
Room 152	NA	NA	354	0	0	0							
Room 118	NA	NA	1158	0	0	0							just sprayed lysol in room
Room 110	NA	NA	0	0	0	0							
MP-1	0.07	NA	0	NA	0	0							
MP-2	0.05	NA	0	NA	0	0							
MP-3	0.03	NA	0	NA	0	0							
MP-4	0.01	NA	0	NA	0	0							
MP-5	0.04	NA	0	NA	0	0							
MP-6	0.04	NA	0	NA	0	0							
MP-7	0.02	NA	0	NA	0	0							
MP-8	0.07	NA	0	NA	0	0							
IMP-1	0.01	NA	18	NA	0	0							
IMP-2	0.02	NA	12	NA	0	0							
IMP-3	0.01	NA	0	NA	0	0							
Roof-Top Fan 1				NA									
Roof-Top Fan 2				NA									
Roof-Top Fan 3	-1.9	2443	24	NA	0	0							
Ambient Outdoor Air	NA	NA	0	NA	0	0							

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.



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

Date of O&M: 10/21/2016

Performed by: CSM/DA

PID/Methane Calibration? yes (yes/no)

PID Calibration Result: 10.0

Date of last Methane Sensor Filter Replacement: oct

Replaced this O&M Visit? Yes (yes/no)

on

General Status of SSD System:

General Status of Methane Monitoring System: on

System:

Eng. Cap/Fence Inspection

Performed/Notes:

good, one hole under gutter

(take photographs of any deficiencies noted)

Monitoring/ Sampling Location	Sub-slab or gauge vacuum	Air Velocity (fpm)	VOC Monitoring	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)
			PID (ppb)	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	66	0	0	0	2203	4192	11:17 AM	-28	11:49 AM	-4	
Cafeteria	NA	NA	0	0	0	0	2181	4089	9:44 AM	-28.5	10:14 AM	-6	kitchen staff wiping tables with cleaning solution
Kitchen Storage Room	NA	NA	0	0	0	0	1824	4292	9:48 AM	-28	10:18 AM	-4	doors to freezer and outside were opened during sampling
Elevator Hallway	NA	NA	75	0	0	0	1823	4088	9:40 AM	-29	10:10 AM	-7	
Room 145	NA	NA	110	0	0	0	1506	4183	10:31 AM	-25	11:01 AM	-0.5	
Room 152	NA	NA	144	0	0	0	2140	4173	10:37 AM	-21	11:07 AM	0	
Room 118	NA	NA	68	0	0	0	1979	4182	10:51 AM	-29	11:20 AM	-5	
Room 110	NA	NA	75	0	0	0	2178	4293	10:44 AM	-29	11:14 AM	-3	
MP-1	-0.06	NA	0	NA	0	0	-	-	-	-	-	-	NS
MP-2	-0.04	NA	0	NA	0	0	1977	4098	8:34 AM	-29	9:05 AM	-5	
MP-3	-0.03	NA	0	NA	0	0	-	-	-	-	-	-	NS
MP-4	-0.03	NA	0	NA	0	0	-	-	-	-	-	-	NS
MP-5	-0.05	NA	0	NA	0	0	2207	4103	9:02 AM	-28	9:37 AM	-7	
MP-6	-0.03	NA	0	NA	0	0	-	-	-	-	-	-	ns
MP-7	-0.02	NA	0	NA	0	0	2161	4104	8:57 AM	-30	9:39 AM	-7	
MP-8	-0.08	NA	33	NA	0	0	1022	4070	8:17 AM	-30	8:47 AM	-6	
IMP-1	-0.01	NA	77	NA	0	0	1452	4193	11:24 AM	-29	11:55 AM	-4	
IMP-2	-0.01	NA	95	NA	0	0	-	-	-	-	-	-	NS
IMP-3	-0.01	NA	365	NA	0	0	2199	4172	11:01 AM	-27	11:31 AM	-4	
Roof-Top Fan 1	-1.8	1844	0	NA	0	0	-	-	-	-	-	-	NS
Roof-Top Fan 2	-2.2	2838	0	NA	0	0	-	-	-	-	-	-	NS
Roof-Top Fan 3	-2	2268	0	NA	0	0	-	-	-	-	-	-	NS
Ambient Outdoor Air	NA	NA	0	NA	0	0	1463	4075	8:40 AM	-29	9:10 AM	-5	barely any wind. from NE. can in back right 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.



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

Date of O&M: 11/16/2016

Performed by: Dan Allen

PID/Methane Calibration? yes (yes/no)

PID Calibration Result: 10.0

Date of last Methane Sensor Filter Replacement: Oct 2016

Replaced this O&M Visit? No (yes/no)

Good, on

General Status of SSD System:

General Status of Methane Monitoring System:

Good, on

Eng. Cap/Fence Inspection Performed/Notes:

None

(take photographs of any deficiencies noted)

Monitoring/ Sampling Location	Sub-slab or gauge vacuum	Air Velocity (fpm)	VOC Monitoring	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)	
			PID (ppb)	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	24	0	0	0							
Room 152	NA	NA	0	0	0	0							
Room 118	NA	NA	0	0	0	0							
Room 110	NA	NA	18	0	0	0							
MP-1	-0.4	NA	0	NA	0	0							
MP-2	-0.1	NA	0	NA	0	0							
MP-3	-0.2	NA	0	NA	0	0							
MP-4	-05	NA	0	NA	0	0							
MP-5	-0.2	NA	0	NA	0	0							
MP-6	-0.7	NA	0	NA	0	0							
MP-7	-0.1	NA	0	NA	0	0							
MP-8	-0.1	NA	0	NA	0	0							
IMP-1	-0.2	NA	0	NA	0	0							
IMP-2	-0.1	NA	0	NA	0	0							
IMP-3	-0.3	NA	0	NA	0	0							
Roof-Top Fan 1	-1.25	2249	0	NA	0	0							
Roof-Top Fan 2	-1.5	2746	0	NA	0	0							
Roof-Top Fan 3	-2	3295	0	NA	0	0							
Ambient Outdoor Air	NA	NA	0	NA	0	0							

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.

## APPENDIX B

### Indoor and Ambient Outdoor Air Analytical Summary

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**Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds  
February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 106m 23			Ambient Outdoor (AOA-1)			AOA-2		AOA-3				
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		
Acetone	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 <sup>2</sup>		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		16.200		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		14.000		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		3.600		5.600		5.000		3.300		4.000						2.400								
	25-Feb-09		2.400	U	2.900		2.400		NS	U	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		7.700						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		19.300		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		11.500	U	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		14.900		14.900		33.200		33.200		12.600		24.000		#	#			9.850								
	26-Jan-11**		NS		17.000		15.000		NS		NS		NS		12.000		NS						NS								
	27-Apr-11		6.820		11.300		12.800		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		18.000		10.000		37.000		19.000						13.000								
	13-Apr-12		11.000		16.000		11.000		11.000		11.000		21.000		9.100		19.000						24.000								
	Jul-12 resamp		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		25.000		26.000		22.000		24.000		41.000		28.000		35.000		32.000						24.000								
	9-Jul-13 RIDEM		NS		NS		NS		NS		18.827		NS		NS		NS					11.710									
	18-Oct-13		34.000		32.000		30.000		42.000		29.000		29.000		46.000		34.000						20.000								
	9-Jan-14		8.900		19.000		16.000		20.000		21.000		24.000		27.000		45.000						8.300								
	24-Apr-14		19.000		12.000		18.000		17.000		17.000 <sup>M</sup>		12.000		16.000		76.000 <sup>M</sup>						6.100								
	1-Aug-14		35.000 <sup>M</sup>		12.000 <sup>M</sup>		29.000 <sup>M</sup>		37.000 <sup>M</sup>		43.000 <sup>M</sup>		38.000 <sup>M</sup>		81.000/62.000 <sup>M</sup>		35.000 <sup>M</sup>						27.000 <sup>M</sup>								
Sept-14 resamp		NS		NS		NS		NS		NS		NS		33.000		NS						NS									
22-Oct-14		17.000		12.000		18.000		2.900	U	18.000		34.000		26.000		51.000						13.000									
20-Jan-15		37.000		30.000		30.000		34.000		39.000		44.000		57.000		17.000						49.000									
Mar-15 resamp		NS		NS		NS		NS		NS		NS		NS		23.000						NS									
22-Apr-15		16.000		21.000		79.000 <sup>V</sup>		15.000		20.000		1.900	U	34.000		43.000						17.000									
21-Jul-15		36.000		15.000 <sup>A</sup>		24.000		23.000		16.000		17.000		22.000		23.000						13.000									
Sept-15 resamp		NS		NS		NS		NS		NS		NS		7.900		NS						NS									
29-Oct-15		4.800		19.000		22.000		18.000		7.700		33.000		22.000		16.000						9.200									
Dec-15 resamp		NS		13.000		NS		NS		NS		NS		NS		NS						NS									
27-Jan-16		20		19		14		20		16		38		51		8.1						9.8									
20-Apr-16 <sup>3</sup>		15		7.2		8.1		7.2		11		11		6.4		8.1						8.1									
20-Jul-16		19 <sup>B</sup>		16 <sup>B</sup>		34 <sup>B</sup>		43 <sup>B</sup>		18 <sup>B</sup>		27 <sup>B</sup>		57 <sup>B</sup>		57 <sup>B</sup>						12 <sup>B</sup>									
21-Oct-16		25		30		27		28		30		37		24		35						28									

**Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds  
February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 206m 23			Ambient Outdoor (AOA-1)		AOA-2		AOA-3		
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
Acrylonitrile	8-Feb-08		1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U			1.080	U				
	27-Mar-08		1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U			1.080	U				
	25-Apr-08		1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U			1.080	U				
	29-May-08		1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U			1.080	U				
	27-Jun-08		1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U			1.080	U				
	31-Jul-08		1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U			1.080	U				
	28-Aug-08		1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U			1.080	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	2.200	U	NS	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200	U			2.200	U				
	26-Mar-09		1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U			1.080	U				
	29-Apr-09		1.080	U	1.080	U	2.740	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U			1.080	U				
	22-Jul-09		1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U			1.080	U				
	9-Oct-09		1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U			1.080	U				
	15-Jan-10		1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U			1.080	U				
	21-Apr-10		1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U			1.080	U				
	16-Jul-10		1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U			1.080	U				
	15-Oct-10		1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U			1.080	U				
	30-Nov-10		NS	U	1.080	U	1.080	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U			NS	U				
	26-Jan-11		1.850	U	1.840	U	1.850	U	1.850	U	1.850	U	1.840	U	1.840	U	1.840	U	1.850	U	#	U	#	U	1.840	U		
	26-Jan-11**		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U			NS	U				
	27-Apr-11		1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U			1.080	U				
	26-Jul-11		1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U	1.080	U			1.080	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	0.370	U			0.370	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			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	0.370	U			0.370	U				
	Jul-12 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	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			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			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			0.250	U				
	29-Apr-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			0.250	U				
	9-Jul-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			0.250	U				
	9-Jul-13 RIDEM		NS	U	NS	U	NS	U	NS	U	0.164	U	NS	U	NS	U	NS	U	NS	U			0.164	U	0.25	U	0.25	U
	18-Oct-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			0.250	U				
	9-Jan-14		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			0.250	U				
	24-Apr-14		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 <sup>M</sup>	U			0.250	U				
	1-Aug-14		0.250	U	0.250	U	0.250	U	0.370	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U			0.250	U				
Sept-14 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.250 <sup>L-V</sup>	U	NS	U			NS	U					
22-Oct-14		0.370 <sup>L</sup>	U	0.370 <sup>L</sup>	U	0.370 <sup>L</sup>	U	0.370 <sup>L</sup>	U	0.370 <sup>L</sup>	U	0.370 <sup>L</sup>	U	0.370 <sup>L</sup>	U	0.370 <sup>L</sup>	U	0.370 <sup>L</sup>	U			0.370 <sup>L</sup>	U					
20-Jan-15		0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U	0.370 <sup>L</sup>	U	0.250	U			0.370	U					
Mar-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.290	U			NS	U					
22-Apr-15		0.250 <sup>L</sup>	U	0.250 <sup>L</sup>	U	0.250 <sup>L</sup>	U	0.250 <sup>L</sup>	U	0.250 <sup>L</sup>	U	0.250 <sup>L</sup>	U	0.250 <sup>L</sup>	U	0.250 <sup>L</sup>	U	0.250 <sup>L</sup>	U			0.250 <sup>L</sup>	U					
21-Jul-15		0.100	U	0.100 <sup>A</sup>	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					
Sept-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U			NS	U					
29-Oct-15		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					
Dec-15 resamp		NS	U	0.100	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U			NS	U					
27-Jan-16		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U					
20-Apr-16 <sup>1</sup>		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U					
20-Jul-16		0.30	U	0.39	U	0.27	U	0.31	U	0.30	U	0.29	U	0.33	U	0.28	U	0.28	U			0.37	U					
21-Oct-16		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U					

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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)	AOA-2	AOA-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual	Qual	Qual	Qual	Qual	Qual	
Benzene	8-Feb-08	3.3	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		1.210		2.130		1.730		1.680						1.680		
	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	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	U					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			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			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			1.600	U	
	25-Feb-09		1.600	U	1.600	U	1.600	U	NS		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		0.332		0.303		0.358		1.460		1.335				0.351		
	22-Jul-09		0.626		0.546		0.642		0.574		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	U	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		#	#			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		U				0.319	U	
	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		
	Jul-12 resamp		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 RIDEEM		NS		NS		NS		NS		NS		NS		NS		NS						0.597	0.56	0.81
	18-Oct-13		0.240		1.000		0.880		0.660		1.100		0.830		0.800		1.000						1.000		
	9-Jan-14		1.400		1.700		0.910		0.860		0.730		0.810		0.960		0.820						0.750		
	24-Apr-14		0.300		0.240		0.300		0.230		0.240		0.210		0.240		0.300						0.210		
	1-Aug-14		0.570		0.360		0.350		0.820		0.740		0.600		0.790		0.550						0.590		
Sept-14 resamp	NS		NS		NS		NS		NS		NS		0.410		NS						NS				
22-Oct-14	0.560		0.340		0.270		0.350	U	0.550		0.250		0.450		0.610						0.420				
20-Jan-15	0.450		0.440		0.440		0.430		0.500		0.500		0.580		0.480						0.510				
Mar-15 resamp	NS		NS		NS		NS		NS		NS		NS		NS						NS				
22-Apr-15	0.950		1.200		0.920		0.950		1.100		0.750		0.930		0.830						0.880				
21-Jul-15	0.580		0.500 <sup>A</sup>		0.510		0.470		0.530		0.570		0.480		0.480						0.350				
Sept-15 resamp	NS		NS		NS		NS		NS		NS		0.360		NS						NS				
29-Oct-15	0.130 <sup>J</sup>		0.250		0.580		0.180 <sup>J</sup>		0.140 <sup>J</sup>		0.160 <sup>J</sup>		0.220		0.160						0.110 <sup>J</sup>				
Dec-15 resamp	NS		0.220		NS		NS		NS		NS		NS		NS						NS				
27-Jan-16	0.87		0.8		1		0.76		0.72		0.8		0.88		0.86						0.72				
20-Apr-16 <sup>1</sup>	0.59		0.33		0.34		0.4		0.39		0.38		0.33		0.33						0.4				
20-Jul-16	0.23		0.25		0.22		0.16		0.34		0.28		0.11		0.19						0.18				
21-Oct-16	0.82		0.92		0.30		0.93		0.45		0.5		0.29		0.55						3.3				

**Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds  
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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)	AOA-2	AOA-3						
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual					
Bromodichloromethane	8-Feb-08	0.034/0.13	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	U	U	U	0.130	U					
	27-Mar-08		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	U	U	U	0.134	U			
	25-Apr-08		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	U	U	U	0.134	U			
	29-May-08		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	0.130	U	U	U	U	0.130	U			
	27-Jun-08		0.134	U	0.134	U	0.130	U	0.130	U	0.130	U	0.134	U	0.130	U	0.231	U	0.134	U	0.134	U	U	U	U	0.134	U			
	31-Jul-08		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	U	U	U	0.134	U			
	28-Aug-08		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	U	U	U	0.134	U			
	30-Sep-08		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	0.130	U	U	U	U	0.130	U			
	27-Oct-08		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	0.130	U	U	U	U	0.130	U			
	25-Nov-08		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	0.130	U	U	U	U	0.130	U			
	18-Dec-08		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	0.130	U	U	U	U	0.130	U			
	21-Jan-09		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	0.130	U	U	U	U	0.130	U			
	25-Feb-09		0.130	U	0.130	U	0.130	U	0.130	U	NS	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	U	U	U	0.130	U			
	26-Mar-09		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	U	U	U	0.134	U			
	29-Apr-09		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	U	U	U	0.134	U			
	22-Jul-09		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	U	U	U	0.134	U			
	9-Oct-09		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	U	U	U	0.134	U			
	15-Jan-10		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	U	U	U	0.134	U			
	21-Apr-10		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	U	U	U	0.134	U			
	16-Jul-10		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	U	U	U	0.134	U			
	15-Oct-10		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	U	U	U	0.134	U			
	30-Nov-10		NS	U	0.134	U	0.134	U	0.134	U	NS	U	NS	U	NS	U	0.134	U	NS	U	NS	U	U	U	U	NS	U			
	26-Jan-11		0.228	U	0.228	U	0.228	U	0.228	U	0.228	U	0.228	U	0.227	U	0.228	U	0.228	U	0.228	U	#	#	U	0.228	U			
	26-Jan-11**		NS	U	0.340	U	0.340	U	0.340	U	NS	U	NS	U	NS	U	0.340	U	NS	U	NS	U	U	U	U	NS	U			
	27-Apr-11		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	U	U	U	0.134	U			
	26-Jul-11		0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	0.134	U	U	U	U	0.134	U			
	28-Oct-11		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	U	U	U	0.067	U			
	23-Jan-12		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	0.240	U	U	U	U	0.240	U			
	13-Apr-12		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	U	U	U	0.100	U			
	Jul-12 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.100	U	U	U	U	0.100	U			
	20-Jun-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	0.130	U	U	U	U	0.130	U			
	1-Nov-12		0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	U	U	U	0.067	U			
	1-Feb-13		0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	U	U	U	0.067	U			
	29-Apr-13		0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	U	U	U	0.067	U			
	9-Jul-13		0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	U	U	U	0.067	U			
	18-Oct-13		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	0.130	U	U	U	U	0.130	U			
	9-Jan-14		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	0.130	U	U	U	U	0.130	U			
	24-Apr-14		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	0.130	U	U	U	U	0.130	U			
	1-Aug-14		0.130	U	0.130	U	0.130	U	0.130	U	0.200	U	0.130	U	0.130	U	0.130	U	0.130	U	0.130	U	U	U	U	0.130	U			
	Sept-14 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.067	U	NS	U	NS	U	U	U	U	NS	U			
22-Oct-14	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	U	U	U	0.100	U					
20-Jan-15	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	U	U	U	0.067	U					
Mar-15 resamp	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.077	U	NS	U	U	U	U	NS	U					
22-Apr-15	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	U	U	U	0.067	U					
21-Jul-15	0.300	U	0.300 <sup>A</sup>	U	0.200	U	0.300	U	0.400	U	0.300	U	0.400	U	0.400	U	0.300	U	0.300	U	U	U	U	0.400	U					
Sept-15 resamp	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	U	U	U	NS	U					
29-Oct-15	0.400	U	0.300	U	0.300	U	0.400	U	0.400	U	0.400	U	0.400	U	0.300	U	0.300	U	0.300	U	U	U	U	0.400	U					
Dec-15 resamp	NS	U	0.300	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	U	U	U	NS	U					
27-Jan-16	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	U	U	U	0.067	U					
20-Apr-16 <sup>3</sup>	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	U	U	U	0.067	U					
20-Jul-16	0.080	U	0.100	U	0.073	U	0.082	U	0.080	U	0.078	U	0.088	U	0.075	U	0.075	U	0.075	U	U	U	U	0.10	U					
21-Oct-16	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	0.067	U	U	U	U	0.067	U					

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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)	AOA-2	AOA-3		
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual	Qual	Qual	Qual	Qual	Qual		
Bromoform	8-Feb-08		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			
	27-Mar-08		0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U		0.206	U			
	25-Apr-08		0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.210	U		0.206	U			
	29-May-08		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			
	27-Jun-08		0.206	U	0.210	U	0.206	U	0.206	U	0.210	U	0.210	U	1.300	U	0.210	U	0.210	U		0.206	U			
	31-Jul-08		0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U		0.206	U			
	28-Aug-08		0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U		0.206	U			
	30-Sep-08		0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U		0.410	U			
	27-Oct-08		0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U		0.410	U			
	25-Nov-08		0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U		0.410	U			
	18-Dec-08		0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U		0.410	U			
	21-Jan-09		0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U		0.410	U			
	25-Feb-09		0.410	U	0.410	U	0.410	U	NS	U	0.410	U	0.410	U	0.410	U	0.410	U	0.410	U		0.410	U			
	26-Mar-09		0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U		0.206	U			
	29-Apr-09		0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U		0.206	U			
	22-Jul-09		0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U		0.206	U			
	9-Oct-09		0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U		0.206	U			
	15-Jan-10		0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U		0.206	U			
	21-Apr-10		0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U		0.206	U			
	16-Jul-10		0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U		0.206	U			
	15-Oct-10		0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U		0.206	U			
	30-Nov-10		NS	U	0.206	U	0.206	U	NS	U	NS	U	NS	U	0.206	U	NS	U	NS	U		NS	U			
	26-Jan-11		0.353	U	0.351	U	0.352	U	0.352	U	0.353	U	0.351	U	0.351	U	0.353	U	0.353	U	#	U	#	U	0.351	U
	26-Jan-11**		NS	U	0.540	U	0.520	U	NS	U	NS	U	NS	U	0.520	U	NS	U	NS	U		NS	U			
	27-Apr-11		0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U	0.206	U		0.206	U			
	26-Jul-11		0.207	U	0.207	U	0.207	U	0.207	U	0.207	U	0.207	U	0.207	U	0.207	U	0.207	U		0.207	U			
	28-Oct-11		0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U		0.310	U			
	23-Jan-12		0.360	U	0.360	U	0.360	U	0.360	U	0.360	U	0.360	U	0.360	U	0.360	U	0.360	U		0.360	U			
	13-Apr-12		0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U		0.310	U			
	Jul-12 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.310	U		0.310	U			
	20-Jun-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			
	1-Nov-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			
	1-Feb-13		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			
	29-Apr-13		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			
	9-Jul-13		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			
	18-Oct-13		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			
	9-Jan-14		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			
	24-Apr-14		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			
	1-Aug-14		0.210	U	0.210	U	0.210	U	0.310	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U		0.210	U			
	Sept-14 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.210	U	NS	U		NS	U			
22-Oct-14		0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U	0.310	U		0.310	U				
20-Jan-15		0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.210	U	0.310	U	0.210	U		0.310	U				
Mar-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.240	U	NS	U		NS	U				
22-Apr-15		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				
21-Jul-15		0.500	U	0.500 <sup>A</sup>	U	0.500	U	0.500	U	0.600	U	0.500	U	0.700	U	0.500	U	0.600	U		0.600	U				
Sept-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.600	U	NS	U	NS	U		NS	U				
29-Oct-15		0.600	U	0.500	U	0.500	U	0.600	U	0.600	U	0.600	U	0.500	U	0.500	U	0.500	U		0.600	U				
Dec-15 resamp		NS	U	0.500	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U		NS	U				
27-Jan-16		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U				
20-Apr-16 <sup>3</sup>		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U				
20-Jul-16		0.25	U	0.32	U	0.22	U	0.25	U	0.25	U	0.24	U	0.27	U	0.23	U	0.23	U		0.31	U				
21-Oct-16		0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U		0.21	U				

**Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds  
February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 206m 23			Ambient Outdoor (AOA-1)		AOA-2		AOA-3		
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
2-Butanone	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	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		1.470		1.470					
	25-Apr-08		2.140		1.470		3.170		1.470		1.470		1.470		1.470		1.470		1.470		1.470		1.470					
	29-May-08		1.470	U	1.470	U	2.840		2.240		1.470	U	1.470	U	1.470	U	1.470	U	1.470	U	1.470	U	1.470	U				
	27-Jun-08		7.850		2.520		3.810		3.890		3.050		2.420		2.840		2.340		3.080		1.470		1.470					
	31-Jul-08		2.080		1.720		3.080		1.650		2.080		2.160		1.470	U	1.490		1.470	U	1.470	U	1.470	U				
	30-Sep-08		2.280		1.790		3.980		3.980		1.470	U	1.470	U	1.470	U	1.470	U	1.470	U	1.470	U	1.470	U				
	30-Sep-08		1.500	U	1.500	U	1.500	U	1.500	U	2.200	U	1.500	U	1.500	U	6.100	U	1.500	U	1.500	U	1.500	U				
	27-Oct-08		1.900		3.200		1.500	U	3.600	U	1.500	U	2.000		1.500		2.300		2.800		1.470		1.470					
	25-Nov-08		2.600		1.500		1.500	U	1.900	U	1.500	U	1.500	U	2.900		1.500	U	1.600	U	1.470	U	1.470	U				
	18-Dec-08		1.500	U	1.500	U	1.500	U	1.500	U	1.500	U	1.500	U	1.500	U	1.500	U	1.500	U	1.500	U	1.500	U				
	21-Jan-09		1.500	U	1.500	U	1.500	U	1.500	U	1.500	U	1.500	U	1.500	U	1.500	U	1.500	U	1.500	U	1.500	U				
	25-Feb-09		1.500	U	1.500	U	0.079	U	NS	U	1.500	U	1.500	U	1.500	U	1.500	U	1.500	U	1.500	U	1.500	U				
	26-Mar-09		2.410		1.560		1.470	U	1.470	U	1.470	U	1.590	U	1.470	U	1.470	U	1.470	U	1.470	U	1.470	U				
	29-Apr-09		1.470	U	1.470	U	1.470	U	1.460	U	1.470	U	1.470	U	1.740	U	1.470	U	1.470	U	1.470	U	1.470	U				
	22-Jul-09		1.470	U	1.470	U	4.750		1.470	U	2.070	U	21.900		1.740		1.480		4.360		1.470		1.470					
	9-Oct-09		1.470	U	1.470	U	1.540		1.640		1.470	U	1.470	U	1.470	U	1.470	U	1.470	U	1.470	U	1.470	U				
	15-Jan-10		6.610		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	1.470	U				
	21-Apr-10		1.850		1.470	U	2.770		1.590		1.480	U	1.470	U	1.470	U	1.470	U	1.470	U	1.470	U	1.470	U				
	16-Jul-10		2.520		1.900		2.100		2.210		3.180		2.800		24.600		1.870		1.630		1.470		1.470					
	15-Oct-10		4.300		1.470	U	1.470	U	1.470	U	1.470	U	1.470	U	1.470	U	1.470	U	0.021		1.470	U	1.470	U				
	30-Nov-10		NS		1.470	U	1.470	U	NS	U	NS	U	NS	U	1.470	U	NS	U	NS	U	NS	U	NS	U				
	26-Jan-11		2.720		3.190		2.510	U	2.510	U	2.520	U	2.500	U	2.640	U	2.710	U	2.500	U	2.500	U	2.500	U				
	26-Jan-11**		NS		2.300		2.100		NS		NS		NS		1.600		NS		NS		NS		NS					
	27-Apr-11		1.470	U	1.470	U	2.220		1.470	U	1.470	U	1.470	U	1.470	U	1.470	U	1.470	U	1.470	U	1.470	U				
	26-Jul-11		1.600		1.470	U	2.320		1.520		1.470	U	1.470	U	1.470	U	3.010		1.470	U	1.470	U	1.470	U				
	28-Oct-11		3.500	U	3.500	U	3.500	U	3.500	U	3.500	U	3.500	U	3.500	U	3.500	U	3.500	U	3.500	U	3.500	U				
	23-Jan-12		4.100	U	4.100	U	4.100	U	4.100	U	4.100	U	4.100	U	4.100	U	4.100	U	4.100	U	4.100	U	4.100	U				
	13-Apr-12		3.500	U	3.500	U	3.500	U	3.500	U	3.500	U	3.600	U	3.500	U	3.500	U	4.700	U	3.500	U	3.500	U				
	Jul-12 resamp		NS		NS		NS		NS		NS		NS		NS		3.500		3.500		3.500		3.500					
	20-Jun-12		2.600		2.400	U	3.300		2.700		2.800		2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U				
	1-Nov-12		2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U				
	1-Feb-13		2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U				
	29-Apr-13		5.100		3.500		3.500		3.800		4.800		3.600		4.100		3.300		4.500		3.500		3.500					
	9-Jul-13		2.800		3.000		2.800		2.400	U	3.600	U	2.400	U	5.400	U	2.900		3.200		1.470		1.470					
	9-Jul-13 RIDEM		NS		NS		NS		NS		2.525		NS		NS		NS		1.886		NS		NS		4.1		3.8	1.95
	18-Oct-13		4.800		4.700		3.500		5.800		2.800		2.800		6.900		3.100		3.200		1.470		1.470					
	9-Jan-14		2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	3.200		2.400	U	2.400	U	2.400	U				
	24-Apr-14		2.400	U	2.400	U	2.500		2.400	U	4.500		2.400	U	2.400	U	2.400	U	2.400	U	2.400	U	2.400	U				
	1-Aug-14		2.600		2.600		3.100		3.600		5.900		2.600		3.700		2.400		5.100		2.400		2.400					
Sept-14 resamp		NS		NS		NS		NS		NS		NS		2.600		NS		NS		NS		NS						
22-Oct-14		3.500	U	3.500	U	4.300		3.500	U	3.600		3.500	U	3.500	U	3.500	U	3.500	U	3.500	U	3.500	U					
20-Jan-15		5.500		2.400	U	2.700		3.600		5.700		2.400		3.900		2.400		3.600		2.700		2.700						
Mar-15 resamp		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS						
22-Apr-15		2.600		4.500		6.600 <sup>L</sup>		2.400	U	3.900		3.200		4.600		4.800		10.000		2.700		2.700						
21-Jul-15		3.800		1.500 <sup>A</sup>		2.800		2.200		2.000		1.500		1.700		2.100		1.200		1.470		1.470						
Sept-15 resamp		NS		NS		NS		NS		NS		NS		0.610		NS		NS		NS		NS						
29-Oct-15		0.430		1.800		0.670		1.200		0.550		1.100		1.400		0.550		0.710		1.470		1.470						
Dec-15 resamp		NS		0.460		NS		NS		NS		NS		NS		NS		NS		NS		NS						
27-Jan-16		3.3		2.4	U	4.3		2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U					
20-Apr-16 <sup>3</sup>		2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U					
20-Jul-16		2.8	U	3.7	U	2.7		2.9	U	3.8		2.8		3.1		2.7		3.5		2.4		2.4						
21-Oct-16		2.4	U	2.7	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U					

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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 203			Ambient Outdoor (AOA-1)		AOA-2		AOA-3		
			Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value
n-Butylbenzene	8-Feb-08	73.0	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				
	27-Mar-08		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				
	25-Apr-08		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				
	29-May-08		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				
	27-Jun-08		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				
	31-Jul-08		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				
	28-Aug-08		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				
	30-Sep-08		5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	23.300	U	5.500	U	5.500	U	73.000	U	5.500	U	5.500	U				
	27-Oct-08		5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U				
	25-Nov-08		5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U				
	18-Dec-08		5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U				
	21-Jan-09		5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U				
	25-Feb-09		5.500	U	5.500	U	6.300	U	NS	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U				
	26-Mar-09		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				
	29-Apr-09		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				
	22-Jul-09		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				
	9-Oct-09		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				
	15-Jan-10		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				
	21-Apr-10		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				
	16-Jul-10		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				
	15-Oct-10		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				
	30-Nov-10		NS	U	2.740	U	2.740	U	NS	U	NS	U	NS	U	NS	U	2.740	U	NS	U	NS	U	NS	U				
	26-Jan-11		0.468	U	4.660	U	4.680	U	4.670	U	4.680	U	4.660	U	4.660	U	4.660	U	4.680	U	4.660	U	4.660	U				
	26-Jan-11**		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U				
	27-Apr-11		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				
	26-Jul-11		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				
	28-Oct-11		0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U				
	23-Jan-12		0.550	U	0.550	U	0.550	U	0.550	U	0.550	U	0.550	U	0.550	U	0.550	U	0.550	U	0.550	U	0.550	U				
	13-Apr-12		0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U				
	Jul-12 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.470	U	0.470	U	0.470	U				
	20-Jun-12		0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U				
	1-Nov-12		0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U				
	1-Feb-13		0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U				
	29-Apr-13		0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U				
	9-Jul-13		0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U				
	18-Oct-13		0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.410	U	0.320	U	0.590	U	0.420	U	0.420	U	0.320	U				
	9-Jan-14		0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U				
	24-Apr-14		0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U				
	1-Aug-14		0.320 <sup>L</sup>	U	0.320 <sup>L</sup>	U	0.320 <sup>L</sup>	U	0.470 <sup>L</sup>	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U				
	Sept-14 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U				
22-Oct-14	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U	0.470	U						
20-Jan-15	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.470	U	0.320	U	0.320	U	0.470	U						
Mar-15 resamp	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.360	U	NS	U	NS	U						
22-Apr-15	0.320	U	0.320 <sup>A</sup>	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U	0.320	U						
27-Jan-16	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U						
20-Apr-16 <sup>3</sup>	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U						
20-Jul-16	0.38	U	0.49	U	0.34	U	0.39	U	0.38 <sup>W</sup>	U	0.37	U	0.42	U	0.36	U	0.36	U	0.47	U	0.47	U						
21-Oct-16	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U						

**Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds  
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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)	AOA-2	AOA-3				
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual			
sec-Butylbenzene	8-Feb-08	73.0	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				2.740	U					
	27-Mar-08		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				2.740	U			
	25-Apr-08		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				2.740	U			
	29-May-08		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				2.740	U			
	27-Jun-08		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				2.740	U			
	31-Jul-08		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				2.740	U			
	28-Aug-08		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				2.740	U			
	30-Sep-08		5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	56.600	U				5.500	U			
	27-Oct-08		5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U				5.500	U			
	25-Nov-08		5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U				5.500	U			
	18-Dec-08		5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U				5.500	U			
	21-Jan-09		5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U				5.500	U			
	25-Feb-09		5.500	U	5.500	U	5.500	U	NS	U	5.500	U	5.500	U	5.500	U	5.500	U	5.500	U				5.500	U			
	26-Mar-09		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				2.740	U			
	29-Apr-09		2.740	U	2.740	U	2.460	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				2.740	U			
	22-Jul-09		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				2.740	U			
	9-Oct-09		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				2.740	U			
	15-Jan-10		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				2.740	U			
	21-Apr-10		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				2.740	U			
	16-Jul-10		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				2.740	U			
	15-Oct-10		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				2.740	U			
	30-Nov-10		NS		2.740	U	2.74	U	NS	U	NS	U	NS	U	NS	U	2.740	U	NS	U				NS	U			
	26-Jan-11		0.468	U	4.660	U	4.680	U	4.670	U	4.680	U	4.660	U	4.660	U	4.660	U	4.680	U	#	U	#	U	4.660	U		
	26-Jan-11**		NS						NS	U	NS	U	NS	U	NS	U	NS	U	NS	U				NS	U			
	27-Apr-11		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				2.740	U			
	26-Jul-11		2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				2.740	U			
	28-Oct-11		0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	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				0.440	U			
	13-Apr-12		0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U				0.500	U			
	Jul-12 resamp		NS		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.380	U				0.380	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				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				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				0.250	U			
	29-Apr-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				0.250	U			
	9-Jul-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				0.250	U			
	18-Oct-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				0.250	U			
	9-Jan-14		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				0.250	U			
	24-Apr-14		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				0.250	U			
	1-Aug-14		0.250	U	0.250	U	0.250	U	0.380	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U				0.250	U			
	Sept-14 resamp		NS		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U				NS	U			
22-Oct-14	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U	0.380	U				0.380	U					
20-Jan-15	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				0.250	U					
Mar-15 resamp	NS		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.290	U				NS	U					
22-Apr-15	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				0.250	U					
27-Jan-16	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U					
20-Apr-16 ^	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U					
20-Jul-16	0.30	U	0.39	U	0.27	U	0.31	U	0.30	U	0.29	U	0.33	U	0.28	U	0.28	U				0.37	U					
21-Oct-16	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U					

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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)			AOA-2		AOA-3			
			Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value
Carbon tetrachloride	8-Feb-08		0.500		0.480		0.440		0.450		0.460		0.470		0.470		0.470		0.470											0.470
	27-Mar-08		0.540		0.541		0.547		0.537		0.580		0.577		0.552		0.586		0.586											0.565
	25-Apr-08		0.436		0.439		0.405		0.441		0.448		0.439		0.465		0.450		0.450											0.416
	29-May-08		0.470		0.470		0.450		0.450		0.480		0.490		0.520		0.460		0.460											0.460
	27-Jun-08		0.544		0.535		0.526		0.534		0.526		0.538		0.555		0.547		0.547											0.537
	31-Jul-08		0.526		0.532		0.528		0.554		0.554		0.542		0.564		0.551		0.551											0.557
	28-Aug-08		0.552		0.548		0.551		0.545		0.566		0.559		0.556		0.572		0.572											0.551
	30-Sep-08		0.489		0.446		0.404		0.497		0.461		0.250		0.491		0.531		0.531											0.547
	27-Oct-08		0.370		0.510		0.260		0.450		0.280		0.510		U		0.270		0.480											0.460
	25-Nov-08		0.400		0.400		0.400		0.440		0.420		0.350		0.370		0.370		0.470											0.470
	18-Dec-08		0.350		0.330		0.440		0.410		0.420		0.350		0.340		0.310		0.310											0.520
	21-Jan-09		0.490		0.460		0.570		0.460		0.500		0.490		0.570		0.540		0.540											0.620
	25-Feb-09		0.360		0.190		0.380		NS		4.000		0.400		0.410		0.400		0.400											0.440
	26-Mar-09		0.568		0.592		0.542		0.561		0.584		0.561		0.566		0.542		0.604											0.604
	29-Apr-09		0.534		0.522		0.597		0.534		0.528		0.622		0.578		0.559		0.559											0.515
	22-Jul-09		0.597		0.591		0.585		0.597		0.585		0.585		0.578		0.585		0.591											0.591
	9-Oct-09		0.503		0.566		0.471		0.497		0.471		0.497		0.478		0.484		0.478											0.478
	15-Jan-10		0.585		0.603		0.578		0.597		0.585		0.610		0.616		0.610		0.635											0.635
	21-Apr-10		0.490		0.547		0.484		0.559		0.484		0.126		U		0.459		0.484											0.484
	16-Jul-10		0.497		0.503		0.484		0.528		0.465		0.547		0.484		0.484		0.541											0.541
	15-Oct-10		0.459		0.427		0.509		0.434		0.440		0.408		0.446		0.453		0.503											0.503
	30-Nov-10		NS		0.478		0.559		NS		NS		NS		0.484		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
	26-Jan-11**		NS		0.540		0.500		NS		NS		NS		0.500		NS		NS											NS
	27-Apr-11		0.371		0.358		0.364		0.408		0.352		0.364		0.358		0.358		0.434											0.434
	26-Jul-11		0.409		0.442		0.409		0.428		0.402		0.421		0.402		0.421		0.459											0.459
	28-Oct-11		0.410		0.380		0.430		0.430		0.420		0.410		0.430		0.430		0.440											0.440
	23-Jan-12		0.490		0.490		0.480		0.480		0.470		0.460		0.490		0.460		0.480											0.480
	13-Apr-12		0.480		0.490		0.420		0.460		0.450		0.460		0.470		0.460		0.300											0.300
	Jul-12 resamp		NS		NS		NS		NS		NS		NS		NS		0.390		0.400											0.400
	20-Jun-12		0.560		0.610		0.520		0.530		0.590		0.500		0.550		0.570		0.490											0.490
	1-Nov-12		0.510		0.520		0.480		0.400		0.480		0.490		0.520		0.490		0.530											0.530
	1-Feb-13		0.520		0.510		0.520		0.510		0.550		0.510		0.520		0.510		0.540											0.540
	29-Apr-13		0.540		0.530		0.530		0.510		0.490		0.470		0.490		0.480		0.500											0.500
	9-Jul-13		0.430		0.440		0.430		0.370		0.440		0.450		0.440		0.430		0.440											0.440
	9-Jul-13 RIDEM		NS		NS		NS		NS		0.516		NS		NS		NS		0.500								0.47		0.48	0.502
	18-Oct-13		0.450		0.450		0.450		0.440		0.420		0.420		0.440		0.440		0.440											0.440
	9-Jan-14		0.400		0.430		0.450		0.450		0.430		0.450		0.430		0.480		0.480											0.480
	24-Apr-14		0.430		0.270		0.410		0.430		0.400		0.440		0.350		0.500		0.430											0.430
	1-Aug-14		0.570		0.700		0.510		0.460		0.410		0.410		0.440		0.430		0.420											0.420
Sept-14 resamp		NS		NS		NS		NS		NS		NS		0.470		NS		NS											NS	
22-Oct-14		0.430		0.410		0.430		0.370		0.460		0.460		0.420		0.440		0.410											0.410	
20-Jan-15		0.480		0.480		0.330		0.480		0.460		0.450		0.450		0.490		0.520											0.520	
Mar-15 resamp		NS		NS		NS		NS		NS		NS		NS		0.400		NS											NS	
22-Apr-15		0.320		0.350		0.320		0.330		0.340		0.330		0.360		0.290		0.320											0.320	
21-Jul-15		0.270 <sup>J</sup>		0.280 <sup>J,A</sup>		0.300 <sup>J</sup>		0.250 <sup>J</sup>		0.260 <sup>J</sup>		0.260 <sup>J</sup>		0.260 <sup>J</sup>		0.260 <sup>J</sup>		0.300 <sup>J</sup>											0.300 <sup>J</sup>	
Sept-15 resamp		NS		NS		NS		NS		NS		NS		0.290 <sup>J</sup>		NS		NS											NS	
29-Oct-15		0.310 <sup>J</sup>		0.300 <sup>J</sup>		0.320 <sup>J</sup>		0.310 <sup>J</sup>		0.290 <sup>J</sup>		0.300 <sup>J</sup>		0.310 <sup>J</sup>		0.310		0.330 <sup>J</sup>											0.330 <sup>J</sup>	
Dec-15 resamp		NS		0.28 <sup>J</sup>		NS		NS		NS		NS		NS		NS		NS											NS	
27-Jan-16		0.59		0.58		0.61		0.56		0.58		0.58		0.59		0.49		0.58											0.58	
20-Apr-16 <sup>3</sup>		0.95		0.65		0.71		0.65		0.64		0.67		0.65		0.66		0.58											0.58	
20-Jul-16		0.47		0.48		0.41		0.46		0.38		0.42		0.43		0.45		0.44											0.44	
21-Oct-16		0.49		0.49		0.54		0.43		0.48		0.47		0.46		0.46		0.47											0.47	

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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)	AOA-2	AOA-3		
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual		
	8-Feb-08		0.090	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	30-Nov-10		NS	U	0.092	U	0.092	U	NS	U	NS	U	NS	U	0.092	U	NS	U				NS	U			
	26-Jan-11		0.157	U	0.156	U	0.157	U	0.157	U	0.157	U	0.156	U	0.156	U	0.157	U	#	U	#	U	0.156	U		
	26-Jan-11**		NS	U	0.230	U	0.230	U	NS	U	NS	U	0.230	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			
	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			
	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			
	23-Jan-12	37.0	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			
	Jul-12 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.140	U				0.140	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			
	1-Nov-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			
	1-Feb-13		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-13		0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U				0.046	U			
	9-Jul-13		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-Jul-13 RIDEEM		NS	U	NS	U	NS	U	NS	U	0.009	J	NS	U	NS	U	NS	U				0.002	J	0.092	U	
	18-Oct-13		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-Jan-14		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			
	24-Apr-14		0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U				0.046	U			
	1-Aug-14		0.092	U	0.092	U	0.092	U	0.140	U	0.092	U	0.092	U	0.092	U	0.092	U				0.092	U			
	Sept-14 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.092	U	NS	U				NS	U			
	22-Oct-14		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			
	20-Jan-15		0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.092	U	0.140	U	0.092	U				0.140	U			
	Mar-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.110	U				NS	U			
	22-Apr-15		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-Jul-15		0.200	U	0.200 <sup>A</sup>	U	0.200	U	0.200	U	0.200	U	0.200	U	0.300	U	0.200	U				0.300	U			
	Sept-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.300	U	NS	U				NS	U			
	29-Oct-15		0.300	U	0.200	U	0.200	U	0.300	U	0.200	U	0.200	U	0.200	U	0.200	U				0.300	U			
	Dec-15 resamp		NS	U	0.200	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U				NS	U			
	27-Jan-16		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			
	20-Apr-16 <sup>1</sup>		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			
	20-Jul-16		0.11	U	0.14	U	0.10	U	0.11	U	0.11	U	0.11	U	0.12	U	0.10	U				0.14	U			
	21-Oct-16		0.092	U	0.092	U	0.09	U	0.092	U	0.092	U	0.092	U	0.092	U	0.09	U				0.092	U			

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			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual				
Chloroethane	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					
	27-Mar-08		0.062	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U			
	25-Apr-08		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	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			
	27-Jun-08		0.053	U	0.050	U	0.053	U	0.053	U	0.053	U	0.050	U	0.050	U	0.050	U	0.050	U					0.053	U			
	31-Jul-08		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U			
	28-Aug-08		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U			
	30-Sep-08		1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U					1.300	U			
	27-Oct-08		1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U					1.300	U			
	25-Nov-08		1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U					1.300	U			
	18-Dec-08		1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U					1.300	U			
	21-Jan-09		1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U	1.300	U					1.300	U			
	25-Feb-09		1.300	U	1.300	U	1.300	U	1.300	U	NS	U	1.300	U	1.300	U	1.300	U	1.300	U					1.300	U			
	26-Mar-09		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U			
	29-Apr-09		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U			
	22-Jul-09		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U			
	9-Oct-09		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U			
	15-Jan-10		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U			
	21-Apr-10		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U			
	16-Jul-10		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U			
	15-Oct-10		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U			
	30-Nov-10		NS	U	0.053	U	0.053	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U					NS	U			
	26-Jan-11		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			
	26-Jan-11**		NS	U	0.130	U	0.130	U	NS	U	NS	U	NS	U	NS	U	0.130	U	NS	U					NS	U			
	27-Apr-11		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U			
	26-Jul-11		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U			
	28-Oct-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			
	23-Jan-12		0.093	U	0.093	U	0.093	U	0.093	U	0.093	U	0.093	U	0.093	U	0.093	U	0.093	U					0.093	U			
	13-Apr-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					0.110	U			
	Jul-12 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.079	U					0.079	U			
	20-Jun-12		0.072	U	0.150	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U			
	1-Nov-12		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.061	U	0.053	U	0.053	U					0.053	U			
	1-Feb-13		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U			
	29-Apr-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			
	9-Jul-13		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.092	U	0.053	U	0.053	U	0.053	U					0.053	U			
	18-Oct-13		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U			
	9-Jan-14		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U			
	24-Apr-14		0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U	0.026	U					0.026	U			
	1-Aug-14		0.053	U	0.053	U	0.053	U	0.079	U	0.079	U	0.053	U	0.062	U	0.059	U	0.053	U					0.053	U			
	Sept-14 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U					NS	U			
22-Oct-14		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					0.095	U				
20-Jan-15		0.053 <sup>L</sup>	U	0.053 <sup>L</sup>	U	0.053 <sup>L</sup>	U	0.060 <sup>L</sup>	U	0.053 <sup>L</sup>	U	0.053 <sup>L</sup>	U	0.053 <sup>L</sup>	U	0.079 <sup>L</sup>	U	0.053 <sup>L</sup>	U					0.079 <sup>L</sup>	U				
Mar-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.061	U					NS	U				
22-Apr-15		0.053	U	0.053	U	0.110 <sup>V</sup>	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.061	U					0.053	U				
21-Jul-15		0.100	U	0.100 <sup>A</sup>	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.200	U	0.100	U					0.100	U				
Sept-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.200	U	NS	U					NS	U				
29-Oct-15		0.200	U	0.100	U	0.100	U	0.200	U	0.200	U	0.100	U	0.100	U	0.100	U	0.100	U					0.200	U				
Dec-15 resamp		NS	U	0.100	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U					NS	U				
27-Jan-16		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U				
20-Apr-16 <sup>3</sup>		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U				
20-Jul-16		0.063 <sup>VL</sup>	U	0.062 <sup>VL</sup>	U	0.057 <sup>VL</sup>	U	0.065 <sup>VL</sup>	U	0.065 <sup>VL</sup>	U	0.063 <sup>VL</sup>	U	0.062 <sup>VL</sup>	U	0.070 <sup>VL</sup>	U	0.059 <sup>VL</sup>	U					0.079 <sup>VL</sup>	U				
21-Oct-16		0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U	0.053	U					0.053	U				

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			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual	
Chloroform	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	U	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	U	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	U	0.109						0.108			
	29-Apr-09		0.190		0.122		0.098		0.102	U	0.102		0.098	U	0.146		0.098	U					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	U	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		0.102	U	0.098	U	0.098	U	0.107		0.098	U					0.098			
	30-Nov-10		NS		0.234		0.112		NS		NS		NS		0.098	U	NS						NS			
	26-Jan-11		0.350		0.340		0.166	U	0.241	U	0.166	U	0.182	U	0.166	U	0.166	U			# U #		0.166	U		
	26-Jan-11**		NS		0.380		0.240	U	NS		NS		NS		0.240	U	NS						NS			
	27-Apr-11		0.098	U	0.220		0.098	U	0.141	U	0.098	U	0.098	U	0.098	U	0.098	U					0.098	U		
	26-Jul-11		0.230		0.249		0.166		0.986		0.166		0.127		0.244		0.156						0.146			
	28-Oct-11		0.120		0.110		0.085		0.097		0.079		0.082		0.082		0.082						0.049	U		
	23-Jan-12		0.170	U	0.240		0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U					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		
	Jul-12 resamp		NS		NS		NS		NS		NS		NS		NS		0.100						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		0.100		0.072						0.072			
	1-Feb-13		0.390		0.240		0.088		0.120		0.088		0.092		0.088		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		0.260		0.240		0.170		0.300		0.310		0.200		0.200		0.200						0.200			
	9-Jul-13 RIDEEM		NS		NS		NS		NS		0.217		NS		NS		0.175						0.175		0.21	0.2
	18-Oct-13		0.098	U	0.300		0.098	U	0.130		0.098	U	0.110		0.110		0.120						0.098	U		
	9-Jan-14		0.120		0.140		0.098	U	0.120		0.098	U	0.120		0.120		0.140						0.140			
	24-Apr-14		0.670		0.160		0.310		0.120		0.098	U	0.120		0.049	U	0.120						0.049	U		
	1-Aug-14		3.400		5.100		1.400		1.200		0.450		0.330		0.870		0.410						6.000			
Sept-14 resamp		NS		NS		NS		NS		NS		NS		0.110		NS						NS				
22-Oct-14		0.073	U	0.073	U	0.073	U	0.190		0.073	U	0.150		0.073	U	0.073						0.160				
20-Jan-15		0.120		0.120		0.049	U	0.100		0.110		0.130		0.073	U	0.140						0.073	U			
Mar-15 resamp		NS		NS		NS		NS		NS		NS		NS		0.088						NS				
22-Apr-15		0.170		0.220		0.270 <sup>v</sup>		0.220		0.190		0.120		0.180		0.200						0.049	U			
21-Jul-15		0.250		0.200 <sup>z-A</sup>		0.170 <sup>j</sup>	U	0.260		0.210 <sup>j</sup>		0.270		11.000		0.170 <sup>j</sup>						0.160 <sup>j</sup>				
Sept-15 resamp		NS		NS		NS		NS		NS		NS		0.300	U	NS						NS				
29-Oct-15		0.300	U	0.370		0.300	U	0.300	U	0.300	U	0.220 <sup>j</sup>		0.590		0.200						0.300	U			
Dec-15 resamp		NS		0.520		NS		NS		NS		NS		NS		NS						NS				
27-Jan-16		0.16		0.13		0.11		0.11		0.10		0.16		0.12		0.11						0.19				
20-Apr-16 <sup>3</sup>		3.8		0.086		0.049	U	0.12		0.11		0.09		0.049	U	0.094						0.086				
20-Jul-16		0.96		0.63		0.07		0.25		0.20		0.31		0.20		0.20						0.079				
21-Oct-16		1.5		0.58		0.11		0.19		0.13		0.13		0.09		0.13						0.18				

**Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds  
February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)			AOA-2		AOA-3		
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual
Chloromethane	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				2.440	U				
	27-Mar-08		2.830		3.070		2.680		2.440	U	2.830	U	2.440	U	2.440	U	2.440	U	2.440	U				2.440	U				
	25-Apr-08		2.820		2.440	U	2.440	U	2.440	U	2.440	U	3.000	U	2.440	U	3.140	U	2.440	U				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				2.440	U				
	27-Jun-08		2.650		2.440	U	2.440	U	2.830	U	3.260	U	2.620	U	2.440	U	2.500	U	2.440	U				2.440	U				
	31-Jul-08		3.580		3.880		3.330		4.370		3.440		3.740		2.440	U	2.440	U	2.440	U				2.440	U				
	28-Aug-08		2.440		3.140		5.310		6.880		3.150		2.440	U	2.540	U	2.540	U	2.440	U				2.440	U				
	30-Sep-08		1.400		1.300		1.100		1.100		1.000	U	1.700	U	1.600	U	1.000	U	1.200	U				1.200	U				
	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				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				1.000	U				
	18-Dec-08		1.000	U	1.000	U	1.000	U	1.400	U	1.000	U	1.000	U	1.000	U	1.000	U	1.300	U				1.000	U				
	21-Jan-09		1.000	U	1.000	U	1.000	U	1.500	U	1.000	U	1.000	U	1.400	U	1.100	U	1.100	U				1.200	U				
	25-Feb-09		1.000	U	1.000	U	1.000	U	NS	U	1.000	U	1.000	U	1.000	U	1.100	U	1.000	U				1.000	U				
	26-Mar-09		2.490		2.680		2.550		2.920		2.910		2.440	U	2.440	U	2.440	U	2.440	U				2.440	U				
	29-Apr-09		2.710		2.910		3.600		3.730		3.130		2.660		3.390		2.960		2.440	U				2.440	U				
	22-Jul-09		2.670		2.520		2.660		2.540		2.440	U	2.780	U	3.390	U	3.320	U	2.440	U				2.440	U				
	9-Oct-09		3.450		2.740		2.440	U	2.440	U	2.440	U	2.440	U	2.440	U	2.440	U	2.440	U				2.440	U				
	15-Jan-10		3.850		3.690		2.820		3.180		3.240		3.630		3.120		3.750		2.600	U				2.600	U				
	21-Apr-10		2.550		2.440	U	2.440	U	2.440	U	2.440	U	2.400	U	2.520	U	2.440	U	2.460	U				2.460	U				
	16-Jul-10		1.510		1.660		1.050		1.090		1.680		1.110		1.300		1.100		1.510	U				1.510	U				
	15-Oct-10		1.080		1.080		1.030	U	1.050	U	1.030	U	1.030	U	1.030	U	1.030	U	1.030	U				1.030	U				
	30-Nov-10		NS		1.030	U	1.030	U	NS	U	NS	U	NS	U	1.030	U	NS	U	NS	U				NS	U				
	26-Jan-11		1.760	U	1.750	U	1.760	U	1.760	U	1.760	U	1.750	U	1.750	U	1.750	U	1.750	U	#	U	#	1.750	U				
	26-Jan-11**		NS		1.100		1.000		NS		NS		NS		1.000		NS		NS	U				NS	U				
	27-Apr-11		1.050		1.660		1.400		2.160		1.440		1.510		1.740		1.460		1.270	U				1.270	U				
	26-Jul-11		1.160		1.600		1.030	U	1.120	U	1.030	U	1.030	U	1.030	U	1.030	U	1.030	U				1.030	U				
	28-Oct-11		1.400		1.000		1.300		1.500		1.300		0.960		1.000		1.100		1.300	U				1.300	U				
	23-Jan-12		1.300		1.100		1.100		1.200		1.400		1.900		1.400		1.500		1.100	U				1.100	U				
	13-Apr-12		1.300		1.400		1.400		1.500		1.100		1.000		1.000		1.200		0.840	U				0.840	U				
	Jul-12 resamp		NS		NS		NS		NS		NS		NS		NS		1.500		1.100	U				1.100	U				
	20-Jun-12		1.700		0.041	U	0.041	U	0.041	U	0.041	U	0.041	U	1.500	U	0.041	U	1.300	U				1.300	U				
	1-Nov-12		1.100		1.100		0.910		1.200		1.000		1.200		1.100		1.100		0.990	U				0.990	U				
	1-Feb-13		1.200		1.300		1.200		1.200		1.200		1.400		1.300		1.100		1.100	U				1.100	U				
	29-Apr-13		1.300		1.300		1.300		1.200		1.800		1.100		1.300		1.300		1.100	U				1.100	U				
	9-Jul-13		1.100		1.100		0.900		1.100		2.200		1.000		0.980		1.100		1.000	U				1.000	U				
	9-Jul-13 RIDEEM		NS		NS		NS		NS		1.142		NS		NS		NS		1.164	U				1.164	U				
	18-Oct-13		0.880		1.100		1.200		1.100		1.200		1.200		1.300		1.300		1.100	U				1.100	U				
	9-Jan-14		0.900		0.950		1.000		1.100		1.000		1.100		1.100		1.200		1.100	U				1.100	U				
	24-Apr-14		1.100		1.300		1.100		1.100		1.100		1.400		1.400		1.600		0.940	U				0.940	U				
	1-Aug-14		0.083	U	0.083	U	0.083	U	0.120	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U				0.083	U				
Sept-14 resamp		NS		NS		NS		NS		NS		NS		1.100 <sup>L</sup>		NS		NS	U				NS	U					
22-Oct-14		0.780 <sup>L</sup>		0.810 <sup>L</sup>		1.100 <sup>L</sup>		0.880 <sup>L</sup>		1.000 <sup>L</sup>		1.300 <sup>L</sup>		1.300 <sup>L</sup>		1.200 <sup>L</sup>		0.890 <sup>L</sup>	U				0.890 <sup>L</sup>	U					
20-Jan-15		0.820 <sup>L</sup>		0.970 <sup>L</sup>		0.072 <sup>L</sup>		0.081 <sup>L</sup>		0.089 <sup>L</sup>		1.100 <sup>L</sup>		1.000 <sup>L</sup>		0.083 <sup>L</sup>		0.820 <sup>L</sup>	U				0.820 <sup>L</sup>	U					
Mar-15 resamp		NS		NS		NS		NS		NS		NS		NS		NS		NS	U				NS	U					
22-Apr-15		1.200		1.300		4.600 <sup>V</sup>		1.400		1.400		1.200		2.700		3.400		1.100	U				1.100	U					
21-Jul-15		1.200		1.200 <sup>A</sup>		1.200		1.200		1.500		1.500		0.970		1.200		0.770	U				0.770	U					
Sept-15 resamp		NS		NS		NS		NS		NS		NS		0.100	U	NS		NS	U				NS	U					
29-Oct-15		1.100		1.400		1.200		1.300		1.200		1.700		1.700		1.200		1.100	U				1.100	U					
Dec-15 resamp		NS		1.000		NS		NS		NS		NS		NS		NS		NS	U				NS	U					
27-Jan-16		1.2		1.2		1		1.2		1.3		2.4		1.5		1.6		1.3	U				1.3	U					
20-Apr-16 <sup>3</sup>		1.4		1.1		1.1		1.1		1.1		1.2		1.2		1.2		1.6	U				1.6	U					
20-Jul-16		0.94		0.99		0.71		0.93		1.2		1.3		1.4		1.2		0.78	U				0.78	U					
21-Oct-16		1.1		1		0.9		1.1		1.1		1.1		1		1.3		0.93	U				0.93	U					

**Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds  
February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)	AOA-2	AOA-3			
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual			
Dibromochloromethane	8-Feb-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				
	27-Mar-08		0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U		0.096	U				
	25-Apr-08		0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U		0.096	U				
	29-May-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				
	27-Jun-08		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.096	U	0.100	U	0.308	U	0.100	U		0.096	U				
	31-Jul-08		0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U		0.096	U				
	28-Aug-08		0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U		0.096	U				
	30-Sep-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		4.200	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		4.200	U				
	25-Nov-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		4.200	U				
	18-Dec-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		4.200	U				
	21-Jan-09		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		4.200	U				
	25-Feb-09		4.200	U	4.200	U	4.200	U	NS	U	4.200	U	4.200	U	4.200	U	4.200	U	4.200	U		4.200	U				
	26-Mar-09		0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U		0.096	U				
	29-Apr-09		0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U		0.096	U				
	22-Jul-09		0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U		0.096	U				
	9-Oct-09		0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U		0.096	U				
	15-Jan-10		0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U		0.096	U				
	21-Apr-10		0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U	0.096	U		0.096	U				
	16-Jul-10		0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U		0.170	U				
	15-Oct-10		0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U		0.170	U				
	30-Nov-10		NS	U	0.170	U	0.170	U	NS	U	NS	U	NS	U	NS	U	0.170	U	NS	U		NS	U				
	26-Jan-11		0.291	U	0.289	U	0.290	U	0.290	U	0.291	U	0.289	U	0.289	U	0.291	U	0.291	U	#	U	#	U	0.289	U	
	26-Jan-11**		NS	U	0.430	U	0.430	U	NS	U	NS	U	NS	U	NS	U	0.430	U	NS	U		NS	U				
	27-Apr-11		0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U		0.170	U				
	26-Jul-11		0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U		0.170	U				
	28-Oct-11		0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U		0.260	U				
	23-Jan-12		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				
	13-Apr-12		0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U	0.260	U		0.260	U				
	Jul-12 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.130	U		0.130	U				
	20-Jun-12		0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U		0.170	U				
	1-Nov-12		0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U		0.085	U				
	1-Feb-13		0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U		0.170	U				
	29-Apr-13		0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U		0.085	U				
	9-Jul-13		0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U		0.170	U	0.17	U	0.17	U
	18-Oct-13		0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U		0.170	U				
	9-Jan-14		0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U		0.170	U				
	24-Apr-14		0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.170	U		0.085	U				
	1-Aug-14		0.170	U	0.170	U	0.170	U	0.260	U	0.170	U	0.170	U	0.170	U	0.170	U	0.170	U		0.170	U				
	Sept-14 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U		NS	U				
22-Oct-14		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		0.130	U					
20-Jan-15		0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.130	U	0.085	U		0.130	U					
Mar-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.098	U		NS	U					
22-Apr-15		0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U		0.085	U					
21-Jul-15		0.400	U	0.400 <sup>A</sup>	U	0.400	U	0.400	U	0.500	U	0.400	U	0.500	U	0.500	U	0.400	U		0.500	U					
Sept-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U		NS	U					
29-Oct-15		0.500	U	0.400	U	0.400	U	0.500	U	0.500	U	0.500	U	0.400	U	0.400	U	0.400	U		0.500	U					
Dec-15 resamp		NS	U	0.400	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U		NS	U					
27-Jan-16		0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U		0.085	U					
20-Apr-16 <sup>3</sup>		0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U		0.085	U					
20-Jul-16		0.10	U	0.13	U	0.092	U	0.10	U	0.10	U	0.10	U	0.11	U	0.096	U	0.096	U		0.13	U					
21-Oct-16		0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U		0.085	U					

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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)	AOA-2	AOA-3					
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual					
1,2-Dibromoethane (EDB)	8-Feb-08	0.0028/0.15	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	U	U	U	0.150	U				
	27-Mar-08		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	U	U	U	0.154	U				
	25-Apr-08		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	U	U	U	0.154	U				
	29-May-08		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	U	U	U	0.150	U				
	27-Jun-08		0.150	U	0.150	U	0.154	U	0.154	U	0.154	U	0.150	U	0.150	U	0.629	U	0.154	U	U	U	U	0.150	U				
	31-Jul-08		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	U	U	U	0.154	U				
	28-Aug-08		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	U	U	U	0.154	U				
	27-Oct-08		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	U	U	U	0.150	U				
	27-Oct-08		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	U	U	U	0.150	U				
	25-Nov-08		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	U	U	U	0.150	U				
	18-Dec-08		0.150	U	0.150	U	0.280	U	0.150	U	0.150	U	0.150	U	0.150	U	0.150	U	0.150	U	U	U	U	0.150	U				
	21-Jan-09		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	U	U	U	0.150	U				
	25-Feb-09		0.150	U	0.150	U	0.150	U	NS	U	NS	U	0.150	U	0.150	U	0.150	U	0.150	U	U	U	U	0.150	U				
	26-Mar-09		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	U	U	U	0.154	U				
	29-Apr-09		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	U	U	U	0.154	U				
	22-Jul-09		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	U	U	U	0.154	U				
	9-Oct-09		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	U	U	U	0.154	U				
	15-Jan-10		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	U	U	U	0.154	U				
	21-Apr-10		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	U	U	U	0.154	U				
	16-Jul-10		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	U	U	U	0.154	U				
	15-Oct-10		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	U	U	U	0.154	U				
	30-Nov-10		NS		0.154	U	0.154	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	U	U	U	NS	U				
	26-Jan-11		0.262	U	0.261	U	0.262	U	0.261	U	0.261	U	0.262	U	0.261	U	0.261	U	0.262	U	#	U	#	U	0.261	U			
	26-Jan-11**		NS		0.380	U	0.380	U	NS	U	NS	U	NS	U	NS	U	0.380	U	NS	U	U	U	U	NS	U				
	27-Apr-11		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	U	U	U	0.154	U				
	26-Jul-11		0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	0.154	U	U	U	U	0.154	U				
	28-Oct-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	U	U	U	0.120	U				
	23-Jan-12		0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	0.270	U	U	U	U	0.270	U				
	13-Apr-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	U	U	U	0.120	U				
	Jul-12 resamp		NS		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.120	U	U	U	U	0.120	U				
	20-Jun-12		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	U	U	U	0.150	U				
	1-Nov-12		0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	U	U	U	0.077	U				
	1-Feb-13		0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	U	U	U	0.077	U				
	29-Apr-13		0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	U	U	U	0.077	U				
	9-Jul-13		0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	U	U	U	0.077	U				
	18-Oct-13		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	U	U	U	0.150	U				
	9-Jan-14		0.150	U	0.150	U	0.150	U	0.150	U	0.150	U	0.150	U	0.150	U	0.170	U	0.150	U	U	U	U	0.150	U				
	24-Apr-14		0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.150	U	0.077	U	0.077	U	0.150	U	U	U	U	0.077	U				
	1-Aug-14		0.150	U	0.150	U	0.150	U	0.230	U	0.150	U	0.150	U	0.150	U	0.150	U	0.150	U	U	U	U	0.150	U				
	Sept-14 resamp		NS		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.077	U	NS	U	U	U	U	NS	U				
22-Oct-14	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	U	U	U	0.120	U						
20-Jan-15	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.120	U	0.077	U	U	U	U	0.077	U						
Mar-15 resamp	NS		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.088	U	U	U	U	NS	U						
22-Apr-15	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	U	U	U	0.077	U						
21-Jul-15	0.400	U	0.400 <sup>^</sup>	U	0.400	U	0.400	U	0.400	U	0.400	U	0.400	U	0.500	U	0.400	U	U	U	U	0.400	U						
Sept-15 resamp	NS		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.400	U	NS	U	U	U	U	NS	U						
29-Oct-15	0.400	U	0.400	U	0.400	U	0.400	U	0.400	U	0.400	U	0.400	U	0.400	U	0.400	U	U	U	U	0.500	U						
Dec-15 resamp	NS		0.400	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	U	U	U	NS	U						
27-Jan-16	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	U	U	U	0.077	U						
20-Apr-16 <sup>3</sup>	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	U	U	U	0.077	U						
20-Jul-16	0.092	U	0.12	U	0.083	U	0.094	U	0.092	U	0.09	U	0.10	U	0.086	U	0.086	U	U	U	U	0.11	U						
21-Oct-16	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	0.077	U	U	U	U	0.077	U						

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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)		AOA-2		AOA-3				
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual		
1,2-Dichlorobenzene	8-Feb-08	73.0	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						
	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						
	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						
	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						
	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						
	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						
	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						
	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						
	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						
	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						
	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						
	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						
	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						
	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						
	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						
	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						
	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						
	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						
	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						
	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						
	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						
	26-Jan-11		0.205	U	0.204	U	0.205	U	0.205	U	0.205	U	0.204	U	0.204	U	0.204	U	0.205	U	#	U	#	U	0.204	U				
	26-Jan-11**		NS	U	0.300	U	0.300	U	NS	U	NS	U	NS	U	NS	U	0.300	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						
	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						
	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						
	23-Jan-12		0.220	U	0.210	U	0.400	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						
	Jul-12 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.180	U			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						
	1-Nov-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						
	1-Feb-13		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-13		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-Jul-13		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			0.12	U	0.12	U
	18-Oct-13		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-Jan-14		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						
	24-Apr-14		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-Aug-14		0.120	U	0.120	U	0.120	U	0.180	U	0.180	U	0.120	U	0.120	U	0.120	U	0.120	U			0.120	U						
	Sept-14 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U			NS	U						
22-Oct-14	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								
20-Jan-15	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.180	U	0.120	U			0.120	U								
Mar-15 resamp	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.140	U			NS	U								
22-Apr-15	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-Jul-15	0.300	U	0.300 <sup>A</sup>	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U	0.400	U	0.300	U			0.300	U								
Sept-15 resamp	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	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	0.440	U			0.400	U								
Dec-15 resamp	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U			NS	U								
27-Jan-16	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U			0.12	U								
20-Apr-16 <sup>3</sup>	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U			0.12	U								
20-Jul-16	0.14	U	0.19	U	0.13	U	0.15	U	0.14	U	0.14	U	0.14	U	0.16	U	0.14	U			0.14	U								
21-Oct-16	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U			0.12	U								

**Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds  
February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 166m 23			Ambient Outdoor (AOA-1)		AOA-2		AOA-3			
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
1,3-Dichlorobenzene	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					
	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					
	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					
	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					
	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					
	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					
	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					
	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					
	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					
	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					
	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					
	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					
	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					
	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					
	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					
	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					
	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					
	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					
	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					
	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					
	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					
	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					
	26-Jan-11		0.205	U	0.204	U	0.205	U	0.205	U	0.205	U	0.204	U	0.204	U	0.204	U	0.205	U	#	U	#	U	0.204	U			
	26-Jan-11**		NS	U	0.300	U	0.300	U	NS	U	NS	U	NS	U	NS	U	0.300	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					
	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					
	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					
	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					
	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					
	Jul-12 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.180	U			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					
	1-Nov-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					
	1-Feb-13		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-13		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-Jul-13		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					
	18-Oct-13		0.130	U	0.120	U	0.120	U	0.120	U	0.120	U	0.150	U	0.120	U	0.270	U	0.120	U			2.400	U					
	9-Jan-14		0.140	U	0.310	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					
	24-Apr-14		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-Aug-14		0.120	U	0.120	U	0.120	U	0.180	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U			0.120	U					
	Sept-14 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U			NS	U					
22-Oct-14		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						
20-Jan-15		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.180	U	0.120	U			0.180	U						
Mar-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.140	U			NS	U						
22-Apr-15		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-Jul-15		0.300	U	0.300 <sup>A</sup>	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U	0.400	U	0.300	U			0.300	U						
Sept-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	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			0.400	U						
Dec-15 resamp		NS	U	0.300	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U			NS	U						
27-Jan-16		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U			0.12	U						
20-Apr-16 <sup>3</sup>		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U			0.12	U						
20-Jul-16		0.14	U	0.19	U	0.13	U	0.15	U	0.14	U	0.14	U	0.14	U	0.24	U	0.18	U			0.18	U						
21-Oct-16		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U			0.12	U						

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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 206m 23			Ambient Outdoor (AOA-1)	AOA-2	AOA-3		
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual	Qual	Qual	Qual	Qual	Qual		
1,4-Dichlorobenzene	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	U						
	29-May-08		0.230		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		0.506		0.176		0.391		0.315		0.130		0.273		1.340		0.582		0.132	U						
	31-Jul-08		0.309		0.524		0.254		0.323		0.458		0.669		0.272		0.320		0.259	U						
	28-Aug-08		0.198		0.252		0.216		0.262		0.205		0.211		0.202		0.222		0.213	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						
	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	U	0.120	U	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	U						
	22-Jul-09		0.198		0.120	U	0.553		0.120	U	0.174		0.204		0.144		0.270		0.444	U						
	9-Oct-09		0.360		0.402		0.336		0.360		0.354		0.487		0.324		0.366		0.186	U						
	15-Jan-10		0.156		0.186		0.120	U	0.432		0.150		0.198		0.144		0.120	U	0.138	U						
	21-Apr-10		0.120	U	0.180		0.120	U	0.156		0.150		0.126		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	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						
	30-Nov-10		NS		0.282		0.318		NS		NS		NS		0.120	U	NS		NS	U						
	26-Jan-11		0.205	U	0.470		0.205	U	0.205	U	0.205	U	0.316		0.204	U	0.205	U	0.204	U	#	U	#	U		
	26-Jan-11**		NS		0.740		0.300	U	NS		NS		NS		0.300	U	NS		NS	U						
	27-Apr-11		0.120	U	0.174		0.120	U	0.222		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						
	28-Oct-11		0.190		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						
	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						
	Jul-12 resamp		NS		NS		NS		NS		NS		NS		NS		0.180	U	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						
	1-Nov-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						
	1-Feb-13		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-13		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-Jul-13		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-Jul-13 RIDEM		NS		NS		NS		NS		0.038	J	NS		NS		NS		0.030	J			0.12	U	0.12	U
	18-Oct-13		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-Jan-14		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						
	24-Apr-14		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-Aug-14		0.120	U	0.120	U	0.120	U	0.180	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U						
Sept-14 resamp		NS		NS		NS		NS		NS		NS		0.120	U	NS		NS	U							
22-Oct-14		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							
20-Jan-15		0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.120	U	0.180	U	0.120	U	0.180	U							
Mar-15 resamp		NS		NS		NS		NS		NS		NS		NS		0.140	U	NS	U							
22-Apr-15		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-Jul-15		0.300	U	0.300 <sup>A</sup>	U	0.300	U	0.300	U	0.300	U	0.300	U	0.400	U	0.300	U	0.300	U							
Sept-15 resamp		NS		NS		NS		NS		NS		NS		0.300	U	NS		NS	U							
29-Oct-15		0.300	U	0.300	U	0.170 <sup>J</sup>		0.300	U	0.300	U	0.210 <sup>J</sup>		0.300	U	0.300	U	0.400	U							
Dec-15 resamp		NS		0.300	U	NS		NS		NS		NS		NS		NS		NS	U							
27-Jan-16		0.12	U	0.13		0.12	U	0.14		0.12	U	0.61		0.12	U	10		0.12	U							
20-Apr-16 <sup>1</sup>		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.12	U							
20-Jul-16		0.14	U	0.19	U	0.13	U	0.15	U	0.14	U	0.14	U	0.24		0.17		0.18	U							
21-Oct-16		0.12	U	0.14		0.12	U	0.16		0.12	U	0.13		0.14		0.12	U	0.12	U							

**Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds  
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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)			AOA-2	AOA-3							
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual						
	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												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				2.220
	27-Jun-08		2.280		2.280		2.370		2.330		2.240		2.220		2.250		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				2.770
	28-Aug-08		3.600		2.870		2.920		2.870		2.920		2.800		2.800		2.980												2.980				2.500
	30-Sep-08		2.500		2.700		2.500	U	2.500	U	2.500	U	2.900		2.800		2.500	U										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				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				2.500	
	18-Dec-08		2.700		2.500		2.500	U	2.500	U	2.500	U	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	3.000	U	2.500	U										2.500				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				2.500	
	26-Mar-09		2.220		2.190		2.120		2.090		2.220		2.180		2.080		2.120												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				2.960
	22-Jul-09		3.140		3.120		2.920		3.090		2.780		3.170		2.690		2.960												3.130				2.210
	9-Oct-09		2.290		2.560		2.300		2.320		2.300		2.280		2.300		2.290												2.210				2.430
	15-Jan-10		27.800		2.550		2.480		2.590		2.410		2.540		2.410		2.410												2.410				2.240
	21-Apr-10		2.340		2.320		2.520		2.330		2.330		2.260		2.320		2.330												2.240				2.480
	16-Jul-10		2.480		2.560		2.430		2.520		2.690		2.480		2.550		2.480												2.740				2.630
	15-Oct-10		2.460		2.410		2.560		2.400		2.470		2.410		2.450		2.450												2.440				2.390
	30-Nov-10		NS		2.480		2.550		NS		NS		NS		2.390		NS												NS				2.680
	26-Jan-11		2.680		2.640		2.340		2.660		2.150		2.580		2.370		2.560												2.440				2.800
	26-Jan-11**		NS		2.800		2.700		NS		NS		NS		2.600		NS												NS				2.070
	27-Apr-11		2.070		2.820		2.200		2.450		2.160		2.210		2.220		2.210												2.460				2.290
	26-Jul-11		2.290		2.270		2.270		2.360		2.260		2.340		2.250		2.260												2.350				2.700
	28-Oct-11	91.0	2.700		2.400		2.800		2.600		2.800		2.500		2.600		2.800												2.500				1.700
	23-Jan-12		1.700		1.800		1.600		1.500		2.000		2.000		1.800		1.900												2.000				2.100
	13-Apr-12		2.100		2.100		2.000		2.000		1.800		1.900		1.700		1.700												1.300				NS
	Jul-12 resamp		NS		NS		NS		NS		NS		NS		NS		NS											2.500				2.500	
	20-Jun-12		2.500		2.600		2.500		2.400		2.700		2.300		2.500		2.500												2.300				2.000
	1-Nov-12		2.000		2.200		2.100		2.200		2.000		2.100		2.100		2.000												2.100				1.600
	1-Feb-13		1.600		1.600		1.600		1.600		1.600		1.600		1.600		1.700												1.600				2.400
	29-Apr-13		2.400		2.600		2.600		2.400		2.400		2.300		2.400		2.400												2.400				0.950
	9-Jul-13		0.950		0.980		0.930		0.960		0.990		1.000		0.980		0.970												1.000				1.800
	18-Oct-13		2.000		2.200		1.900		2.000		1.900		2.000		1.900		2.000												2.000				1.400
	9-Jan-14		1.400		1.500		1.400		1.400		1.500		1.500		1.500		1.600												1.600				2.400
	24-Apr-14		2.300		2.400		2.300		2.400		2.800		2.400		2.500		4.100												2.500				1.500
	1-Aug-14		1.500		1.600		1.500		1.600		1.500		1.600		2.300/1.500		1.500												1.700				1.400
	Sept-14 resam		NS		NS		NS		NS		NS		NS		2.400		NS												NS				1.800
	22-Oct-14		1.400		1.400		1.400		1.500		1.400		1.500		1.400		1.300												1.500				0.870
	20-Jan-15		1.400		1.500		1.300		1.400		1.500		1.400		1.500		1.500												1.500				1.800
	Mar-15 resam		NS		NS		NS		NS		NS		NS		NS		NS												NS				0.870
	22-Apr-15		1.800		1.800		4.200 <sup>V</sup>		1.800		1.700		1.700		1.900		1.700												1.600				0.870
	21-Jul-15		0.870		0.940 <sup>A</sup>		0.890		0.840		0.880		0.910		0.930		0.840												0.980				NS
	Sept-15 resam		NS		NS		NS		NS		NS		NS		0.920		NS												NS				1.100
	29-Oct-15		1.100		1.000		1.100		1.000		0.930		0.970		1.000		1.000												1.100				2.1 <sup>M</sup>
	27-Jan-16		2.1 <sup>M</sup>		2 <sup>M</sup>		1.9 <sup>M</sup>		2 <sup>M</sup>		2.1 <sup>M</sup>		2.1 <sup>M</sup>		2 <sup>M</sup>		2 <sup>M</sup>												2.1 <sup>M</sup>				1.5
	20-Apr-16 <sup>3</sup>		1.5		1.7		1.5		1.6		1.8		1.6		1.5		1.6												1.8				1.2
	20-Jul-16		1.2		1.3		1		1.2		1.3		1.2		1.2		1.2												1.2				0.5
	21-Oct-16		0.5		0.5		0.48		0.48		0.54		0.51		0.51		0.49												0.55				

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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)	AOA-2	AOA-3				
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual			
1,1-Dichloroethane	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				
	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	0.080	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		0.081	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		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		
	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		
	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		
	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		
	25-Feb-09		2.000	U	2.000	U	2.000	U	NS	U	2.000	U	2.000	U	2.000	U	2.000	U	2.000	U					2.000	U		
	26-Mar-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		
	29-Apr-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		
	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	0.081	U					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	U	NS	U	NS	U	NS	U	NS	U	NS	U					NS	U		
	26-Jan-11		0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.137	U	0.138	U	0.138	U	0.138	U	#	U	#	U	0.138	U		
	26-Jan-11**		NS		0.200	U	0.200	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U					NS	U		
	27-Apr-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		
	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	0.061	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		0.140	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		0.061	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					0.061	U		
	Jul-12 resamp		NS		NS		NS		NS		NS		NS		NS		NS		0.061	U					0.061	U		
	20-Jun-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		
	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		0.040	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		0.081	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-Jul-13		0.040	U	0.040	U	0.400	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U					0.040	U		
	9-Jul-13 RIDEEM		NS		NS		NS		NS		0.006	J	NS		NS		NS		NS						0.006	J		
	18-Oct-13		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-Jan-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	0.081	U					0.081	U		
	24-Apr-14		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-Aug-14		0.081	U	0.081	U	0.081	U	0.120	U	0.081	U	0.081	U	0.081	U	0.081	U	0.081	U					0.081	U		
Sept-14 resamp		NS		NS		NS		NS		NS		NS		NS		0.040	U	NS						NS	U			
22-Oct-14		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					0.061	U			
20-Jan-15		0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.061	U	0.040	U					0.061	U			
Mar-15 resamp		NS		NS		NS		NS		NS		NS		NS		NS		0.047	U					NS	U			
22-Apr-15		0.040	U	0.040	U	0.040 <sup>v</sup>	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U					0.040	U			
21-Jul-15		0.200	U	0.200 <sup>A</sup>	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.300	U	0.200	U					0.200	U			
Sept-15 resamp		NS		NS		NS		NS		NS		NS		NS		0.200	U	NS						NS	U			
29-Oct-15		0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U					0.200	U			
Dec-15 resamp		NS		0.200	U	NS		NS		NS		NS		NS		NS		NS						NS	U			
27-Jan-16		0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U					0.04	U			
20-Apr-16 <sup>3</sup>		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			
20-Jul-16		0.048	U	0.063	U	0.044	U	0.044	U	0.050	U	0.048	U	0.047	U	0.053	U	0.046	U					0.060	U			
21-Oct-16		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			

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February 2008 - October 2016

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 151m 23			Ambient Outdoor (AOA-1)			AOA-2	AOA-3		
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual		
1,2-Dichloroethane	8-Feb-08	0.07/0.08	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	U	U	U	0.080	U			
	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	U	U	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	U	U	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	U	U	U	0.080	U			
	27-Jun-08		0.080	U	0.081	U	0.080	U	0.084	U	0.080	U	0.080	U	0.178	U	0.080	U	0.080	U	U	U	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	U	U	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	U	U	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	U	U	U	0.080	U			
	27-Oct-08		0.080	U	0.150	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	U	U	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	U	U	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	U	U	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	U	U	U	0.080	U			
	25-Feb-09		0.080	U	0.080	U	0.080	U	NS	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	U	U	U	0.080	U			
	26-Mar-09		0.102		0.084		0.087		0.081		0.081		0.081		0.081		0.081		0.081		U	U	U	0.081	U			
	29-Apr-09		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.089	U	0.081	U	0.081	U	0.081	U	U	U	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	U	U	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	U	U	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	U	U	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	U	U	U	U	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	0.087	U	0.081	U	U	U	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	U	U	U	0.081	U			
	30-Nov-10		NS		0.081	U	0.081	U	NS	U	NS	U	NS	U	NS	U	0.081	U	NS	U	U	U	U	NS	U			
	26-Jan-11		0.138	U	0.138	U	0.138	U	0.138	U	0.138	U	0.137	U	0.138	U	0.138	U	0.138	U	#	U	#	U	0.138	U		
	26-Jan-11**		NS		0.200	U	0.200	U	NS	U	NS	U	NS	U	0.200	U	NS	U	NS	U	U	U	U	NS	U			
	27-Apr-11		0.081	U	0.081	U	0.081	U	0.081	U	0.081	U	0.093	U	0.081	U	0.081	U	0.089	U	U	U	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	U	U	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	U	U	U	0.061	U			
	23-Jan-12		0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.091	U	0.071	U	0.071	U	0.071	U	U	U	U	0.071	U			
	13-Apr-12		0.066		0.068		0.061		0.061		0.061		0.063		0.061		0.061		0.075		U	U	U	0.081	U			
	Jul-12 resamp		NS		NS		NS		NS		NS		NS		NS		NS		0.061		U	U	U	0.061	U			
	20-Jun-12		0.081		0.081		0.081		0.081		0.081		0.081		0.080		0.081		0.081		U	U	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	U	U	U	0.040	U			
	1-Feb-13		0.076		0.084		0.083		0.086		0.089		0.089		0.089		0.099		0.099		U	U	U	0.110	U			
	29-Apr-13		0.094		0.099		0.099		0.096		0.160		0.099		0.091		0.092		0.084		U	U	U	0.084	U			
	9-Jul-13		0.058		0.060		0.047		0.052		0.081		0.049		0.053		0.047		0.047		U	U	U	0.047	U	0.062	0.053	
	9-Jul-13 RIDEM		NS		NS		NS		NS		NS		NS		NS		NS		NS		U	U	U	NS	U		0.057	
	18-Oct-13		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	U	U	U	0.081	U			
	9-Jan-14		0.040	U	0.097	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	U	U	U	0.040	U			
	24-Apr-14		0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.150	U	0.040	U	U	U	U	0.040	U			
	1-Aug-14		0.040	U	0.040	U	0.040	U	0.060	U	0.100	U	0.040	U	0.040	U	0.040	U	0.040	U	U	U	U	0.040	U			
Sept-14 resamp	NS		NS		NS		NS		NS		NS		NS		NS		NS		U	U	U	NS	U					
22-Oct-14	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	U	U	U	0.061	U					
20-Jan-15	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.061	U	0.040	U	U	U	U	0.061	U					
Mar-15 resamp	NS		NS		NS		NS		NS		NS		NS		NS		NS		U	U	U	NS	U					
22-Apr-15	0.040	U	0.040	U	0.170 <sup>V</sup>	U	0.040	U	0.096	U	0.040	U	0.086	U	0.040	U	0.040	U	U	U	U	0.040	U					
21-Jul-15	0.100 <sup>L</sup>		0.200 <sup>A</sup>		0.200		0.200		0.200		0.200		0.300		0.200		0.200		U	U	U	0.200	U					
Sept-15 resamp	NS		NS		NS		NS		NS		NS		NS		NS		NS		U	U	U	NS	U					
29-Oct-15	0.200	U	0.890	U	0.200	U	0.200	U	0.200	U	0.200	U	0.430	U	0.200	U	0.200	U	U	U	U	0.200	U					
Dec-15 resamp	NS		0.200		NS		NS		NS		NS		NS		NS		NS		U	U	U	NS	U					
27-Jan-16	0.06		0.063		0.081		0.065		0.068		0.068		0.063		0.076		0.057		U	U	U	0.057	U					
20-Apr-16 <sup>1</sup>	0.057		0.055		0.040		0.058		0.058		0.060		0.058		0.058		0.062		U	U	U	0.062	U					
20-Jul-16	0.048	U	0.063	U	0.044	U	0.050	U	0.050	U	0.047	U	0.053	U	0.049	U	0.049	U	U	U	U	0.060	U					
21-Oct-16	0.040	U	0.062	U	0.050	U	0.040	U	0.040	U	0.040	U	0.040	U	0.049	U	0.049	U	U	U	U	0.040	U					

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			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual		
1,1-Dichloroethylene	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			
	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			
	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			
	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		0.079	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	25-Feb-09		2.000	U	2.000	U	2.000	U	NS	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			
	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			
	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			
	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			
	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			
	21-Apr-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			
	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			
	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			
	30-Nov-10		NS	U	0.079	U	0.079	U	NS	U	NS	U	NS	U	0.079	U	NS	U	NS	U		NS	U			
	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	#	U	#	U	0.135	U
	26-Jan-11**		NS	U	0.200	U	0.200	U	NS	U	NS	U	NS	U	0.200	U	NS	U	NS	U		NS	U			
	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			
	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			
	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			
	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			
	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			
	Jul-12 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.059	U		0.059	U			
	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			
	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			
	29-Apr-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			
	9-Jul-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			
	9-Jul-13 RIDEEM		NS	U	NS	U	NS	U	NS	U	0.029	U	NS	U	NS	U	NS	U	NS	U		NS	U	0.04	U	
	18-Oct-13		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			
	9-Jan-14		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			
	24-Apr-14		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-Aug-14		0.079	U	0.079	U	0.079	U	0.120	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U		0.079	U			
Sept-14 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.040	U	NS	U	NS	U		NS	U				
22-Oct-14		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				
20-Jan-15		0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.098	U	0.059	U	0.040	U	0.040	U		0.059	U				
Mar-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.046	U		NS	U				
22-Apr-15		0.040	U	0.040	U	0.040 <sup>v</sup>	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U		0.040	U				
21-Jul-15		0.200	U	0.200 <sup>^</sup>	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.300	U	0.200	U		0.200	U				
Sept-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.200	U	NS	U	NS	U		NS	U				
29-Oct-15		0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U		0.200	U				
Dec-15 resamp		NS	U	0.200	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U		NS	U				
27-Jan-16		0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U		0.04	U				
20-Apr-16 <sup>3</sup>		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				
20-Jul-16		0.047	U	0.061	U	0.043	U	0.049	U	0.047	U	0.046	U	0.052	U	0.045	U	0.045	U		0.059	U				
21-Oct-16		0.040	U	0.040	U	0.044	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U		0.040	U				

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			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual			
cis-1,2-Dichloroethene*	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				
	27-Mar-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				
	25-Apr-08		0.080	U	0.080	U	0.080	U	0.100	U	0.080	U	0.080	U	0.080	U	0.080	U				0.080	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				
	27-Jun-08		0.080	U	0.079	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U	0.080	U				0.079	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				
	28-Aug-08		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.092	U	0.079	U				0.090	U				
	30-Sep-08		5.900	U	5.900	U	5.900	U	5.900	U	5.900	U	5.900	U	5.900	U	5.900	U				5.900	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				
	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				
	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				
	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				
	25-Feb-09		2.000	U	2.000	U	2.000	U	NS	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				
	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				
	22-Jul-09		0.079	U	0.079	U	0.079	U	0.079	U	0.079	U	0.127	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				
	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				
	21-Apr-10		0.079	U	0.780	U	0.079	U	0.079	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				
	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				
	30-Nov-10		NS	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-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				
	26-Jan-11**		NS	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U				0.200	U				
	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				
	26-Jul-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				
	28-Oct-11		0.069	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				
	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				0.079	U				
	Jul-12 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.059	U				0.059	U				
	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				
	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				
	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				
	29-Apr-13		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				
	9-Jul-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	0.04	U	0.04	U
	18-Oct-13		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				
	9-Jan-14		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				
	24-Apr-14		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-Aug-14		0.079	U	0.079	U	0.079	U	0.120	U	0.500	U	0.079	U	0.079	U	0.079	U				0.160	U				
	Sept-14 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U				NS	U				
22-Oct-14		0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.059	U				0.240	U					
20-Jan-15		0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U				0.059	U					
Mar-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U				NS	U					
22-Apr-15		0.040	U	0.040	U	0.040 <sup>V</sup>	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U				0.040	U					
21-Jul-15		0.200	U	0.200 <sup>A</sup>	U	0.110 <sup>J</sup>	U	0.200	U	0.200	U	0.200	U	0.300	U	0.200	U				0.200	U					
Sept-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U				NS	U					
29-Oct-15		0.200	U	0.510	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U				0.200	U					
Dec-15 resamp		NS	U	0.200	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U				NS	U					
27-Jan-16		0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U				0.04	U					
20-Apr-16 <sup>3</sup>		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					
20-Jul-16		0.047	U	0.061	U	0.043	U	0.049	U	0.047	U	0.046	U	0.052	U	0.045	U				0.059	U					
21-Oct-16		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					

**Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds  
February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)			AOA-2			AOA-3			
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	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						
	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						
	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						
	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	0.080	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						
	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						
	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						
	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						
	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						
	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						
	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						
	25-Feb-09		2.000	U	2.000	U	2.000	U	NS	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						
	29-Apr-09		0.079	U	0.079	U	0.091	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	0.079	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						
	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						
	21-Apr-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						
	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						
	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						
	30-Nov-10		NS	U	0.079	U	0.079	U	NS	U	NS	U	NS	U	0.079	U	NS	U	NS	U				NS	U						
	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	#	U	#	U	0.135	U					
	26-Jan-11**		NS	U	0.200	U	0.200	U	NS	U	NS	U	NS	U	0.200	U	NS	U	NS	U				NS	U						
	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						
	26-Jul-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						
	28-Oct-11	37.0	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						
	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						
	Jul-12 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.059	U				0.059	U						
	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						
	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						
	29-Apr-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						
	9-Jul-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						
	18-Oct-13		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						
	9-Jan-14		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						
	24-Apr-14		0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.079	U				0.040	U						
	1-Aug-14		0.079	U	0.079	U	0.079	U	0.120	U	0.250	U	0.079	U	0.079	U	0.079	U	0.079	U				0.090	U						
	Sept-14 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U				NS	U						
	22-Oct-14		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						
	20-Jan-15		0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.059	U	0.040	U				0.040	U						
	Mar-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.046	U				NS	U						
	22-Apr-15		0.040	U	0.040	U	0.040 <sup>V</sup>	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U				0.040	U						
	21-Jul-15		0.200	U	0.200 <sup>A</sup>	U	0.200	U	0.200	U	0.200	U	0.200	U	0.300	U	0.200	U	0.200	U				0.200	U						
	Sept-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U				NS	U						
	29-Oct-15		0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U				0.200	U						
	Dec-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U				NS	U						
	27-Jan-16		0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U				0.04	U						
	20-Apr-16 <sup>3</sup>		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						
	20-Jul-16		0.047	U	0.061	U	0.043	U	0.049	U	0.047	U	0.046	U	0.052	U	0.045	U	0.045	U				0.059	U						
	21-Oct-16		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						

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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 201m 23			Ambient Outdoor (AOA-1)	AOA-2	AOA-3				
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual																		
1,2-Dichloropropane	8-Feb-08	0.13	0.090	U				0.090	U																			
	27-Mar-08		0.092	U	0.092	U				0.092	U																	
	25-Apr-08		0.092	U	0.092	U				0.092	U																	
	29-May-08		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	0.092	U	0.092	U	0.092	U				0.092	U			
	31-Jul-08		0.092	U	0.092	U				0.092	U																	
	28-Aug-08		0.092	U	0.092	U				0.092	U																	
	30-Sep-08		0.090	U	0.090	U				0.090	U																	
	27-Oct-08		0.090	U	0.090	U				0.090	U																	
	25-Nov-08		0.090	U	0.090	U				0.090	U																	
	18-Dec-08		0.090	U	0.090	U				0.090	U																	
	21-Jan-09		0.090	U	0.090	U				0.090	U																	
	25-Feb-09		0.090	U	0.090	U	0.090	U	0.090	U	NS	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																	
	29-Apr-09		0.092	U	0.092	U				0.092	U																	
	22-Jul-09		0.092	U	0.092	U				0.092	U																	
	9-Oct-09		0.092	U	0.092	U				0.092	U																	
	15-Jan-10		0.092	U	0.092	U				0.092	U																	
	21-Apr-10		0.092	U	0.092	U				0.092	U																	
	16-Jul-10		0.092	U	0.092	U				0.092	U																	
	15-Oct-10		0.092	U	0.092	U				0.092	U																	
	30-Nov-10		NS	U	0.092	U	0.092	U	0.092	U	NS	U	NS	U	NS	U	0.092	U	NS	U				NS	U			
	26-Jan-11		0.158	U	0.157	U	0.158	U	#	U	#	U	0.157	U														
	26-Jan-11**		NS	U	0.230	U	0.230	U	0.230	U	NS	U	NS	U	NS	U	0.230	U	NS	U				NS	U			
	27-Apr-11		0.092	U	0.092	U				0.092	U																	
	26-Jul-11		0.092	U	0.092	U				0.092	U																	
	28-Oct-11		0.069	U	0.069	U				0.069	U																	
	23-Jan-12		0.081	U	0.081	U				0.081	U																	
	13-Apr-12		0.140	U	0.140	U				0.140	U																	
	Jul-12 resamp		NS	U	0.069	U				0.069	U																	
	20-Jun-12		0.092	U	0.092	U				0.092	U																	
	1-Nov-12		0.046	U	0.046	U				0.046	U																	
	1-Feb-13		0.092	U	0.092	U				0.092	U																	
	29-Apr-13		0.046	U	0.046	U				0.046	U																	
	9-Jul-13		0.092	U	0.092	U				0.092	U																	
9-Jul-13 RIDEM	NS	U	NS	U	NS	U	NS	U	0.021	J	NS	U	NS	U	NS	U	NS	U				NS	J	0.092	U	0.092	U	
18-Oct-13	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-Jan-14	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					
24-Apr-14	0.046 <sup>L-V</sup>	U	0.046 <sup>L-V</sup>	U	0.046 <sup>L-V</sup>	U	0.046 <sup>L-V</sup>	U	0.046 <sup>L-V</sup>	U	0.046 <sup>L-V</sup>	U	0.046 <sup>L-V</sup>	U	0.046 <sup>L-V</sup>	U	0.046 <sup>L-V</sup>	U				0.046 <sup>L-V</sup>	U					
1-Aug-14	0.092	U	0.092	U	0.092	U	0.140	U	0.092	U				0.092	U													
Sept-14 resamp	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.046 <sup>L-V</sup>	U	NS	U				NS	U					
22-Oct-14	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					
20-Jan-15	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.069	U	0.046	U				0.046	U					
Mar-15 resamp	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.053	U				NS	U					
22-Apr-15	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U				0.046	U					
21-Jul-15	0.200	U	0.200 <sup>A</sup>	U	0.200	U				0.200	U																	
Sept-15 resamp	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.300	U	NS	U				NS	U					
29-Oct-15	0.300	U	0.200	U	0.200	U	0.200	U	0.300	U	0.200	U	0.200	U	0.200	U	0.200	U				0.300	U					
Dec-15 resamp	NS	U	0.200	U	NS	U				NS	U																	
27-Jan-16	0.046	U	0.046	U	0.057	U	0.046	U	0.046	U	0.085	U	0.046	U	0.046	U	0.046	U				0.046	U					
20-Apr-16 <sup>1</sup>	0.074	U	0.048	U	0.046	U	0.046	U	0.083	U	0.057	U	0.059	U	0.046	U	0.052	U				0.052	U					
20-Jul-16	0.055	U	0.072	U	0.050	U	0.050	U	0.057	U	0.055	U	0.11	U	0.061	U	0.052	U				0.069	U					
21-Oct-16	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	0.046	U	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 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)	AOA-2	AOA-3		
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual		
cis-1,3-Dichloropropene	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			
	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			
	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			
	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			
	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		0.091	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			
	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			
	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			
	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			
	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			
	19-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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	26-Jan-11		0.155	U	0.154	U	0.155	U	0.155	U	0.154	U	0.154	U	0.154	U	0.154	U	0.155	U	#	U	#	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			
	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			
	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			
	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			
	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			
	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			
	Jul-12 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.068	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			
	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			
	1-Feb-13		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			
	29-Apr-13		0.045	U	0.250	U	0.045	U	0.045	U	0.250	U	0.045	U	0.045	U	0.045	U	0.045	U		0.045	U			
	9-Jul-13		0.045	U	0.250	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			
	9-Jul-13 RIDEM		NS	U	NS	U	NS	U	NS	U	0.026	U	NS	U	NS	U	NS	U	NS	U		NS	U	0.045	U	
	18-Oct-13		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-Jan-14		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			
	24-Apr-14		0.045	U	0.045	U	0.045	U	0.045	U	0.040	U	0.091	U	0.045	U	0.045	U	0.091	U		0.045	U			
	1-Aug-14		0.091	U	0.091	U	0.091	U	0.140	U	1.000	U	0.091	U	0.091	U	0.091	U	0.091	U		0.091	U			
Sept-14 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.045	U	NS	U		NS	U				
22-Oct-14		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				
20-Jan-15		0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.068	U	0.046	U		0.068	U				
Mar-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.052	U		NS	U				
22-Apr-15		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				
21-Jul-15		0.200	U	0.200 <sup>A</sup>	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.300	U	0.200	U		0.300	U				
Sept-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.300	U	NS	U		NS	U				
29-Oct-15		0.300	U	0.200	U	0.200	U	0.300	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U		0.300	U				
Dec-15 resamp		NS	U	0.200	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U		NS	U				
27-Jan-16		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				
20-Apr-16 <sup>1</sup>		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				
20-Jul-16		0.054	U	0.07	U	0.049	U	0.056	U	0.054	U	0.053	U	0.060	U	0.060	U	0.051	U		0.068	U				
21-Oct-16		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				

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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)	AOA-2	AOA-3			
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual	Qual	Qual	Qual	Qual	Qual			
	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				
	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				
	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				
	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				
	27-Jun-08		0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	0.340	U	0.090	U				0.091	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				
	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				
	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				
	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				
	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				
	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				
	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				
	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				
	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				
	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				
	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				
	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				
	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				
	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				
	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				
	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				
	30-Nov-10		NS	U	0.091	U	0.091	U	NS	U	NS	U	NS	U	0.091	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	0.155	U	#	U	#	0.154	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				
	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				
	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				
trans-1,3-Dichloropropene	28-Oct-11	None	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				
	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				
	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				
	Jul-12 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.068	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				
	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				
	1-Feb-13		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				
	29-Apr-13		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				
	9-Jul-13		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				
	9-Jul-13 RIDEEM		NS	U	NS	U	NS	U	NS	U	0.049	U	NS	U	NS	U	NS	U				NS	U	0.045	U	0.045	U
	18-Oct-13		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-Jan-14		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				
	24-Apr-14		0.045	U	0.045	U	0.045	U	0.040	U	0.091	U	0.045	U	0.045	U	0.091	U				0.045	U				
	1-Aug-14		0.091	U	0.091	U	0.091	U	0.140	U	0.091	U	0.091	U	0.091	U	0.091	U				0.091	U				
	Sept-14 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.045	U	NS	U				NS	U				
	22-Oct-14		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				
	20-Jan-15		0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.045	U	0.068	U	0.046	U				0.068	U				
	Mar-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.052	U				NS	U				
	22-Apr-15		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				
	21-Jul-15		0.200	U	0.200 <sup>A</sup>	U	0.200	U	0.200	U	0.200	U	0.200	U	0.300	U	0.200	U				0.300	U				
	Sept-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.300	U	NS	U				NS	U				
	29-Oct-15		0.300	U	0.200	U	0.200	U	0.300	U	0.200	U	0.200	U	0.200	U	0.200	U				0.300	U				
	Dec-15 resamp		NS	U	0.200	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U				NS	U				
	27-Jan-16		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				
	20-Apr-16 <sup>1</sup>		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				
	20-Jul-16		0.054	U	0.07	U	0.049	U	0.056	U	0.054	U	0.053	U	0.060	U	0.051	U				0.068	U				
	21-Oct-16		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				

**Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds  
February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)			AOA-2	AOA-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
Ethylbenzene	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							0.619			
	25-Apr-08		0.770		0.637		2.200		0.711		0.678		0.712		0.705		0.650							0.087		U	
	29-May-08		0.140		0.120		1.310		0.620		0.120		0.160		0.150		0.110							0.090		U	
	27-Jun-08		0.555		0.412		1.080		0.987		0.478		0.400		0.802		0.360							0.369		U	
	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		2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	15.500							2.200		U	
	27-Oct-08		2.200	U	2.200		2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200							2.200		U	
	25-Nov-08		2.200	U	2.200		2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200							2.200		U	
	18-Dec-08		2.200	U	2.200		2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200							2.200		U	
	21-Jan-09		2.200	U	2.200		2.200	U	2.200	U	2.200	U	2.200	U	2.200	U	2.200							2.200		U	
	25-Feb-09		2.200	U	2.200		3.600		NS		2.200	U	2.200	U	2.200	U	2.200							2.200		U	
	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		0.612		0.681		0.603		0.542		0.538		0.538							0.087		U	
	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							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					#	#	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							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		U	
	Jul-12 resamp		NS		NS		NS		NS		NS		NS		NS		0.130							0.130		U	
	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		0.730		0.810		0.630		0.630							0.130			
	1-Feb-13		0.130		0.087	U	0.087		0.087	U	0.110		0.089		0.190		0.087							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		0.340		0.320		0.310		0.330		0.390		0.310		0.350		0.320							0.310			
	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		0.570		0.210							0.140			
	24-Apr-14		0.110		0.087		0.096		0.087	U	0.087	U	0.087	U	0.150		0.120							0.087		U	
	1-Aug-14		0.190		0.150		0.360		0.400		0.470		0.200		0.650		0.460							0.280			
Sept-14 resamp		NS		NS		NS		NS		NS		NS		0.150		NS							NS				
22-Oct-14		0.160		0.140		0.130		0.130	U	0.130	U	0.130	U	0.130	U	0.130							0.210				
20-Jan-15		0.130		0.130		0.110		0.170		0.130		0.160		0.230		0.240							0.210				
Mar-15 resamp		NS		NS		NS		NS		NS		NS		NS		0.140							NS				
22-Apr-15		0.520		0.560		0.560		0.460		0.710		0.420		0.610		0.620							0.180				
21-Jul-15		0.590		0.260 <sup>^</sup>		0.270		0.260		0.290		0.320		0.380		0.230							0.160 <sup>^</sup>				
Sept-15 resamp		NS		NS		NS		NS		NS		NS		0.140 <sup>^</sup>		NS							NS				
29-Oct-15		0.300	U	0.590		1.800		0.150 <sup>^</sup>		0.200	U	0.180 <sup>^</sup>		0.340		0.110 <sup>^</sup>							0.300		U		
Dec-15 resamp		NS		0.200		NS		NS		NS		NS		NS		NS							NS				
27-Jan-16		0.21		0.087		U		0.13		0.087	U	0.087	U	0.17		0.13							0.1				
20-Apr-16 <sup>^</sup>		0.1		0.087		U		0.087	U	0.087	U	0.087	U	0.087	U	0.087							0.087		U		
20-Jul-16		0.41		0.33				0.49		0.49		0.39		0.48		0.27							0.13				
21-Oct-16		0.44		0.56				0.32		0.69		0.29		0.15		0.30							2.4				



**Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds  
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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)	AOA-2	AOA-3	
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual										
p-Isopropyltoluene	8-Feb-08		2.740	U	2.740	U	2.740	U				2.740	U												
	27-Mar-08		2.740	U	2.740	U	2.740	U				2.740	U												
	25-Apr-08		2.740	U	2.740	U	2.740	U				2.740	U												
	29-May-08		2.740	U	2.740	U	2.740	U				2.740	U												
	27-Jun-08		2.740	U	2.740	U	2.740	U				2.740	U												
	31-Jul-08		2.740	U	2.740	U	2.740	U				2.740	U												
	28-Aug-08		2.740	U	2.740	U	2.740	U				2.740	U												
	30-Sep-08		5.500	U	5.500	U	5.5	U	5.500	U	6.400	U	5.500	U	5.500	U	67.000	U				5.500	U		
	25-Nov-08		5.500	U	5.500	U	5.500	U	5.500	U	5.5	U	5.500	U	5.500	U	5.500	U				5.500	U		
	25-Nov-08		5.500	U	5.500	U	5.500	U				5.500	U												
	18-Dec-08		5.500	U	5.500	U	5.500	U				5.500	U												
	21-Jan-09		5.500	U	5.500	U	5.500	U				5.500	U												
	25-Feb-09		5.500	U	5.500	U	5.500	U	NS	U	5.500	U	5.500	U	5.500	U	5.500	U				5.500	U		
	26-Mar-09		2.740	U	2.740	U	2.740	U				2.740	U												
	29-Apr-09		2.740	U	2.740	U	0.274	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				2.740	U		
	22-Jul-09		2.740	U	2.740	U	3.890	U	2.740	U	2.740	U	2.740	U	2.740	U	2.740	U				2.740	U		
	9-Oct-09		2.740	U	2.740	U	2.740	U				2.740	U												
	15-Jan-10		2.740	U	2.740	U	2.740	U				2.740	U												
	21-Apr-10		2.740	U	2.740	U	2.740	U				2.740	U												
	16-Jul-10		2.740	U	2.740	U	2.740	U				2.740	U												
	15-Oct-10		2.740	U	2.740	U	2.740	U				2.740	U												
	30-Nov-10		NS	U	2.740	U	2.740	U	NS	U	NS	U	NS	U	2.740	U	NS	U				NS	U		
	26-Jan-11		0.468	U	4.660	U	4.680	U	4.670	U	4.680	U	4.680	U	4.660	U	4.660	U			# U # U	4.660	U		
	26-Jan-11**		NS	U		U	NS	U	NS	U				NS	U										
	27-Apr-11		2.740	U	2.740	U	2.740	U				2.740	U												
	26-Jul-11		2.740	U	2.740	U	2.740	U				2.740	U												
	28-Oct-11		0.380	U	0.380	U	0.380	U				0.380	U												
	23-Jan-12		0.080	U	0.440	U	0.440	U				0.440	U												
	13-Apr-12		0.380	U	0.380	U	0.380	U				0.380	U												
	Jul-12 resamp		NS	U	NS	U	NS	U				0.380	U												
	20-Jun-12		0.250	U	2.000	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												
	1-Feb-13		0.290	U	0.250	U	0.250	U				0.250	U												
	29-Apr-13		0.480	U	0.250	U	0.250	U				0.250	U												
	9-Jul-13		0.250	U	0.250	U	0.250	U				0.250	U												
	18-Oct-13		0.250	U	0.250	U	0.250	U	0.250	U	0.320	U	0.250	U	0.250	U	0.370	U				0.250	U		
	9-Jan-14		0.250	U	0.250	U	0.250	U				0.250	U												
	24-Apr-14		0.250	U	0.250	U	0.250	U				0.250	U												
	1-Aug-14		0.250	U	0.250	U	0.250	U	0.380	U	0.250	U	0.250	U	0.250	U	0.250	U				0.250	U		
	Sept-14 resamp		NS	U	NS	U	NS	U				NS	U												
	22-Oct-14		0.380 <sup>L</sup>	U	0.380 <sup>L</sup>	U	0.380 <sup>L</sup>	U				0.380 <sup>L</sup>	U												
	20-Jan-15		0.250	U	0.380	U	0.380	U				0.380	U												
	Mar-15 resamp		NS	U	NS	U	0.290	U				NS	U												
	22-Apr-15		0.250	U	0.250	U	0.250	U				0.250	U												
	21-Jul-15		0.170 <sup>J</sup>	U	0.300 <sup>A</sup>	U	0.300	U	0.300	U	0.300	U	0.300	U	0.400	U	0.300	U				-	U		
	Sept-15 resamp		NS	U	NS	U	NS	U				NS	U												
	29-Oct-15		0.300	U	0.250 <sup>J</sup>	U	0.300	U	0.300	U	0.300	U	0.300	U	0.160 <sup>J</sup>	U	0.300	U				0.300	U		
	Dec-15 resamp		NS	U	0.300	U	NS	U	NS	U				NS	U										
	27-Jan-16		0.25	U	0.25	U	0.25	U				0.25	U												
	20-Apr-16 <sup>3</sup>		0.25	U	0.25	U	0.25	U				0.25	U												
20-Jul-16		0.30	U	0.39	U	0.27	U	0.31	U	0.30	U	0.29	U	0.33	U	0.28 <sup>W</sup>	U				0.37	U			
21-Oct-16		0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U				0.25	U			

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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)	AOA-2	AOA-3	
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
	8-Feb-08		0.070	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	U	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	U		
	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	U	2.300	U	1.800	U	1.800	U				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	U	1.800	U	NS	U	1.800	U	2.700	U	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	U	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	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U				0.169	U		
	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		0.072		NS		NS		NS		0.072		NS					NS	U		
	26-Jan-11		0.123	U	0.122	U	0.123	U	0.123	U	0.123	U	0.122	U	0.122	U	0.123	U				0.122	U		
	26-Jan-11**		NS		0.180		0.180		NS		NS		NS		0.180		NS					NS	U		
	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				0.110	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		
	Jul-12 resamp		NS		NS		NS		NS		NS		NS		NS		0.110					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		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 RIDEM		NS		NS		NS		NS		0.041	J	NS		NS		NS					0.200	U		
	18-Oct-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-Jan-14		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		
	24-Apr-14		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-Aug-14		0.072	U	0.072	U	0.072	U	0.110	U	0.072	U	0.072	U	0.072	U	0.072	U				0.072	U		
	Sept-14 resamp		NS		NS		NS		NS		NS		NS		0.072		NS					NS	U		
	22-Oct-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		
	20-Jan-15		0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.072	U	0.110	U	0.072	U				0.110	U		
	Mar-15 resamp		NS		NS		NS		NS		NS		NS		NS		0.083					NS	U		
	22-Apr-15		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-Jul-15		0.180		0.200 <sup>A</sup>		0.200		0.550		0.200		0.200		0.200		0.200					0.200	U		
	Sept-15 resamp		NS		NS		NS		NS		NS		NS		0.200		NS					NS	U		
	29-Oct-15		0.200	U	0.230		0.200	U	0.200	U	0.200	U	0.200	U	0.760	U	0.200	U				0.200	U		
	Dec-15 resamp		NS		0.200		NS		NS		NS		NS		NS		NS					NS	U		
	27-Jan-16		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		
	20-Apr-16 <sup>1</sup>		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		
	20-Jul-16		0.086	U	0.11	U	0.078	U	0.088	U	0.086	U	0.084	U	0.095	U	0.081	U				0.11	U		
	21-Oct-16		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		

**Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds  
February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 206m 23			Ambient Outdoor (AOA-1)			AOA-2		AOA-3				
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		
			Value		Value		Value		Value		Value		Value		Value		Value		Value		Value		Value		Value		Value		Value		Value
Methylene chloride	8-Feb-08	3.0	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						
	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						
	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						
	27-Jun-08		1.740	U	1.740	U	1.740	U	1.740	U	3.210	U	1.740	U	6.940	U	1.740	U	1.740	U				19.000	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						
	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						
	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						
	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						
	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						
	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						
	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						
	25-Feb-09		1.700	U	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						
	26-Mar-09		7.540		1.870		4.010		2.100		1.850		3.230		4.060		1.990							11.600							
	29-Apr-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						
	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						
	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						
	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						
	21-Apr-10		5.410		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		23.300		16.900		13.900		19.900		48.200		46.700		22.200							20.600							
	15-Oct-10		3.470	U	4.440		4.510		3.470	U	3.470	U	3.470	U	5.840	U	3.470	U						3.470	U						
	30-Nov-10		NS		3.570		11.600		NS		NS		NS		5.770		NS							NS							
	26-Jan-11		4.530		2.950	U	2.960	U	2.960	U	2.960	U	2.960	U	5.290	U	2.960	U			#	#	U	2.950	U						
	26-Jan-11**		NS		2.500		1.700		NS		NS		NS		1.600		NS							NS							
	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						
	26-Jul-11		3.470	U	5.800		4.240		3.470	U	3.470	U	3.470	U	3.510	U	10.200	U						5.380	U						
	28-Oct-11		1.900		1.900		1.800		1.900		1.000		1.200		5.700		5.500							0.690	U						
	23-Jan-12		2.500		1.200	U	2.300		2.200		2.500		6.300		1.900		1.200							1.900	U						
	13-Apr-12		5.800		4.600		3.100		3.100		1.000	U	1.700		1.000	U	50.000							53.000							
	Jul-12 resamp		NS		NS		NS		NS		NS		NS		NS		1.000							1.000	U						
	20-Jun-12		0.920		1.600		0.880		1.300		1.200		1.400		1.100		1.400							1.700							
	1-Nov-12		0.690	U	1.200		0.750		0.690	U	0.690	U	0.760		1.200		0.690	U						1.200	U						
	1-Feb-13		0.800		0.690	U	0.690		0.690	U	0.810		2.200		0.810		0.760							0.690	U						
	29-Apr-13		1.400		0.950		0.950		1.200		1.200		1.100		1.400		1.100							1.500							
	9-Jul-13		1.100		0.730		0.990		1.800		0.890		1.300		1.800		0.850							1.200							
	9-Jul-13 RIDEM		NS		NS		NS		NS		0.298		NS		NS		NS							0.477							
	18-Oct-13		0.730		0.780		0.690	U	0.760		0.690	U	0.740		0.840		0.690	U						0.710							
	9-Jan-14		0.690	U	0.880		0.690	U	2.000		0.690	U	1.100		1.400		0.810							3.700							
	24-Apr-14		0.690	U	0.690	U	3.000		0.690	U	3.000		0.690	U	260 <sup>e</sup>		0.690	U						0.690	U						
	1-Aug-14		2.800		1.500		1.300		1.900		1.300		1.800		2.000		1.600							2.200							
	Sept-14 resamp		NS		NS		NS		NS		NS		NS		1.000		NS							NS							
	22-Oct-14		1.800		2.600		1.500		1.200		1.200		1.700		1.400		3.100							1.300							
	20-Jan-15		28.000		27.000		2.900		29.000		25.000		30.000		37.000		0.690							40.000							
	Mar-15 resamp		NS		NS		NS		NS		NS		NS		NS		1.300							NS							
	22-Apr-15		1.800		1.400		1.100 <sup>v</sup>		1.500		1.200		1.100		1.000		0.890							0.870							
21-Jul-15		4.800		1.100 <sup>h</sup>		1.600		20.000		2.100		1.500		1.700		1.900							1.600								
Sept-15 resamp		NS		NS		NS		NS		NS		NS		1.300		NS							NS								
29-Oct-15		2.100		12.000		1.500		1.800		1.400		1.400		23.000		1.200							5.000								
Dec-15 resamp		NS		0.840		NS		NS		NS		NS		NS		NS							NS								
27-Jan-16		0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U						0.69	U							
20-Apr-16 <sup>1</sup>		0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U	0.69	U						0.69	U							
20-Jul-16		1.2		1.1	U	0.75	U	1.2	U	0.83	U	0.81	U	0.92	U	0.78	U						2.4	U							
21-Oct-16		1.4		0.95		1.1		0.72		1.1		1.2		0.69		4.6							0.69	U							

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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 166m 23			Ambient Outdoor (AOA-1)			AOA-2		AOA-3		
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
4-Methyl-2-pentanone	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				
	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				
	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				
	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				
	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				
	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				
	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				
	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				
	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				
	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				
	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				
	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				
	25-Feb-09		2.000	U	2.000	U	2.000	U	NS	U	2.600	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				
	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				
	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				
	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				
	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				
	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	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				
	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				
	30-Nov-10		NS		2.050	U	2.050	U	NS	U	NS	U	NS	U	2.050	U	NS	U	NS	U				NS	U				
	26-Jan-11		3.490	U	3.480	U	3.490	U	3.480	U	3.480	U	59.500	U	3.480	U	3.480	U	6.760	U	#	U	#	U	3.480	U			
	26-Jan-11**		NS		0.200	U	0.200	U	NS	U	NS	U	NS	U	0.200	U	NS	U	NS	U				NS	U				
	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				
	26-Jul-11		11.700		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	U	0.840	U	0.560	U	0.800	U	0.930	U	1.500	U	1.200	U	1.200	U				0.390	U				
	23-Jan-12		0.140	U	0.140	U	0.210	U	0.190	U	26.000	U	2.900	U	0.230	U	270.000	U	0.540	U				0.540	U				
	13-Apr-12		0.120	U	0.120	U	0.200	U	0.120	U	0.150	U	0.230	U	0.120	U	0.140	U	0.160	U				0.160	U				
	Jul-12 resamp		NS		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.140	U				0.120	U				
	20-Jun-12		0.230		0.082	U	0.460	U	0.250	U	0.320	U	0.270	U	0.190	U	0.320	U	0.320	U				0.120	U				
	1-Nov-12		0.082	U	0.260	U	0.180	U	0.420	U	0.500	U	0.650	U	0.082	U	0.220	U	0.220	U				0.170	U				
	1-Feb-13		0.093		0.100	U	0.120	U	0.082	U	0.190	U	0.280	U	0.082	U	0.082	U	0.082	U				0.095	U				
	29-Apr-13		2.900		0.290	U	0.290	U	0.420	U	0.510	U	0.320	U	0.450	U	0.400	U	0.400	U				0.390	U				
	9-Jul-13		0.250		0.320	U	0.300	U	0.320	U	0.350	U	0.400	U	0.270	U	0.280	U	0.220	U				0.220	U		0.28	0.26	
	18-Oct-13		1.800		0.220	U	0.190	U	1.500	U	2.200	U	0.850	U	3.300	U	2.400	U	1.500	U				1.500	U				
	9-Jan-14		0.082	U	0.082	U	0.110	U	0.130	U	0.150	U	0.360	U	0.110	U	1.400	U	0.082	U				0.082	U				
	24-Apr-14		0.240		0.120	U	0.300	U	0.130	U	0.130	U	0.140	U	0.120	U	0.082	U	0.082	U				0.082	U				
	1-Aug-14		0.082 <sup>L</sup>	U	0.082 <sup>L</sup>	U	0.560 <sup>L</sup>	U	0.380 <sup>L</sup>	U	0.082 <sup>L</sup>	U	0.380	U	0.082 <sup>L</sup>	U	0.280	U	0.620	U				0.620	U				
	Sept-14 resamp		NS		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U				NS	U				
22-Oct-14		0.120	U	0.120	U	0.170	U	0.140	U	0.280	U	1.200	U	0.120	U	0.250	U	0.120	U				0.120	U					
20-Jan-15		0.500		0.570	U	0.610	U	0.800	U	0.560	U	0.800	U	0.550	U	0.310	U	1.700	U				1.700	U					
Mar-15 resamp		NS		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.440	U	NS	U				NS	U					
22-Apr-15		0.350		0.450	U	0.710	U	0.260	U	0.290	U	0.260	U	0.460	U	0.860	U	0.490	U				0.490	U					
21-Jul-15		0.370		0.100 <sup>J,A</sup>	U	0.250	U	2.100	U	0.340	U	0.340	U	2.300	U	78.000	U	0.200	U				0.200	U					
Sept-15 resamp		NS		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U				NS	U					
29-Oct-15		0.200	U	0.310	U	0.110 <sup>J</sup>	U	0.280	U	0.200	U	2.100	U	0.220	U	1.400	U	0.200	U				0.200	U					
Dec-15 resamp		NS		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U				NS	U					
27-Jan-16		0.11		0.097	U	0.17	U	0.17	U	0.082	U	0.8	U	0.11	U	0.16	U	0.088	U				0.088	U					
20-Apr-16 <sup>3</sup>		0.35		0.082	U	0.082	U	0.17	U	0.17	U	0.12	U	0.19	U	0.082	U	0.11	U				0.11	U					
20-Jul-16		0.16		0.13	U	0.24	U	0.20	U	0.27	U	0.39	U	0.35	U	3.2	U	0.38	U				0.38	U					
21-Oct-16		0.2		0.32	U	0.14	U	0.45	U	0.58	U	0.28	U	0.11	U	0.99	U	1.1	U				1.1	U					

**Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds  
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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 16m 23			Ambient Outdoor (AOA-1)	AOA-2	AOA-3		
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
Styrene	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		0.140		0.175		0.114		0.139						0.139	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		
	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	U		
	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	U		
	29-Apr-09		0.515		0.085	U	0.136		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	U		
	9-Oct-09		0.838		0.153		0.174		0.174		0.566		0.179		0.140		0.149						0.140	U		
	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		0.085	U	NS						NS	U		
	26-Jan-11		0.327		0.224		0.174		0.217		0.182		0.202		0.145	U	0.182						0.188	U		
	26-Jan-11**		NS		0.510		0.370		NS		NS		NS		0.370		NS						NS	U		
	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	U	0.130	U	0.130	U	0.130	U					0.130	U		
	23-Jan-12		0.820		0.250		0.410		0.480		0.270		0.510		0.150		0.150	U					0.150	U		
	13-Apr-12		0.560		0.140		0.130	U	0.130	U	0.550	U	0.280		0.130	U	0.130	U					0.170	U		
	Jul-12 resamp		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	U		
	1-Nov-12		0.280		0.140		0.085	U	0.130		0.160		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		0.410		0.120		0.085	U	0.140		0.410		0.085	U	0.110		0.085	U					0.085	U		
	9-Jul-13 RIDEEM		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		0.270		0.110		0.340		0.290						0.130	U		
	9-Jan-14		0.260		0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.120		0.085	U					0.085	U		
	24-Apr-14		1.100		0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.160		4.500						0.085	U		
	1-Aug-14		0.880		0.260		0.210		0.560		0.350		0.680		0.430		0.085	U					0.085	U		
Sept-14 resamp		NS		NS		NS		NS		NS		NS		NS		NS						NS	U			
22-Oct-14		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			
20-Jan-15		0.120		0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.130	U	0.230						0.130	U			
Mar-15 resamp		NS		NS		NS		NS		NS		NS		NS		0.098	U					NS	U			
22-Apr-15		0.670		0.220		0.085	U	0.120		0.190		0.085	U	0.200		0.360						0.085	U			
21-Jul-15		0.300		0.200 <sup>A</sup>	U	0.200	U	0.380	U	0.150 <sup>J</sup>	U	0.380	U	0.270		0.200	U					0.200	U			
Sept-15 resamp		NS		NS		NS		NS		NS		NS		0.200	U	NS						NS	U			
29-Oct-15		0.200	U	0.530		0.200	U	0.200	U	0.200	U	0.200	U	0.350		0.200	U					0.300	U			
Dec-15 resamp		NS		0.200	U	NS		NS		NS		NS		NS		NS						NS	U			
27-Jan-16		0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.085	U	0.12		0.085	U					0.085	U			
20-Apr-16 <sup>1</sup>		0.15		0.085	U	0.085	U	0.12		0.085	U	0.085	U	0.085	U	0.085	U					0.085	U			
20-Jul-16		0.36		0.25		0.16		0.22		0.58		0.43		0.40		0.37						0.2	U			
21-Oct-16		0.89		0.15		0.085	U	0.24		0.14		0.11		0.09		0.18						0.37	U			

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			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
1,1,1,2-Tetrachloroethane	8-Feb-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			0.140	U					
	27-Mar-08		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U			0.137	U					
	25-Apr-08		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U			0.137	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			0.140	U					
	27-Jun-08		0.137	U	0.140	U	0.140	U	0.137	U	0.140	U	0.140	U	0.179	U	0.140	U	0.140	U			0.140	U					
	31-Jul-08		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U			0.137	U					
	28-Aug-08		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U			0.137	U					
	30-Sep-08		0.140	U	0.140	U	0.140	U	0.140	U	0.137	U	0.140	U	0.140	U	0.140	U	0.137	U			0.140	U					
	27-Oct-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			0.140	U					
	25-Nov-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			0.140	U					
	18-Dec-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			0.140	U					
	21-Jan-09		0.140	U	0.140	U	5.000	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U			0.140	U					
	25-Feb-09		0.140	U	0.140	U	0.320	U	NS	U	0.140	U	0.140	U	0.140	U	0.140	U	0.140	U			0.140	U					
	26-Mar-09		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U			0.137	U					
	29-Apr-09		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U			0.137	U					
	22-Jul-09		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U			0.137	U					
	9-Oct-09		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U			0.137	U					
	15-Jan-10		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U			0.137	U					
	21-Apr-10		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U			0.137	U					
	16-Jul-10		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U			0.137	U					
	15-Oct-10		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U			0.137	U					
	30-Nov-10		NS	U	0.137	U	0.137	U	NS	U	NS	U	NS	U	0.137	U	NS	U	NS	U			NS	U					
	26-Jan-11		0.234	U	0.233	U	0.234	U	0.234	U	0.234	U	0.233	U	0.233	U	0.234	U	0.233	U	#	U	#	U	0.233	U			
	26-Jan-11**		NS	U		U		U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U			NS	U					
	27-Apr-11	0.082/0.14		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U			0.137	U				
	26-Jul-11			0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U			0.137	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	0.370	U			0.370	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			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	0.370	U			0.370	U				
	Jul-12 resamp			NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	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			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			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			0.250	U				
29-Apr-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			0.250	U					
9-Jul-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			0.250	U					
18-Oct-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			0.250	U					
9-Jan-14			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			0.250	U					
24-Apr-14			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			0.250	U					
1-Aug-14			0.250	U	0.250	U	0.250	U	0.370	U	0.250	U	0.250	U	0.250	U	0.250	U	0.250	U			0.250	U					
Sept-14 resamp			NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U			NS	U					
22-Oct-14			0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U	0.370	U			0.370	U					
20-Jan-15			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			0.250	U					
Mar-15 resamp			NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.290	U			NS	U					
22-Apr-15			0.250	U	0.250 <sup>^</sup>	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					
27-Jan-16			0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U					
20-Apr-16 <sup>3</sup>			0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U					
20-Jul-16			0.30	U	0.39	U	0.27	U	0.31	U	0.30	U	0.29	U	0.33	U	0.28	U	0.28	U			0.37	U					
21-Oct-16			0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U			0.25	U					

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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 166m 23			Ambient Outdoor (AOA-1)		AOA-2	AOA-3					
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual				
1,1,2,2-Tetrachloroethane	8-Feb-08	0.011/0.14	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	U	U	U	0.140	U					
	27-Mar-08		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	U	U	U	0.137	U					
	25-Apr-08		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	U	U	U	0.137	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	U	U	U	0.140	U					
	27-Jun-08		0.140	U	0.140	U	0.140	U	0.140	U	0.137	U	0.140	U	0.140	U	0.992	U	0.140	U	U	U	U	0.140	U					
	31-Jul-08		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	U	U	U	0.137	U					
	28-Aug-08		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	U	U	U	0.137	U					
	30-Sep-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	U	U	U	0.140	U					
	27-Oct-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	U	U	U	0.140	U					
	25-Nov-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	U	U	U	0.140	U					
	18-Dec-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	U	U	U	0.140	U					
	21-Jan-09		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	U	U	U	0.140	U					
	25-Feb-09		0.140	U	0.140	U	0.140	U	0.140	U	NS	U	0.140	U	0.140	U	0.140	U	0.140	U	U	U	U	0.140	U					
	26-Mar-09		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	U	U	U	0.137	U					
	29-Apr-09		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	U	U	U	0.137	U					
	22-Jul-09		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	U	U	U	0.137	U					
	9-Oct-09		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	U	U	U	0.137	U					
	15-Jan-10		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	U	U	U	0.137	U					
	21-Apr-10		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	U	U	U	0.137	U					
	16-Jul-10		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	U	U	U	0.137	U					
	15-Oct-10		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	U	U	U	0.137	U					
	30-Nov-10		NS		0.137	U	0.137	U	0.137	U	NS	U	NS	U	NS	U	0.137	U	NS	U	U	U	U	NS	U					
	26-Jan-11		0.234	U	0.233	U	0.234	U	0.234	U	0.234	U	0.234	U	0.233	U	0.233	U	0.234	U	#	U	#	U	0.233	U				
	26-Jan-11**		NS		0.340	U	0.340	U	0.340	U	NS	U	NS	U	NS	U	0.340	U	NS	U	U	U	U	NS	U					
	27-Apr-11		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	U	U	U	0.137	U					
	26-Jul-11		0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	0.137	U	U	U	U	0.137	U					
	28-Oct-11		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	U	U	U	0.100	U					
	23-Jan-12		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	U	U	U	0.240	U					
	13-Apr-12		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	U	U	U	0.100	U					
	Jul-12 resamp		NS		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.100	U	U	U	U	0.100	U					
	20-Jun-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	U	U	U	0.140	U					
	1-Nov-12		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	U	U	U	0.069	U					
	1-Feb-13		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	U	U	U	0.069	U					
	29-Apr-13		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	U	U	U	0.069	U					
	9-Jul-13		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	U	U	U	0.140	U					
	9-Jul-13 RIDEEM		NS		NS	U	NS	U	NS	U	NS	U	0.093	U	NS	U	NS	U	NS	U	U	U	U	0.093	U		0.14	U	0.14	U
	18-Oct-13		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	U	U	U	0.140	U					
	9-Jan-14		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	U	U	U	0.140	U					
	24-Apr-14		0.069	U	0.069 <sup>L-V</sup>	U	0.069	U	0.069 <sup>L-V</sup>	U	0.069 <sup>L-V</sup>	U	0.069	U	0.069 <sup>L-V</sup>	U	0.069 <sup>L-V</sup>	U	0.069 <sup>L-V</sup>	U	U	U	U	0.069	U					
	1-Aug-14		0.140	U	0.140	U	0.140	U	0.140	U	0.210	U	0.140	U	0.140	U	0.140	U	0.140	U	U	U	U	0.140	U					
Sept-14 resamp	NS		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.069	U	NS	U	U	U	U	NS	U							
22-Oct-14	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	U	U	U	0.100	U							
20-Jan-15	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.100	U	0.069	U	U	U	U	0.100	U							
Mar-15 resamp	NS		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	U	U	U	NS	U							
22-Apr-15	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	U	U	U	0.069	U							
21-Jul-15	0.300	U	0.300 <sup>A</sup>	U	0.300	U	0.300	U	0.400	U	0.400	U	0.400	U	0.400	U	0.300	U	U	U	U	0.300	U							
Sept-15 resamp	NS		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.400	U	NS	U	U	U	U	NS	U							
29-Oct-15	0.400	U	0.400	U	0.400	U	0.400	U	0.400	U	0.400	U	0.400	U	0.300	U	0.300	U	U	U	U	0.400	U							
Dec-15 resamp	NS		0.300	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	U	U	U	NS	U							
27-Jan-16	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	U	U	U	0.069	U							
20-Apr-16 <sup>1</sup>	0.069	U	0.069	U	0.069	U	0.069	U	0.096	U	0.069	U	0.36	U	0.069	U	0.069	U	U	U	U	0.069	U							
20-Jul-16	0.082	U	0.11	U	0.074	U	0.084	U	0.084	U	0.082	U	0.080	U	0.091	U	0.077	U	U	U	U	0.10	U							
21-Oct-16	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	U	U	U	0.069	U							

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			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		
Tetrachloroethene*	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	0.140	U					0.350						
	27-Mar-08 <sup>2</sup>		12.500		6.680		13.300		16.100		26.000		7.730		23.300		4.310		4.310						0.153						
	25-Apr-08		0.180		0.254		0.179		0.282		0.231		0.276		0.228		0.298		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					0.140	U					
	27-Jun-08		0.249		0.449		0.397		0.459		0.424		0.243		0.460		0.246		0.246						0.216	U					
	31-Jul-08		1.030		1.000		0.877		0.880		0.795		0.872		0.252		0.287		0.287						0.154	U					
	28-Aug-08		0.321		0.367		0.283		0.323		0.274		0.434		0.294		0.282		0.282						0.445	U					
	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					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					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					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					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					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					3.400	U					
	26-Mar-09		1.530		1.210		1.170		0.980		1.080		1.320		1.420		1.890		1.890						1.380	U					
	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					0.136	U					
	22-Jul-09		0.291		0.190		0.224		0.196		0.196		0.196		0.183		0.210		0.210						0.535	U					
	9-Oct-09		2.250		1.550		1.580		1.580		1.700		2.080		1.960		1.960		1.960						0.779	U					
	15-Jan-10		0.359		0.346		0.339		0.373		0.312		0.346		0.312		0.312		0.312						2.450	U					
	21-Apr-10		0.637		0.752		0.440		0.650		0.508		0.447		0.407		0.474		0.474						0.562	U					
	16-Jul-10		0.318		0.420		0.420		0.427		0.501		0.230		0.447		0.474		0.474						0.230	U					
	15-Oct-10		0.136	U	0.136	U	0.136	U	0.136	U	0.136	U	0.136	U	0.136	U	0.136	U	0.136	U					0.142	U					
	30-Nov-10		NS		0.461		0.291		NS		NS		NS		0.169		NS		NS						NS	U					
	26-Jan-11		0.636		0.484		0.370		0.566		0.440		0.725		0.346		0.578		0.578		#	#			0.426	U					
	26-Jan-11**		NS		0.580		0.490		NS	U	NS		NS		0.480		NS		NS						NS	U					
	27-Apr-11		0.142		0.176		0.176		0.352		0.176		0.136	U	0.149		0.136		0.136		U				0.285	U					
	26-Jul-11		0.529		0.563		0.522		0.631		0.549		0.325		0.739		0.461		0.461						0.224	U					
	28-Oct-11		0.100	U	0.140		0.100	U	0.100	U	0.100	U	0.110	U	0.100	U	0.100	U	0.100	U					0.068	U					
	23-Jan-12		0.240	U	0.240	U	0.240	U	0.590	U	0.320		0.510		0.280		0.410		0.410						0.260	U					
	13-Apr-12		0.150		0.110		0.120		0.250		0.150		0.160		0.190		0.190		0.190						0.140	U					
	Jul-12 resamp		NS		NS		NS		NS		NS		NS		NS		0.190		0.190						0.130	U					
	20-Jun-12		0.390		0.800		0.310		0.370		0.390		0.400		0.410		0.440		0.440						0.240	U					
	1-Nov-12		0.360		0.460		0.400		0.730		0.470		0.770		0.600		0.560		0.560						0.120	U					
	1-Feb-13		0.130		0.095		0.073		0.120		0.090		0.210		0.440		0.092		0.140						0.140	U					
	29-Apr-13		0.610		0.560		0.560		0.630		0.880		0.046		0.650		0.580		0.320						0.320	U					
	9-Jul-13		0.270		0.240		0.230		0.260		0.250		0.320		0.440		0.280		0.280						0.280	U					
	9-Jul-13 RIDEM		NS		NS		NS		NS		0.279		NS		NS		NS		NS						0.281	U					
	18-Oct-13		0.140	U	0.140	U	0.150		0.140		0.180		0.210		0.170		0.180		0.180						0.140	U					
	9-Jan-14		0.140		0.190		0.140		0.160	U	0.190		0.190		0.160		0.520		0.190						0.190	U					
	24-Apr-14		0.068	U	0.068	U	0.068	U	0.068	U	0.140	U	0.068	U	0.068	U	0.140	U	0.068	U					0.068	U					
	1-Aug-14		0.590		0.510		0.240		0.970		3.800		0.360		10.000/14.000		0.810		15.000						0.068	U					
Sept-14 resamp		NS		NS		NS		NS		NS		NS		0.084		NS		NS						NS	U						
22-Oct-14		0.420		0.360		0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U	0.100	U					0.500	U						
20-Jan-15		0.068	U	0.160		0.150		0.170		0.068	U	0.280	U	0.100	U	4.200		0.100	U					0.100	U						
Mar-15 resamp		NS		NS		NS		NS		NS		NS		NS		NS		NS						NS	U						
22-Apr-15		0.620		0.790		1.300		1.200		2.000		0.790		1.500		1.300		1.300						0.190	U						
21-Jul-15		1.300		0.410 <sup>A</sup>		2.700		0.350 <sup>J</sup>		0.390		0.390		26.000		0.740		0.740						0.350 <sup>J</sup>	U						
Sept-15 resamp		NS		NS		NS		NS		NS		NS		0.400	U	NS		NS						NS	U						
29-Oct-15		0.400	U	0.240 <sup>J</sup>		0.400	U	0.400	U	0.400	U	0.400	U	0.300	U	0.180 <sup>J</sup>		0.400						0.400	U						
Dec-15 resamp		NS		0.300	U	NS		NS		NS		NS		NS		NS		NS						NS	U						
27-Jan-16		0.17		0.9		0.16		0.14		0.095		0.2		0.16		0.18		0.18						0.17	U						
20-Apr-16 <sup>3</sup>		0.16		0.068	U	0.068	U	0.09	U	0.084	U	0.068	U	0.068	U	0.071		0.071						0.068	U						
20-Jul-16		0.081		0.11	U	0.074	U	0.083	U	0.081	U	0.079	U	0.089	U	0.076		0.076						0.10	U						
21-Oct-16		0.59		0.89		0.3		0.72		1.4		0.46		0.21		0.46		0.46						0.75	U						

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			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
Toluene	8-Feb-08	210.0	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						4.040							
	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		1.060		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		2.500	U	1.900		2.500	U	1.900		1.900	U	2.300						1.900							
	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		2.000	U	1.900		1.900	U	1.900		1.900	U	1.900				1.900							
	18-Dec-08		1.900	U	1.900		1.900	U	1.900		1.900	U	1.900		1.900	U	1.900		1.900				1.900							
	21-Jan-09		1.900	U	1.900		1.900	U	1.900		1.900	U	1.900		1.900	U	1.900		1.900				1.900							
	25-Feb-09		1.900	U	1.900		1.900	U	NS		NS		1.900	U	1.900	U	1.900		1.900				1.900							
	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		0.704	U	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	#	#				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							
	Jul-12 resamp		NS		NS		NS		NS		NS		NS		NS		0.550						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		2.300		1.200						0.660							
	9-Jan-14		12.000		15.000		0.840		0.990		0.830		0.870		1.200		1.100						0.810							
	24-Apr-14		0.770		0.340		0.360		0.330		0.280		0.320		0.590		0.770						0.280							
	1-Aug-14		2.000		1.600		2.800		4.400		9.900		4.200		4.600/5.300		3.500						0.650							
	Sept-14 resamp		NS		NS		NS		NS		NS		NS		0.930		NS						NS							
22-Oct-14	1.000		0.820		0.650		0.420		1.400		0.800		0.620		0.710						1.200									
20-Jan-15	0.890		0.880		0.780		1.100		0.890		1.100		3.500		0.970						1.500									
Mar-15 resamp	NS		NS		NS		NS		NS		NS		NS		0.840						NS									
22-Apr-15	4.500		4.100		4.300		3.900		5.200		3.100		4.300		4.400						1.400									
21-Jul-15	6.100		2.400 <sup>A</sup>		2.700		2.200		2.500		2.700		2.400		2.200						1.600									
Sept-15 resamp	NS		NS		NS		NS		NS		NS		1.100		NS						NS									
29-Oct-15	0.470		11.000		0.760		0.590		0.420		0.670		3.400		0.620						0.220 <sup>J</sup>									
Dec-15 resamp	NS		0.540		NS		NS		NS		NS		NS		NS						NS									
27-Jan-16	1.3		0.65		0.7		0.66		0.83		0.92		1.1	U	1.2						0.8									
20-Apr-16 <sup>3</sup>	0.63		0.26		0.2		0.27		0.44		0.27		0.24		0.25						0.21									
20-Jul-16	0.97		0.76		0.35		0.95		1.8		1.4		1.5		1.1						0.57									
21-Oct-16	2.7		3.5		0.94		3.8		1.8		2.0		0.92		2.1						16									

**Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds  
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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 203			Ambient Outdoor (AOA-1)	AOA-2	AOA-3				
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual			
1,1,1-Trichloroethane*	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				
	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				
	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				
	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				
	27-Jun-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				
	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				
	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				
	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				
	27-Oct-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				
	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				
	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				
	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				
	25-Feb-09		2.700	U	2.700	U	2.700	U	NS	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				
	29-Apr-09		0.120	U	0.109	U	0.109	U	0.109	U	0.109	U	0.109	U	0.153	U	0.229	U					0.174	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				
	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				
	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				
	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				
	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				
	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				
	30-Nov-10		NS	U	0.109	U	0.109	U	NS	U	NS	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	0.180	U	0.185	U	0.185	U					0.186	U	#	U	#	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				
	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				
	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				
	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				
	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				
	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				
	Jul-12 resamp		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				
	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				
	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				
	29-Apr-13		0.110	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				
	9-Jul-13 RIDEM		NS	U	NS	U	NS	U	NS	U	0.041	J	NS	U	NS	U	NS	U					0.034	J				
	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				
	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		0.055	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				
Sept-14 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	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					
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					0.270	U					
Mar-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U					0.063	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					
21-Jul-15		0.300	U	0.300 <sup>A</sup>	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U					0.300	U					
Sept-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	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					
Dec-15 resamp		NS	U	0.300	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U					NS	U					
27-Jan-16		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					
20-Apr-16 <sup>3</sup>		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					
20-Jul-16		0.065	U	0.065	U	0.059	U	0.059	U	0.067	U	0.065	U	0.064	U	0.072	U					0.061	U					
21-Oct-16		0.055	U	0.055	U	0.083	U	0.055	U	0.059	U	0.057	U	0.055	U	0.055	U					0.087	U					

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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)	AOA-2	AOA-3		
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
1,1,2-Trichloroethane	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			
	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			
	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			
	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			
	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				0.110	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	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			
	30-Nov-10		NS	U	0.109	U	0.109	U	NS	U	NS	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	#	U	#	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			
	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			
	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			
	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			
	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			
	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			
	Jul-12 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.082	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			
	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			
	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			
	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			
	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			
	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			
	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		0.055	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			
	Sept-14 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.055	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				
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				
Mar-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U	0.063	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				
21-Jul-15		0.300	U	0.300 <sup>^</sup>	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U	0.300	U				0.300	U				
Sept-15 resamp		NS	U	NS	U	NS	U	NS	U	NS	U	NS	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				
Dec-15 resamp		NS	U	0.300	U	NS	U	NS	U	NS	U	NS	U	NS	U	NS	U				NS	U				
27-Jan-16		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				
20-Apr-16 <sup>3</sup>		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				
20-Jul-16		0.065	U	0.085	U	0.059	U	0.067	U	0.065	U	0.064	U	0.072	U	0.061	U				0.081	U				
21-Oct-16		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				

**Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds  
February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 203			Ambient Outdoor (AOA-1)		AOA-2		AOA-3			
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
Trichloroethene*	8-Feb-08		0.110		0.120		0.110	U	0.107	U	0.110	U	0.110	U	0.350	U	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						0.170	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	U	0.110	U					0.110	U					
	27-Jun-08		0.110	U	0.110	U	0.110	U	0.107	U	0.110	U	0.107	U	0.143	U	0.195	U					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	0.107	U	0.146	U	0.134	U	0.110	U					0.838	U					
	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					0.110	U					
	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		0.193		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	U	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	U	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						0.767						
	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	U	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	U	0.081	U	0.081	U	0.081	U					0.110	U					
	Jul-12 resamp		NS		NS		NS		NS		NS		NS		NS		0.081	U					0.081	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					
	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	U					
	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	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					
	24-Apr-14		0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.110	U					0.054	U					
	1-Aug-14		0.110	U	0.110	U	0.110	U	0.170	U	1.700		0.110	U	0.270	U	0.140	U					1.100						
Sept-14 resamp		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	U						
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	U					0.081	U						
Mar-15 resamp		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 <sup>J,A</sup>		0.260 <sup>J</sup>		0.240 <sup>J</sup>		0.300	U	0.200 <sup>J</sup>		0.190 <sup>J</sup>		0.300	U					0.300	U						
Sept-15 resamp		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 <sup>J</sup>		0.300	U	0.290	U	0.200	U					0.300	U						
Dec-15 resamp		NS		0.300	U	NS		NS		NS		NS		NS		NS						NS							
27-Jan-16		0.054	U	0.054	U	0.054	U	0.054	U	0.054	U	0.071	U	0.054	U	0.054	U					0.054	U						
20-Apr-16 <sup>3</sup>		0.11		0.054	U	0.054	U	0.097	U	0.06		0.077	U	0.077	U	0.064	U					0.075	U						
20-Jul-16		0.24		0.17		0.058	U	0.066	U	0.077	U	0.086	U	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	U					0.088	U						



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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)			AOA-2	AOA-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	
1,2,4-Trimethylbenzene	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		1.390		0.828		0.989						0.989				
	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	U	2.500	U	2.500	U	9.300	U					2.500	U			
	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			
	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			
	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			
	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			
	25-Feb-09		2.500	U	2.500	U	3.900	U	NS	U	2.500	U	2.500	U	2.500	U	2.500	U					2.500	U			
	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		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		0.643		0.459		0.643		0.570		0.427		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	U	0.098	U					0.098	U			
	30-Nov-10		NS		0.334		0.560		NS		NS		NS		0.098		NS						NS				
	26-Jan-11		1.010		1.120		1.100		1.200		0.780		0.917		0.868		1.030				#	#	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				
	Jul-12 resamp		NS		NS		NS		NS		NS		NS		NS		0.150		U				0.150	U			
	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		0.480		0.410		0.280		0.340		0.440		0.230		0.300		0.240						0.190				
	9-Jul-13 RIDEEM		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				
	9-Jan-14		4.500		8.900		0.220		0.180		0.180		0.180		0.290		0.240						0.120				
	24-Apr-14		0.120		0.098	U	0.210		0.098	U	0.098	U	0.098	U	0.098	U	0.130						0.098	U			
	1-Aug-14		0.320		0.270		0.630		1.300		1.500		0.220		1.100		1.200						1.200				
Sept-14 resamp		NS		NS		NS		NS		NS		NS		0.120		NS						NS					
22-Oct-14		0.150	U	0.170		0.160		0.150	U	0.150		0.150	U	0.160		0.150		U				0.160					
20-Jan-15		0.150		0.560		0.098	U	0.160		0.098	U	0.370		0.170		0.490						0.150	U				
Mar-15 resamp		NS		NS		NS		NS		NS		NS		NS		0.160						NS					
22-Apr-15		0.380		0.510		0.570		0.450		0.630		0.350		0.480		0.510						0.190					
21-Jul-15		0.750		0.360 <sup>A</sup>		0.250		0.190 <sup>J</sup>		0.200 <sup>J</sup>		0.290		0.180 <sup>J</sup>		0.150 <sup>J</sup>						0.300	U				
Sept-15 resamp		NS		NS		NS		NS		NS		NS		0.300	U	NS						NS					
29-Oct-15		0.300	U	0.780		0.420		0.160 <sup>J</sup>		0.300	U	0.180 <sup>J</sup>		0.410		0.320						0.300	U				
Dec-15 resamp		NS		0.200	U	NS		NS		NS		NS		NS	U	NS						NS					
27-Jan-16		0.098	U	0.098	U	0.21		0.098	U	0.098	U	0.15		0.37		0.2						0.11					
20-Apr-16 <sup>3</sup>		0.1		0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U					0.098	U				
20-Jul-16		0.67		0.77		0.6		0.69		0.72		0.75		0.74		0.68						0.6					
21-Oct-16		0.48		0.58		0.25		1		0.34		0.36		0.21		0.43						2.6					

**Summary of Indoor and Ambient Outdoor Air Sampling Data - Alvarez School - Volatile Organic Compounds  
February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)	AOA-2	AOA-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual	Qual	Qual	Qual	Qual	Qual	
1,3,5-Trimethylbenzene	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		
	27-Mar-08		0.535		0.652		1.620		1.530		0.292		0.438		0.256		0.334		0.256			0.334	U		
	25-Apr-08		0.367		0.816		7.170		8.002		0.342		0.293		0.375		0.280		0.280			0.098	U		
	29-May-08		0.170		0.220		4.710		4.050		0.140		0.640		0.470		0.100	U	0.100	U		0.100	U		
	27-Jun-08		0.942		0.232		1.100		1.580		0.385		0.102		0.387		0.100	U	0.100	U		0.098	U		
	31-Jul-08		1.040		0.782		0.671		1.360		0.570		1.190		0.098	U	0.098	U	0.098	U		0.098	U		
	28-Aug-08		0.170		0.732		1.950		2.990		0.270		0.181		0.181		0.155		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	9.300	U	2.500	U		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		0.198			0.238	U		
	29-Apr-09		0.098	U	0.192		0.678		0.629		0.098		0.098	U	0.098	U	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			0.241	U		
	9-Oct-09		0.550		0.452		0.476		0.599		0.255		0.265		0.221		0.241		0.241			0.226	U		
	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		0.177			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		0.098		0.123	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U		0.098	U		
	30-Nov-10		NS		0.133		0.177		NS		NS		NS		0.098	U	NS		NS			NS	U		
	26-Jan-11		0.293		0.326		0.360		0.410		0.260		0.267		0.292		0.302	#	0.302	#	U	0.342	U		
	26-Jan-11**		NS		0.590		0.700		NS		NS		NS		0.630		NS		NS			NS	U		
	27-Apr-11		0.098	U	0.128		0.820		0.113		0.098	U	0.098	U	0.098	U	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	U	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		0.150	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		0.150	U		
	Jul-12 resamp		NS		NS		NS		NS		NS		NS		NS		0.150	U	0.150	U		0.150	U		
	20-Jun-12		0.180		0.450		0.340		0.250		0.220		0.150		0.140		0.200		0.200			0.110	U		
	1-Nov-12		0.220		0.140		0.098	U	0.120		0.140		0.190		0.220		0.170		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		0.180		0.150		0.098	U	0.110		0.160		0.098	U	0.098	U	0.098	U	0.098	U		0.098	U	0.098	U
	9-Jul-13 RIDEM		NS		NS		NS		NS		NS		NS		NS		NS		NS			NS	J	0.098	U
	18-Oct-13		0.170		0.098	U	0.098	U	0.180		0.290		0.098	U	0.420		0.280		0.280			0.180	U		
	9-Jan-14		1.100		2.100		0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U	0.098	U		0.098	U		
	24-Apr-14		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		
	1-Aug-14		0.130		0.120		0.290		0.290		0.310		0.098	U	0.290		0.280		0.280			0.230	U		
Sept-14 resamp		NS		NS		NS		NS		NS		NS		0.098	U	NS		NS			NS	U			
22-Oct-14		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		0.150	U			
20-Jan-15		0.098	U	0.110		0.098	U	0.098	U	0.098	U	0.098	U	0.150	U	0.098	U	0.098	U		0.150	U			
Mar-15 resamp		NS		NS		NS		NS		NS		NS		NS		0.110	U	0.110	U		NS	U			
22-Apr-15		0.130		0.150		0.170		0.140		0.190		0.100		0.160		0.140		0.140			0.098	U			
21-Jul-15		0.230 <sup>J</sup>		0.200 <sup>A</sup>	U	0.200	U	0.300	U	0.300	U	0.300	U	0.300	U	0.200	U	0.200	U		0.300	U			
Sept-15 resamp		NS		NS		NS		NS		NS		NS		0.300	U	NS		NS			NS	U			
29-Oct-15		0.300	U	0.220 <sup>J</sup>		0.200 <sup>J</sup>		0.300	U	0.300	U	0.300	U	0.200	U	0.200	U	0.200	U		0.300	U			
Dec-15 resamp		NS		0.200	U	NS		NS		NS		NS		NS		NS		NS			NS	U			
27-Jan-16		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			
20-Apr-16 <sup>1</sup>		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			
20-Jul-16		0.21		0.25		0.20		0.23		0.24		0.24		0.24		0.23		0.23			0.15	U			
21-Oct-16		0.13		0.16		0.10	U	0.18		0.098	U	0.098	U	0.098	U	0.098	U	0.098	U		0.71	U			

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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 206m 23			Ambient Outdoor (AOA-1)		AOA-2		AOA-3		
			Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual																
			U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
	8-Feb-08		0.050	U			0.050	U																				
	27-Mar-08		0.051	U	0.050	U			0.051	U																		
	25-Apr-08		0.051	U			0.051	U																				
	29-May-08		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				
	31-Jul-08		0.050	U	0.050	U	0.051	U			0.051	U																
	28-Aug-08		0.051	U			0.051	U																				
	30-Sep-08		0.100	U	0.100	U	0.130	U	0.100	U			0.100	U														
	27-Oct-08		0.100	U			0.100	U																				
	25-Nov-08		0.100	U			0.100	U																				
	18-Dec-08		0.100	U			0.100	U																				
	21-Jan-09		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												
	26-Mar-09		0.051	U			0.051	U																				
	29-Apr-09		0.051	U	0.051	U	1.080	U	0.051	U			0.051	U														
	22-Jul-09		0.051	U			0.051	U																				
	9-Oct-09		0.051	U			0.051	U																				
	15-Jan-10		0.051	U			0.051	U																				
	21-Apr-10		0.051	U			0.051	U																				
	16-Jul-10		0.051	U			0.051	U																				
	15-Oct-10		0.051	U			0.051	U																				
	30-Nov-10		NS	U	0.051	U	0.051	U	NS	U	NS	U	NS	U	0.051	U	NS	U	NS	U			NS	U				
	26-Jan-11		0.087	U	#	U	0.087	U																				
	26-Jan-11**		NS	U	0.130	U	0.130	U	NS	U	NS	U	NS	U	0.130	U	NS	U	NS	U	#	U	NS	U				
	27-Apr-11		0.051	U			0.051	U																				
	26-Jul-11		0.051	U			0.051	U																				
	28-Oct-11		0.038	U			0.038	U																				
	23-Jan-12	0.1	0.090	U			0.090	U																				
	13-Apr-12		0.038	U			0.038	U																				
	Jul-12 resamp		NS	U	0.038	U			0.038	U																		
	20-Jun-12		0.051	U			0.051	U																				
	1-Nov-12		0.026	U			0.026	U																				
	1-Feb-13		0.026	U	0.051	U	0.026	U			0.026	U																
	29-Apr-13		0.026	U			0.026	U																				
	9-Jul-13		0.026	U			0.026	U																				
	9-Jul-13 RIDEM		NS	U	NS	U	NS	U	NS	U	NS	J	NS	U	NS	U	NS	U	NS	U			NS	J				
	18-Oct-13		0.051	U	0.053	U			0.051	U																		
	9-Jan-14		0.051	U			0.051	U																				
	24-Apr-14		0.026	U	0.280	U			0.026	U																		
	1-Aug-14		0.051	U	0.051	U	0.051	U	0.077	U	0.051	U			0.051	U												
	Sept-14 resamp		NS	U			NS	U																				
	22-Oct-14		0.038	U			0.038	U																				
	20-Jan-15		0.026 <sup>L</sup>	U	0.038 <sup>L</sup>	U	0.026 <sup>L</sup>	U			0.038 <sup>L</sup>	U																
	Mar-15 resamp		NS	U			NS	U																				
	22-Apr-15		0.026	U	0.026	U	0.026 <sup>V</sup>	U	0.026	U			0.026	U														
	21-Jul-15		0.100	U	0.100 <sup>A</sup>	U	0.100	U	0.200	U	0.100	U			0.100	U												
	Sept-15 resamp		NS	U			NS	U																				
	29-Oct-15		0.100	U			0.200	U																				
	Dec-15 resamp		NS	U			NS	U																				
	27-Jan-16		0.026	U			0.026	U																				
	20-Apr-16 <sup>3</sup>		0.026	U			0.026	U																				
	20-Jul-16		0.030 <sup>VL</sup>	U	0.040 <sup>VL</sup>	U	0.026 <sup>VL</sup>	U	0.031 <sup>VL</sup>	U	0.031 <sup>VL</sup>	U	0.030 <sup>VL</sup>	U	0.034 <sup>VL</sup>	U	0.029 <sup>VL</sup>	U	0.029 <sup>VL</sup>	U			0.038 <sup>VL</sup>	U				
	21-Oct-16		0.026	U			0.026	U																				

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Volatile Organic Compounds via TO-15	Sample Date	CT Draft Proposed Indoor Residential Target Air Concentrations/ Interim RIDEEM-Approved Action Level	Kitchen Storage Rm		Cafeteria		Gymnasium		Elevator Hallway		Room 118		Room 110		Media Cntr (Rm 145)		Room 152		Room 161m 23			Ambient Outdoor (AOA-1)	AOA-2	AOA-3	
			Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual		Qual	Qual	Qual	Qual	Qual	Qual	
	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						1.910		
	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	U	
	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	U					4.300	U	
	27-Oct-08		4.300	U	4.300	U	4.300	U	5.000	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	
	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	
	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	
	25-Feb-09		4.300	U	4.300	U	15.000	U	NS	U	4.300	U	4.300	U	4.300	U	4.300	U					4.300	U	
	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		0.477		0.308		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	U	
	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		#	#			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	U	
	Jul-12 resamp		NS		NS		NS		NS		NS		NS		NS		0.260		U				0.260	U	
	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		2.400		1.200						1.200		
	9-Jul-13		0.910		0.850		0.810		0.890		0.830		0.770		0.860		0.820						0.650		
	9-Jul-13 RIDEEM		NS		NS		NS		NS		0.929		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		15.000		0.380		0.400		0.420		0.360		0.820		0.430						0.330		
	24-Apr-14		0.220		0.170	U	0.250		0.170	U	0.170	U	0.170	U	0.260		0.280						0.170	U	
	1-Aug-14		0.470		0.410		0.980		1.200		1.300		0.550		1.700		1.400						0.990		
	Sept-14 resamp		NS		NS		NS		NS		NS		NS		0.330		NS						NS		
	22-Oct-14		0.590		0.420		0.310		0.260	U	0.330		0.270		0.300		0.380						0.690		
	20-Jan-15		0.390		0.440		0.360		0.530		0.400		0.550		0.720		0.770						0.800		
	Mar-15 resamp		NS		NS		NS		NS		NS		NS		NS		NS						NS		
	22-Apr-15		1.800		1.900		1.800		1.600		2.300		1.400		1.900		1.800						0.560		
	21-Jul-15		1.800		0.720 <sup>A</sup>		0.770		0.800		0.740		0.750		0.720		0.620						0.170 <sup>J</sup>		
	Sept-15 resamp		NS		NS		NS		NS		NS		NS		0.150 <sup>J</sup>		NS						NS		
	29-Oct-15		0.500	U	1.900		3.600		0.470 <sup>J</sup>		0.500	U	0.480		0.990		0.320 <sup>J</sup>						0.500	U	
	Dec-15 resamp		NS		0.400	U	NS		NS		NS	U	NS		NS	U	NS						NS		
	27-Jan-16		0.75		0.24		0.31		0.25		0.22		0.38		0.55		0.46						0.26		
	20-Apr-16 <sup>3</sup>		0.26		0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.17	U					0.17	U	
	20-Jul-16		1.5		1.3		1.9		1.8		0.85		1.4		1.6		1						0.29		
	21-Oct-16		1.4		1.9		1.1		2		0.93		0.98		0.44		0.98						8.3		



## APPENDIX C

### Subslab Vapor Analytical Summary

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**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	17.2		NS		NS		NS		4.75	U	NS		NS		NS		5.62		11.4		NS	
	27-Mar-08	NS		28.7		NS		NS		NS		NS		NS		NS		NS		217		12.4	
	25-Apr-08	NS		NS		188		NS		NS		NS		513		NS		34		NS		33.9	
	29-May-08	NS		NS		NS		40.9		NS		NS		NS		92		9.82		NS		16.4	
	27-Jun-08	107		NS		NS		NS		145		NS		NS		NS		NS		20.4		9.73	
	31-Jul-08	NS		101		NS		NS		NS		NS		NS		NS		14.4		NS		18.1	
	28-Aug-08	NS		NS		1130		NS		NS		NS		30.9		NS		46		47.8		NS	
	30-Sep-08	NS		NS		NS		32.8		NS		NS		NS		44.1		NS		9.4		12.8	
	27-Oct-08	19.6		NS		NS		NS		15		NS		NS		NS		17.9		NS		33.3	
	25-Nov-08	NS		148		NS		NS		NS		183		NS		NS		13		24.7		NS	
	18-Dec-08	NS		NS		856		NS		NS		NS		10.4		NS		NS		37.2		22	
	21-Jan-09	NS		NS		NS		19.1		NS		NS		NS		6.1		2.4	U	NS		4.8	
	25-Feb-09	28.6		NS		NS		NS		60.9		NS		NS		NS		9.5		8.3		NS	
	26-Mar-09	NS		102		NS		NS		NS		47.5	U	NS		NS		NS		50.6		64.8	
	29-Apr-09	NS		NS		1980		NS		NS		NS		23.3		NS		5.15		NS		22.1	
	22-Jul-09	58.5		NS		58.5		148		NS		87.8		NS		NS		96		88.1		NS	
	9-Oct-09	NS		25.7		NS		NS		49.7		NS		9.2		11100		6.51		NS		16.8	
	15-Jan-10	33.6		NS		90.9		22.8		NS		26.3		NS		NS		12.5		NS		NS	
	21-Apr-10	NS		21.9		NS		NS		206		NS		263		2870		72.8		NS		73.4	
	16-Jul-10	654		NS		4800		202		NS		11400		NS		NS		8.34		NS		NS	
	15-Oct-10	NS		11.3		NS		NS		26		NS		10.2		18.3		7.03		NS		21.2	
	26-Jan-11	114		26.8		NS		54.4		NS		34.4		NS		35.4		25.3		33.3		NS	
	28-Feb-11	NS		NS		80.8		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		106		NS		NS		255		NS		220		227		17.8		NS		58.2	
	26-Jul-11	76.2		NS		120		154	E	NS		2730		NS		NS		12.8		23.8		NS	
	28-Oct-11	NS		48	U	NS		NS		48		NS		48	U	NS		51		NS		48	U
Acetone	23-Jan-12	37		NS		36		19		NS		28		NS		NS		38		29		NS	
	13-Apr-12	NS		32		NS		NS		70		NS		32		83		54		NS		43	
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	U	NS	
	23-Jun-12	21		NS		30		370		NS		1600		NS		NS		43		21		NS	
	1-Nov-12	NS		41		NS		NS		52		NS		75		44		35		NS		43	
	1-Feb-13	17		NS		12		25		NS		36		NS		NS		16		12		NS	
	29-Apr-13	NS		45		NS		NS		100		NS		68		62		33		NS		43	
	9-Jul-13	100		NS		170		130		NS		260		NS		NS		80		15		NS	
	18-Oct-13	NS		43		NS		NS		61		NS		47		57		48		NS		42	
	9-Jan-14	250		NS		16		25		NS		11		NS		NS		24		33		NS	
	24-Apr-14	NS		18		NS		NS		13		NS		41		15		42		24		30	
	1-Aug-14	31 <sup>M</sup>		NS		110/99 <sup>M</sup>	E	110/100 <sup>M</sup>	E	NS		NS		NS		NS		31 <sup>M</sup>		57/50 <sup>M</sup>	E	NS	
	27-Aug-14	NS		NS		NS		NS		NS		210 <sup>E</sup> /130		NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		15		NS		NS		NS	
	22-Oct-14	NS		31		NS		NS		14		5.3		17		3.8		40		19		NS	
	20-Jan-15	14		NS		23		23		NS		16		NS		NS		39		72		NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		45		NS	
	22-Apr-15	NS		87 <sup>V</sup>		NS		NS		1.9 <sup>V</sup>	U	NS		43		55 <sup>L</sup> /68		42		NS		49	
	21-Jul-15	12		NS		22		20		NS		9.2		NS		NS		42 <sup>O</sup>		11 <sup>O</sup>		NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		5.0		NS		NS		NS	
	29-Oct-15	NS		4.5		NS		NS		20		NS		11		9.2		11		NS		22	
	4-Dec-15 resample	NS		1.9		NS		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Jan-16	8.4		NS		9.2		7.2		NS		8.6		NS		NS		49		22		NS	
	20-Apr-16	NS		7.3		NS		NS		8.4		NS		11		11		35		NS		21	
	20-Jul-16	37		NS		56		44		NS		35		NS		NS		70		51		NS	
	21-Oct-16	NS		17		NS		NS		25		NS		22		12		29		NS		52	

**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	1.08		NS		NS		NS		1.08	U	NS		NS		NS		1.08	U	1.08	U	NS	
	27-Mar-08	NS	U	1.08	U	NS		NS		NS		NS		NS		NS		NS		1.08	U	1.08	U
	25-Apr-08	NS		NS		1.08	U	NS		NS		NS		1.08	U	NS		1.08	U	NS		1.08	U
	29-May-08	NS		NS		NS		1.08	U	NS		NS		NS		1.08	U	1.08	U	NS		1.08	U
	27-Jun-08	1.69	U	NS		NS		NS		1.08	U	NS		NS		NS		NS		1.08	U	1.08	U
	31-Jul-08	NS		1.08	U	NS		NS		NS		NS		NS		NS		1.08	U	NS		1.08	U
	28-Aug-08	NS		NS		1.08	U	NS		NS		NS		1.08	U	NS		1.08	U	1.08	U	NS	
	30-Sep-08	NS		NS		NS		2.2	U	NS		NS		NS		2.2	U	NS		2.2		2.2	U
	27-Oct-08	2.2	U	NS		NS		NS		2.2	U	NS		NS		NS		2.2	U	NS		2.2	U
	25-Nov-08	NS		2.2	U	NS		NS		NS		2.2	U	NS		NS		2.2	U	2.2	U	NS	
	18-Dec-08	NS		NS		2.2	U	NS		NS		NS		2.2	U	NS		NS		2.2	U	2.2	U
	21-Jan-09	NS		NS		NS		2.2	U	NS		NS		NS		2.2	U	NS		2.2	U	NS	
	25-Feb-09	2.2	U	NS		NS		NS		2.2	U	NS		NS		NS		2.2	U	2.2	U	NS	
	26-Mar-09	NS		5.42	U	NS		NS		NS		10.8	U	NS		NS		NS		1.08	U	1.08	U
	29-Apr-09	NS		NS		1.08	U	NS		NS		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		5.42	U	NS		NS		1.08	U	1.08	U	NS	
	9-Oct-09	NS		0.051	U	NS		NS		1.08	U	NS		1.08	U	226	U	1.08	U	NS		1.08	U
	15-Jan-10	1.08	U	NS		NS		1.08	U	NS		1.08	U	NS		NS		1.08	U	1.08	U	NS	
	21-Apr-10	NS		1.08	U	NS		NS		5.42	U	NS		5.42	U	5.42	U	1.08	U	NS		1.08	U
	16-Jul-10	1.08	U	NS		1.08	U	1.08	U	NS		8.19	U	NS		NS		1.08	U	1.08	U	NS	
	15-Oct-10	NS		0.108	U	NS		NS		1.08	U	NS		1.08	U	1.08	U	1.08	U	NS		1.08	U
	26-Jan-11	10.8	U	1.08	U	NS		1.08	U	NS		5.42	U	NS		5.42	U	5.42	U	5.42	U	NS	
	28-Feb-11	NS		NS		10.8	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		1.08	U	NS		NS		1.08	U	NS		1.08	U	1.08	U	1.08	U	NS		1.08	U
	26-Jul-11	3.62	U	NS		3.62	U	1.08	U	NS		5.42	U	NS		NS		1.08	U	5.42	U	NS	
	28-Oct-11	NS		6.2	U	NS		NS		6.2	U	NS		6.2	U	6.2	U	6.2	U	NS		6.2	U
	23-Jan-12	1.2	U	NS		1.2	U	1.2	U	NS		1.2	U	NS		NS		1.2	U	1.2	U	NS	
	13-Apr-12	NS		1.2	U	NS		NS		1.2	U	NS		1.2	U	1.2	U	1.2	U	NS		1.2	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		6.2	U	NS	
	23-Jun-12	1.2	U	NS		1.2	U	1.2	U	NS		1.2	U	NS		NS		1.2	U	1.2	U	NS	
	1-Nov-12	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U
	1-Feb-13	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.25	U	0.25	U	NS	
	29-Apr-13	NS		0.62	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U
	9-Jul-13	0.37	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		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	NS		0.25	U
	9-Jan-14	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		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	0.37	U
	1-Aug-14	0.25	U	NS		0.37	U	0.37	U	NS		NS		NS		NS		0.25	U	0.25	U	NS	
	27-Aug-14	NS		NS		NS		NS		NS		0.25	U	NS									
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.37 <sup>L</sup>	U	NS		NS		NS	
	22-Oct-14	NS		0.37 <sup>L</sup>	U	NS		NS		0.37 <sup>L</sup>	U	0.50 <sup>L</sup>	U	NS									
	20-Jan-15	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.37	U	0.25	U	NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.28	U	NS	
	22-Apr-15	NS		0.26 <sup>L</sup>	U	NS		NS		0.25 <sup>L</sup>	U	NS		0.25 <sup>L</sup>	U	0.50	U	0.25 <sup>L</sup>	U	NS		0.29 <sup>L</sup>	U
	21-Jul-15	0.1	U	NS		0.4	U	2	U	NS		0.1	U	NS		NS		0.1 <sup>O</sup>	U	0.1 <sup>O</sup>	U	NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.1	U	NS		NS		NS	
	29-Oct-15	NS		0.1	U	NS		NS		0.1	U	NS		0.2	U	0.1	U	0.1	U	NS		0.1	U
	4-Dec-15 resample	NS		0.1	U	NS		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	NS		NS		0.25	U	0.25	U	NS	
	20-Apr-16	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U
	20-Jul-16	1.3	U	NS		1.3	M, W	1.3	U	NS		1.3	U	NS		NS		1.3	U	1.3	U	NS	
	21-Oct-16	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U

Summary of Subslab Air Sampling Data  
 Alvarez School  
 Volatile Organic Compounds  
 February 2008 - October 2016

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual	
Benzene	8-Feb-08	0.92		NS		NS		NS		0.98		NS		NS		NS		0.54		0.85		NS		
	27-Mar-08	NS		0.54		NS		NS		NS		0.462		NS		NS		NS		0.788		0.635		
	25-Apr-08	NS		NS		0.584		NS		NS		NS		0.745		NS		0.428		NS		0.536		
	29-May-08	NS		NS		NS		0.73		NS		NS		NS		1.03		1.12		0.61		NS		
	27-Jun-08	0.626		NS		NS		NS		0.468		NS		NS		NS		NS		0.499		0.399		
	31-Jul-08	NS		0.418		NS		NS		NS		NS		NS		NS		0.358		NS		0.265		
	28-Aug-08	NS		NS		1.02		NS		NS		NS		0.537		NS		0.815		0.692		NS		
	30-Sep-08	NS		NS		NS		1.6	U	NS		NS		NS		1.6	U	NS		1.6	U	1.6	U	
	27-Oct-08	1.6	U	NS		NS		NS		1.6	U	NS		NS		NS		1.6	U	NS		1.6	U	
	25-Nov-08	NS		1.6	U	NS		NS		NS		1.6	U	NS		NS		1.6	U	1.6	U	NS		
	18-Dec-08	NS		NS		1.6	U	NS		NS		NS		1.6	U	NS		NS		1.6	U	1.6	U	
	21-Jan-09	NS		NS		NS		1.6	U	NS		NS		NS		NS		1.6	U	NS		1.6	U	
	25-Feb-09	1.6	U	NS		NS		NS		1.6	U	NS		NS		NS		1.6	U	1.6	U	NS		
	26-Mar-09	NS		2.1		NS		NS		NS		2.23	U	NS		NS		NS		0.945		1.48		
	29-Apr-09	NS		NS		0.603		NS		NS		NS		0.246		NS		NS		0.223	U	NS		0.367
	22-Jul-09	1.12	U	NS		56		2.23	U	NS		1.45		NS		NS		4.27		0.629		NS		
	9-Oct-09	NS		1.15		NS		NS		0.974		NS		0.431		46.6	U	0.619		NS		0.824		
	15-Jan-10	0.763		NS		0.887		NS		0.98		1.26		NS		NS		0.964		NS		0.964		
	21-Apr-10	NS		0.373		NS		NS		0.16	U	NS		1.6	U	1.61		0.635		NS		1.26		
	16-Jul-10	0.332		NS		1.53		0.689		NS		2.41	U	NS		NS		0.319	U	0.319	U	NS		0.319
	15-Oct-10	NS		0.319	U	NS		NS		0.319	U	NS		0.319	U	0.319	U	0.319	U	NS		NS		0.319
	26-Jan-11	3.19	U	2.49		NS		2.46		NS		1.6	U	NS		1.85		1.8		1.9		NS		
	28-Feb-11	NS		NS		3.19	U	NS		NS		NS		NS		NS		NS		NS		NS		
	27-Apr-11	NS		0.319	U	NS		NS		0.319	U	NS		0.319	U	0.354		0.319	U	NS		0.319		
	26-Jul-11	1.06	U	NS		1.06	U	0.434		NS		1.6	U	NS		NS		0.319	U	1.6	U	NS		
	28-Oct-11	NS		1.6	U	NS		1.6	U	NS		1.6	U	NS		1.6	U	1.6	U	NS		1.6	U	
	23-Jan-12	0.84		NS		1.2		0.98		NS		0.81		NS		NS		1.4		1.5		NS		
	13-Apr-12	NS		0.32	U	NS		NS		0.32	U	NS		0.32	U	0.32	U	0.32	U	NS		0.32	U	
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.6	U	NS		
	23-Jun-12	0.45		NS		0.61		0.88		NS		0.43		NS		NS		0.42		0.4		NS		
	1-Nov-12	NS		0.45		NS		NS		0.43		NS		0.49		0.56		0.61		NS		1		
	1-Feb-13	0.33		NS		0.45		0.47		NS		0.35		NS		NS		0.45		NS		0.46		
	29-Apr-13	NS		0.41		NS		NS		0.38		NS		0.41		0.47		0.63		NS		0.67		
	9-Jul-13	0.64		NS		0.93		0.76		NS		0.70		NS		NS		0.65		NS		0.42		
	18-Oct-13	NS		0.66		NS		NS		0.63		NS		0.86		1.0		0.28		NS		0.92		
	9-Jan-14	1.2		NS		1.1		0.97		NS		1.1		NS		NS		1.5		1.5		NS		
	24-Apr-14	NS		0.3		NS		NS		0.22		NS		0.32		0.23		0.39		0.34		0.35		
	1-Aug-14	0.49		NS		0.79/0.76		0.68/0.69		NS		NS		NS		NS		0.34		0.43		NS		
	27-Aug-14	NS		NS		NS		NS		NS		0.69		NS		NS		NS		NS		NS		
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.43		NS		NS		NS		
22-Oct-14	NS		0.28		NS		NS		0.21		0.19		0.34		0.14		0.36		0.32		NS			
20-Jan-15	0.42		NS		0.33		0.45		NS		0.31		NS		NS		0.63		0.46		NS			
30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.41		NS			
22-Apr-15	NS		0.48		NS		NS		0.35		NS		0.46		0.57/0.60		0.84		NS		0.93			
21-Jul-15	0.35		NS		0.520 <sup>j</sup>		3	U	NS		0.29		NS		NS		0.29 <sup>o</sup>		0.41 <sup>o</sup>		NS			
23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.28		NS		NS		NS			
29-Oct-15	NS		0.15 <sup>j</sup>		NS		NS		0.19		NS		0.26 <sup>j</sup>		0.27		0.24		NS		0.23			
4-Dec-15 resample	NS		0.11 <sup>j</sup>		NS		NS		NS		NS		NS		NS		NS		NS		NS			
27-Jan-16	0.32		NS		0.5		0.53		NS		0.43		NS		NS		0.72		0.69		NS			
20-Apr-16	NS		0.21		NS		NS		0.27		NS		0.27		0.32		0.73		NS		0.47			
20-Jul-16	0.32	U	NS		0.7		0.41		NS		0.68		NS		NS		0.43		NS		0.85			
21-Oct-16	NS		0.35		NS		NS		0.84		NS		0.58		1.3		0.39		NS		0.064	U		

**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.13		NS		NS		NS		0.13	U	NS		NS		NS		0.13	U	0.13	U	NS	
	27-Mar-08	NS	U	0.134	U	NS		NS		NS		0.134	U	NS		NS		NS		0.134	U	0.134	U
	25-Apr-08	NS		NS		0.134	U	NS		NS		NS		0.134	U	NS		0.134	U	NS		0.134	U
	29-May-08	NS		NS		NS		0.13	U	NS		NS		NS		0.13	U	0.13	U	NS		NS	
	27-Jun-08	0.209	U	NS		NS		NS		0.134	U	NS		NS		NS		NS		0.134	U	0.134	U
	31-Jul-08	NS		0.134	U	NS		0.134	U	NS		0.134	U										
	28-Aug-08	NS		NS		0.134	U	NS		NS		NS		0.134	U	NS		0.134	U	0.134	U	NS	
	30-Sep-08	NS		NS		NS		0.52		NS		NS		NS		0.13	U	NS		0.23		0.13	U
	27-Oct-08	0.13	U	NS		NS		NS		1.07		NS		NS		NS		0.13	U	NS		0.13	U
	25-Nov-08	NS		0.13	U	NS		NS		NS		0.13	U	NS		NS		0.13	U	3		NS	
	18-Dec-08	NS		NS		0.13	U	NS		NS		NS		0.13	U	NS		NS		0.13	U	0.13	U
	21-Jan-09	NS		NS		NS		0.13	U	NS		NS		NS		0.13	U	0.13	U	NS		0.13	U
	25-Feb-09	0.13	U	NS		NS		NS		0.13	U	NS		NS		NS		0.13	U	0.13	U	NS	
	26-Mar-09	NS		0.67	U	NS		NS		NS		1.34	U	NS		NS		NS		0.134	U	0.134	U
	29-Apr-09	NS		NS		0.134	U	NS		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		0.67	U	NS		NS		0.134	U	0.134	U	NS	
	9-Oct-09	NS		0.134	U	NS		NS		0.134	U	NS		0.134	U	28	U	0.134	U	NS		0.134	U
	15-Jan-10	0.134	U	NS		0.134	U	0.134	U	NS		0.134	U	NS		NS		0.134	U	0.134	U	NS	
	21-Apr-10	NS		0.134	U	NS		NS		0.67	U	NS		0.67	U	0.67	U	0.134	U	NS		0.134	U
	16-Jul-10	0.134	U	NS		0.134	U	0.134	U	NS		1.01	U	NS		NS		0.134	U	0.134	U	NS	
	15-Oct-10	NS		0.134	U	NS		NS		0.134	U	NS		0.134	U	0.134	U	0.134	U	NS		0.134	U
	26-Jan-11	1.34	U	0.134	U	NS		0.134	U	NS		0.67	U	NS		0.67	U	0.67	U	0.67	U	NS	
	28-Feb-11	NS		NS		1.34	U	NS		NS		NS		NS									
	27-Apr-11	NS		0.134	U	NS		NS		0.134	U	NS		0.134	U	0.134	U	0.134	U	NS		0.134	U
	26-Jul-11	0.447	U	NS		0.447	U	0.134	U	NS		0.67	U	NS		NS		0.134	U	0.67	U	NS	
	28-Oct-11	NS		3.4	U	NS		NS		3.4	U	NS		3.4	U	3.4	U	3.4	U	NS		3.4	U
	23-Jan-12	0.67	U	NS		0.67	U	0.67	U	NS		0.67	U	NS		NS		0.67	U	0.67	U	NS	
	13-Apr-12	NS		0.34	U	NS		NS		0.34	U	NS		0.34	U	0.34	U	0.34	U	NS		0.34	U
	2-Jul-12 (resample)	NS		NS		1.7	U	NS															
	23-Jun-12	0.67	U	NS		0.67	U	0.67	U	NS		0.67	U	NS		NS		0.67	U	0.67	U	NS	
	1-Nov-12	NS		0.067	U	NS		NS		0.067	U	NS		0.067	U	0.067	U	0.067	U	NS		0.067	U
	1-Feb-13	0.067	U	NS		0.067	U	0.067	U	NS		0.067	U	NS		NS		0.067	U	0.067	U	NS	
	29-Apr-13	NS		0.16	U	NS		NS		0.067	U	NS		0.67	U	0.067	U	0.067	U	NS		0.067	U
	9-Jul-13	0.1	U	NS		0.067	U	0.067	U	NS		0.067	U	NS		NS		0.067	U	0.23		NS	
	18-Oct-13	NS		0.13	U	NS		NS		0.13	U	NS		0.13	U	0.13	U	0.13	U	NS		0.13	
	9-Jan-14	0.13	U	NS		0.13	U	0.13	U	NS		0.13	U	NS		NS		0.13	U	0.13	U	NS	
	24-Apr-14	NS		0.13	U	NS		NS		0.13	U	NS		0.13	U	0.13	U	0.13	U	0.13	U	0.20	U
	1-Aug-14	0.13	U	NS		0.20	U	0.20	U	NS		NS		NS		NS		0.13	U	0.13	U	NS	
	27-Aug-14	NS		0.067	U	NS		NS		NS		NS		NS									
	12-Sept-14 (resample)	NS		0.1		NS		NS	U	NS													
	22-Oct-14	NS		0.10	U	NS		NS		0.10	U	0.10	U	0.10	U	0.10	U	0.10	U	0.13	U	NS	
	20-Jan-15	0.067	U	NS		0.067	U	0.067	U	NS		0.067	U	NS		NS		0.1	U	0.067	U	NS	
	30-Mar-15 (resample)	NS		NS		0.075	U	NS															
	22-Apr-15	NS		0.069	U	NS		NS		0.067	U	NS		0.067	U	0.097	U	0.067	U	NS		0.077	U
	21-Jul-15	0.3	U	NS		NS	U	7	U	NS		0.4	U	NS		NS		0.30 <sup>U</sup>	U	0.40 <sup>U</sup>	U	NS	
	23-Sept-15 resample	NS		0.3	U	NS		NS		NS													
	29-Oct-15	NS		0.4	U	NS		NS		0.4	U	NS		0.6	U	0.3	U	0.3	U	NS		0.3	U
	4-Dec-15 resample	NS		0.3	U	NS		NS		NS		NS											
	27-Jan-16	0.067	U	NS		0.067	U	0.067	U	NS		0.067	U	NS		NS		0.067	U	0.42		NS	
	20-Apr-16	NS		0.067	U	NS		NS		0.83		NS		0.067	U	0.067	U	0.067	U	NS		0.12	
	20-Jul-16	0.34	U	NS		0.34	U	0.34	U	NS		0.38		NS		NS		0.43		0.34	U	NS	
	21-Oct-16	NS		0.067	U	NS		NS		0.067	U	NS		0.067	U	0.067	U	0.067	U	NS		0.067	U

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Alvarez School  
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Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.21		NS		NS		NS		0.21	U	NS		NS		NS		0.21	U	0.21	U	NS	
	27-Mar-08	NS	U	0.206	U	NS		NS		NS		0.206	U	NS		NS		NS		0.206	U	0.206	U
	25-Apr-08	NS		NS		0.206	U	NS		NS		NS		0.206	U	NS		0.206	U	NS		0.206	U
	29-May-08	NS		NS		NS		0.21	U	NS		NS		NS		0.21	U	0.21	U	NS		NS	
	27-Jun-08	0.322	U	NS		NS		NS		0.206	U	NS		NS		NS		NS		0.206	U	0.206	U
	31-Jul-08	NS		0.206	U	NS		0.206	U	NS		0.206	U										
	28-Aug-08	NS		NS		0.206	U	NS		NS		NS		0.206	U	NS		0.206	U	0.206	U	NS	
	30-Sep-08	NS		NS		NS		0.41	U	NS		NS		NS		0.41	U	NS		0.41	U	0.41	U
	27-Oct-08	0.41	U	NS		NS		NS		0.41	U	NS		NS		NS		0.41	U	NS		0.41	U
	25-Nov-08	NS		0.14	U	NS		NS		NS		0.41	U	NS		NS		0.41	U	0.41	U	NS	
	18-Dec-08	NS		NS		0.41	U	NS		NS		NS		0.41	U	NS		NS		0.41	U	0.41	U
	21-Jan-09	NS		NS		NS		0.41	U	NS		NS		NS		0.41	U	0.41	U	NS		NS	
	25-Feb-09	0.41	U	NS		NS		NS		0.14	U	NS		NS		NS		0.41	U	0.41	U	NS	
	26-Mar-09	NS		1.03	U	NS		NS		NS		2.06	U	NS		NS		NS		0.206	U	0.206	U
	29-Apr-09	NS		NS		0.206	U	NS		NS		NS		0.206	U	NS		0.206	U	NS		0.206	U
	22-Jul-09	1.03	U	NS		42	U	2.06	U	NS		1.03	U	NS		NS		0.206	U	0.206	U	NS	
	9-Oct-09	NS		0.206	U	NS		NS		0.206	U	NS		0.206	U	43.1	U	0.206	U	NS		0.206	U
	15-Jan-10	0.206	U	NS		0.206	U	0.206	U	NS		0.206	U	NS		NS		0.206	U	0.206	U	NS	
	21-Apr-10	NS		0.206	U	NS		NS		1.03	U	NS		1.03	U	1.03	U	0.206	U	NS		0.206	U
	16-Jul-10	0.206	U	NS		0.206	U	0.206	U	NS		1.56	U	NS		NS		0.206	U	0.206	U	NS	
	15-Oct-10	NS		0.206	U	NS		NS		0.206	U	NS		0.206	U	0.206	U	0.206	U	NS		0.206	U
	26-Jan-11	2.06	U	0.206	U	NS		0.206	U	NS		1.03	U	NS		1.03	U	1.03	U	1.03	U	NS	
	28-Feb-11	NS		NS		2.06	U	NS		NS		NS		NS									
	27-Apr-11	NS		0.206	U	NS		NS		0.206	U	NS		0.206	U	0.206	U	0.206	U	NS		0.206	U
	26-Jul-11	0.69	U	NS		0.69	U	0.207	U	NS		1.03	U	NS		NS		0.207	U	1.03	U	NS	
	28-Oct-11	NS		5.2	U	NS		NS		5.2	U	NS		5.2	U	5.2	U	5.2	U	NS		5.2	U
Bromoform	23-Jan-12	1	U	NS		1	U	1	U	NS		1	U	NS		NS		1	U	1	U	NS	
	13-Apr-12	NS		1	U	NS		NS		1	U	NS		1	U	1	U	1	U	NS		1	U
	2-Jul-12 (resample)	NS		NS		5.2	U	NS															
	23-Jun-12	1	U	NS		1	U	1	U	NS		1	U	NS		NS		1	U	1	U	NS	
	1-Nov-12	NS		0.21	U	NS		NS		0.21	U	NS		0.21	U	0.21	U	0.21	U	NS		0.21	U
	1-Feb-13	0.21	U	NS		0.21	U	0.21	U	NS		0.21	U	NS		NS		0.21	U	0.21	U	NS	
	29-Apr-13	NS		0.52	U	NS		NS		0.21	U	NS		0.21	U	0.21	U	0.21	U	NS		0.21	U
	9-Jul-13	0.31	U	NS		0.21	U	0.21	U	NS		0.21	U	NS		NS		0.21	U	0.21	U	NS	
	18-Oct-13	NS		0.21	U	NS		NS		0.21	U	NS		0.21	U	0.21	U	0.21	U	NS		0.21	U
	9-Jan-14	0.21	U	NS		0.21	U	0.21	U	NS		0.21	U	NS		NS		0.21	U	0.21	U	NS	
	24-Apr-14	NS		0.21	U	NS		NS		0.21	U	NS		0.21	U	0.21	U	0.21	U	0.21	U	0.31	U
	1-Aug-14	0.21	U	NS		0.31	U	0.31	U	NS		NS		NS		NS		0.21	U	0.21	U	NS	
	27-Aug-14	NS		0.21	U	NS		NS		NS		NS		NS									
	12-Sept-14 (resample)	NS		0.13	U	NS		NS		NS													
	22-Oct-14	NS		0.31	U	NS		NS		0.31	U	0.31	U	0.31	U	0.31	U	0.31	U	0.41	U	NS	
	20-Jan-15	0.21	U	NS		0.21	U	0.21	U	NS		0.21	U	NS		NS		0.31	U	0.21	U	NS	
	30-Mar-15 (resample)	NS		NS		0.23	U	NS															
	22-Apr-15	NS		0.21	U	NS		NS		0.21	U	NS		0.21	U	0.03	U	0.21	U	NS		0.24	U
	21-Jul-15	0.5	U	NS		2	U	10	U	NS		0.6	U	NS		NS		0.50 <sup>o</sup>	U	0.60 <sup>o</sup>	U	NS	
	23-Sept-15 resample	NS		0.5	U	NS		NS		NS													
	29-Oct-15	NS		0.6	U	NS		NS		0.6	U	NS		0.9	U	0.5	U	0.5	U	NS		0.5	U
	4-Dec-15 resample	NS		0.5	U	NS		NS		NS		NS											
	27-Jan-16	0.21	U	NS		0.21	U	0.21	U	NS		0.21	U	NS		NS		0.21	U	0.21	U	NS	
	20-Apr-16	NS		0.21	U	NS		NS		0.21	U	NS		0.21	U	0.21	U	0.21	U	NS		0.21	U
	20-Jul-16	1.0	U	NS		1.0	U	1.0	U	NS		1.0	U	NS		NS		1.0	U	1.0	U	NS	
	21-Oct-16	NS		0.21	U	NS		NS		0.21	U	NS		0.21	U	0.21	U	0.2	U	NS		0.21	U

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Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	126		NS		NS		NS		1.47	U	NS		NS		NS		3.08		10.6		NS	
	27-Mar-08	NS		226		NS		NS		NS		NS		NS		NS		NS		11.9		3.9	
	25-Apr-08	NS		NS		477		NS		NS		NS		1680		NS		2.24		NS		1.47	U
	29-May-08	NS		NS		NS		527		NS		NS		NS		591		2.27		3.04		NS	
	27-Jun-08	1080		NS		NS		NS		596		NS		NS		NS		NS		6.92		3.64	
	31-Jul-08	NS		1350		NS		NS		NS		NS		NS		NS		12		NS		2.56	
	28-Aug-08	NS		NS		8380		NS		NS		NS		102		NS		5.29		9.18		NS	
	30-Sep-08	NS		NS		NS		101		NS		NS		NS		194		NS		2		1.5	U
	27-Oct-08	53.5		NS		NS		NS		30.5		NS		NS		NS		2.4		NS		5.7	
	25-Nov-08	NS		802		NS		NS		NS		259		NS		NS		1.8		2.4		NS	
	18-Dec-08	NS		NS		5630		NS		NS		NS		8.3		NS		NS		2.6		3.3	
	21-Jan-09	NS		NS		NS		209		NS		NS		NS		24		1.5	U	NS		1.5	U
	25-Feb-09	30		NS		NS		NS		198		NS		NS		NS		1.5	U	1.5	U	NS	
	26-Mar-09	NS		926		NS		NS		NS		29.1		NS		NS		NS		2.66		3.02	
	29-Apr-09	NS		NS		12400		NS		NS		NS		38.1		NS		1.47	U	NS		3.06	
	22-Jul-09	433		NS		433		410		NS		151		NS		NS		21.6		2.8		NS	
	9-Oct-09	NS		289		NS		NS		1.47	U	NS		19.1		22700		2.75		NS		12.6	
	15-Jan-10	29.8		NS		NS		826		64.1		NS		38.4		NS		2.64		1.6		NS	
	21-Apr-10	NS		6.44		NS		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	NS		1.92	
	26-Jan-11	940		22.3		NS		16.5		NS		7.37	U	NS		50.4		7.37	U	7.37	U	NS	
	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	NS		82.9		93.2		NS		11000		NS		NS		2.07		7.37	U	NS	
	28-Oct-11	NS		59	U	NS		NS		59	U	NS		59	U	NS		59	U	NS		59	U
2-Butanone	23-Jan-12	110		NS		70		12	U	NS		20		NS		NS		12	U	12	U	NS	U
	13-Apr-12	NS		16		NS		NS		74		NS		12	U	12		12	U	NS		12	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		59	U	NS	
	23-Jun-12	75		NS		92		3700		NS		1900		NS		NS		12	U	12	U	NS	
	1-Nov-12	NS		24		NS		NS		44		NS		3.6		12		3.7		NS		4.2	
	1-Feb-13	36		NS		4.9		16		NS		20		NS		NS		2.4		2.4	U	NS	
	29-Apr-13	NS		170		NS		NS		110		NS		6.1		7		7.2		NS		4.5	
	9-Jul-13	98		NS		130		79		NS		370		NS		NS		6.8		2.4	U	NS	
	18-Oct-13	NS		91		NS		NS		28		NS		4		52		8.2		NS		6.4	
	9-Jan-14	1900		NS		11		26		NS		11		NS		NS		4.2		2.6		NS	
	24-Apr-14	NS		32		NS		NS		11		NS		3.2		19		8.1		2.5		3.5	U
	1-Aug-14	38		NS		110/81		110/93		NS		NS		NS		NS		5.8		4.3		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	
	22-Oct-14	NS		5.8		NS		NS		16		3.5	U	3.9		3.5	U	15		4.7	U	NS	
	20-Jan-15	5.1		NS		3.9		4.3		NS		2.4	U	NS		NS		7.5		6.2		NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		5.5		NS	
	22-Apr-15	NS		17 <sup>v</sup>		NS		NS		23 <sup>v</sup>		NS		11		11		19		NS		10	
	21-Jul-15	17		NS		55		170		NS		21		NS		NS		20 <sup>o</sup>		2.2 <sup>o</sup>		NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		7.9		NS		NS		NS	
	29-Oct-15	NS		10		NS		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	
	27-Jan-16	2.4	U	NS		2.4		2.4	U	NS		2.4	U	NS		NS		12		4.4		NS	
	20-Apr-16	NS		21		NS		NS		29		NS		34		21		12		NS		4.1	
	20-Jul-16	36		NS		37		12	U	NS		46		NS		NS		32		12	U	NS	
	21-Oct-16	NS		21		NS		NS		12		NS		3.3		3.3		5.1		NS		8.3	

**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	2.74		NS		NS		NS		2.74	U	NS		NS		NS		2.74	U	2.74	U	NS	
	27-Mar-08	NS	U	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	NS		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	NS		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		NS		5.5	U	NS		NS		5.5	U	5.5	U
	21-Jan-09	NS		NS		NS		5.5	U	NS		NS		NS		5.5	U	5.5	U	NS		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		NS		27.4	U	NS		NS		NS		2.74	U	2.74	U
	29-Apr-09	NS		NS		2.74	U	NS		NS		NS		2.74	U	NS		2.74	U	NS		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		1.08	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	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	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		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	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		7.9	U	NS		NS		7.9	U	NS		7.9	U	7.9	U	7.9	U	NS		7.9	U
	23-Jan-12	1.6	U	NS		1.6	U	1.6	U	NS		1.6	U	NS		NS		1.6	U	1.6	U	NS	
	13-Apr-12	NS		1.6	U	NS		NS		1.6	U	NS		1.6	U	1.6	U	1.6	U	NS		1.6	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		7.9	U	NS	
	23-Jun-12	1.6	U	NS		1.6	U	1.6	U	NS		1.6	U	NS		NS		1.6	U	1.6	U	NS	
	1-Nov-12	NS		0.32	U	NS		NS		0.32	U	NS		0.44		0.35		0.38		NS		0.32	U
	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	U
	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	U
	1-Aug-14	0.32	U	NS		0.63		0.47 <sup>+</sup>	U	NS		NS		NS		NS		0.32	U	0.56		NS	
	27-Aug-14	NS		NS		NS		NS		NS		0.32	U	NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	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	
	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	U
	27-Jan-16	0.32	U	NS		0.32	U	0.32	U	NS		0.32	U	NS		NS		0.32	U	0.32	U	NS	
	20-Apr-16	NS		0.32	U	NS		NS		0.32	U	NS		0.32	U	0.32	U	0.32	U	NS		0.32	U
	20-Jul-16	1.6	U	NS		1.6	U,M,W	1.6	U	NS		1.6	U	NS		NS		1.6	U	1.6	U	NS	
	21-Oct-16	NS		0.32	U	NS		NS		0.32	U	NS		0.32	U	0.32	U	0.32	U	NS		0.32	U

**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	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	NS		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	NS		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		NS		5.5	U	NS		NS		5.5	U	5.5	U
	21-Jan-09	NS		NS		NS		5.5	U	NS		NS		NS		5.5	U	NS		NS		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		NS		27.4	U	NS		NS		NS		2.74	U	2.74	U
	29-Apr-09	NS		NS		2.74	U	NS		NS		NS		2.74	U	NS		NS		NS		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		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	NS		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	NS		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	NS		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	NS		6.3	U
	23-Jan-12	1.3	U	NS		1.3	U	1.3	U	NS		1.3	U	NS		NS		1.3	U	1.3	U	NS	
	13-Apr-12	NS		1.3	U	NS		NS		1.3	U	NS		1.3	U	1.3	U	1.3	U	NS		1.3	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		6.3	U	NS	
	23-Jun-12	1.3	U	NS		1.3	U	1.3	U	NS		1.3	U	NS		NS		1.3	U	1.3	U	NS	
	1-Nov-12	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U
	1-Feb-13	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		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	NS		0.25	U
	9-Jul-13	0.38	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		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	NS		0.25	U
	9-Jan-14	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		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		NS		NS		NS		NS		0.25	U	NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	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	
	22-Apr-15	NS		0.26	U	NS		NS		0.25	U	NS		0.25	U	0.36	U	0.25	U	NS		0.29	U
	27-Jan-16	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.25	U	0.25	U	NS	
	20-Apr-16	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U
	20-Jul-16	1.3	U	NS		1.3	U,M,W	1.3	U	NS		1.3	U	NS		NS		1.3	U	1.3	U	NS	
	21-Oct-16	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U

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**Alvarez School**  
**Volatile Organic Compounds**  
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Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.44		NS		NS		NS		0.46		NS		NS		NS		0.53		0.45		NS	
	27-Mar-08	NS		0.539		NS		NS		NS		0.477		NS		NS		NS		0.576		0.574	
	25-Apr-08	NS		NS		0.417		NS		NS		NS		0.448		NS		0.459		NS		0.448	
	29-May-08	NS		NS		NS		0.46		NS		NS		NS		0.46		NS		0.47		NS	
	27-Jun-08	0.478		NS		NS		NS		0.506		NS		NS		NS		NS		0.533		0.553	
	31-Jul-08	NS		0.576		NS		NS		NS		NS		NS		NS		0.548		NS		0.495	
	28-Aug-08	NS		NS		0.515		NS		NS		NS		0.549		NS		0.567		0.563		NS	
	30-Sep-08	NS		NS		NS		0.511		NS		NS		NS		0.577		NS		0.451		0.469	
	27-Oct-08	0.48		NS		NS		0.36		NS		NS		NS		NS		0.41		NS		0.56	
	25-Nov-08	NS		0.5		NS		NS		NS		0.42		NS		NS		0.3		0.44		NS	
	18-Dec-08	NS		NS		0.23		NS		NS		NS		0.28		NS		NS		0.48		0.46	
	21-Jan-09	NS		NS		NS		0.36		NS		NS		NS		0.47		NS		0.27		NS	
	25-Feb-09	0.39		NS		NS		NS		0.36		NS		NS		NS		0.37		0.36		NS	
	26-Mar-09	NS		0.629	U	NS		NS		NS		1.26	U	NS		NS		NS		0.601		0.565	
	29-Apr-09	NS		NS		0.484		NS		NS		NS		0.528		NS		0.522		NS		0.654	
	22-Jul-09	0.629	U	NS		25.6	U	1.26	U	NS		0.629	U	NS		NS		0.515		0.503		NS	
	9-Oct-09	NS		0.691		NS		NS		0.666		NS		0.465		26.2	U	0.71		NS		0.691	
	15-Jan-10	0.427		NS		0.647		0.509		NS		0.541		NS		NS		0.541		0.528		NS	
	21-Apr-10	NS		0.126		NS		NS		0.629	U	NS		0.629	U	0.629	U	0.61		NS		0.503	
	16-Jul-10	0.459		NS		0.478		0.515		NS		0.95	U	NS		NS		0.559		0.509		NS	
	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	NS		0.629	U	0.629	U	0.629	U	NS	
	28-Feb-11	NS		NS		1.26	U	NS		NS		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	U	NS		0.629	U	NS		NS		0.402		0.629	U	NS	
	28-Oct-11	NS		3.1	U	NS		NS		3.1	U	NS		3.1	U	3.1	U	3.1	U	NS		3.1	U
Carbon tetrachloride	23-Jan-12	0.63	U	NS		0.63	U	0.63	U	NS		0.63	U	NS		NS		0.63	U	0.63	U	NS	U
	13-Apr-12	NS		0.31	U	NS		NS		0.31	U	NS		0.31	U	0.31	U	0.31	U	NS		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		NS		0.63	U	0.63	U	NS	
	1-Nov-12	NS		0.48		NS		NS		0.46		NS		0.46		0.45		0.47		NS		0.43	
	1-Feb-13	0.44		NS		0.43		0.39		NS		0.42		NS		NS		0.49		0.5		NS	
	29-Apr-13	NS		0.42		NS		NS		0.44		NS		0.42		0.48		0.48		NS		0.46	
	9-Jul-13	0.52		NS		0.52		0.46		NS		0.48		NS		NS		0.45		0.47		NS	
	18-Oct-13	NS		0.45		NS		NS		0.41		NS		0.4		0.45		0.44		NS		0.47	
	9-Jan-14	0.40		NS		0.45		0.40		NS		0.43		NS		NS		0.43		0.43		NS	
	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		NS		0.45		NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.43		NS		NS	U	NS	
	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		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 <sup>J</sup>		NS		1	U	6	U	NS		0.28 <sup>J</sup>		NS		NS		0.25 <sup>J,O</sup>		0.24 <sup>J,O</sup>		NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.29 <sup>J</sup>		NS		NS		NS	
	29-Oct-15	NS		0.35		NS		NS		0.29 <sup>J</sup>		NS		0.27 <sup>J</sup>		0.28 <sup>J</sup>		0.27 <sup>J</sup>		NS		0.27 <sup>J</sup>	
	4-Dec-15 resample	NS		0.30 <sup>J</sup>		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		NS		NS	
	21-Oct-16	NS		0.49		NS		NS		0.45		NS		0.44		0.46		0.48		NS		0.47	

**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.09		NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U	NS	
	27-Mar-08	NS	U	0.052	U	NS		NS		NS		0.092	U	NS		NS		NS	U	0.092	U	0.092	U
	25-Apr-08	NS		NS		0.092	U	NS		NS		NS		0.092	U	NS		0.092	U	NS		0.092	U
	29-May-08	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U	NS		NS	
	27-Jun-08	0.207		NS		NS		NS		0.092	U	NS		NS		NS		NS		0.092	U	0.092	U
	31-Jul-08	NS		0.092	U	NS		0.092	U	NS		0.092	U										
	28-Aug-08	NS		NS		0.092	U	NS		NS		NS		0.092	U	NS		0.092	U	0.092	U	NS	
	30-Sep-08	NS		NS		NS		2.3	U	NS		NS		NS		2.3	U	NS		2.3	U	2.3	U
	27-Oct-08	2.3	U	NS		NS		NS		2.3	U	NS		NS		NS		2.3	U	NS		2.3	U
	25-Nov-08	NS		2.3	U	NS		NS		NS		2.3	U	NS		NS		2.3	U	2.3	U	NS	
	18-Dec-08	NS		NS		2.3	U	NS		NS		NS		2.3	U	NS		NS		2.3	U	2.3	U
	21-Jan-09	NS		NS		NS		2.3	U	NS		NS		NS		2.3	U	NS		2.3	U	2.3	U
	25-Feb-09	2.3	U	NS		NS		NS		2.3	U	NS		NS		NS		2.3	U	2.3	U	NS	
	26-Mar-09	NS		0.46	U	NS		NS		NS		0.92	U	NS		NS		NS		0.092	U	0.092	U
	29-Apr-09	NS		NS		0.092	U	NS		NS		NS		0.092	U	NS		0.092	U	NS		0.092	U
	22-Jul-09	0.46	U	NS		18.8	U	0.92	U	NS		0.46	U	NS		NS		0.092	U	0.092	U	NS	
	9-Oct-09	NS		0.092	U	NS		NS		0.092	U	NS		0.092	U	19.2	U	0.092	U	NS		0.092	U
	15-Jan-10	0.092	U	NS		0.092	U	0.092	U	NS		0.092	U	NS		0.092	U	0.092	U	0.092	U	NS	
	21-Apr-10	NS		0.092	U	NS		NS		0.46	U	NS		0.46	U	0.46	U	0.092	U	NS		0.092	U
	16-Jul-10	0.092	U	NS		0.092	U	0.212	U	NS		0.695	U	NS		NS		0.092	U	0.092	U	NS	
	15-Oct-10	NS		0.092	U	NS		NS		0.129	U	NS		0.106	U	0.101	U	0.092	U	NS		0.101	
	26-Jan-11	0.92	U	0.092	U	NS		0.092	U	NS		0.46	U	NS		0.46	U	0.46	U	0.46	U	NS	
	28-Feb-11	NS		NS		0.92	U	NS															
	27-Apr-11	NS		0.092	U	NS		NS		0.092	U	NS		0.092	U	0.092	U	0.092	U	NS		0.092	U
	26-Jul-11	0.307	U	NS		0.307	U	0.092	U	NS		0.46	U	NS		NS		0.092	U	0.46	U	NS	
	28-Oct-11	NS		2.3	U	NS		NS		2.3	U	NS		2.3	U	2.3	U	2.3	U	NS		2.3	U
	23-Jan-12	0.46	U	NS		0.46	U	0.46	U	NS		0.46	U	NS		NS		0.46	U	12		NS	
	13-Apr-12	NS		0.46	U	NS		NS		0.46	U	NS		0.46	U	0.46	U	0.46	U	NS		0.46	U
	2-Jul-12 (resample)	NS		2.3	U	NS																	
	23-Jun-12	0.46	U	NS		0.46	U	0.46	U	NS		0.46	U	NS		NS		0.46	U	0.46	U	NS	
	1-Nov-12	NS		0.092	U	NS		NS		0.092	U	NS		0.16	U	0.092	U	0.092	U	NS		0.092	U
	1-Feb-13	0.092	U	NS		0.092	U	0.092	U	NS		0.092	U	NS		NS		0.092	U	0.092	U	NS	
	29-Apr-13	NS		0.12	U	NS		NS		0.046	U	NS		0.046	U	0.046	U	0.046	U	NS		0.046	U
	9-Jul-13	0.18		NS		0.14	U	0.15	U	NS		0.15	U	NS		NS		0.092	U	0.092	U	NS	
	18-Oct-13	NS		0.092	U	NS		NS		0.092	U	NS		0.092	U	0.092	U	0.092	U	NS		0.092	U
	9-Jan-14	0.092	U	NS		0.092	U	0.092	U	NS		0.092	U	NS		NS		0.092	U	0.092	U	NS	
	24-Apr-14	NS		0.046	U	NS		NS		0.046	U	NS		0.046	U	0.046	U	0.046	U	0.046	U	0.14	U
	1-Aug-14	0.092	U	NS		0.14	U	0.25	U	NS		NS		NS		NS		0.092	U	0.092	U	NS	
	27-Aug-14	NS		0.092	U	NS																	
	12-Sept-14 (resample)	NS		0.14	U	NS		NS	U	NS													
	22-Oct-14	NS		0.14	U	NS		NS		0.14	U	0.18	U	NS									
	20-Jan-15	0.092	U	NS		0.092	U	0.092	U	NS		0.092	U	NS		NS		0.14	U	0.092	U	NS	
	30-Mar-15 (resample)	NS		0.10	U	NS																	
	22-Apr-15	NS		0.094	U	NS		NS		0.092	U	NS		0.092	U	0.13	U	0.092	U	NS		0.11	U
	21-Jul-15	0.2	U	NS		0.9	U	5	U	NS		0.3	U	NS		NS		0.2 °	U	0.2 °	U	NS	
	23-Sept-15 resample	NS		0.2	U	NS		NS		NS													
	29-Oct-15	NS		0.3	U	NS		NS		0.3	U	NS		0.4	U	0.2	U	0.2	U	NS		0.2	U
	4-Dec-15 resample	NS		0.2	U	NS																	
	27-Jan-16	0.092	U	NS		0.092	U	0.092	U	NS		0.092	U	NS		NS		0.092	U	0.092	U	NS	
	20-Apr-16	NS		0.092	U	NS		NS		0.092	U	NS		0.092	U	0.092	U	0.092	U	NS		0.092	U
	20-Jul-16	0.46	U	NS		0.46	U	0.46	U	NS		0.46	U	NS		NS		0.46	U	0.46	U	NS	
	21-Oct-16	NS		0.092	U	NS		NS		0.092	U	NS		0.092	U	0.092	U	0.092	U	NS		0.092	U

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Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.05		NS		NS		NS		0.05	U	NS		NS		NS		0.05	U	0.05	U	NS	
	27-Mar-08	NS	U	0.053	U	NS		NS		NS		0.053	U	NS		NS		NS		0.053	U	0.053	U
	25-Apr-08	NS		NS		0.053	U	NS		NS		NS		0.139		NS		0.053	U	NS		0.053	U
	29-May-08	NS		NS		NS		0.11		NS		NS		NS		0.1		0.07		0.05	U	NS	
	27-Jun-08	0.082	U	NS		NS		NS		0.132		NS		NS		NS		NS		0.053	U	0.053	U
	31-Jul-08	NS		0.053	U	NS		NS		NS		NS		NS		NS		0.053	U	NS		0.053	U
	28-Aug-08	NS		NS		0.053	U	NS		NS		NS		0.153		NS		0.053	U	0.075		NS	
	30-Sep-08	NS		NS		NS		1.3	U	NS		NS		NS		1.3	U	NS		1.3	U	1.3	U
	27-Oct-08	1.3	U	NS		NS		NS		1.3	U	NS		NS		NS		1.3	U	NS		1.6	
	25-Nov-08	NS		1.3	U	NS		NS		NS		1.3	U	NS		NS		1.3	U	1.3	U	NS	
	18-Dec-08	NS		NS		1.3	U	NS		NS		NS		1.3	U	NS		NS		1.3	U	1.3	U
	21-Jan-09	NS		NS		NS		1.3	U	NS		NS		NS		1.3	U	1.3	U	NS		1.3	U
	25-Feb-09	1.3	U	NS		NS		NS		1.3	U	NS		NS		NS		1.3	U	1.3	U	NS	
	26-Mar-09	NS		0.264	U	NS		NS		NS		0.527	U	NS		NS		NS		0.1212		0.063	
	29-Apr-09	NS		NS		0.137		NS		NS		NS		0.063		NS		NS		NS		0.053	U
	22-Jul-09	0.264	U	NS		10.8	U	0.527	U	NS		0.277		NS		NS		0.053	U	0.061		NS	
	9-Oct-09	NS		0.053	U	NS		NS		0.058		NS		0.406		11	U	0.053	U	NS		0.053	U
	15-Jan-10	0.053	U	NS		0.074		0.066		0.053		0.053		NS		NS		0.053	U	0.053		NS	
	21-Apr-10	NS		0.074		NS		NS		0.264		NS		0.303		0.303		0.053	U	NS		0.116	
	16-Jul-10	0.1		NS		2.55		0.166		NS		0.398	U	NS		NS		0.053	U	0.087		NS	
	15-Oct-10	NS		0.053	U	NS		NS		0.082		NS		0.071		0.053	U	0.053	U	NS		0.053	U
	26-Jan-11	0.527	U	0.053	U	NS		0.077		NS		0.264	U	NS		0.264	U	0.264	U	0.264	U	NS	
	28-Feb-11	NS		NS		.527	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.053	U	NS		NS		0.079		NS		0.082		0.053	U	0.053	U	NS		0.053	U
	26-Jul-11	0.176	U	NS		0.176	U	0.116		NS		0.264	U	NS		NS		0.053	U	0.264		NS	
	28-Oct-11	NS		1.3	U	NS		NS		1.3	U	NS		1.3	U	NS		1.3	U	NS		1.3	U
Chloroethane	23-Jan-12	0.26	U	NS		0.26	U	0.26	U	NS		0.26	U	NS		NS		0.26	U	0.26	U	NS	
	13-Apr-12	NS		0.26	U	NS		NS		0.26	U	NS		0.26	U	0.26		0.26	U	NS		0.26	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.3	U	NS	
	23-Jun-12	0.26	U	NS		0.26	U	0.26	U	NS		0.26	U	NS		NS		0.26	U	0.26	U	NS	
	1-Nov-12	NS		0.053	U	NS		NS		0.085		NS		0.08		0.053	U	0.053	U	NS		0.087	
	1-Feb-13	0.082		NS		0.053	U	0.11		NS		0.053	U	NS		NS		0.053	U	0.053	U	NS	
	29-Apr-13	NS		0.4		NS		NS		0.11	U	NS		0.11		0.11	U	0.11	U	NS		0.11	U
	9-Jul-13	0.11		NS		0.12		0.31		NS		0.091		NS		NS		0.11	U	0.053	U	NS	
	18-Oct-13	NS		0.053	U	NS		NS		0.11		NS		0.091		0.053	U	0.053	U	NS		0.053	U
	9-Jan-14	0.084		NS		0.053	U	0.11		NS		0.053	U	NS		NS		0.053	U	0.053	U	NS	
	24-Apr-14	NS		0.026	U	NS		NS		0.026	U	NS		0.13		0.026	U	0.026	U	0.026	U	0.079	U
	1-Aug-14	0.23		NS		0.43		0.53		NS		NS		NS		NS		0.059		0.053	U	NS	
	27-Aug-14	NS		NS		NS		NS		NS		0.072		NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.079	U	NS		NS	U	NS	
	22-Oct-14	NS		0.079	U	NS		NS		0.079	U	0.079	U	0.35		0.079	U	0.079	U	0.11	U	NS	
	20-Jan-15	0.069 <sup>v</sup>		NS		0.094		0.062		NS		0.24 <sup>v</sup>		NS		NS		0.079 <sup>v</sup>	U	0.053 <sup>v</sup>	U	NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.059	U	NS	
	22-Apr-15	NS		0.20 <sup>v</sup>		NS		NS		0.19 <sup>v</sup>		N		0.16		0.077	U	0.72		NS		0.061	U
	21-Jul-15	0.1	U	NS		0.5	U	3	U	NS		0.21		NS		NS		0.1 <sup>u</sup>	U	0.1 <sup>u</sup>	U	NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.1	U	NS		NS		NS	
	29-Oct-15	NS		0.1	U	NS		NS		0.1	U	NS		0.2	U	0.1	U	0.1	U	NS		0.1	U
	4-Dec-15 resample	NS		0.1	U	NS		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Jan-16	0.1		NS		0.11		0.12		NS		0.11		NS		NS		0.053	U	0.053	U	NS	
	20-Apr-16	NS		0.14		NS		NS		0.053	U	NS		0.073		0.053	U	0.053	U	NS		0.053	U
	20-Jul-16	0.26	U,L,V	NS		0.26	U,L,V	0.26	U,L,V	NS		0.77	L,V	NS		NS		0.26	U,V,L	0.26	U,L,V	NS	
	21-Oct-16	NS		0.16		NS		NS		0.069		NS		0.088		0.053	U	0.053	U	NS		0.053	U

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Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.1		NS		NS		NS		NS		NS		NS		NS		0.12		0.12		NS	
	27-Mar-08	NS	U	0.098	U	NS		NS		NS		0.125		NS		NS		NS		0.453		0.847	
	25-Apr-08	NS		NS		0.231		NS		NS		NS		0.203		NS		0.134		NS		0.265	
	29-May-08	NS		NS		NS		0.14		NS		NS		NS		0.1	U	0.11		NS		NS	
	27-Jun-08	0.263		NS		NS		NS		0.623		NS		NS		NS		NS		0.305		0.395	
	31-Jul-08	NS		0.145		NS		NS		NS		NS		NS		NS		0.13		NS		0.124	
	28-Aug-08	NS		NS		0.098	U	NS		NS		NS		1.2		NS		0.331		0.386		NS	
	30-Sep-08	NS		NS		NS		0.49	U	NS		NS		NS		0.49	U	NS		0.49	U	0.49	U
	27-Oct-08	0.49	U	NS		NS		NS		0.49	U	NS		NS		NS		0.49	U	NS		0.49	U
	25-Nov-08	NS		0.24	U	NS		NS		NS		0.24	U	NS		NS		0.24	U	0.24	U	NS	U
	18-Dec-08	NS		NS		0.24	U	NS		NS		NS		0.24	U	NS		NS		0.24	U	0.24	U
	21-Jan-09	NS		NS		NS		0.24	U	NS		NS		NS		0.24	U	0.24	U	NS		0.24	U
	25-Feb-09	0.24	U	NS		NS		NS		0.24	U	NS		NS		NS		0.24	U	0.24	U	NS	U
	26-Mar-09	NS		0.488	U	NS		NS		NS		1.29		NS		NS		NS		0.265		0.2	
	29-Apr-09	NS		NS		0.098	U	NS		NS		NS		0.136		NS		0.098	U	NS		1.34	
	22-Jul-09	0.488	U	NS		19.9	U	0.976	U	NS		0.488	U	NS		NS		0.429		0.22		NS	
	9-Oct-09	NS		0.205		NS		NS		0.263		NS		0.268		20.4	U	0.317		NS		0.312	
	15-Jan-10	0.176		NS		7.22		0.146		NS		0.19		NS		NS		0.098	U	0.185		NS	
	21-Apr-10	NS		0.098	U	NS		NS		0.488	U	NS		0.488	U	0.488	U	0.22		NS		0.2	
	16-Jul-10	0.361		NS		0.098	U	0.215		NS		0.737	U	NS		NS		0.205	U	0.346		NS	
	15-Oct-10	NS		0.171		NS		NS		0.366		NS		0.654		0.117		0.102		NS		0.166	
	26-Jan-11	2.78		0.122		NS		0.161		NS		0.488	U	NS		0.488	U	0.488	U	0.488	U	NS	
	28-Feb-11	NS		NS		0.976	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.136		NS		NS		0.185		NS		0.117		0.273		0.098	U	NS		0.122	
	26-Jul-11	0.326	U	NS		0.326	U	0.239		NS		1.37		NS		NS		0.244		0.488	U	NS	
	28-Oct-11	NS		2.4	U	NS		NS		2.4	U	NS		2.4	U	2.4	U	2.4	U	NS		2.4	U
Chloroform	23-Jan-12	0.49	U	NS		0.84		0.49	U	NS		0.49	U	NS		NS		0.49	U	0.84		NS	
	13-Apr-12	NS		0.24	U	NS		NS		0.24	U	NS		0.24	U	0.24	U	0.24	U	NS		0.24	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.2	U	NS	
	23-Jun-12	0.49	U	NS		0.49	U	0.49	U	NS		0.49	U	NS		NS		0.49	U	0.58		NS	
	1-Nov-12	NS		0.088		NS		NS		0.28		NS		0.12		0.076		0.092		NS		0.17	
	1-Feb-13	0.14		NS		0.46		0.15		NS		0.19		NS		NS		0.11		0.18		NS	
	29-Apr-13	NS		0.15		NS		NS		0.19		NS		0.13		0.13		0.16		NS		0.41	
	9-Jul-13	0.34		NS		0.63		0.33		NS		0.27		NS		NS		0.24		NS		NS	
	18-Oct-13	NS		0.098	U	NS		NS		0.29		NS		0.12		0.11		0.11		NS		0.31	
	9-Jan-14	0.12		NS		0.94		0.18		NS		0.27		NS		NS		0.16		NS		NS	
	24-Apr-14	NS		0.049	U	NS		NS		0.21		NS		0.11		0.049	U	0.16		0.16		0.32	
	1-Aug-14	1.0		NS		2.7/3.6		0.32		NS		NS		NS		NS		2.1		0.55		NS	
	27-Aug-14	NS		NS		NS		NS		0.19		NS		NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.12		NS		NS	U	NS	
	22-Oct-14	NS		0.073	U	NS		NS		0.24		0.15		0.16		0.073	U	0.073	U	0.098	U	NS	
	20-Jan-15	0.049	U	NS		1.4		0.14		NS		0.29		NS		NS		0.073	U	0.14		NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.15		NS	
	22-Apr-15	NS		0.17 <sup>v</sup>		NS		NS		0.21 <sup>v</sup>		NS		0.13		0.071	U	0.17		NS		0.17	
	21-Jul-15	0.130 <sup>j</sup>		NS		1	U	5	U	NS		0.21 <sup>j</sup>		NS		NS		0.14 <sup>j,o</sup>		0.17 <sup>j,o</sup>		NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.2	U	NS		NS		NS	
	29-Oct-15	NS		0.16 <sup>j</sup>		NS		NS		0.16 <sup>j</sup>		NS		0.4	U	0.2	U	0.2	U	NS		0.28	
	4-Dec-15 resample	NS		0.2	U	NS		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Jan-16	0.086		NS		1		0.13		NS		0.11		NS		NS		0.094		0.16		NS	
	20-Apr-16	NS		0.08		NS		NS		0.18		NS		0.1		0.096		0.1		NS		0.13	
	20-Jul-16	0.24	U	NS		0.69		0.38		NS		0.47		NS		NS		0.35		0.44		NS	
	21-Oct-16	NS		0.13		NS		NS		0.27		NS		0.12		0.23		0.1		NS		0.2	

**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	2.44		NS		NS		NS		2.44	U	NS		NS		NS		2.44	U	2.44	U	NS	
	27-Mar-08	NS	U	2.67		NS		NS		NS		3.24		NS		NS		NS	U	2.44	U	2.44	U
	25-Apr-08	NS		NS		2.44	U	NS		NS		NS		2.44	U	NS		2.44	U	NS		2.44	U
	29-May-08	NS		NS		NS		2.44	U	NS		NS		NS		2.44	U	2.44	U	NS		2.44	U
	27-Jun-08	3.8	U	NS		NS		NS		2.44	U	NS		NS		NS		NS		2.44	U	2.44	U
	31-Jul-08	NS		4.64		NS		NS		NS		NS		NS		NS		2.44	U	NS		2.44	U
	28-Aug-08	NS		NS		2.44	U	NS		NS		NS		2.44	U	NS		2.44	U	NS		NS	
	30-Sep-08	NS		NS		NS		1	U	NS		NS		NS		1	U	NS		1	U	1	U
	27-Oct-08	1	U	NS		NS		NS		1	U	NS		NS		NS		1.1		NS		3.5	
	25-Nov-08	NS		1	U	NS		NS		NS		1	U	NS		NS		1	U	1	U	NS	
	18-Dec-08	NS		NS		1	U	NS		NS		NS		1	U	NS		NS		1.4		1	U
	21-Jan-09	NS		NS		NS		1	U	NS		NS		NS		3.1		1	U	NS		1	U
	25-Feb-09	1		NS		NS		NS		1	U	NS		NS		NS		1	U	1.2		NS	
	26-Mar-09	NS		12.2	U	NS		NS		NS		24.4	U	NS		NS		NS		4.58		2.44	U
	29-Apr-09	NS		NS		22.4		NS		NS		NS		19.4		NS		2.44	U	NS		2.44	U
	22-Jul-09	18.5		NS		497	U	32		NS		41.9		NS		NS		2.44	U	6.29		NS	
	9-Oct-09	NS		2.44	U	NS		NS		2.44	U	NS		2.44	U	509	U	2.44	U	NS		2.44	U
	15-Jan-10	2.44	U	NS		2.78		2.44	U	NS		2.44		NS		NS		2.44	U	2.44		NS	
	21-Apr-10	NS		3.25		NS		NS		12.2	U	NS		12.2	U	12.2	U	2.44	U	NS		2.44	U
	16-Jul-10	1.32		NS		62.8		1.48		NS		7.79	U	NS		NS		1.03	U	1.03	U	NS	
	15-Oct-10	NS		1.03	U	NS		NS		1.03	U	NS		1.03	U	1.03	U	1.03	U	NS		1.03	U
	26-Jan-11	10.3	U	1.03	U	NS		1.03	U	NS		5.16	U	NS		5.16	U	5.16	U	5.16	U	NS	
	28-Feb-11	NS		NS		10.3	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		1.23		NS		NS		1.03	U	NS		1.03	U	1.18		1.03	U	NS		1.29	
	26-Jul-11	3.45	U	NS		3.45	U	1.03	U	NS		5.16	U	NS		NS		1.03	U	5.16	U	NS	
	28-Oct-11	NS		1	U	NS		NS		1	U	NS		1	U	1	U	1	U	NS		1.2	
	23-Jan-12	0.21	U	NS		0.21	U	0.21	U	NS		0.21	U	NS		NS		1.2		0.21	U	NS	
	13-Apr-12	NS		0.21	U	NS		NS		0.21	U	NS		0.21	U	0.21	U	1.2		NS		0.97	
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		1.1	
	23-Jun-12	0.21	U	NS		0.21	U	0.21	U	NS		2.1		NS		NS		0.21	U	0.21	U	NS	
	1-Nov-12	NS		0.041	U	NS		NS		0.041	U	NS		0.041	U	0.041	U	0.37		NS		1.1	
	1-Feb-13	0.5		NS		1.8		2.1		NS		0.19		NS		NS		0.71		NS		NS	
	29-Apr-13	NS		0.21	U	NS		NS		0.083	U	NS		0.083	U	0.083	U	0.73		NS		1.2	
	9-Jul-13	0.12	U	NS		0.083	U	0.083	U	NS		0.083	U	NS		NS		1.0		0.083	U	NS	
	18-Oct-13	NS		0.083	U	NS		NS		0.083	U	NS		0.083	U	0.083	U	0.40		NS		1.1	
	9-Jan-14	3.2		NS		1.5		0.083	U	NS		0.053	U	NS		NS		0.64		0.083	U	NS	
	24-Apr-14	NS		4.6		NS		NS		4.5		NS		3.5		1.2		0.47		1.0		1.0	
	1-Aug-14	0.083	U	NS		0.12	U	0.12	U	NS		NS		NS		NS		0.083	U	0.083	U	NS	
	27-Aug-14	NS		NS		NS		NS		NS		1.7		NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.12 <sup>L</sup>	U	NS		NS	U	NS	
	22-Oct-14	NS		1.3		NS		NS		0.12	U	0.74		0.12	U	1.30		0.74		1.1		NS	
	20-Jan-15	0.083 <sup>V</sup>	U	NS		3 <sup>V</sup>		0.083	U	NS		0.083 <sup>V</sup>	U	NS		NS		0.69 <sup>V</sup>		1.2 <sup>V</sup>	U	NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.093	U	NS	
	22-Apr-15	NS		0.085 <sup>V</sup>	U	NS		NS		0.083 <sup>V</sup>	U	NS		0.083	U	1.7/1.6		0.72		NS		1.4	
	21-Jul-15	0.69		NS		6.9		2	U	NS		2.6		NS		NS		0.11 <sup>O</sup>		NS	U	NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.09	U	NS		NS		NS	
	29-Oct-15	NS		11		NS		NS		6.5		NS		3.6		1.5		0.73		NS		0.84	
	4-Dec-15 resample	NS		0.1	U	NS		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Jan-16	0.083	U	NS		3.9		0.083	U	NS		2.1		NS		NS		1.4		1		NS	
	20-Apr-16	NS		7.7		NS		NS		<-0.083		NS		2.4		1.4		1.1		NS		1	
	20-Jul-16	0.41	U	NS		4.3		0.41	U	NS		5		NS		NS		1.1		1.6		NS	
	21-Oct-16	NS		0.083	U	NS		NS		0.083	U	NS		0.083	U	1.4		0.9		NS		0.82	

**Summary of Subslab Air Sampling Data**  
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**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.1		NS		NS		NS		0.1		NS		NS		NS		0.1		0.1		NS	
	27-Mar-08	NS	U	0.096	U	NS		NS		NS	U	0.096	U	NS		NS		NS	U	0.096	U	0.096	U
	25-Apr-08	NS		NS		0.096	U	NS		NS		NS		0.096	U	NS		0.096	U	NS		0.096	U
	29-May-08	NS		NS		NS		0.1	U	NS		NS		NS		0.1	U	0.1	U	NS		NS	U
	27-Jun-08	0.15	U	NS		NS		NS		0.096	U	NS		NS		NS		NS		0.096	U	0.096	U
	31-Jul-08	NS		0.096	U	NS		0.096	U	NS		0.096	U										
	28-Aug-08	NS		NS		0.096	U	NS		NS		NS		0.096	U	NS		0.096	U	0.096	U	NS	U
	30-Sep-08	NS		NS		NS		4.2	U	NS		NS		NS		4.2	U	NS		4.2	U	4.2	U
	27-Oct-08	4.2	U	NS		NS		NS		4.2	U	NS		NS		NS		4.2	U	NS		4.2	U
	25-Nov-08	NS		4.2	U	NS		NS		NS		4.2	U	NS		NS		4.2	U	4.2	U	NS	U
	18-Dec-08	NS		NS		4.2	U	NS		NS		NS		4.2	U	NS		NS		4.2	U	4.2	U
	21-Jan-09	NS		NS		NS		4.2	U	NS		NS		NS		4.2	U	4.2	U	NS		4.2	U
	25-Feb-09	4.2	U	NS		NS		NS		4.2	U	NS		NS		NS		4.2	U	4.2	U	NS	U
	26-Mar-09	NS		0.48	U	NS		NS		NS		0.96		NS		NS		NS		0.096	U	0.096	U
	29-Apr-09	NS		NS		0.096	U	NS		NS		NS		0.096	U	NS		0.096	U	NS		0.096	U
	22-Jul-09	0.48	U	NS		19.6	U	0.96	U	NS		0.48	U	NS		NS		0.096	U	0.096	U	NS	U
	9-Oct-09	NS		0.096	U	NS		NS		NS	U	NS		0.096	U	20	U	0.096	U	NS		0.096	U
	15-Jan-10	0.096	U	NS		0.096	U	0.096	U	NS		0.096	U	NS		NS		0.096	U	0.096	U	NS	U
	21-Apr-10	NS		0.096	U	NS		NS		0.48	U	NS		0.48	U	0.48	U	0.096	U	NS		0.096	U
	16-Jul-10	0.17	U	NS		0.17	U	0.17	U	NS		1.28	U	NS		NS		0.17	U	0.17	U	NS	U
	15-Oct-10	NS		0.17	U	NS		NS		0.17	U	NS		0.17	U	0.17	U	0.17	U	NS		0.17	U
	26-Jan-11	1.7	U	0.17	U	NS		0.17	U	NS		0.851	U	NS		0.851	U	0.851	U	0.851	U	NS	U
	28-Feb-11	NS		NS	U																		
	27-Apr-11	NS		0.17	U	NS		NS		0.17	U	NS		0.17	U	0.17	U	0.17	U	NS		0.17	U
	26-Jul-11	0.568	U	NS		0.568	U	0.17	U	NS		0.852	U	NS		NS		0.17	U	0.852	U	NS	U
	28-Oct-11	NS		4.3	U	NS		NS		4.3	U	NS		4.3	U	4.3	U	4.3	U	NS		4.3	U
	23-Jan-12	0.85	U	NS		0.85	U	0.85	U	NS		0.85	U	NS		NS		0.85	U	0.85	U	NS	U
	13-Apr-12	NS		0.85	U	NS		NS		0.85	U	NS		0.85	U	0.85	U	0.85	U	NS		0.85	U
	2-Jul-12 (resample)	NS		2.1	U	NS	U																
	23-Jun-12	0.85	U	NS		0.85	U	0.85	U	NS		0.85	U	NS		NS		0.85	U	0.85	U	NS	U
	1-Nov-12	NS		0.085	U	NS		NS		0.085	U	NS		0.085	U	0.085	U	0.085	U	NS		0.085	U
	1-Feb-13	0.17	U	NS		0.17	U	0.17	U	NS		0.17	U	NS		NS		0.17	U	0.17	U	NS	U
	29-Apr-13	NS		0.21	U	NS		NS		0.085	U	NS		0.085	U	0.085	U	0.085	U	NS		0.085	U
	9-Jul-13	0.26	U	NS		0.17	U	0.17	U	NS		0.17	U	NS		NS		0.17	U	0.17	U	NS	U
	18-Oct-13	NS		0.17	U	NS		NS		0.17	U	NS		0.17	U	0.17	U	0.17	U	NS		0.17	U
	9-Jan-14	0.17	U	NS		0.17	U	0.17	U	NS		0.17	U	NS		NS		0.17	U	0.17	U	NS	U
	24-Apr-14	NS		0.085	U	NS		NS		0.085	U	NS		0.085	U	0.085	U	0.085	U	0.085	U	0.26	U
	1-Aug-14	0.17	U	NS		0.26	U	0.26	U	NS		NS		NS		NS		0.17	U	0.17	U	NS	U
	27-Aug-14	NS		0.085	U	NS		NS		NS		NS		NS	U								
	12-Sept-14 (resample)	NS		0.13	U	NS		NS	U	NS	U												
	22-Oct-14	NS		0.13	U	NS		NS		0.13	U	0.17	U	NS	U								
	20-Jan-15	0.085	U	NS		0.085	U	0.085	U	NS		0.085	U	NS		NS		0.13	U	0.085	U	NS	U
	30-Mar-15 (resample)	NS		0.096	U	NS	U																
	22-Apr-15	NS		0.087	U	NS		NS		0.085	U	NS		0.083	U	0.12	U	0.085	U	NS		0.098	U
	21-Jul-15	0.4	U	NS		2	U	8	U	NS		0.5	U	NS		NS		0.4 °	U	0.5 °	U	NS	U
	23-Sept-15 resample	NS		0.4	U	NS		NS		NS	U												
	29-Oct-15	NS		0.5	U	NS		NS		0.5	U	NS		0.7	U	0.4	U	0.4	U	NS		0.4	U
	4-Dec-15 resample	NS		0.4	U	NS		NS	U														
	27-Jan-16	0.085	U	NS		0.085	U	0.085	U	NS		0.085	U	NS		NS		0.085	U	0.085	U	NS	U
	20-Apr-16	NS		0.085	U	NS		NS		0.085	U	NS		0.085	U	0.085	U	0.085	U	NS		0.085	U
	20-Jul-16	0.43	U	NS		0.43	U	0.43	U	NS		0.43	U	NS		NS		0.43	U	0.43	U	NS	U
	21-Oct-16	NS		0.085	U	NS		NS		0.085	U	NS		0.085	U	0.085	U	0.085	U	NS		0.085	U

**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.15	U	NS		NS		NS		0.15	U	NS		NS		NS		0.15	U	0.15	U	NS	
	27-Mar-08	NS		0.154	U	NS		NS		NS		0.154	U	NS		NS		NS		0.154	U	0.154	U
	25-Apr-08	NS		NS		0.154	U	NS		NS		NS		0.154	U	NS		0.154	U	NS		0.154	U
	29-May-08	NS		NS		NS		0.15	U	NS		NS		NS		0.15		0.15	U	NS		NS	
	27-Jun-08	0.239	U	NS		NS		NS		0.154	U	NS		NS		NS		NS		0.154	U	0.154	U
	31-Jul-08	NS		0.154	U	NS		0.154	U	NS		0.154	U										
	28-Aug-08	NS		NS		0.154	U	NS		NS		NS		0.154	U	NS		0.154	U	NS		NS	
	30-Sep-08	NS		NS		NS		0.15	U	NS		NS		NS		0.15	U	NS		0.15	U	0.15	U
	27-Oct-08	0.15	U	NS		NS		NS		0.15	U	NS		NS		NS		0.15	U	NS		NS	
	25-Nov-08	NS		0.15	U	NS		NS		NS		0.15	U	NS		NS		NS		0.15	U	NS	
	18-Dec-08	NS		NS		0.15	U	NS		NS		NS		0.15	U	NS		NS		0.15	U	0.15	U
	21-Jan-09	NS		NS		NS		0.15	U	NS		NS		NS		0.15	U	NS		NS		NS	
	25-Feb-09	0.15	U	NS		NS		NS		0.15	U	NS		NS		NS		0.15	U	0.15	U	NS	
	26-Mar-09	NS		0.768	U	NS		NS		NS		1.54	U	NS		NS		NS		0.154	U	0.154	U
	29-Apr-09	NS		NS		0.154	U	NS		NS		NS		0.154	U	NS		0.154	U	NS		0.154	U
	22-Jul-09	0.768	U	NS		31.3	U	1.54	U	NS		0.768	U	NS		NS		0.154	U	0.154	U	NS	
	9-Oct-09	NS		0.154	U	NS		NS		0.154	U	NS		0.154	U	32	U	0.154	U	NS		0.154	U
	15-Jan-10	0.154	U	NS		0.154	U	0.154	U	NS		0.154	U	NS		NS		0.154	U	0.154	U	NS	
	21-Apr-10	NS		0.154	U	NS		NS		0.768	U	NS		0.768	U	0.768	U	0.154	U	NS		0.154	U
	16-Jul-10	0.154	U	NS		0.154	U	0.154	U	NS		1.16	U	NS		NS		0.154	U	0.154	U	NS	
	15-Oct-10	NS		0.154	U	NS		NS		0.154	U	NS		0.154	U8	0.154	U	0.154	U	NS		0.154	U
	26-Jan-11	1.54	U	0.154	U	NS		0.154	U	NS		0.768	U	NS		0.768	U	0.768	U	0.768	U	NS	
	28-Feb-11	NS		NS		1.54	U	NS		NS		NS		NS									
	27-Apr-11	NS		0.154	U	NS		NS		0.154	U	NS		0.154	U	0.154	U	0.154	U	NS		0.154	U
	26-Jul-11	0.512	U	NS		0.512	U	0.154	U	NS		0.768	U	NS		NS		0.154	U	0.768	U	NS	
	28-Oct-11	NS		3.8	U	NS		NS		3.8	U	NS		3.8	U	3.8	U	3.8	U	NS		3.8	U
	23-Jan-12	0.77	U	NS		0.77	U	0.77	U	NS		0.77	U	NS		NS		0.77	U	0.77	U	NS	
	13-Apr-12	NS		0.38	U	NS		NS		0.38	U	NS		0.38	U	0.38	U	0.38	U	NS		0.38	U
	2-Jul-12 (resample)	NS		NS		1.9	U	NS															
	23-Jun-12	0.77	U	NS		0.77	U	0.77	U	NS		0.77	U	NS		NS		0.77	U	0.77	U	NS	
	1-Nov-12	NS		0.077	U	NS		NS		0.077	U	NS		0.077	U	0.077	U	0.077	U	NS		0.077	U
	1-Feb-13	0.077	U	NS		0.077	U	0.077	U	NS		0.077	U	NS		NS		0.077	U	0.077	U	NS	
	29-Apr-13	NS		0.19	U	NS		NS		0.077	U	NS		0.077	U	0.077	U	0.077	U	NS		0.077	U
	9-Jul-13	0.12	U	NS		0.077	U	0.077	U	NS		0.077	U	NS		NS		0.077	U	0.077	U	NS	
	18-Oct-13	NS		0.15	U	NS		NS		0.15	U	NS		0.15	U	0.15	U	0.15	U	NS		0.15	U
	9-Jan-14	0.15	U	NS		0.15	U	NS		0.15	U	NS		NS		NS		0.15	U	0.15	U	NS	
	24-Apr-14	NS		0.077	U	NS		NS		0.077	U	NS		0.077	U	0.077	U	0.077	U	0.077	U	0.23	U
	1-Aug-14	0.15	U	NS		0.23	U	0.23	U	NS		NS		NS		NS		0.15	U	0.15	U	NS	
	27-Aug-14	NS		NS		NS		NS		0.077	U	NS		NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		0.12	U	NS		NS		NS													
	22-Oct-14	NS		0.12	U	NS		NS		0.12	U	0.12	U	0.12	U	0.12	U	0.12	U	0.15	U	NS	
	20-Jan-15	0.077	U	NS		0.077	U	0.077	U	NS		0.077	U	NS		NS		0.12	U	0.077	U	NS	
	30-Mar-15 (resample)	NS		NS		0.086	U	NS															
	22-Apr-15	NS		0.079	U	NS		NS		0.077	U	NS		0.077	U	0.11	U	0.077	U	NS		0.088	U
	21-Jul-15	0.4	U	NS		2	U	8	U	NS		0.4	U	NS		NS		0.4 <sup>o</sup>	U	0.4 <sup>o</sup>	U	NS	
	23-Sept-15 resample	NS		0.4	U	NS		NS		NS													
	29-Oct-15	NS		0.4	U	NS		NS		0.4	U	NS		0.6	U	0.4	U	0.4	U	NS		0.4	U
	4-Dec-15 resample	NS		0.4	U	NS		NS		NS		NS											
	27-Jan-16	0.077	U	NS		0.077	U	0.077	U	NS		0.077	U	NS		NS		0.077	U	0.077	U	NS	
	20-Apr-16	NS		0.077	U	NS		NS		0.077	U	NS		0.077	U	0.077	U	0.077	U	NS		0.077	U
	20-Jul-16	0.38	U	NS		0.38	U	0.38	U	NS		0.38	U	NS		NS		0.38	U	0.38	U	NS	
	21-Oct-16	NS		0.077	U	NS		NS		0.077	U	NS		0.077	U	0.077	U	0.077	U	NS		0.077	U

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**Alvarez School**  
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**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.12		NS		NS		NS		0.12	U	NS		NS		NS		0.12	U	0.55		NS	
	27-Mar-08	NS	U	0.12	U	NS		NS		NS		0.12	U	NS		NS		NS		0.12	U	0.12	U
	25-Apr-08	NS		NS		0.12	U	NS		NS		NS		0.12	U	NS		0.12	U	NS		0.12	U
	29-May-08	NS		NS		NS		0.12	U	NS		NS		NS		0.12	U	0.12	U	NS		NS	U
	27-Jun-08	0.187	U	NS		NS		NS		0.12	U	NS		NS		NS		NS		0.12	U	0.12	U
	31-Jul-08	NS		0.12	U	NS		NS		NS		NS		NS		NS		0.12	U	NS		0.12	U
	28-Aug-08	NS		NS		0.12	U	NS		NS		NS		0.12	U	NS		0.12	U	NS		NS	U
	30-Sep-08	NS		NS		NS		3	U	NS		NS		NS		3	U	NS		3	U	3	U
	27-Oct-08	3	U	NS		NS		NS		3	U	NS		NS		NS		3	U	NS		3	U
	25-Nov-08	NS		3	U	NS		NS		NS		3	U	NS		NS		3	U	3	U	NS	U
	18-Dec-08	NS		NS		3	U	NS		NS		NS		3	U	NS		NS		3	U	3	U
	21-Jan-09	NS		NS		NS		3	U	NS		NS		NS		3	U	NS		3	U	3	U
	25-Feb-09	3	U	NS		NS		NS		3	U	NS		NS		NS		3	U	3	U	NS	U
	26-Mar-09	NS		0.601	U	NS		NS		NS		1.2	U	NS		NS		NS		0.12	U	0.12	U
	29-Apr-09	NS		NS		0.12	U	NS		NS		NS		0.12	U	NS		0.12	U	NS		0.12	U
	22-Jul-09	0.601	U	NS		24	U	1.2	U	NS		0.601	U	NS		NS		0.12	U	0.12	U	NS	U
	9-Oct-09	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	25.1	U	0.12	U	NS		0.12	U
	15-Jan-10	0.12	U	NS		0.12	U	0.12	U	NS		0.12	U	NS		NS		0.12	U	NS		NS	U
	21-Apr-10	NS		0.12	U	NS		NS		0.601	U	NS		0.601	U	0.601	U	0.12	U	NS		0.12	U
	16-Jul-10	0.12	U	NS		0.12	U	0.12	U	NS		0.907	U	NS		NS		0.12	U	1.2	U	NS	U
	15-Oct-10	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U
	26-Jan-11	1.2	U	0.12	U	NS		0.12	U	NS		0.601	U	NS		0.601	U	0.601	U	0.601	U	NS	U
	28-Feb-11	NS		NS		1.2	U	NS		NS		NS		NS		NS		NS		NS		NS	U
	27-Apr-11	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U
	26-Jul-11	0.401	U	NS		0.401	U	0.12	U	NS		0.601	U	NS		NS		0.12	U	0.601	U	NS	U
	28-Oct-11	NS		3	U	NS		NS		3	U	NS		3	U	3	U	3	U	NS		3	U
	23-Jan-12	0.6	U	NS		0.6	U	0.1	U	NS		0.6	U	NS		NS		0.6	U	7.5		NS	U
	13-Apr-12	NS		0.6	U	NS		NS		0.6	U	NS		0.6	U	0.6	U	0.6	U	NS		0.6	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		3	U	NS	U
	23-Jun-12	0.6	U	NS		0.6	U	0.6	U	NS		0.6	U	NS		NS		0.6	U	0.6	U	NS	U
	1-Nov-12	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U
	1-Feb-13	0.12	U	NS		0.12	U	0.12	U	NS		0.12	U	NS		NS		0.12	U	0.12	U	NS	U
	29-Apr-13	NS		0.3	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U
	9-Jul-13	0.18	U	NS		0.12	U	0.12	U	NS		0.12	U	NS		NS		0.12	U	0.12	U	NS	U
	18-Oct-13	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U
	9-Jan-14	0.12	U	NS		0.12	U	0.12	U	NS		0.12	U	NS		NS		0.12	U	0.12	U	NS	U
	24-Apr-14	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	0.12	U	0.18	U
	1-Aug-14	0.12	U	NS		0.18	U	0.69	U	NS		NS		NS		NS		0.12	U	0.12	U	NS	U
	27-Aug-14	NS		NS		NS		NS		NS		0.12	U	NS		NS		NS		NS		NS	U
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.18	U	NS		NS	U	NS	U
	22-Oct-14	NS		0.18	U	NS		NS		0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.24	U	NS	U
	20-Jan-15	0.12	U	NS		0.12	U	0.12	U	NS		0.12	U	NS		NS		0.18	U	0.12	U	NS	U
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.14	U	NS	U
	22-Apr-15	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.17	U	0.12	U	NS		0.14	U
	21-Jul-15	0.3	U	NS		0.900 <sup>J</sup>	U	6	U	NS		0.3	U	NS		NS		0.3 <sup>O</sup>	U	0.84 <sup>O</sup>		NS	U
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.3	U	NS		NS		NS	U
	29-Oct-15	NS		0.3	U	NS		NS		4	U	NS		0.5	U	0.3	U	0.3	U	NS		0.3	U
	4-Dec-15 resample	NS		0.3	U	NS		NS		NS		NS		NS		NS		NS		NS		NS	U
	27-Jan-16	0.12	U	NS		0.12	U	0.12	U	NS		0.12	U	NS		NS		0.12	U	0.12	U	NS	U
	20-Apr-16	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U
	20-Jul-16	0.60	U	NS		0.60	U	0.60	U	NS		0.60	U	NS		NS		0.60	U	0.60	U	NS	U
	21-Oct-16	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U

1,2-Dichlorobenzene

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**Alvarez School**  
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Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.12		NS		NS		NS		0.12	U	NS		NS		NS		0.12	U	0.12	U	NS	
	27-Mar-08	NS	U	0.12	U	NS		0.6		NS		0.12	U	NS		NS		NS		0.12	U	0.12	U
	25-Apr-08	NS		NS		0.12	U	NS		NS		NS		0.12	U	NS		0.12	U	NS		0.12	U
	29-May-08	NS		NS		NS		1.18		NS		NS		NS		3.47		0.62		0.22		NS	
	27-Jun-08	0.187	U	NS		NS		NS		0.257		NS		NS		NS		NS		0.12	U	0.12	U
	31-Jul-08	NS		0.822		NS		NS		NS		NS		NS		NS		0.136		NS		0.12	U
	28-Aug-08	NS		NS		0.12	U	NS		NS		NS		0.12	U	NS		0.12	U	0.12	U	NS	
	30-Sep-08	NS		NS		NS		3	U	NS		NS		NS		3	U	NS		3	U	3	U
	27-Oct-08	3	U	NS		NS		NS		3	U	NS		NS		NS		3	U	NS		3	U
	25-Nov-08	NS		3	U	NS		NS		NS		3	U	NS		NS		3	U	3	U	NS	
	18-Dec-08	NS		NS		3	U	NS		NS		NS		3	U	NS		NS		3	U	3	U
	21-Jan-09	NS		NS		NS		3	U	NS		NS		NS		3	U	NS		3	U	3	U
	25-Feb-09	3	U	NS		NS		NS		3	U	NS		NS		NS		3	U	3	U	NS	
	26-Mar-09	NS		0.601	U	NS		NS		NS		1.2	U	NS		NS		NS		0.12	U	0.12	U
	29-Apr-09	NS		NS		0.12	U	NS		NS		NS		0.12	U	NS		0.12	U	NS		0.12	U
	22-Jul-09	0.601	U	NS		24.5	U	1.2	U	NS		0.601	U	NS		NS		0.12	U	0.36		NS	
	9-Oct-09	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	25.1	U	0.12	U	NS		0.12	U
	15-Jan-10	0.12		NS		0.12	U	0.12	U	NS		0.12	U	NS		NS		0.12	U	0.12	U	NS	
	21-Apr-10	NS		0.12	U	NS		NS		0.601	U	NS		0.601	U	0.601	U	0.12	U	NS		0.12	U
	16-Jul-10	0.595		NS		0.685		1.99		NS		0.907	U	NS		NS		0.132		0.162		NS	
	15-Oct-10	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U
	26-Jan-11	1.2	U	0.12	U	NS		0.12	U	NS		0.601	U	NS		0.601	U	0.601	U	0.601	U	NS	
	28-Feb-11	NS		NS		1.2	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.12	U	NS		NS		0.42		NS		0.156		0.12	U	0.12	U	NS		0.12	U
	26-Jul-11	0.401	U	NS		0.401	U	0.12	U	NS		0.601	U	NS		NS		0.12	U	0.601	U	NS	
	28-Oct-11	NS		3	U	NS		NS		3	U	NS		3	U	3	U	3	U	NS		3	U
	23-Jan-12	1.6		NS		1.8		2.3		NS		1.6		NS		NS		1.9		2.7		NS	
	13-Apr-12	NS		0.6	U	NS		NS		0.6	U	NS		0.6	U	2		0.6	U	NS		0.6	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		3	U	NS	
	23-Jun-12	0.6	U	NS		0.6	U	0.6	U	NS		0.6	U	NS		NS		0.6	U	0.6	U	NS	
	1-Nov-12	NS		1.2		NS		NS		2.6		NS		6		2.2		0.18		NS		0.12	U
	1-Feb-13	0.18		NS		0.34		0.56		NS		0.44		NS		NS		0.17		0.12	U	NS	
	29-Apr-13	NS		1.3		NS		NS		4.5		NS		6.5		6		0.12	U	NS		0.14	
	9-Jul-13	1.3		NS		2.0		3.9		NS		3.8		NS		NS		0.12	U	0.12	U	NS	
	18-Oct-13	NS		0.52		NS		NS		1.4		NS		2.6		2.2		0.16		NS		0.22	
	9-Jan-14	0.58		NS		0.9		1.1		NS		0.84		NS		NS		3.0		4.1		NS	
	24-Apr-14	NS		0.12	U	NS		NS		0.14		NS		0.12	U	0.12	U	0.1	U	0.12	U	0.18	U
	1-Aug-14	4.2		NS		4.8/6.7		4.9/7.6		NS		NS		NS		NS		3.6		5.1/6.2		NS	
	27-Aug-14	NS		NS		NS		NS		NS		0.80		NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.82		NS		NS	U	NS	
	22-Oct-14	NS		0.18	U	NS		NS		0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.24	U	NS	
	20-Jan-15	0.12	U	NS		0.120	U	0.12	U	NS		0.12	U	NS		NS		0.2		0.12	U	NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.14	U	NS	
	22-Apr-15	NS		0.13		NS		NS		0.36		NS		1.5		0.78/0.87		0.12	U	NS		0.17	
	21-Jul-15	0.3	U	NS		1	U	6	U	NS		0.30 <sup>J</sup>		NS		NS		0.3 <sup>O</sup>	U	0.3 <sup>O</sup>	U	NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.3	U	NS		NS		NS	
	29-Oct-15	NS		0.3	U	NS		NS		0.3	U	NS		0.5	U	0.3	U	0.3	U	NS		0.3	U
	4-Dec-15 resample	NS		0.3	U	NS		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Jan-16	0.12	U	NS		0.12	U	0.22 <sup>M</sup>		NS		0.12	U	NS		NS		0.21 <sup>M</sup>		0.12	U	NS	
	20-Apr-16	NS		0.31		NS		NS		0.51		NS		0.9		0.24		0.22		NS		0.21	U
	20-Jul-16	0.60	U	NS		1.3		0.60	U	NS		0.60	U	NS		NS		0.60	U	0.60	U	NS	
	21-Oct-16	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U

**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	1.56		NS		NS		NS		0.26		NS		NS		NS		9.5		7.91		NS	
	27-Mar-08	NS		4.33		NS		NS		NS		8.48		NS		NS		NS		6.28		15.1	
	25-Apr-08	NS		NS		0.347		NS		NS		NS		32.3		NS		17.9		NS		16.3	
	29-May-08	NS		NS		NS		5.5		NS		NS		NS		10		9.41		4.18		NS	
	27-Jun-08	47.3		NS		NS		NS		38.1		NS		NS		NS		NS		40.8		57.9	
	31-Jul-08	NS		2.46		NS		1.84		NS		2.04											
	28-Aug-08	NS		NS		234		NS		NS		NS		214		NS		229		208		NS	
	30-Sep-08	NS		NS		NS		7.2		NS		NS		NS		3	U	NS		6.8		5.6	
	27-Oct-08	3	U	NS		NS		NS		3	U	NS		NS		NS		3	U	NS		3	U
	25-Nov-08	NS		3	U	NS		NS		NS		3	U	NS		NS		3	U	3		NS	
	18-Dec-08	NS		NS		3	U	NS		NS		NS		4.7		NS		NS		10.3		17.1	
	21-Jan-09	NS		NS		NS		3	U	NS		NS		NS		3	U	13.9		NS		27.2	
	25-Feb-09	3	U	NS		NS		NS		3	U	NS		NS		NS		3	U	3		NS	
	26-Mar-09	NS		5.43		NS		*		NS		4.87		NS		NS		NS		20.6		33	
	29-Apr-09	NS		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	NS		0.601	U	NS		NS		0.348		0.613		NS	
	9-Oct-09	NS		3.31		NS		NS		3.44		NS		2.79		25.1	U	6.95		NS		3.82	
	15-Jan-10	0.12		NS		1.06		0.715		NS		0.823		NS		NS		2		1.98		NS	
	21-Apr-10	NS		0.12	U	NS		NS		0.601	U	NS		0.601	U	0.601	U	3.27		NS		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	NS		0.12	U	NS		0.601	U	NS		0.601	U	0.601	U	0.601	U	NS	
	28-Feb-11	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		NS		3	U	NS		3	U	3	U	3	U	NS		3	U
1,4-Dichlorobenzene	23-Jan-12	0.6	U	NS		0.6	U	0.6	U	NS		0.6	U	NS		NS		0.6	U	0.66		NS	
	13-Apr-12	NS		0.6	U	NS		NS		0.6	U	NS		0.6	U	0.6	U	0.6	U	NS		0.6	U
	2-Jul-12 (resample)	NS		NS		3		NS															
	23-Jun-12	0.6	U	NS		0.6	U	0.6	U	NS		0.6	U	NS		NS		0.6	U	0.6	U	NS	
	1-Nov-12	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U
	1-Feb-13	0.12	U	NS		0.12	U	0.4		NS		0.12	U	NS		NS		0.12	U	0.12	U	NS	
	29-Apr-13	NS		0.3	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U
	9-Jul-13	0.18	U	NS		0.14		0.16		NS		0.18		NS		NS		0.18		NS		0.22	
	18-Oct-13	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U
	9-Jan-14	0.12	U	NS		0.12	U	0.12	U	NS		0.12	U	NS		NS		0.14		0.12	U	NS	
	24-Apr-14	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	0.12	U	0.18	U
	1-Aug-14	0.12	U	NS		0.18	U	0.18	U	NS		NS		NS		NS		0.12	U	0.12	U	NS	
	27-Aug-14	NS		0.12	U	NS		NS		NS		NS		NS									
	12-Sept-14 (resample)	NS		0.18	U	NS		NS	U	NS													
	22-Oct-14	NS		0.18	U	NS		NS		0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.24	U	NS	
	20-Jan-15	0.12	U	NS		0.120	U	0.12	U	NS		0.12	U	NS		NS		0.18	U	0.13		NS	
	30-Mar-15 (resample)	NS		NS		0.14	U	NS															
	22-Apr-15	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.17	U	0.12	U	NS		0.14	U
	21-Jul-15	0.3	U	NS		1	U	6	U	NS		0.3	U	NS		NS		0.3 <sup>o</sup>	U	0.3 <sup>o</sup>	U	NS	
	23-Sept-15 resample	NS		0.3	U	NS		NS		NS													
	29-Oct-15	NS		0.3	U	NS		NS		0.3	U	NS		0.5	U	0.3	U	0.3	U	NS		0.3	U
	4-Dec-15 resample	NS		0.3	U	NS		NS		NS		NS											
	27-Jan-16	0.12	U	NS		0.12	U	0.12	U	NS		0.12	U	NS		NS		0.12	U	0.13		NS	
	20-Apr-16	NS		0.12	U	NS		NS		0.52		NS		0.12	U	0.12	U	0.12	U	NS		0.12	U
	20-Jul-16	0.60	U	NS		0.60	U	0.60	U	NS		0.60	U	NS		NS		0.60	U	0.60	U	NS	
	21-Oct-16	NS		0.12	U	NS		NS		0.12	U	NS		0.12	U	0.12	U	0.12	U	NS		0.12	U

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**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	2		NS		NS		NS		2.03		NS		NS		NS		1.92		2		NS	
	27-Mar-08	NS		2.29		NS		NS		NS		2.15		NS		NS		NS		2.72		4.14	
	25-Apr-08	NS		NS		2.01		NS		NS		NS		2.11		NS		2.04		NS		2.16	
	29-May-08	NS		NS		NS		1.63		NS		NS		NS		1.62		1.68		1.66		NS	
	27-Jun-08	2.03		NS		NS		NS		2.52		NS		NS		NS		NS		2.27		2.48	
	31-Jul-08	NS		1.9		NS		NS		NS		NS		NS		NS		1.81		NS		1.87	
	28-Aug-08	NS		NS		3.13		NS		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	NS		2.5	U	2.7	
	27-Oct-08	2.5	U	NS		NS		NS		2.5	U	NS		NS		NS		2.5	U	NS		2.5	U
	25-Nov-08	NS		215		NS		NS		NS		11.7		NS		NS		2.5	U	5.1		NS	
	18-Dec-08	NS		NS		25		NS		NS		NS		2.5	U	NS		NS		2.5	U	2.5	U
	21-Jan-09	NS		NS		NS		2.5	U	NS		NS		NS		5.8		2.5	U	NS		2.5	U
	25-Feb-09	2.5	U	NS		NS		NS		19.4		NS		NS		NS		2.5	U	3.4		NS	
	26-Mar-09	NS		2.55		NS		NS		NS		2.48		NS		NS		NS		2.46		2.41	
	29-Apr-09	NS		NS		2.41		NS		NS		NS		3.78		NS		2.26		NS		2.4	
	22-Jul-09	2.42		NS		2.42		2.72		NS		2.5		NS		NS		2.37		2.48		NS	
	9-Oct-09	NS		2.73		NS		NS		2.77		NS		3.67		51.6	U	2.64		NS		2.79	
	15-Jan-10	2.5		NS		3.57		2.52		NS		2.61		NS		NS		2.29		2.25		NS	
	21-Apr-10	NS		0.568		NS		NS		2.2		NS		2.59		2.2		2.64		NS		2.43	
	16-Jul-10	3.36		NS		2.61		2.55		NS		2.98		NS		NS		3.15		3.29		NS	
	15-Oct-10	NS		3.13		NS		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		NS		2.57		3.31		3.24		NS	
	28-Feb-11	NS		NS		2.47	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		2.18		NS		NS		2.27		NS		2.26		2.5		2.32		NS		2.31	
	26-Jul-11	2.41		NS		2.29		2.28		NS		2.08		NS		NS		2.44		2.3		NS	
	28-Oct-11	NS		2.7		NS		NS		2.7		NS		2.7		2.7		2.9		NS		3.1	
	23-Jan-12	2.5		NS		2.6		2.6		NS		2.7		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		2.8	
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		2.8		NS	
	23-Jun-12	2.6		NS		2.3		2.5		NS		2.3		NS		NS		2.3		2.3		NS	
	1-Nov-12	NS		1.8		NS		NS		1.8		NS		2		1.9		2		NS		1.9	
	1-Feb-13	1.4		NS		1.4		1.5		NS		1.6		NS		NS		1.6		1.6		NS	
	29-Apr-13	NS		2.6		NS		NS		2.3		NS		2.2		2.2		2.3		NS		2.3	
	9-Jul-13	1		NS		1.1		0.99		NS		1.1		NS		NS		1.0		1.1		NS	
	18-Oct-13	NS		2.0		NS		NS		1.9		NS		1.9		2.2		2.0		NS		2.1	
	9-Jan-14	1.5		NS		1.2		1.3		NS		1.4		NS		NS		1.5		1.5		NS	
	24-Apr-14	NS		2.7		NS		NS		2.6		NS		2.3		2.6		2.7		2.6		3.1	
	1-Aug-14	1.1		NS		2.2/1.5		2.3/1.6		NS		NS		NS		NS		1.6		2.2/1.6		NS	
	27-Aug-14	NS		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		NS	U	NS	
	22-Oct-14	NS		1.3		NS		NS		1.4		1.4		1.4		1.6		1.4		1.4		NS	
	20-Jan-15	0.099	U	NS		1.5		1.4		NS		1.4		NS		NS		1.4		1.5		NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.4		NS	
	22-Apr-15	NS		4.0 <sup>V</sup>		NS		NS		4.1 <sup>V</sup>		NS		1.8		1.7/2.0		1.8		NS		2.0	
	21-Jul-15	0.88		NS		1.6		5	U	NS		0.91		NS		NS		0.74 <sup>O</sup>		0.72 <sup>O</sup>		NS	
	23-Sept-15 resample	NS		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		NS		0.84	
	4-Dec-15 resample	NS		0.91		NS		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Jan-16	2 <sup>M</sup>		NS		2 <sup>M</sup>		2.1 <sup>M</sup>		NS		2.1 <sup>M</sup>		NS		NS		2.2 <sup>M</sup>		2.1 <sup>M</sup>		NS	
	20-Apr-16	NS		1.5		NS		NS		1.6		NS		1.5		1.7		1.6		NS		1.7	
	20-Jul-16	1.4		NS		1.6		1.6		NS		1.6		NS		NS		1.5		NS		NS	
	21-Oct-16	NS		0.55		NS		NS		0.55		NS		0.58		0.56		0.51		NS		0.51	

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Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.08		NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U	NS	
	27-Mar-08	NS	U	0.081	U	NS		NS		NS		0.081	U	NS		NS		NS	U	0.081	U	0.081	U
	25-Apr-08	NS		NS		0.081	U	NS		NS		NS		0.081	U	NS		0.081	U	NS		0.081	U
	29-May-08	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U	NS		NS	
	27-Jun-08	0.126	U	NS		NS		NS		0.081	U	NS		NS		NS		NS	U	0.081	U	0.081	U
	31-Jul-08	NS		0.081	U	NS		NS		NS		NS		NS		NS		0.081	U	NS		0.081	U
	28-Aug-08	NS		NS		0.081	U	NS		NS		NS		0.081	U	NS		0.081	U	NS		NS	
	27-Oct-08	NS		NS		NS		2	U	NS		NS		NS		2	U	NS	U	2	U	2	U
	27-Oct-08	2	U	NS		NS		NS		2	U	NS		NS		NS		2	U	NS		2	U
	25-Nov-08	NS		2	U	NS		NS		NS		2	U	NS		NS		2	U	2	U	NS	
	18-Dec-08	NS		NS		2	U	NS		NS		NS		2	U	NS		NS	U	2	U	2	U
	21-Jan-09	NS		NS		NS		2	U	NS		NS		NS		2	U	2	U	NS		2	U
	25-Feb-09	2	U	NS		NS		NS		2	U	NS		NS		NS		2	U	2	U	NS	
	26-Mar-09	NS		0.404	U	NS		NS		NS		0.809	U	NS		NS		NS	U	0.081	U	0.081	U
	29-Apr-09	NS		NS		0.19		NS		NS		NS		0.081	U	NS		0.121		NS		0.081	U
	22-Jul-09	0.404	U	NS		16.5	U	0.801	U	NS		0.404	U	NS		NS		0.081	U	0.081	U	NS	
	9-Oct-09	NS		0.081	U	NS		NS		0.081	U	NS		0.081	U	16.9	U	0.081	U	NS		0.081	U
	15-Jan-10	0.137	U	NS		0.081	U	0.801	U	NS		0.081	U	NS		NS		0.081	U	NS		NS	
	21-Apr-10	NS		0.081	U	NS		NS		0.404	U	NS		0.404	U	0.404	U	0.081	U	NS		0.081	U
	16-Jul-10	0.081	U	NS		2.48		0.081	U	NS		0.611	U	NS		NS		0.081	U	0.081	U	NS	
	15-Oct-10	NS		0.081	U	NS		NS		0.081	U	NS		0.081	U	0.081	U	0.081	U	NS		0.081	U
	26-Jan-11	0.809	U	0.081	U	NS		0.081	U	NS		7.37	U	NS		0.404	U	0.404	U	0.404	U	NS	
	28-Feb-11	NS		NS		0.809	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.081	U	NS		NS		0.081	U	NS		0.081	U	0.081	U	0.081	U	NS		0.081	U
	26-Jul-11	0.27	U	NS		0.27	U	0.081	U	NS		0.405	U	NS		NS		0.081	U	0.405	U	NS	
	28-Oct-11	NS		2	U	NS		NS		2	U	NS		2	U	2	U	2	U	NS		2	U
	23-Jan-12	0.4	U	NS		0.4	U	0.4	U	NS		0.4	U	NS		NS		0.4	U	0.4	U	NS	
	13-Apr-12	NS		0.2	U	NS		NS		0.2	U	NS		0.2	U	0.2	U	0.2	U	NS		0.2	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1	U	NS	
	23-Jun-12	0.4	U	NS		0.4	U	0.4	U	NS		0.4	U	NS		NS		0.4	U	0.4	U	NS	
	1-Nov-12	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.040	U	NS		0.04	U
	1-Feb-13	0.04	U	NS		0.04	U	0.04	U	NS		0.04	U	NS		NS		0.040	U	0.040	U	NS	
	29-Apr-13	NS		0.2	U	NS		NS		0.081	U	NS		0.081	U	0.081	U	0.081	U	NS		0.081	U
	9-Jul-13	0.061	U	NS		0.040	U	0.040	U	NS		0.040	U	NS		NS		0.040	U	0.040	U	NS	
	18-Oct-13	NS		0.081	U	NS		NS		0.081	U	NS		0.081	U	0.081	U	0.081	U	NS		0.081	U
	9-Jan-14	0.081	U	NS		0.081	U	0.081	U	NS		0.081	U	NS		NS		0.081	U	0.081	U	NS	
	24-Apr-14	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.040	U	0.040	U	0.12	U
	1-Aug-14	0.081	U	NS		0.280		0.120	U	NS		NS		NS		NS		0.081	U	0.081	U	NS	
	27-Aug-14	NS		NS		NS		NS		NS		0.040	U	NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.061	U	NS		NS	U	NS	
	22-Oct-14	NS		0.061	U	NS		NS		0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.081	U	NS	
	20-Jan-15	0.04	U	NS		0.040	U	0.040	U	NS		0.040	U	NS		NS		0.061	U	0.040	U	NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.046	U	NS	
	22-Apr-15	NS		0.041 <sup>v</sup>	U	NS		NS		0.04 <sup>v</sup>	U	NS		0.04	U	0.059	U	0.040	U	NS		0.047	U
	21-Jul-15	0.2	U	NS		0.8	U	4	U	NS		0.2	U	NS		NS		0.200 <sup>o</sup>	U	0.200 <sup>o</sup>	U	NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.2	U	NS		NS		NS	
	29-Oct-15	NS		0.2	U	NS		NS		0.2	U	NS		0.3	U	0.2	U	0.2	U	NS		0.2	U
	4-Dec-15 resample	NS		0.2	U	NS		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Jan-16	0.04	U	NS		0.044		0.04	U	NS		0.04	U	NS		NS		0.04	U	0.04	U	NS	
	20-Apr-16	NS		0.040	U	NS		NS		0.040	U	NS		0.040	U	0.040	U	0.040	U	NS		0.040	U
	20-Jul-16	0.20	U	NS		0.37		0.20	U	NS		0.51		NS		NS		0.20	U	0.20	U	NS	
	21-Oct-16	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.04	U	NS		0.24	

**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.08	U	NS		NS		NS		0.08	U	NS		NS		NS		0.09	U	0.08	U	NS	
	27-Mar-08	NS		0.081	U	NS		NS		NS		0.143		NS		NS		NS		0.081	U	0.1	
	25-Apr-08	NS		NS		0.081	U	NS		NS		NS		0.081	U	NS		0.081	U	NS		0.089	
	29-May-08	NS		NS		NS		0.09		NS		NS		NS		0.11		0.08	U	NS		NS	
	27-Jun-08	0.126	U	NS		NS		NS		0.153		NS		NS		NS		NS		0.11		0.081	U
	31-Jul-08	NS		0.081	U	NS		NS		NS		NS		NS		NS		0.081	U	NS		0.081	U
	28-Aug-08	NS		NS		0.171		NS		NS		NS		NS		NS		0.081	U	0.081	U	NS	
	27-Oct-08	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	NS		0.08	U	0.08	U
	27-Oct-08	0.08	U	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	NS		0.095	
	25-Nov-08	NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		0.08	U	0.08	U	NS	
	18-Dec-08	NS		NS		0.08	U	NS		NS		NS		0.08	U	NS		NS		0.08	U	0.08	U
	21-Jan-09	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U	NS		0.08	U
	25-Feb-09	0.08	U	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U	NS	
	26-Mar-09	NS		0.404	U	NS		NS		NS		0.809	U	NS		NS		NS		0.098		0.133	
	29-Apr-09	NS		NS		0.319		NS		NS		NS		0.081	U	NS		0.081	U	NS		0.089	
	22-Jul-09	0.404	U	NS		16.5	U	0.809	U	NS		0.404	U	NS		NS		0.081	U	0.081	U	NS	
	9-Oct-09	NS		0.081	U	NS		NS		0.081	U	NS		0.081	U	16.9	U	0.081	U	NS		0.081	U
	15-Jan-10	0.081	U	NS		0.081	U	0.081	U	NS		0.081	U	NS		NS		0.081	U	0.081	U	NS	
	21-Apr-10	NS		0.081	U	NS		NS		0.404	U	NS		0.404	U	0.404	U	0.081	U	NS		0.081	U
	16-Jul-10	0.101		NS		1.44		0.081	U	NS		0.611	U	NS		NS		0.081	U	0.081	U	NS	
	15-Oct-10	NS		0.081	U	NS		NS		0.081	U	NS		0.081	U	0.081	U	0.081	U	NS		0.081	U
	26-Jan-11	0.809	U	0.081	U	NS		0.081	U	NS		0.404	U	NS		0.404	U	0.404	U	0.404	U	NS	
	28-Feb-11	NS		NS		0.809	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.081	U	NS		NS		0.081	U	NS		0.081	U	0.081	U	0.081	U	NS		0.081	
	26-Jul-11	0.27	U	NS		0.27	U	0.101		NS		0.405	U	NS		NS		0.081	U	0.405	U	NS	
	28-Oct-11	NS		2	U	NS		NS		2	U	NS		2	U	2	U	2	U	NS		2	U
	23-Jan-12	0.2	U	NS		0.2	U	0.2	U	NS		0.2	U	NS		NS		0.2	U	0.97		NS	
	13-Apr-12	NS		0.2	U	NS		NS		0.2	U	NS		0.2	U	0.2	U	0.2	U	NS		0.2	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1	U	NS	
	23-Jun-12	0.4	U	NS		0.4	U	0.4	U	NS		0.4	U	NS		NS		0.4	U	0.4	U	NS	
	1-Nov-12	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.04	U	NS		0.057	
	1-Feb-13	0.053		NS		0.062		0.062		NS		0.05		NS		NS		0.066		0.049		NS	
	29-Apr-13	NS		0.19		NS		NS		0.06		NS		0.04	U	0.081		0.079		NS		0.094	
	9-Jul-13	0.12	U	NS		0.081	U	0.081		NS		0.081	U	NS		NS		0.092	U	0.081	U	NS	
	18-Oct-13	NS		0.081	U	NS		NS		0.081	U	NS		0.081	U	0.081	U	0.081	U	NS		0.081	U
	9-Jan-14	0.081	U	NS		0.040	U	0.040	U	NS		0.040	U	NS		NS		0.081		0.040	U	NS	
	24-Apr-14	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.04	U	0.040	U	0.073	
	1-Aug-14	0.040	U	NS		0.170		0.061	U	NS		NS		NS		NS		0.04	U	0.040	U	NS	
	27-Aug-14	NS		NS		NS		NS		NS		0.040	U	NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.061	U	NS		NS	U	NS	
	22-Oct-14			0.061	U	NS		NS		0.061	U	0.061	U	0.061	U	0.061	U	0.061	U	0.081	U	NS	
	20-Jan-15	0.040	U	NS		0.040	U	0.040	U	NS		0.040	U	NS		NS		0.061	U	0.100		NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.046	U	NS	
	22-Apr-15	NS		0.17 <sup>v</sup>		NS		NS		0.087 <sup>v</sup>		NS		0.04	U	0.059	U	0.040	U	NS		0.047	U
	21-Jul-15	0.140 <sup>j</sup>		NS		0.8	U	4	U	NS		0.2	U	NS		NS		0.200 <sup>o</sup>		0.86 <sup>o</sup>		NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.2	U	NS		NS		NS	
	29-Oct-15	NS		0.2	U	NS		NS		0.2	U	NS		0.3	U	0.2	U	0.2	U	NS		0.18 <sup>j</sup>	
	4-Dec-15 resample	NS		0.2	U	NS		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Jan-16	0.04	U	NS		0.057		0.042		NS		0.049		NS		NS		0.065		0.05		NS	
	20-Apr-16	NS		0.053		NS		NS		0.040	U	NS		0.040	U	0.049		0.058		NS		0.060	
	20-Jul-16	0.20	U	NS		0.20	U	0.20	U	NS		0.28		NS		NS		0.21		0.20	U	NS	
	21-Oct-16	NS		0.086		NS		NS		0.04	U	NS		0.04	U	0.045		0.04	U	NS		0.052	

**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.08		NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U	NS	
	27-Mar-08	NS	U	0.079	U	NS		NS		NS		0.079	U	NS		NS		NS		0.079	U	0.079	U
	25-Apr-08	NS		NS		0.079	U	NS		NS		NS		0.079	U	NS		0.079	U	NS		0.079	U
	29-May-08	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U	NS		NS	
	27-Jun-08	0.123	U	NS		NS		NS		0.079	U	NS		NS		NS		NS		0.079	U	0.079	U
	31-Jul-08	NS		0.079	U	NS		NS		NS		NS		NS		NS		0.079	U	NS		0.079	U
	28-Aug-08	NS		NS		0.079	U	NS		NS		NS		0.079	U	NS		0.079	U	0.079	U	NS	
	30-Sep-08	NS		NS		NS		2	U	NS		NS		NS		2	U	NS		2	U	2	U
	27-Oct-08	2	U	NS		NS		NS		2	U	NS		NS		NS		2	U	NS		2	U
	25-Nov-08	NS		2	U	NS		NS		NS		2	U	NS		NS		2	U	2	U	NS	
	18-Dec-08	NS		NS		2	U	NS		NS		NS		2	U	NS		NS		2	U	2	U
	21-Jan-09	NS		NS		NS		2	U	NS		NS		NS		2	U	NS		2	U	2	U
	25-Feb-09	2	U	NS		NS		NS		2	U	NS		NS		NS		2	U	2	U	NS	
	26-Mar-09	NS		0.396	U	NS		NS		NS		0.792	U	NS		NS		NS		0.079	U	0.079	U
	29-Apr-09	NS		NS		0.079	U	NS		NS		NS		0.079	U	NS		NS		NS		0.079	U
	22-Jul-09	0.396	U	NS		16.2	U	0.792	U	NS		0.396	U	NS		NS		0.079	U	0.079	U	NS	
	9-Oct-09	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	16.5	U	0.079	U	NS		0.079	U
	15-Jan-10	0.137	U	NS		0.079	U	0.079	U	NS		0.079	U	NS		NS		0.079	U	NS		NS	
	21-Apr-10	NS		0.079	U	NS		NS		0.396	U	NS		0.396	U	0.396	U	0.079	U	NS		0.079	U
	16-Jul-10	0.079	U	NS		0.206	U	0.079	U	NS		0.598	U	NS		NS		0.079	U	0.079	U	NS	
	15-Oct-10	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	0.079	U	0.079	U	NS		0.079	U
	26-Jan-11	0.792	U	0.079	U	NS		0.079	U	NS		0.396	U	NS		3.96	U	0.396	U	0.396	U	NS	
	28-Feb-11	NS		NS		0.792	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	0.079	U	0.079	U	NS		0.079	U
	26-Jul-11	0.264	U	NS		0.264	U	0.079	U	NS		0.396	U	NS		NS		0.079	U	0.396	U	NS	
	28-Oct-11	NS		2	U	NS		NS		2	U	NS		2	U	2	U	2	U	NS		2	U
	23-Jan-12	0.4	U	NS		0.4	U	0.4	U	NS		0.4	U	NS		NS		0.4	U	0.4	U	NS	
	13-Apr-12	NS		0.2	U	NS		NS		0.2	U	NS		0.2	U	0.2	U	0.2	U	NS		0.2	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.99	U	NS	
	23-Jun-12	0.4	U	NS		0.4	U	0.4	U	NS		0.4	U	NS		NS		0.4	U	0.4	U	NS	
	1-Nov-12	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.040	U	NS		0.04	U
	1-Feb-13	0.04	U	NS		0.04	U	0.04	U	NS		0.04	U	NS		NS		0.040	U	0.040	U	NS	
	29-Apr-13	NS		0.099	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.040	U	NS		0.04	U
	9-Jul-13	0.059	U	NS		0.040	U	0.040	U	NS		0.040	U	NS		NS		0.040	U	0.040	U	NS	
	18-Oct-13	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	0.079	U	0.079	U	NS		0.079	U
	9-Jan-14	0.079	U	NS		0.081	U	0.079	U	NS		0.079	U	NS		NS		0.079	U	0.079	U	NS	
	24-Apr-14	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.040	U	0.040	U	0.12	U
	1-Aug-14	0.079	U	NS		0.120	U	0.420	U	NS		NS		NS		NS		0.079	U	0.079	U	NS	
	27-Aug-14	NS		NS		NS		NS		NS		0.040	U	NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.059	U	NS		NS		NS	
	22-Oct-14	NS		0.059	U	NS		NS		0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.079	U	NS	
	20-Jan-15	0.04	U	NS		0.040	U	0.040	U	NS		0.040	U	NS		NS		0.059	U	0.040	U	NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.045	U	NS	
	22-Apr-15	NS		0.041 <sup>v</sup>	U	NS		NS		0.040 <sup>v</sup>	U	NS		0.04	U	0.057	U	0.040	U	NS		0.046	U
	21-Jul-15	0.2	U	NS		0.8	U	4	U	NS		0.2	U	NS		NS		0.200 <sup>o</sup>	U	0.200 <sup>o</sup>	U	NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.2	U	NS		NS		NS	
	29-Oct-15	NS		0.2	U	NS		NS		0.2	U	NS		0.3	U	0.2	U	0.2	U	NS		0.46	U
	4-Dec-15 resample	NS		0.2	U	NS		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		NS		0.04	U	0.04	U	NS	
	20-Apr-16	NS		0.040	U	NS		NS		0.040	U	NS		0.040	U	0.040	U	0.040	U	NS		0.040	U
	20-Jul-16	0.20	U	NS		0.21	U	0.20	U	NS		0.24	U	NS		NS		0.24	U	NS		NS	
	21-Oct-16	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.04	U	NS		0.63	

**Summary of Subslab Air Sampling Data  
Alvarez School  
Volatile Organic Compounds  
February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.08	U	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U	NS	U
	27-Mar-08	NS		0.079	U	NS		NS		NS		0.079	U	NS		NS		NS	U	0.079	U	0.079	U
	25-Apr-08	NS		NS		0.079	U	NS		NS		NS		0.079	U	NS		0.079	U	NS		0.079	U
	29-May-08	NS		NS		NS		0.08		NS		NS		NS		0.08	U	0.08	U	NS		NS	U
	27-Jun-08	0.123	U	NS		NS		NS		0.079	U	NS		NS		NS		NS	U	0.079	U	0.079	U
	31-Jul-08	NS		0.079	U	NS		NS		NS		NS		NS		NS		0.079	U	NS		0.079	U
	28-Aug-08	NS		NS		0.079	U	NS		NS		NS		0.079	U	NS		0.079	U	0.079	U	NS	U
	30-Sep-08	NS		NS		NS		5.9	U	NS		NS		NS		5.9	U	NS	U	5.9	U	5.9	U
	27-Oct-08	2	U	NS		NS		2	U	NS		NS		NS		NS		2	U	NS		2	U
	25-Nov-08	NS		2	U	NS		NS		NS		2	U	NS		NS		2	U	2	U	NS	U
	18-Dec-08	NS		NS		2	U	NS		NS		NS		2	U	NS		NS	U	2	U	2	U
	21-Jan-09	NS		NS		NS		2	U	NS		NS		NS		2	U	2	U	NS		2	U
	25-Feb-09	2	U	NS		NS		NS		2	U	NS		NS		NS		2	U	2	U	NS	U
	26-Mar-09	NS		0.396	U	NS		NS		NS		0.792	U	NS		NS		NS	U	0.079	U	0.079	U
	29-Apr-09	NS		NS		0.079	U	NS		NS		NS		0.079	U	NS		NS	U	NS		NS	U
	22-Jul-09	0.396	U	NS		595		0.792	U	NS		0.396	U	NS		NS		0.079	U	0.079	U	NS	U
	9-Oct-09	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	16.5	U	0.079	U	NS		0.079	U
	15-Jan-10	0.079	U	NS		NS		0.079	U	NS		0.079	U	NS		NS		0.079	U	NS		NS	U
	21-Apr-10	NS		0.079	U	NS		NS		0.396	U	NS		0.396	U	0.396	U	0.079	U	NS		0.079	U
	16-Jul-10	0.079	U	NS		0.079	U	0.079	U	NS		0.598	U	NS		NS		0.079	U	0.079	U	NS	U
	15-Oct-10	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	0.079	U	0.079	U	NS		0.079	U
	26-Jan-11	0.792	U	0.079	U	NS		0.079	U	NS		0.396	U	NS		0.396	U	0.396	U	0.396	U	NS	U
	28-Feb-11	NS		NS		0.792	U	NS		NS		NS		NS		NS		NS	U	NS		NS	U
	27-Apr-11	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	0.079	U	0.079	U	NS		0.079	U
	26-Jul-11	0.264	U	NS		0.264	U	0.079	U	NS		0.396	U	NS		NS		0.079	U	0.396	U	NS	U
	28-Oct-11	NS		2	U	NS		NS		2	U	NS		2	U	2	U	2	U	NS		2	U
	23-Jan-12	0.4	U	NS		0.4	U	0.4	U	NS		0.4	U	NS		NS		0.4	U	0.53		NS	U
	13-Apr-12	NS		0.2	U	NS		NS		0.2	U	NS		0.2	U	0.2	U	0.2	U	NS		0.2	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS	U	0.99	U	NS	U
	23-Jun-12	0.4	U	NS		0.4	U	0.4	U	NS		0.4	U	NS		NS		0.4	U	0.4	U	NS	U
	1-Nov-12	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.040	U	NS		0.04	U
	1-Feb-13	0.04	U	NS		0.04	U	0.04	U	NS		0.04	U	NS		NS		0.040	U	NS		NS	U
	29-Apr-13	NS		0.2	U	NS		NS		0.079	U	NS		0.079	U	0.079	U	0.079	U	NS		0.079	U
	9-Jul-13	0.059	U	NS		0.040	U	0.040	U	NS		0.054	U	NS		NS		0.040	U	0.040	U	NS	U
	18-Oct-13	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	0.079	U	0.079	U	NS		0.079	U
	9-Jan-14	0.079	U	NS		0.079	U	0.079	U	NS		0.079	U	NS		NS		0.079	U	0.079	U	NS	U
	24-Apr-14	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.040	U	0.040	U	0.12	U
	1-Aug-14	0.079	U	NS		0.120	U	0.120	U	NS		NS		NS		NS		0.079	U	0.079	U	NS	U
	27-Aug-14	NS		NS		NS		NS		NS		0.040	U	NS		NS		NS	U	NS		NS	U
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.059	U	NS	U	NS		NS	U
	22-Oct-14	NS		0.059	U	NS		NS		0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.079	U	NS	U
	20-Jan-15	0.04	U	NS		0.040	U	0.040	U	NS		0.040	U	NS		NS		0.059	U	0.040	U	NS	U
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS	U	0.045	U	NS	U
	22-Apr-15	NS		0.041 <sup>v</sup>	U	NS		NS		0.040 <sup>v</sup>	U	NS		0.04	U	0.057	U	0.040	U	NS		0.046	U
	21-Jul-15	0.2	U	NS		0.8	U	4	U	NS		0.2	U	NS		NS		0.11 <sup>j,o</sup>		1.700 <sup>o</sup>		NS	U
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.2	U	NS	U	NS		NS	U
	29-Oct-15	NS		0.2	U	NS		NS		0.27	U	NS		0.4	U	0.31	U	0.2	U	NS		2.7	U
	4-Dec-15 resample	NS		0.2	U	NS		NS		NS		NS		NS		NS		NS	U	NS		NS	U
	27-Jan-16	0.04	U	NS		0.04	U	0.04	U	NS		0.04	U	NS		NS		0.04	U	0.04	U	NS	U
	20-Apr-16	NS		0.040	U	NS		NS		0.040	U	NS		0.040	U	0.040	U	0.040	U	NS		0.040	U
	20-Jul-16	0.20	U	NS		0.20	U	0.20	U	NS		0.2	U	NS		NS		0.21	U	0.20	U	NS	U
	21-Oct-16	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.04	U	NS		0.04	U

**Summary of Subslab Air Sampling Data  
Alvarez School  
Volatile Organic Compounds  
February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.08		NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U	NS	
	27-Mar-08	NS	U	0.079	U	NS		NS		NS		0.079	U	NS		NS		NS	U	0.079	U	0.079	U
	25-Apr-08	NS		NS		0.079	U	NS		NS		NS		0.079	U	NS		0.079	U	NS		0.079	U
	29-May-08	NS		NS		NS		0.08	U	NS		NS		NS		0.08	U	0.08	U	NS		NS	
	27-Jun-08	0.123	U	NS		NS		NS		0.079	U	NS		NS		NS		NS	U	0.079	U	0.079	U
	31-Jul-08	NS		0.079	U	NS		NS		NS		NS		NS		NS		0.079	U	NS		0.079	U
	28-Aug-08	NS		NS		0.079	U	NS		NS		NS		0.079	U	NS		0.079	U	0.079	U	NS	
	30-Sep-08	NS		NS		NS		2	U	NS		NS		NS		2	U	NS	U	2	U	2	U
	27-Oct-08	2	U	NS		NS		NS		2	U	NS		NS		NS		2	U	NS		2	U
	25-Nov-08	NS		2	U	NS		NS		NS		2	U	NS		NS		2	U	2	U	NS	
	18-Dec-08	NS		NS		2	U	NS		NS		NS		2	U	NS		NS	U	2	U	2	U
	21-Jan-09	NS		NS		NS		2	U	NS		NS		NS		2	U	2	U	NS		2	U
	25-Feb-09	2	U	NS		NS		NS		2	U	NS		NS		NS		2	U	2	U	NS	
	26-Mar-09	NS		0.396	U	NS		NS		NS		0.792	U	NS		NS		NS	U	0.079	U	0.079	U
	29-Apr-09	NS		NS		0.079	U	NS		NS		NS		0.079	U	NS		NS	U	NS		NS	U
	22-Jul-09	0.396	U	NS		0.396	U	0.792	U	NS		0.396	U	NS		NS		0.079	U	0.079	U	NS	U
	9-Oct-09	NS		0.079	U	NS		NS		0.079		NS		0.079	U	16.5	U	0.079	U	NS		0.079	U
	15-Jan-10	0.079		NS		NS		0.079		NS		0.079	U	NS		NS		0.079	U	NS		NS	U
	21-Apr-10	NS		0.079	U	NS		NS		0.396	U	NS		3.96	U	0.396	U	0.079	U	NS		0.079	U
	16-Jul-10	0.079	U	NS		0.079	U	0.079	U	NS		0.598	U	NS		NS		0.079	U	0.079	U	NS	U
	15-Oct-10	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	0.079	U	0.079	U	NS		0.079	U
	26-Jan-11	0.792	U	0.079	U	NS		0.079	U	NS		0.36	U	NS		0.396	U	0.396	U	0.396	U	NS	U
	28-Feb-11	NS		NS		0.792	U	NS		NS		NS		NS		NS		NS	U	NS		NS	U
	27-Apr-11	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	0.079	U	0.079	U	NS		0.079	U
	26-Jul-11	0.264	U	NS		0.264	U	0.079	U	NS		0.396	U	NS		NS		0.079	U	0.396	U	NS	U
	28-Oct-11	NS		2	U	NS		NS		2	U	NS		2	U	2	U	2	U	NS		2	U
	23-Jan-12	0.4	U	NS		0.4	U	0.4	U	NS		0.4	U	NS		NS		0.4	U	0.4	U	NS	U
	13-Apr-12	NS		0.2	U	NS		NS		0.2	U	NS		0.2	U	0.2	U	0.2	U	NS		0.2	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS	U	0.99	U	NS	U
	23-Jun-12	0.4	U	NS		0.4	U	0.4	U	NS		0.4	U	NS		NS		0.4	U	0.4	U	NS	U
	1-Nov-12	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.040	U	NS		0.04	U
	1-Feb-13	0.04	U	NS		0.04	U	0.04	U	NS		0.04	U	NS		NS		0.040	U	NS		NS	U
	29-Apr-13	NS		0.099	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.040	U	NS		0.04	U
	9-Jul-13	0.059	U	NS		0.040	U	0.040	U	NS		0.040	U	NS		NS		0.040	U	0.040	U	NS	U
	18-Oct-13	NS		0.079	U	NS		NS		0.079	U	NS		0.079	U	0.079	U	0.079	U	NS		0.079	U
	9-Jan-14	0.079	U	NS		0.079	U	0.079	U	NS		0.079	U	NS		NS		0.079	U	0.079	U	NS	U
	24-Apr-14	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.040	U	0.040	U	0.12	U
	1-Aug-14	0.079	U	NS		0.120	U	0.120	U	NS		NS		NS		NS		0.079	U	0.079	U	NS	U
	27-Aug-14	NS		NS		NS		NS		NS		0.040	U	NS		NS		NS	U	NS		NS	U
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.059	U	NS	U	NS		NS	U
	22-Oct-14	NS		0.059	U	NS		NS		0.059	U	0.059	U	0.059	U	0.059	U	0.059	U	0.079	U	NS	U
	20-Jan-15	0.04	U	NS		0.040	U	0.040	U	NS		0.040	U	NS		NS		0.059	U	0.040	U	NS	U
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS	U	0.045	U	NS	U
	22-Apr-15	NS		0.041 <sup>v</sup>	U	NS		NS		0.040 <sup>v</sup>	U	NS		0.04	U	0.057	U	0.040	U	NS		0.046	U
	21-Jul-15	0.2	U	NS		0.8	U	4	U	NS		0.2	U	NS		NS		0.200 <sup>o</sup>	U	2.000 <sup>o</sup>	U	NS	U
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.2	U	NS	U	NS		NS	U
	29-Oct-15	NS		0.2	U	NS		NS		0.2	U	NS		0.3	U	0.2	U	0.2	U	NS		0.2	U
	4-Dec-15 resample	NS		0.2	U	NS		NS		NS		NS		NS		NS		NS	U	NS		NS	U
	27-Jan-16	0.04	U	NS		0.04	U	0.04	U	NS		0.04	U	NS		NS		0.04	U	0.04	U	NS	U
	20-Apr-16	NS		0.040	U	NS		NS		0.040	U	NS		0.040	U	0.040	U	0.040	U	NS		0.040	U
	20-Jul-16	0.20	U	NS		0.20	U	0.20	U	NS		0.21	U	NS		NS		0.20	U	NS		NS	U
	21-Oct-16	NS		0.04	U	NS		NS		0.04	U	NS		0.04	U	0.04	U	0.04	U	NS		0.04	U

Summary of Subslab Air Sampling Data  
 Alvarez School  
 Volatile Organic Compounds  
 February 2008 - October 2016

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.09		NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U	NS	
	27-Mar-08	NS	U	0.092	U	NS		NS		NS		0.092	U	NS		NS		NS		0.092	U	0.092	U
	25-Apr-08	NS		NS		0.092	U	NS		NS		NS		0.092	U	NS		0.092	U	NS		0.092	U
	29-May-08	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U	NS		NS	
	27-Jun-08	0.144	U	NS		NS		NS		0.092	U	NS		NS		NS		NS		0.092	U	0.092	U
	31-Jul-08	NS		0.092	U	NS		NS		NS		NS		NS		NS		0.092	U	NS		0.092	U
	28-Aug-08	NS		NS		0.092	U	NS		NS		NS		0.092	U	NS		0.092	U	0.092	U	NS	
	30-Sep-08	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	NS		0.09	U	0.09	U
	27-Oct-08	0.09	U	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	NS		0.09	U
	25-Nov-08	NS		0.09	U	NS		NS		NS		0.09	U	NS		NS		0.09	U	0.09	U	NS	
	18-Dec-08	NS		NS		0.09	U	NS		NS		NS		0.09	U	NS		NS		0.09	U	0.09	U
	21-Jan-09	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U	NS		0.09	U
	25-Feb-09	0.09	U	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U	NS	
	26-Mar-09	NS		0.462	U	NS		NS		NS		0.924	U	NS		NS		NS		0.092	U	0.092	U
	29-Apr-09	NS		NS		0.092	U	NS		NS		NS		0.092	U	NS		0.092	U	NS		0.092	U
	22-Jul-09	0.462	U	NS		18.8	U	0.924	U	NS		0.462	U	NS		NS		0.092	U	0.092	U	NS	
	9-Oct-09	NS		0.092	U	NS		NS		0.092	U	NS		0.092	U	19.3	U	0.092	U	NS		0.092	U
	15-Jan-10	0.092	U	NS		0.092	U	0.092	U	NS		0.092	U	NS		NS		0.092	U	0.092	U	NS	
	21-Apr-10	NS		0.092	U	NS		NS		0.462	U	NS		0.462	U	0.462	U	0.092	U	NS		0.092	U
	16-Jul-10	0.092	U	NS		0.092	U	0.092	U	NS		0.698	U	NS		NS		0.092	U	0.092	U	NS	
	15-Oct-10	NS		0.092	U	NS		NS		0.092	U	NS		0.092	U	0.092	U	0.092	U	NS		0.092	U
	26-Jan-11	0.924	U	0.092	U	NS		0.092	U	NS		0.462	U	NS		0.462	U	0.462	U	0.462	U	NS	
	28-Feb-11	NS		NS		0.924	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.092	U	NS		NS		0.092	U	NS		0.092	U	0.092	U	0.092	U	NS		0.092	U
	26-Jul-11	0.308	U	NS		0.308	U	0.092	U	NS		0.462	U	NS		NS		0.092	U	0.462	U	NS	
	28-Oct-11	NS		2.3	U	NS		NS		2.3	U	NS		2.3	U	2.3	U	2.3	U	NS		2.3	U
	23-Jan-12	0.23	U	NS		0.23	U	0.23	U	NS		0.23	U	NS		NS		0.23	U	0.23	U	NS	
	13-Apr-12	NS		0.46	U	NS		NS		0.46	U	NS		0.46	U	0.46	U	0.46	U	NS		0.46	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.2	U	NS	
	23-Jun-12	0.46	U	NS		0.46	U	0.46	U	NS		0.46	U	NS		NS		0.46	U	0.46	U	NS	
	1-Nov-12	NS		0.046	U	NS		NS		0.046	U	NS		0.046	U	0.046	U	0.046	U	NS		0.046	U
	1-Feb-13	0.092	U	NS		0.092	U	0.092	U	NS		0.092	U	NS		NS		0.092	U	0.092	U	NS	
	29-Apr-13	NS		0.12	U	NS		NS		0.046	U	NS		0.046	U	0.046	U	0.046	U	NS		0.098	
	9-Jul-13	0.14	U	NS		0.092	U	0.092	U	NS		0.092	U	NS		NS		0.092	U	0.092	U	NS	
	18-Oct-13	NS		0.092	U	NS		NS		0.092	U	NS		0.092	U	0.092	U	0.092	U	NS		0.092	U
	9-Jan-14	0.092	U	NS		0.092	U	0.092	U	NS		0.092	U	NS		NS		0.092	U	0.092	U	NS	
	24-Apr-14	NS		0.046 <sup>L-V</sup>	U	NS		NS		0.046 <sup>L-V</sup>	U	NS		0.046 <sup>L-V</sup>	U	0.14 <sup>L-V</sup>	U						
	1-Aug-14	0.092	U	NS		0.14	U	0.14	U	NS		NS		NS		NS		0.092	U	0.092	U	NS	
	27-Aug-14	NS		NS		NS		NS		NS		0.046	U	NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.069 <sup>L-V</sup>	U	NS		NS		NS	
	22-Oct-14	NS		0.069	U	NS		NS		0.069	U	0.069	U	0.069	U	0.069	U	0.069	U	0.092	U	NS	
	20-Jan-15	0.046	U	NS		0.046	U	0.046	U	NS		0.046	U	NS		NS		0.069	U	0.046	U	NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.052	U	NS	
	22-Apr-15	NS		0.047	U	NS		NS		0.046	U	NS		0.046	U	0.067	U	0.046	U	NS		0.053	U
	21-Jul-15	0.2	U	NS		0.9	U	5	U	NS		0.3	U	NS		NS		0.200 <sup>O</sup>	U	0.200 <sup>O</sup>	U	NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.2	U	NS		NS		NS	
	29-Oct-15	NS		0.3	U	NS		NS		0.3	U	NS		0.4	U	0.2	U	0.2	U	NS		0.2	U
	4-Dec-15 resample	NS		0.2	U	NS		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	NS		NS		0.046	U	0.046	U	NS	
	20-Apr-16	NS		<-0.046		NS		NS		<-0.046		NS		<-0.046		<-0.046		<-0.046		NS		0.046	
	20-Jul-16	0.23	U	NS		0.23	U	0.23	U	NS		0.27		NS		NS		0.29		NS		NS	
	21-Oct-16	NS		0.046	U	NS		NS		0.046	U	NS		0.046	U	0.046	U	0.046	U	NS		0.046	U

**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.09		NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U	NS	
	27-Mar-08	NS	U	0.091	U	NS		NS		NS		0.091	U	NS		NS		NS	U	0.091	U	0.091	U
	25-Apr-08	NS		NS		0.091	U	NS		NS		NS		0.091	U	NS		0.091	U	NS		0.091	U
	29-May-08	NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U	NS		NS	
	27-Jun-08	0.141	U	NS		NS		NS		0.091	U	NS		NS		NS		NS		0.091	U	0.091	U
	31-Jul-08	NS		0.091	U	NS		0.091	U	NS		0.091	U										
	28-Aug-08	NS		NS		0.091	U	NS		NS		NS		0.091	U	NS		0.091	U	NS		NS	
	27-Oct-08	NS		NS		NS		0.18	U	NS		NS		NS		0.18	U	NS		0.18	U	0.18	U
	27-Oct-08	0.18	U	NS		NS		NS		0.18	U	NS		NS		NS		0.18	U	NS		0.18	U
	25-Nov-08	NS		0.18	U	NS		NS		NS		0.18	U	NS		NS		0.18	U	0.18	U	NS	
	18-Dec-08	NS		NS		0.18	U	NS		NS		NS		0.18	U	NS		NS		0.18	U	0.18	U
	21-Jan-09	NS		NS		NS		0.18	U	NS		NS		NS		0.18	U	NS		NS		0.18	U
	25-Feb-09	0.18	U	NS		NS		NS		0.18	U	NS		NS		NS		0.18	U	0.18	U	NS	
	26-Mar-09	NS		0.453	U	NS		NS		NS		0.907	U	NS		NS		NS		0.091	U	0.91	U
	29-Apr-09	NS		NS		0.091	U	NS		NS		NS		0.091	U	NS		NS		NS		0.091	U
	22-Jul-09	0.453	U	NS		18.5	U	0.907	U	NS		0.453	U	NS		NS		0.091	U	0.091	U	NS	
	9-Oct-09	NS		0.091	U	NS		NS		0.091	U	NS		0.091	U	18.9	U	0.091	U	NS		0.091	U
	15-Jan-10	0.091	U	NS		NS		0.091	U	NS		0.091	U	NS		NS		0.091	U	NS		NS	
	21-Apr-10	NS		0.091	U	NS		NS		0.453	U	NS		0.453	U	0.453	U	0.091	U	NS		0.091	U
	16-Jul-10	0.091	U	NS		0.091	U	0.091	U	NS		0.685	U	NS		NS		0.091	U	0.091	U	NS	
	15-Oct-10	NS		0.091	U	NS		NS		0.091	U	NS		0.091	U	0.091	U	0.091	U	NS		0.091	U
	26-Jan-11	0.907	U	0.091	U	NS		0.091	U	NS		0.453	U	NS		0.453	U	0.453	U	0.453	U	NS	
	28-Feb-11	NS		NS		0.907	U	NS		NS		NS		NS									
	27-Apr-11	NS		0.091	U	NS		NS		0.091	U	NS		0.091	U	0.091	U	0.091	U	NS		0.091	U
	26-Jul-11	0.303	U	NS		0.303	U	0.091	U	NS		0.454	U	NS		NS		0.091	U	0.454	U	NS	
	28-Oct-11	NS		2.3	U	NS		NS		2.3	U	NS		2.3	U	2.3	U	2.3	U	NS		2.3	U
	23-Jan-12	0.45	U	NS		0.45	U	0.45	U	NS		0.45	U	NS		NS		0.45	U	0.45	U	NS	
	13-Apr-12	NS		0.2	U	NS		NS		0.23	U	NS		0.23	U	0.23	U	0.23	U	NS		0.23	U
	2-Jul-12 (resample)	NS		NS		1.1	U	NS															
	23-Jun-12	0.45	U	NS		0.45	U	0.45	U	NS		0.45	U	NS		NS		0.45	U	0.45	U	NS	
	1-Nov-12	NS		0.045	U	NS		NS		0.045	U	NS		0.045	U	0.045	U	0.045	U	NS		0.045	U
	1-Feb-13	0.045	U	NS		0.045	U	0.045	U	NS		0.045	U	NS		NS		0.045	U	0.045	U	NS	
	29-Apr-13	NS		0.11	U	NS		NS		0.045	U	NS		0.045	U	0.045	U	0.045	U	NS		0.045	U
	9-Jul-13	0.068	U	NS		0.045	U	0.045	U	NS		0.045	U	NS		NS		0.045	U	0.045	U	NS	
	18-Oct-13	NS		0.091	U	NS		NS		0.091	U	NS		0.091	U	0.091	U	0.091	U	NS		0.091	U
	9-Jan-14	0.091	U	NS		0.091	U	0.091	U	NS		0.091	U	NS		NS		0.091	U	0.091	U	NS	
	24-Apr-14	NS		0.045	U	NS		NS		0.045	U	NS		0.045	U	0.045	U	0.045	U	0.045	U	0.14	U
	1-Aug-14	0.091	U	NS		0.14	U	0.14	U	NS		NS		NS		NS		0.091	U	0.091	U	NS	
	27-Aug-14	NS		0.045	U	NS		NS		NS		NS		NS									
	12-Sept-14 (resample)	NS		0.068	U	NS		NS		NS													
	22-Oct-14	NS		0.068	U	NS		NS		0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.091	U	NS	
	20-Jan-15	0.045	U	NS		0.045	U	0.045	U	NS		0.045	U	NS		NS		0.068	U	0.045	U	NS	
	30-Mar-15 (resample)	NS		NS		0.051	U	NS															
	22-Apr-15	NS		0.047	U	NS		NS		0.045	U	NS		0.045	U	0.066	U	0.045	U	NS		0.052	U
	21-Jul-15	0.2	U	NS		0.9	U	5	U	NS		0.3	U	NS		NS		0.200 <sup>o</sup>	U	0.200 <sup>o</sup>	U	NS	
	23-Sept-15 resample	NS		0.2	U	NS		NS		NS													
	29-Oct-15	NS		0.3	U	NS		NS		0.3	U	NS		0.4	U	0.2	U	0.2	U	NS		0.2	U
	4-Dec-15 resample	NS		0.2	U	NS		NS		NS		NS											
	27-Jan-16	0.045	U	NS		0.045	U	0.045	U	NS		0.045	U	NS		NS		0.045	U	0.045	U	NS	
	20-Apr-16	NS		0.045	U	NS		NS		0.045	U	NS		0.045	U	0.045	U	0.045	U	NS		0.045	U
	20-Jul-16	0.23	U	NS		0.23	U	0.23	U	NS		0.23	U	NS		NS		0.23	U	NS		NS	
	21-Oct-16	NS		0.045	U	NS		NS		0.045	U	NS		0.045	U	0.045	U	0.045	U	NS		0.045	U

**Summary of Subslab Air Sampling Data  
Alvarez School  
Volatile Organic Compounds  
February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.09		NS		NS		NS		0.09	U	NS		NS		NS		0.09	U	0.09	U	NS	
	27-Mar-08	NS	U	0.091	U	NS		NS		NS		0.091	U	NS		NS		NS	U	0.091	U	0.091	U
	25-Apr-08	NS		NS		0.091	U	NS		NS		NS		0.091	U	NS		0.091	U	NS		0.091	U
	29-May-08	NS		NS		NS		0.09	U	NS		NS		NS		0.09		NS	U	0.09	U	NS	
	27-Jun-08	0.141	U	NS		NS		NS		0.091	U	NS		NS		NS		NS	U	0.091	U	0.091	U
	31-Jul-08	NS		0.091	U	NS		0.091	U	NS		0.091	U										
	28-Aug-08	NS		NS		0.091	U	NS		NS		NS		0.091	U	NS		0.091	U	0.091	U	NS	
	30-Sep-08	NS		NS		NS		0.18	U	NS		NS		NS		0.18	U	NS		0.18	U	0.18	U
	27-Oct-08	0.18	U	NS		NS		NS		0.18	U	NS		NS		NS		0.18	U	NS		0.18	U
	25-Nov-08	NS		0.18	U	NS		NS		NS		0.18	U	NS		NS		0.18	U	0.18	U	NS	
	18-Dec-08	NS		NS		0.18	U	NS		NS		NS		0.18	U	NS		NS	U	0.18	U	0.18	U
	21-Jan-09	NS		NS		NS		0.18	U	NS		NS		NS		0.18	U	NS	U	NS		0.18	U
	25-Feb-09	0.18	U	NS		NS		NS		0.18	U	NS		NS		NS		0.18	U	0.18	U	NS	
	26-Mar-09	NS		0.453	U	NS		NS		NS		0.907	U	NS		NS		NS	U	0.091	U	0.091	U
	29-Apr-09	NS		NS		0.091	U	NS		NS		NS		0.091	U	NS		NS	U	NS		0.091	U
	22-Jul-09	0.453	U	NS		0.453	U	0.907	U	NS		0.453	U	NS		NS		0.091	U	0.091	U	NS	
	9-Oct-09	NS		0.079	U	NS		NS		0.091	U	NS		0.091	U	18.9	U	0.091	U	NS		0.091	U
	15-Jan-10	0.091		NS		NS		0.091	U	NS		0.091	U	NS		NS		0.091	U	NS		NS	
	21-Apr-10	NS		0.091	U	NS		NS		0.453	U	NS		0.453	U	0.453	U	0.091	U	NS		0.091	U
	16-Jul-10	0.091	U	NS		0.091	U	0.091	U	NS		0.685	U	NS		NS		0.091	U	0.091	U	NS	
	15-Oct-10	NS		0.091	U	NS		NS		0.091	U	NS		0.091	U	0.091	U	0.091	U	NS		0.091	U
	26-Jan-11	0.907	U	0.091	U	NS		0.091	U	NS		0.453	U	NS		0.453	U	0.453	U	0.453	U	NS	
	28-Feb-11	NS		NS		0.907	U	NS		NS	U	NS		NS									
	27-Apr-11	NS		0.091	U	NS		NS		0.091	U	NS		0.091	U	0.091	U	0.091	U	NS		0.091	U
	26-Jul-11	0.303	U	NS		0.303	U	0.091	U	NS		0.454	U	NS		NS		0.091	U	0.454	U	NS	
	28-Oct-11	NS		2.3	U	NS		NS		2.3	U	NS		2.3	U	2.3	U	2.3	U	NS		2.3	U
	23-Jan-12	0.45	U	NS		0.45	U	0.45	U	NS		0.45	U	NS		NS		0.45	U	0.45	U	NS	
	13-Apr-12	NS		1.2	U	NS		NS		0.23	U	NS		0.23	U	0.23	U	0.23	U	NS		0.23	U
	2-Jul-12 (resample)	NS		NS		1.1	U	NS															
	23-Jun-12	0.45	U	NS		0.45	U	0.45	U	NS		0.45	U	NS		NS		0.45	U	0.45	U	NS	
	1-Nov-12	NS		0.045	U	NS		NS		0.045	U	NS		0.045	U	0.045	U	0.045	U	NS		0.045	U
	1-Feb-13	0.045	U	NS		NS		0.045	U	NS		0.045	U	NS		NS		0.045	U	0.045	U	NS	
	29-Apr-13	NS		0.11	U	NS		NS		0.045	U	NS		0.045	U	0.045	U	0.045	U	NS		0.045	U
	9-Jul-13	0.068	U	NS		0.045	U	0.045	U	NS		0.045	U	NS		NS		0.045	U	0.045	U	NS	
	18-Oct-13	NS		0.091	U	NS		NS		0.091	U	NS		0.091	U	0.091	U	0.091	U	NS		0.091	U
	9-Jan-14	0.091	U	NS		0.091	U	0.091	U	NS		0.091	U	NS		NS		0.091	U	0.091	U	NS	
	24-Apr-14	NS		0.045	U	NS		NS		0.045	U	NS		0.045	U	0.045	U	0.045	U	0.045	U	0.14	U
	1-Aug-14	0.091	U	NS		0.14	U	0.14	U	NS		NS		NS		NS		0.091	U	0.091	U	NS	
	27-Aug-14	NS		0.045	U	NS		NS		NS		NS		NS									
	12-Sept-14 (resample)	NS		0.068	U	NS		NS		NS													
	22-Oct-14	NS		0.068	U	NS		NS		0.068	U	0.068	U	0.068	U	0.068	U	0.068	U	0.091	U	NS	
	20-Jan-15	0.045	U	NS		0.045	U	0.045	U	NS		0.045	U	NS		NS		0.068	U	0.045	U	NS	
	30-Mar-15 (resample)	NS		NS		0.051	U	NS															
	22-Apr-15	NS		0.047	U	NS		NS		0.045	U	NS		0.045	U	0.066	U	0.045	U	NS		0.052	U
	21-Jul-15	0.2	U	NS		0.9	U	5	U	NS		0.3	U	NS		NS		0.200 <sup>o</sup>	U	0.200 <sup>o</sup>	U	NS	
	23-Sept-15 resample	NS		0.2	U	NS		NS		NS													
	29-Oct-15	NS		0.3	U	NS		NS		0.3	U	NS		0.4	U	0.2	U	0.2	U	NS		0.2	U
	4-Dec-15 resample	NS		0.2	U	NS		NS		NS		NS											
	27-Jan-16	0.045	U	NS		0.045	U	0.045	U	NS		0.045	U	NS		NS		0.045	U	0.045	U	NS	
	20-Apr-16	NS		0.045	U	NS		NS		0.045	U	NS		0.045	U	0.045	U	0.045	U	NS		0.045	U
	20-Jul-16	0.23	U	NS		0.23	U	0.23	U	NS		0.23	U	NS		NS		0.23	U	0.23	U	NS	
	21-Oct-16	NS		0.045	U	NS		NS		0.045	U	NS		0.045	U	0.045	U	0.045	U	NS		0.045	U

**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.21		NS		NS		NS		0.23		NS		NS		NS		0.33		4.89		NS	
	27-Mar-08	NS		0.295		NS		NS		NS		0.157		NS		NS		NS		0.645		0.372	
	25-Apr-08	NS		NS		0.291		NS		NS		NS		0.32		NS		NS		NS		0.565	
	29-May-08	NS		NS		NS		1.49		NS		NS		NS		2.2		2.82		1.01		NS	
	27-Jun-08	4.34		NS		NS		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		NS		NS		0.482		NS		0.711		0.666		NS	
	30-Sep-08	NS		NS		NS		2.2	U	NS		NS		NS		2.2	U	NS		2.2	U	2.2	U
	27-Oct-08	18.4		NS		NS		NS		2.2	U	NS		NS		NS		2.2	U	NS		2.2	U
	25-Nov-08	NS		2.2	U	NS		NS		NS		2.2	U	NS		NS		2.3		2.2	U	NS	U
	18-Dec-08	NS		NS		2.2	U	NS		NS		NS		2.2	U	NS		NS		2.2	U	2.2	U
	21-Jan-09	NS		NS		NS		2.2	U	NS		NS		NS		2.2	U	2.2	U	NS		2.2	U
	25-Feb-09	10.8		NS		NS		NS		2.2	U	NS		NS		NS		2.2	U	2.2	U	NS	U
	26-Mar-09	NS		0.516		NS		NS		NS		0.868	U	NS		NS		NS		0.845		1.18	
	29-Apr-09	NS		NS		0.19		NS		NS		NS		0.191		NS		0.304		NS		0.325	
	22-Jul-09	11.7		NS		11.7		0.868	U	NS		1.15		NS		NS		38.2		1.04		NS	
	9-Oct-09	NS		0.564		NS		NS		0.56		NS		0.291		18.1	U	0.542		NS		0.542	
	15-Jan-10	6.95		NS		0.568		0.542		0.659		0.659		NS		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		1.62		NS		1.66		NS		1.26		NS		1.21		4.14		4.68		NS	
	28-Feb-11	NS		NS		0.868	U	NS		NS		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		NS		0.304		0.434	U	NS	
	28-Oct-11	NS		2.2	U	NS		NS		2.2	U	NS		2.2	U	2.2	U	3.8		NS		2.2	U
	23-Jan-12	3		NS		0.79		0.56		NS		0.82		NS		NS		1.7		12		NS	U
	13-Apr-12	NS		0.43	U	NS		NS		0.43	U	NS		0.43	U	0.43	U	1.5		NS		0.43	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		2.2	U	NS	
	23-Jun-12	5.1		NS		0.53		0.43	U	NS		0.47		NS		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		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		NS		0.087	U	NS		0.087	U	0.087	U	0.092		0.087	U	0.49	
	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		NS		0.96		NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.79		NS		NS	U	NS	
	22-Oct-14	NS		0.13	U	NS		NS		0.13	U	0.13	U	0.15	U	0.13	U	0.27		0.27		NS	
	20-Jan-15	0.400		NS		0.087	U	0.096		NS		0.087	U	NS		NS		0.24		0.29		NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		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 <sup>J</sup>	U	4		NS		0.56		NS		NS		0.65 <sup>O</sup>		0.90 <sup>O</sup>		NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.41		NS		NS		NS	
	29-Oct-15	NS		0.2	U	NS		NS		0.14 <sup>J</sup>		NS		0.22 <sup>J</sup>		0.28		0.27		NS		0.33	
	4-Dec-15 resample	NS		0.2	U	NS		NS		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		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	

**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	2.46	U	NS		NS		NS		2.46	U	NS		NS		NS		2.46	U	2.46	U	NS	
	27-Mar-08	NS		2.46	U	NS		NS		NS		NS		NS		NS		NS		2.46	U	2.46	U
	25-Apr-08	NS		NS		2.46	U	NS		NS		NS		2.46	U	NS		2.46	U	NS		2.46	U
	29-May-08	NS		NS		NS		2.46	U	NS		NS		NS		2.46	U	2.46	U	NS		NS	
	27-Jun-08	3.83	U	NS		NS		NS		2.46	U	NS		NS		NS		NS		2.46	U	2.46	U
	31-Jul-08	NS		2.46	U	NS		NS		NS		NS		NS		NS		2.46	U	NS		2.46	U
	28-Aug-08	NS		NS		2.46	U	NS		NS		NS		2.46	U	NS		2.46	U	2.46	U	NS	
	30-Sep-08	NS		NS		NS		4.9	U	NS		NS		NS		4.9	U	NS		4.9	U	4.9	U
	27-Oct-08	5.2		NS		NS		NS		4.9	U	NS		NS		NS		4.9	U	NS		4.9	U
	25-Nov-08	NS		4.9	U	NS		NS		NS		4.9	U	NS		NS		5.9	U	4.9	U	NS	
	18-Dec-08	NS		NS		4.9	U	NS		NS		NS		4.9	U	NS		NS		4.9	U	4.9	U
	21-Jan-09	NS		NS		NS		4.9	U	NS		NS		NS		4.9	U	4.9	U	NS		4.9	U
	25-Feb-09	4.9	U	NS		NS		NS		4.9	U	NS		NS		NS		4.9	U	4.9	U	NS	
	26-Mar-09	NS		12.3	U	NS		NS		NS		24.6	U	NS		NS		NS		2.46	U	2.46	U
	29-Apr-09	NS		NS		2.46	U	NS		NS		NS		2.46	U	NS		2.46	U	NS		2.46	U
	22-Jul-09	12.3	U	NS		12.3	U	24.6	U	NS		12.3	U	NS		NS		3.78		2.46	U	NS	
	9-Oct-09	NS		2.74	U	NS		NS		2.46	U	NS		2.46	U	513	U	2.46	U	NS		2.46	U
	15-Jan-10	2.46	U	NS		2.46	U	2.46	U	NS		2.46	U	NS		NS		2.46	U	2.46	U	NS	
	21-Apr-10	NS		2.46	U	NS		NS		12.3	U	NS		12.3	U	12.3	U	2.46	U	NS		2.46	U
	16-Jul-10	2.46	U	NS		2.66		2.46	U	NS		18.5	U	NS		NS		2.46	U	2.46	U	NS	
	15-Oct-10	NS		2.46	U	NS		NS		2.46	U	NS		2.46	U	2.46	U	2.46	U	NS		2.46	U
	26-Jan-11	24.6	U	2.46	U	NS		2.46	U	NS		12.3	U	NS		12.3	U	12.3	U	12.3	U	NS	
	28-Feb-11	NS		NS		24.6	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		2.46	U	NS		NS		2.46	U	NS		2.46	U	2.46	U	2.46	U	NS		2.46	U
	26-Jul-11	8.21	U	NS		8.21	U	2.46	U	NS		12.3	U	NS		NS		2.46	U	12.3	U	NS	
	28-Oct-11	NS		6.2	U	NS		NS		6.2	U	NS		6.2	U	NS		6.2	U	NS		6.2	U
	23-Jan-12	1.2	U	NS		1.2	U	0.25	U	NS		1.2	U	NS		NS		1.2	U	1.4		NS	
	13-Apr-12	NS		1.2	U	NS		NS		1.2	U	NS		1.2	U	1.2	U	1.2	U	NS		1.2	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		6.2	U	NS	
	23-Jun-12	1.2	U	NS		1.2	U	1.2	U	NS		1.2	U	NS		NS		1.2	U	1.2	U	NS	
	1-Nov-12	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U
	1-Feb-13	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.25	U	0.25	U	NS	
	29-Apr-13	NS		0.62	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U
	9-Jul-13	0.37	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.25	U	0.25	U	NS	
	18-Oct-13	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.27		0.25	U	NS		0.25	U
	9-Jan-14	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.53		0.49		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	0.37	U
	1-Aug-14	0.25		NS		0.37	U	0.37	U	NS		NS		NS		NS		0.25	U	0.25	U	NS	
	27-Aug-14	NS		NS		NS		NS		NS		0.25	U	NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.37	U	NS		NS	U	NS	
	22-Oct-14	NS		0.37	U	NS		NS		0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.50	U	NS	
	20-Jan-15	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.37	U	0.25	U	NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.28	U	NS	
	22-Apr-15	NS		0.26	U	NS		NS		0.25	U	NS		0.25	U	0.36	U	0.25	U	NS		0.29	U
	21-Jul-15	0.140 <sup>J</sup>		NS		1	U	5	U	NS		0.19 <sup>J</sup>		NS		NS		0.21 <sup>J,O</sup>		0.20 <sup>J,O</sup>		NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.2	U	NS		NS		NS	
	29-Oct-15	NS		0.3	U	NS		NS		0.3	U	NS		0.4	U	0.2	U	0.2	U	NS		0.2	U
	4-Dec-15 resample	NS		0.2	U	NS		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	NS		NS		0.25	U	0.25	U	NS	
	20-Apr-16	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U
	20-Jul-16	1.2	U	NS		1.2	U,M,W	1.2	U	NS		1.2	U	NS		NS		1.2	U	1.2	U	NS	
	21-Oct-16	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U

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Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	2.74		NS		NS		NS		2.74	U	NS		NS		NS		2.74	U	2.74	U	NS	
	27-Mar-08	NS	U	2.74	U	NS		1.2		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	NS		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	NS		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	12.5		NS		NS		NS		5.5	U	NS		NS		NS		18.5		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		NS		5.5	U	NS		NS		5.5	U	5.5	U
	21-Jan-09	NS		NS		NS		5.5	U	NS		NS		NS		5.5	U	5.5	U	NS		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		NS		27.4	U	NS		NS		NS		2.74	U	2.74	U
	29-Apr-09	NS		NS		2.74	U	NS		NS		NS		2.74	U	NS		NS		NS		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	2.72	U	NS		2.74	U	2.74	U	NS		2.74	U	NS		NS		2.74	U	NS		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	NS		NS		2.74	U	2.74		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		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		2.74	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	NS		6.3	U
	23-Jan-12	1.3	U	NS		1.3	U	1.3	U	NS		1.3	U	NS		NS		1.3	U	1.3	U	NS	
	13-Apr-12	NS		1.3	U	NS		NS		1.3	U	NS		1.3	U	1.3	U	1.3	U	NS		1.3	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		6.3	U	NS	
	23-Jun-12	1.3	U	NS		1.3	U	1.3	U	NS		1.3	U	NS		NS		1.3	U	1.3	U	NS	
	1-Nov-12	NS		0.25	U	NS		NS		0.25	U	NS		0.27		0.25	U	0.29		NS		0.45	
	1-Feb-13	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		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	NS		0.25	U
	9-Jul-13	0.38	U	NS		0.28		0.29		NS		0.29		NS		NS		0.36		NS		0.53	
	18-Oct-13	NS		0.38		NS		NS		0.25	U	NS		0.25	U	0.51		0.25	U	NS		0.54	
	9-Jan-14	0.25	U	NS		0.33		0.040		NS		0.25	U	NS		NS		1.2		1.2		NS	
	24-Apr-14	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.072	U	0.25	U	0.25	U	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		0.66		NS		NS	U	NS	
	22-Oct-14	NS		0.38 <sup>L</sup>	U	NS		NS		0.38 <sup>L</sup>	U	0.38 <sup>L</sup>	U	0.50 <sup>L</sup>	U	NS							
	20-Jan-15	0.25	U	NS		0.25	U	0.25	U	NS		NS		NS		NS		NS		0.51		NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.28	U	NS	
	22-Apr-15	NS		0.26	U	NS		NS		0.25	U	NS		0.25	U	0.36	U	0.25	U	NS		0.29	U
	21-Jul-15	0.3	U	NS		1	U	6	U	NS		0.16 <sup>J</sup>		NS		NS		0.15 <sup>J,O</sup>		0.30 <sup>O</sup>	U	NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.34		NS		NS		NS	
	29-Oct-15	NS		0.3	U	NS		NS		0.19 <sup>J</sup>		NS		0.5	U	0.3	U	0.3	U	NS		0.19 <sup>J</sup>	
	4-Dec-15 resample	NS		0.3	U	NS		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	NS		NS		0.25	U	0.25	U	NS	
	20-Apr-16	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U
	20-Jul-16	1.3	U	NS		1.3	U,M,W	1.3	U	NS		1.3	U	NS		NS		1.3	U	1.3	U	NS	
	21-Oct-16	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U

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Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.07		NS		NS		NS		0.07	U	NS		NS		NS		0.14		0.07	U	NS	
	27-Mar-08	NS	U	0.072	U	NS		NS		NS		0.072	U	NS		NS		NS		0.165		0.126	
	25-Apr-08	NS		NS		0.072	U	NS		NS		NS		0.072	U	NS		0.072	U	NS		0.079	
	29-May-08	NS		NS		NS		0.07	U	NS		NS		NS		0.07	U	0.07	U	NS		NS	
	27-Jun-08	0.436		NS		NS		NS		0.072	U	NS		NS		NS		NS		0.072	U	0.072	U
	31-Jul-08	NS		0.072	U	NS		NS		NS		NS		NS		NS		0.072	U	NS		0.072	U
	28-Aug-08	NS		NS		0.106		NS		NS		NS		0.072	U	NS		0.172	U	0.14		NS	
	30-Sep-08	NS		NS		NS		1.8	U	NS		NS		NS		1.8	U	NS		1.8	U	1.8	U
	27-Oct-08	1.8	U	NS		NS		NS		2.6		NS		NS		NS		3.2		NS		5.8	
	25-Nov-08	NS		1.8	U	NS		NS		NS		1.8	U	NS		NS		1.8	U	1.8	U	NS	
	18-Dec-08	NS		NS		1.8	U	NS		NS		NS		1.8	U	NS		NS		1.8	U	1.8	U
	21-Jan-09	NS		NS		NS		1.8	U	NS		NS		NS		1.8	U	1.8	U	NS		1.8	U
	25-Feb-09	5.8		NS		NS		NS		1.8	U	NS		NS		NS		1.8	U	1.8	U	NS	
	26-Mar-09	NS		0.36	U	NS		NS		NS		0.72	U	NS		NS		NS		0.072	U	0.072	U
	29-Apr-09	NS		NS		0.072	U	NS		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		0.36	U	NS		NS		0.072	U	0.072	U	NS	
	9-Oct-09	NS		0.072	U	NS		NS		0.072	U	NS		0.072	U	15	U	0.086		NS		0.083	
	15-Jan-10	0.079		NS		0.072	U	0.072	U	NS		0.072	U	NS		NS		0.072	U	0.072	U	NS	
	21-Apr-10	NS		0.072	U	NS		NS		0.36	U	NS		3.6	U	0.36	U	0.072	U	NS		0.072	U
	16-Jul-10	0.072	U	NS		0.072	U	0.072	U	NS		0.544	U	NS		NS		0.072	U	0.072	U	NS	
	15-Oct-10	NS		0.072	U	NS		NS		0.072	U	NS		0.072	U	0.072	U	0.072	U	NS		0.072	U
	26-Jan-11	0.72	U	0.072	U	NS		0.072	U	NS		0.396	U	NS		0.36	U	0.36	U	0.36	U	NS	
	28-Feb-11	NS		NS		0.72	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.072	U	NS		NS		0.072	U	NS		0.072	U	0.072	U	0.072	U	NS		0.072	U
	26-Jul-11	0.24	U	NS		0.24	U	0.072	U	NS		0.36	U	NS		NS		0.072	U	0.36	U	NS	
	28-Oct-11	NS		1.8	U	NS		NS		1.8	U	NS		1.8	U	1.8	U	1.8	U	NS		1.8	U
Methyl tert butyl ether (MTBE)	23-Jan-12	0.36	U	NS		0.36	U	0.36	U	NS		0.36	U	NS		NS		0.36	U	0.36	U	NS	
	13-Apr-12	NS		0.36	U	NS		NS		0.36	U	NS		0.36	U	0.36	U	0.36	U	NS		0.36	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.8	U	NS	
	23-Jun-12	0.36	U	NS		0.36	U	0.36	U	NS		0.36	U	NS		NS		0.36	U	0.36	U	NS	
	1-Nov-12	NS		0.072	U	NS		NS		0.072	U	NS		0.072	U	0.072	U	0.072	U	NS		0.072	U
	1-Feb-13	0.072	U	NS		0.072	U	0.072	U	NS		0.072	U	NS		NS		0.072	U	0.072	U	NS	
	29-Apr-13	NS		0.18	U	NS		NS		0.072	U	NS		0.072	U	0.072	U	0.072	U	NS		0.072	U
	9-Jul-13	0.17		NS		0.072	U	0.072	U	NS		0.072	U	NS		NS		0.072	U	0.072	U	NS	
	18-Oct-13	NS		0.072	U	NS		NS		0.072	U	NS		0.072	U	0.072	U	0.072	U	NS		0.072	U
	9-Jan-14	0.072	U	NS		0.072	U	0.072	U	NS		0.072	U	NS		NS		0.072	U	0.072	U	NS	
	24-Apr-14	NS		0.072	U	NS		NS		0.072	U	NS		0.077	U	0.072	U	0.072	U	0.072	U	0.11	U
	1-Aug-14	0.072	U	NS		0.11	U	0.12		NS		NS		NS		NS		0.072	U	0.072	U	NS	
	27-Aug-14	NS		NS		NS		NS		NS		0.072	U	NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.11	U	NS		NS	U	NS	
	22-Oct-14	NS		0.11	U	NS		NS		0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.14	U	NS	
	20-Jan-15	0.072	U	NS		0.072	U	0.072	U	NS		0.072	U	NS		NS		0.11	U	0.072	U	NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.081	U	NS	
	22-Apr-15	NS		0.074 <sup>v</sup>	U	NS		NS		0.072 <sup>v</sup>	U	NS		0.072	U	0.10	U	0.072	U	NS		0.083	U
	21-Jul-15	0.2	U	NS		0.7	U	4		NS		0.2	U	NS		NS		0.200 <sup>U</sup>	U	0.200 <sup>U</sup>	U	NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.2	U	NS		NS		NS	
	29-Oct-15	NS		0.2	U	NS		NS		0.2	U	NS		0.3	U	0.2	U	0.2	U	NS		0.096 <sup>J</sup>	
	4-Dec-15 resample	NS		0.2	U	NS		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Jan-16	0.072	U	NS		0.072	U	0.072	U	NS		0.072	U	NS		NS		0.072	U	0.072	U	NS	
	20-Apr-16	NS		0.072	U	NS		NS		0.072	U	NS		0.072	U	0.072	U	0.072	U	NS		0.072	U
	20-Jul-16	0.36	U	NS		0.46		0.36	U	NS		0.36	U	NS		NS		0.36	U	0.36	U	NS	
	21-Oct-16	NS		0.072	U	NS		NS		0.072	U	NS		0.072	U	0.072	U	0.072	U	NS		0.072	U

**Summary of Subslab Air Sampling Data  
Alvarez School  
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February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	2.34		NS		NS		NS		1.74	U	NS		NS		NS		1.74	U	1.74	U	NS	
	27-Mar-08	NS		1.74	U	NS		NS		NS		2.87		NS		NS		NS		2.1	U	1.74	U
	25-Apr-08	NS		NS		1.74	U	NS		NS		NS		1.74	U	NS		1.74	U	NS		1.74	U
	29-May-08	NS		NS		NS		1.74	U	NS		NS		NS		1.74	U	2.91		1.74	U	NS	
	27-Jun-08	4.33	U	NS		NS		NS		3.69		NS		NS		NS	U	NS		2.78	U	2.78	U
	31-Jul-08	NS		1.74	U	NS		NS		NS		NS		NS		NS		1.74	U	NS		1.74	U
	28-Aug-08	NS		NS		1.74	U	NS		NS		NS		1.74	U	NS		1.74	U	1.74	U	NS	
	30-Sep-08	NS		NS		NS		1.7	U	NS		NS		NS		1.7	U	NS		1.7	U	1.7	U
	27-Oct-08	1.7	U	NS		NS		NS		1.7	U	NS		NS		NS		1.7	U	NS		1.7	U
	25-Nov-08	NS		1.7	U	NS		NS		NS		1.7	U	NS		NS		1.7	U	1.7	U	NS	
	18-Dec-08	NS		NS		1.7	U	NS		NS		NS		1.7	U	NS		NS		1.7	U	1.7	U
	21-Jan-09	NS		NS		NS		1.7	U	NS		NS		NS		NS	U	1.7	U	NS		1.7	U
	25-Feb-09	1.7	U	NS		NS		NS		1.7	U	NS		NS		NS		1.7	U	1.7	U	NS	UI
	26-Mar-09	NS		16.1		NS		NS		NS		17.4	U	NS		NS		NS		1.74	U	1.8	
	29-Apr-09	NS		NS		1.74	U	NS		NS		NS		1.74	U	NS		NS		NS		1.74	U
	22-Jul-09	86.8	U	NS		8.68	U	17.4	U	NS		8.68	U	NS		NS		1.74	U	1.74	U	NS	
	9-Oct-09	NS		1.74	U	NS		NS		1.74	U	NS		1.74	U	362	U	1.74	U	NS		1.74	U
	15-Jan-10	1.74	U	NS		1.74	U	1.74	U	NS		1.74	U	NS		NS		1.74	U	1.74	U	NS	
	21-Apr-10	NS		1.74	U	NS		NS		0.868	U	NS		8.68	U	8.68	U	1.74		NS		1.74	
	16-Jul-10	24		NS		21.5		19.5		NS		26.2	U	NS		NS		27.1		26.5		NS	
	15-Oct-10	NS		3.47	U	NS		NS		3.47	U	NS		3.47	U	3.47	U	3.47	U	NS		3.47	U
	26-Jan-11	34.7	U	3.47	U	NS		3.47	U	NS		0.404	U	NS		17.4	U	17.4	U	NS		NS	
	28-Feb-11	NS		NS		34.7	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		3.47	U	NS		NS		3.47	U	NS		3.47	U	3.47	U	3.47	U	NS		3.47	U
	26-Jul-11	11.6	U	NS		11.6	U	3.47	U	NS		17.4	U	NS		NS		5.7		17.4	U	NS	
	28-Oct-11	NS		17	U	NS		NS		17	U	NS		17	U	17	U	140		NS		17	U
	23-Jan-12	3.5	U	NS		3.5	U	3.5	U	NS		3.5	U	NS		NS		3.5	U	3.5	U	NS	
	13-Apr-12	NS		4.6		NS		NS		7.3		NS		3.5	U	4.6		3.9		NS		3.5	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		17	U	NS	
	23-Jun-12	3.5	U	NS		3.5	U	3.5	U	NS		3.5	U	NS		NS		3.5	U	3.5	U	NS	
	1-Nov-12	NS		0.74		NS		NS		1.1		NS		0.69	U	1.1		0.69	U	NS		6.2	
	1-Feb-13	2		NS		0.93		1.6		NS		1.1		NS		NS		0.9		NS		2.1	
	29-Apr-13	NS		1.7	U	NS		NS		1.4		NS		0.93		1.8		1.1		NS		1.4	
	9-Jul-13	1.8		NS		25		1.2		NS		1.1		NS		NS		31		3.6		NS	
	18-Oct-13	NS		0.69	U	NS		NS		0.69	U	NS		0.69	U	0.77		0.69	U	NS		0.74	
	9-Jan-14	0.85		NS		0.69	U	0.69	U	NS		0.69	U	NS		NS		0.69	U	1.3		NS	
	24-Apr-14	NS		0.90		NS		NS		6.7		NS		2.8		1.5		0.69	U	0.69	U	1.0	U
	1-Aug-14	1.0		NS		1.7		1.7		NS		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		1.2		NS		NS	U	NS	
	22-Oct-14	NS		1.7		NS		NS		1.0	U	1.7		1.4		1.0	U	2.0		3.0		NS	
	20-Jan-15	33		NS		27		25		NS		31		NS		NS		32		0.69	U	NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		40		NS	
	22-Apr-15	NS		0.85 <sup>v</sup>		NS		NS		1.00 <sup>v</sup>		NS		0.73		2.5/2.3		1.0		NS		1.3	
	21-Jul-15	2.1		NS		3.5		3.1 <sup>j</sup>		NS		1.5		NS		NS		1.7 <sup>o</sup>		2.4 <sup>o</sup>		NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		2.4		NS		NS		NS	
	29-Oct-15	NS		1.6		NS		NS		1.4		NS		3.6		2.7		2		NS		4.7	
	4-Dec-15 resample	NS		1.6		NS		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Jan-16	2.3		NS		0.69	U	0.69	U	NS		0.69	U	NS		NS		0.69	U	0.69	U	NS	
	20-Apr-16	NS		0.69	U	NS		NS		0.69	U	NS		1.7		NS	U	4.4		NS		0.86	
	20-Jul-16	3.5	U	NS		3.5	U	3.5	U	NS		3.5	U	NS		NS		3.5	U	8.6		NS	
	21-Oct-16	NS		0.69	U	NS		NS		4.6		NS		0.69	U	2.3		1.1		NS		1.7	

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**Alvarez School**  
**Volatile Organic Compounds**  
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Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	2.05		NS		NS		NS		2.05	U	NS		NS		NS		2.05	U	8.7		NS	
	27-Mar-08	NS	U	2.05	U	NS		NS		NS		NS		NS		NS		NS		15.2		2.05	U
	25-Apr-08	NS		NS		2.05	U	NS		NS		NS		2.05	U	NS		2.05	U	NS		2.05	U
	29-May-08	NS		NS		NS		2.05	U	NS		NS		NS		2.05	U	2.05	U	2.05	U	NS	
	27-Jun-08	3.19	U	NS		NS		NS		2.05	U	NS		NS		NS		NS		2.05	U	2.05	U
	31-Jul-08	NS		2.05	U	NS		NS		NS		NS		NS		NS		2.05	U	NS		2.05	U
	28-Aug-08	NS		NS		2.05	U	NS		NS		NS		2.05	U	NS		2.05	U	2.05	U	NS	
	30-Sep-08	NS		NS		NS		2	U	NS		NS		NS		2	U	NS		2	U	2	U
	27-Oct-08	2	U	NS		NS		NS		2	U	NS		NS		NS		2	U	NS		2	U
	25-Nov-08	NS		3.5		NS		NS		NS		2	U	NS		NS		2	U	2	U	NS	
	18-Dec-08	NS		NS		2	U	NS		NS		NS		2	U	NS		NS		2	U	2	U
	21-Jan-09	NS		NS		NS		2	U	NS		NS		NS		2	U	NS		2	U	2	U
	25-Feb-09	2	U	NS		NS		NS		2	U	NS		NS		NS		2	U	2	U	NS	
	26-Mar-09	NS		10.2	U	NS		NS		NS		20.5	U	NS		NS		NS		2.05	U	2.05	U
	29-Apr-09	NS		NS		2.05	U	NS		NS		NS		2.05	U	NS		2.05	U	NS		2.05	U
	22-Jul-09	10.2	U	NS		10.2	U	20.5	U	NS		10.2	U	NS		NS		2.05	U	2.05	U	NS	
	9-Oct-09	NS		2.05	U	NS		NS		2.05	U	NS		2.05	U	427	U	2.05	U	NS		2.05	U
	15-Jan-10	2.05	U	NS		2.05	U	2.05	U	NS		2.05	U	NS		NS		2.05	U	2.05	U	NS	
	21-Apr-10	NS		2.05	U	NS		NS		10.2	U	NS		10.2	U	10.2	U	2.05	U	NS		2.05	U
	16-Jul-10	2.05	U	NS		2.05	U	2.05	U	NS		15.4	U	NS		NS		2.05	U	2.05	U	NS	
	15-Oct-10	NS		2.05	U	NS		NS		2.05	U	NS		2.05	U	2.05	U	2.05	U	NS		2.05	U
	26-Jan-11	20.5	U	2.05	U	NS		2.05	U	NS		10.2	U	NS		10.2	U	10.2	U	10.2	U	NS	
	28-Feb-11	NS		NS		20.5	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		2.05	U	NS		NS		2.05	U	NS		2.05	U	2.05	U	2.05	U	NS		3.35	
	26-Jul-11	6.84	U	NS		0.684	U	2.05	U	NS		10.2	U	NS		NS		2.05	U	10.2	U	NS	
	28-Oct-11	NS		2	U	NS		NS		2	U	NS		2	U	2	U	2	U	NS		2	U
	23-Jan-12	0.41	U	NS		0.44		0.41	U	NS		0.41	U	NS		NS		0.41	U	1.8		NS	
	13-Apr-12	NS		0.41	U	NS		NS		0.41	U	NS		0.41	U	0.41	U	0.41	U	NS		0.41	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		2	U	NS	
	23-Jun-12	0.41	U	NS		0.41	U	0.41	U	NS		0.41	U	NS		NS		0.41	U	0.46		NS	
	1-Nov-12	NS		0.89		NS		NS		0.65		NS		0.9		0.84		1.1		NS		1.1	
	1-Feb-13	0.12		NS		0.082	U	0.082	U	NS		0.095		NS		NS		0.082	U	0.29		NS	
	29-Apr-13	NS		0.2	U	NS		NS		0.21		NS		0.21		0.082	U	0.86		NS		0.78	
	9-Jul-13	0.66		NS		0.55		0.47		NS		0.51		NS		NS		0.92		0.39		NS	
	18-Oct-13	NS		1.8		NS		NS		2.7		NS		2.2		2.3		3.0		NS		3.8	
	9-Jan-14	0.18		NS		0.15		0.21		NS		0.082	U	NS		NS		0.21		0.77		NS	
	24-Apr-14	NS		0.087		NS		NS		0.082	U	NS		0.13		0.082	U	0.38		0.32		0.66	
	1-Aug-14	0.64		NS		1.0/0.74		1.1/0.86		NS		NS		NS		NS		1.30		2.4/2.0		NS	
	27-Aug-14	NS		NS		NS		NS		NS		2.4		NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.44		NS		NS	U	NS	
	22-Oct-14	NS		0.13		NS		NS		0.12	U	0.12	U	0.26		0.12	U	0.78		0.73		NS	
	20-Jan-15	0.087		NS		0.085		0.12		NS		0.088		NS		NS		0.35		5.8		NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.77		NS	
	22-Apr-15	NS		0.57		NS		NS		0.34		NS		0.85		0.39/0.40		0.87		NS		0.88	
	21-Jul-15	0.2	U	NS		0.8	U	4	U	NS		0.2	U	NS		NS		1.4 <sup>o</sup>		2.7 <sup>o</sup>		NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.2	U	NS		NS		NS	
	29-Oct-15	NS		0.2	U	NS		NS		0.2	U	NS		0.3	U	0.2	U	0.97		NS		0.42	
	4-Dec-15 resample	NS		0.2	U	NS		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Jan-16	0.082	U	NS		0.082	U	0.082	U	NS		0.082	U	NS		NS		0.61		0.88		NS	
	20-Apr-16	NS		0.082	U	NS		NS		0.084		NS		0.21		0.15		0.7		NS		0.74	
	20-Jul-16	0.41	U	NS		1.2		0.59		NS		0.82		NS		NS		2.4		NS		NS	
	21-Oct-16	NS		0.49		NS		NS		0.56		NS		0.64		0.76		2.5		NS		1.2	

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Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.09		NS		NS		NS		0.09	U	NS		NS		NS		0.3		3.15		NS	
	27-Mar-08	NS	U	0.1		NS		NS		NS		0.177		NS		NS		NS		0.206		0.404	
	25-Apr-08	NS		NS		0.244		NS		NS		NS		1.07		NS		0.559		NS		0.351	
	29-May-08	NS		NS		NS		0.17		NS		NS		NS		0.3		NS		0.36		NS	
	27-Jun-08	0.732		NS		NS		NS		0.354		NS		NS		NS		NS		0.598		0.59	
	31-Jul-08	NS		0.276		NS		NS		NS		NS		NS		NS		0.255		NS		0.17	
	28-Aug-08	NS		NS		1.22		NS		NS		NS		0.754		NS		1.02		NS		1.01	
	30-Sep-08	NS		NS		NS		2.1	U	NS		NS		NS		2.1	U	NS		2.1	U	2.1	U
	27-Oct-08	2.1	U	NS		NS		NS		2.1	U	NS		NS		NS		2.1	U	NS		2.1	U
	25-Nov-08	NS		2.1	U	NS		NS		NS		2.1	U	NS		NS		2.1	U	2.1	U	NS	U
	18-Dec-08	NS		NS		2.1	U	NS		NS		NS		2.1	U	NS		NS		2.1	U	2.1	U
	21-Jan-09	NS		NS		NS		2.1	U	NS		NS		NS		2.1	U	2.1	U	NS		2.1	U
	25-Feb-09	2.1	U	NS		NS		NS		2.1	U	NS		NS		NS		2.1	U	2.1	U	NS	U
	26-Mar-09	NS		0.851	U	NS		NS		NS		1.7	U	NS		NS		NS		0.292		0.361	
	29-Apr-09	NS		NS		0.174		NS		NS		NS		0.085	U	NS		0.098		NS		0.243	
	22-Jul-09	0.426	U	NS		0.426	U	0.851	U	NS		0.426	U	NS		NS		0.6		0.149		NS	
	9-Oct-09	NS		0.085	U	NS		NS		0.098		NS		0.085	U	17.8	U	0.153		NS		0.204	
	15-Jan-10	0.106		NS		0.119		0.089		0.098		0.098		NS		NS		0.128		NS		NS	
	21-Apr-10	NS		0.085	U	NS		NS		0.426	U	NS		0.426	U	0.426	U	0.481		NS		0.579	
	16-Jul-10	0.57		NS		0.911		0.66		NS		0.643	U	NS		NS		0.34		0.864		NS	
	15-Oct-10	NS		0.698		NS		NS		1.12		NS		0.779		0.919		0.877		NS		1.52	
	26-Jan-11	0.851	U	0.162		NS		0.179		NS		0.426	U	NS		0.426	U	0.426		0.617		NS	
	28-Feb-11	NS		NS		0.851	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.311		NS		NS		0.302		NS		NS		0.366		0.753		NS		0.749	
	26-Jul-11	0.724		NS		0.779		0.868		NS		0.788	U	NS		NS		1.23		0.681		NS	
	28-Oct-11	NS		2.1	U	NS		NS		2.1	U	NS		2.1	U	2.1	U	2.1	U	NS		2.1	U
	23-Jan-12	0.84		NS		0.43	U	0.43	U	NS		0.43	U	NS		NS		0.46		16		NS	U
	13-Apr-12	NS		0.43	U	NS		NS		0.43	U	NS		0.43	U	0.43	U	0.43	U	NS		0.43	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		2.1	U	NS	
	23-Jun-12	1.7		NS		1.4		1.9		NS		1.9		NS		NS		2.4		2.6		NS	
	1-Nov-12	NS		0.14		NS		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	NS		0.085	U	NS		NS		0.22		NS		NS	
	29-Apr-13	NS		0.22		NS		NS		0.27		NS		0.3		0.36		0.53		NS		0.53	
	9-Jul-13	0.43		NS		0.60		0.39		NS		0.43		NS		NS		0.12		NS		NS	
	18-Oct-13	NS		0.25		NS		NS		0.26		NS		0.35		0.35		0.50		NS		0.57	
	9-Jan-14	0.10		NS		0.10		0.12		NS		0.14		NS		NS		0.44		0.53		NS	
	24-Apr-14	NS		0.085		NS		NS		0.085	U	NS		0.085	U	0.085	U	0.21		0.21		0.28	
	1-Aug-14	0.32		NS		0.64		2.8/3.8		NS		NS		NS		NS		0.45		0.51		NS	
	27-Aug-14	NS		NS		NS		NS		NS		2.7/2.9		NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.81		NS		NS	U	NS	
	22-Oct-14	NS		0.13	U	NS		NS		0.13	U	0.13	U	0.18		0.13	U	1.1		0.98		NS	
	20-Jan-15	0.085	U	NS		0.085	U	0.085	U	NS		0.085	U	NS		NS		0.67		0.085	U	NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.4		NS	
	22-Apr-15	NS		0.098		NS		NS		0.085	U	NS		0.099		0.12	U	1.6		NS		0.80	
	21-Jul-15	0.160 <sup>j</sup>		NS		0.460 <sup>j</sup>		4	U	NS		0.23 <sup>j</sup>		NS		NS		1.3 <sup>o</sup>		2.9 <sup>o</sup>		NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.13 <sup>j</sup>		NS		NS		NS	
	29-Oct-15	NS		0.2	U	NS		NS		0.21 <sup>j</sup>		NS		0.4	U	0.2	U	0.71		NS		0.8	
	4-Dec-15 resample	NS		0.2	U	NS		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Jan-16	0.085	U	NS		0.085	U	0.085	U	NS		0.085	U	NS		NS		1.3		3.7		NS	
	20-Apr-16	NS		0.085	U	NS		NS		0.09		NS		0.13		0.085	U	1.5		NS		0.52	
	20-Jul-16	0.79	L	NS		0.88	L	0.97	L	NS		1.0	L	NS		NS		3.9	L	5.9	L	NS	
	21-Oct-16	NS		0.12		NS		NS		0.18		NS		0.17		0.22		3.2		NS		0.63	

**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
1,1,1,2-Tetrachloroethane	8-Feb-08	0.14		NS		NS		NS		0.14	U	NS		NS		NS		0.14	U	0.14	U	NS	
	27-Mar-08	NS	U	0.137	U	NS		NS		NS		0.137	U	NS		NS		NS	U	0.137	U	0.137	U
	25-Apr-08	NS		NS		0.137	U	NS		NS		NS		0.137	U	NS		0.137	U	NS		0.137	U
	29-May-08	NS		NS		NS		0.14	U	NS		NS		NS		0.14	U	0.14	U	NS		NS	
	27-Jun-08	0.214	U	NS		NS		NS		0.137	U	NS		NS		NS		NS		0.137	U	0.137	U
	31-Jul-08	NS		0.137	U	NS		NS		NS		NS		NS		NS		0.137	U	NS		0.137	U
	28-Aug-08	NS		NS		0.137	U	NS		NS		NS		0.137	U	NS		0.137	U	NS		NS	
	30-Sep-08	NS		NS		NS		0.14	U	NS		NS		NS		0.14	U	NS		0.14	U	0.14	U
	27-Oct-08	0.14	U	NS		NS		NS		0.14	U	NS		NS		NS		0.14	U	NS		NS	
	25-Nov-08	NS		0.14	U	NS		NS		NS		0.14	U	NS		NS		0.14	U	0.14	U	NS	
	18-Dec-08	NS		NS		0.14	U	NS		NS		NS		0.14	U	NS		NS		0.14	U	0.14	U
	21-Jan-09	NS		NS		NS		0.19		NS		NS		NS		0.14	U	0.14	U	NS		NS	
	25-Feb-09	0.14	U	NS		NS		NS		NS		0.14	U	NS		NS		0.14	U	0.14	U	NS	
	26-Mar-09	NS		0.686	U	NS		NS		NS		1.37	U	NS		NS		NS		0.137	U	0.137	U
	29-Apr-09	NS		NS		0.137	U	NS		NS		NS		0.137	U	NS		NS		NS		0.137	U
	22-Jul-09	0.686	U	NS		28	U	1.37	U	NS		0.686	U	NS		NS		0.137	U	0.137	U	NS	
	9-Oct-09	NS		0.137	U	NS		NS		0.137	U	NS		0.137	U	28.6	U	0.137	U	NS		0.137	U
	15-Jan-10	0.109	U	NS		NS		1.37	U	NS		0.137	U	NS		NS		0.137	U	NS		NS	
	21-Apr-10	NS		0.137	U	NS		NS		0.686	U	NS		0.686	U	0.686	U	0.137	U	NS		0.137	U
	16-Jul-10	0.137	U	NS		0.137	U	0.137	U	NS		1.04	U	NS		NS		0.137	U	0.137	U	NS	
	15-Oct-10	NS		0.137	U	NS		NS		0.137	U	NS		0.137	U	0.137	U	0.137	U	NS		0.137	U
	26-Jan-11	1.37	U	0.137	U	NS		0.137	U	NS		0.686	U	NS		0.686	U	0.686	U	0.686	U	NS	
	28-Feb-11	NS		NS		1.37	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.137	U	NS		NS		0.137	U	NS		0.137	U	0.137	U	0.137	U	NS		0.137	U
	26-Jul-11	0.458	U	NS		0.458	U	0.137	U	NS		0.687	U	NS		NS		0.137	U	0.687	U	NS	
	28-Oct-11	NS		6.2	U	NS		NS		6.2	U	NS		6.2	U	6.2	U	6.2	U	NS		6.2	U
	23-Jan-12	1.2	U	NS		1.2	U	1.2	U	NS		1.2	U	NS		NS		1.2	U	1.2	U	NS	
	13-Apr-12	NS		1.2	U	NS		NS		NS		1.2	U	NS		1.2	U	1.2	U	NS		1.2	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		6.2	U	NS	
	23-Jun-12	1.2	U	NS		1.2	U	1.2	U	NS		1.2	U	NS		NS		1.2	U	1.2	U	NS	
	1-Nov-12	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U
	1-Feb-13	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.25	U	0.25	U	NS	
	29-Apr-13	NS		0.62	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U
	9-Jul-13	0.37	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.036	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	NS		0.25	U
	9-Jan-14	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.25	U	0.25	U	NS	
	24-Apr-14	NS		0.25	U	NS		NS		0.25 <sup>1</sup>	U	NS		0.25 <sup>1</sup>	U	0.25	U	0.25 <sup>1</sup>	U	0.25	U	0.37	U
	1-Aug-14	0.25	U	NS		0.37	U	0.37	U	NS		NS		NS		NS		0.25	U	0.25	U	NS	
	27-Aug-14	NS		NS		NS		NS		NS		0.25	U	NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.37	U	NS		NS		NS	
22-Oct-14	NS		0.37	U	NS		NS		0.37	U	0.37	U	0.37	U	0.37	U	0.37	U	0.50	U	NS		
20-Jan-15	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.37	U	0.25	U	NS		
30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.28	U	NS		
22-Apr-15	NS		0.29	U	NS		NS		0.25	U	NS		0.25	U	0.36	U	0.25	U	NS		0.29	U	
27-Jan-16	0.25	U	NS		0.25	U	0.25	U	NS		0.25	U	NS		NS		0.25	U	0.25	U	NS		
20-Apr-16	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U	
20-Jul-16	1.2	U	NS		1.2	U	1.2	U	NS		1.2	U	NS		NS		1.2	U	1.2	U	NS		
21-Oct-16	NS		0.25	U	NS		NS		0.25	U	NS		0.25	U	0.25	U	0.25	U	NS		0.25	U	

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**Alvarez School**  
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**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.14		NS		NS		NS		0.14		NS		NS		NS		0.14		0.14		NS	
	27-Mar-08	NS	U	0.137	U	NS		NS		NS	U	0.137	U	NS		NS		NS	U	0.137	U	0.137	U
	25-Apr-08	NS		NS		0.137	U	NS		NS		NS		0.137	U	NS		0.137	U	NS		0.137	U
	29-May-08	NS		NS		NS		0.14	U	NS		NS		NS		0.14	U	0.14		0.14	U	NS	
	27-Jun-08	0.214	U	NS		NS		NS		0.137	U	NS		NS		NS		NS		0.137	U	0.137	U
	31-Jul-08	NS		0.137	U	NS		NS		NS		NS		NS		NS		0.137	U	NS		0.137	U
	28-Aug-08	NS		NS		0.137	U	NS		NS		NS		0.137	U	NS		0.137	U	0.137	U	NS	
	30-Sep-08	NS		NS		NS		0.14	U	NS		NS		NS		0.14	U	NS		0.14	U	0.14	U
	27-Oct-08	0.14	U	NS		NS		NS		0.14	U	NS		NS		NS		0.14	U	NS		0.14	U
	25-Nov-08	NS		0.14	U	NS		NS		NS		0.14	U	NS		NS		0.14	U	0.14	U	NS	
	18-Dec-08	NS		NS		0.14	U	NS		NS		NS		0.14	U	NS		NS		0.14	U	0.14	U
	21-Jan-09	NS		NS		NS		0.14	U	NS		NS		NS		0.14	U	NS		NS		0.14	U
	25-Feb-09	0.14	U	NS		NS		NS		0.14	U	NS		NS		NS		0.14	U	0.14	U	NS	
	26-Mar-09	NS		0.686	U	NS		NS		NS		1.37	U	NS		NS		NS		0.137	U	0.137	U
	29-Apr-09	NS		NS		0.137	U	NS		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	NS		0.686	U	NS		NS		0.137	U	0.137	U	NS	
	9-Oct-09	NS		0.137	U	NS		NS		0.137	U	NS		0.137	U	28.6	U	0.137	U	NS		0.137	U
	15-Jan-10	0.109	U	NS		0.137	U	0.137	U	NS		0.109	U	NS		NS		0.137	U	0.137	U	NS	
	21-Apr-10	NS		0.137	U	NS		NS		0.686	U	NS		0.686	U	0.686	U	0.137	U	NS		0.137	U
	16-Jul-10	0.137	U	NS		0.137	U	0.137	U	NS		1.04	U	NS		NS		0.137	U	0.137	U	NS	
	15-Oct-10	NS		0.137	U	NS		NS		0.137	U	NS		0.137	U	0.137	U	0.137	U	NS		0.137	U
	26-Jan-11	1.37	U	0.137	U	NS		0.137	U	NS		0.686	U	NS		0.686	U	0.686	U	0.686	U	NS	
	28-Feb-11	NS		NS		1.37	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.137	U	NS		NS		0.137	U	NS		0.137	U	0.137	U	0.137	U	NS		0.137	U
	26-Jul-11	0.458	U	NS		0.458	U	0.137	U	NS		0.687	U	NS		NS		0.137	U	0.687	U	NS	
	28-Oct-11	NS		3.4	U	NS		NS		3.4	U	NS		3.4	U	NS		3.4	U	NS		3.4	U
	23-Jan-12	0.69	U	NS		0.69	U	0.69	U	NS		0.69	U	NS		NS		0.69	U	0.69	U	NS	
	13-Apr-12	NS		0.34	U	NS		NS		0.34	U	NS		0.34	U	0.34	U	0.34	U	NS		0.34	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.7	U	NS	
	23-Jun-12	0.69	U	NS		0.69	U	0.69	U	NS		0.69	U	NS		NS		0.69	U	0.69	U	NS	
	1-Nov-12	NS		0.069	U	NS		NS		0.069	U	NS		0.069	U	0.069	U	0.069	U	NS		0.069	U
	1-Feb-13	0.069	U	NS		0.069	U	0.069	U	NS		0.069	U	NS		NS		0.12	U	0.069	U	NS	
	29-Apr-13	NS		0.17	U	NS		NS		0.069	U	NS		0.069	U	0.69	U	0.069	U	NS		0.069	U
	9-Jul-13	0.10	U	NS		0.069	U	0.069	U	NS		0.069	U	NS		NS		0.010	U	0.069	U	NS	
	18-Oct-13	NS		0.14	U	NS		NS		0.14	U	NS		0.14	U	0.14	U	0.140	U	NS		0.14	U
	9-Jan-14	0.14	U	NS		0.14	U	0.14	U	NS		0.14	U	NS		NS		0.140	U	0.14	U	NS	
	24-Apr-14	NS		0.069	U	NS		NS		0.069 <sup>L</sup>	U	NS		0.069 <sup>L</sup>	U	0.069 <sup>L</sup>	U	0.069 <sup>L</sup>	U	0.069	U	0.21	U
	1-Aug-14	0.14	U	NS		0.21	U	0.21	U	NS		NS		NS		NS		0.140	U	0.14	U	NS	
	27-Aug-14	NS		NS		NS		NS		NS		0.069 <sup>L</sup>	U	NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
	22-Oct-14	NS		0.10	U	NS		NS		0.10	U	0.14	U	NS									
	20-Jan-15	0.069	U	NS		0.069	U	0.069	U	NS		0.069	U	NS		NS		0.10	U	0.069	U	NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.077	U	NS	
	22-Apr-15	NS		0.070	U	NS		NS		0.069	U	NS		0.069	U	0.10	U	0.069	U	NS		0.079	U
	21-Jul-15	0.3	U	NS		1	U	7	U	NS		0.4	U	NS		NS		0.300 <sup>O</sup>	U	0.400 <sup>O</sup>	U	NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.3	U	NS		NS		NS	
	29-Oct-15	NS		0.4	U	NS		NS		0.4	U	NS		0.6	U	0.3	U	0.3	U	NS		0.3	U
	4-Dec-15 resample	NS		0.3	U	NS		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Jan-16	0.069	U	NS		0.069	U	0.069	U	NS		0.069	U	NS		NS		0.069	U	0.069	U	NS	
	20-Apr-16	NS		0.069	U	NS		NS		0.069	U	NS		0.069	U	0.069	U	0.069	U	NS		0.069	U
	20-Jul-16	0.34	U	NS		0.34	U	0.34	U	NS		0.34	U	NS		NS		0.34	U	0.34	U	NS	
	21-Oct-16	NS		0.069	U	NS		NS		0.069	U	NS		0.069	U	0.069	U	0.069	U	NS		0.069	U

**Summary of Subslab Air Sampling Data  
Alvarez School  
Volatile Organic Compounds  
February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.35		NS		NS		NS		0.14	U	NS		NS		NS		0.53		5.05		NS	
	27-Mar-08	NS		0.888		NS		NS		NS		0.875		NS		NS		NS		6.99		5.25	
	25-Apr-08	NS		NS		0.322		NS		NS		NS		0.99		NS		0.83		NS		0.867	
	29-May-08	NS		NS		NS		1.36		NS		NS		NS		0.24		0.3		3.21		NS	
	27-Jun-08	1.32		NS		NS		NS		29.6		NS		NS		NS		NS		5.08		1.8	
	31-Jul-08	NS		0.667		NS		NS		NS		NS		NS		NS		0.618		NS		0.572	
	28-Aug-08	NS		NS		1.55		NS		NS		NS		1.52		NS		1.37		6.26		NS	
	30-Sep-08	NS		NS		NS		3.4		NS		NS		NS		3.4	U	NS		6.1		3.4	U
	27-Oct-08	4.2	U	NS		NS		NS		10		NS		NS		NS		4.2	U	NS		4.2	U
	25-Nov-08	NS		21.3		NS		NS		NS		4.6		NS		NS		3.4	U	8.9		NS	U
	18-Dec-08	NS		NS		3.4	U	NS		NS		NS		3.4	U	NS		NS		3.4	U	3.4	U
	21-Jan-09	NS		NS		NS		3.4	U	NS		NS		NS		3.4	U	3.4	U	NS		3.4	U
	25-Feb-09	3.4	U	NS		NS		NS		8.3		NS		NS		NS		3.4	U	3.7		NS	U
	26-Mar-09	NS		1.28		NS		NS		NS		1.36	U	NS		NS		NS		7.11		2.08	
	29-Apr-09	NS		NS		0.271		NS		NS		NS		0.305		NS		0.237		NS		0.691	
	22-Jul-09	1.63		NS		1.63		2.1		NS		3.08		NS		NS		11.8		3.25		NS	
	9-Oct-09	NS		0.556		NS		NS		2.07		NS		0.678		28.3	U	1.17		NS		1.46	
	15-Jan-10	1.31		NS		0.644		1.35		NS		0.691		NS		NS		0.447		0.501		NS	
	21-Apr-10	NS		7.2		NS		NS		31.4		NS		35.5		36.8		62.1		NS		36.1	
	16-Jul-10	12.4		NS		12.7		10.9		NS		10		NS		NS		15.4		19.2		NS	
	15-Oct-10	NS		21.9		NS		NS		37.6		NS		21.3		21.8		22.1		NS		31.6	
	26-Jan-11	1.36	U	0.691		NS		1.27		NS		0.678	U	NS		0.813		2.13		8.3		NS	
	28-Feb-11	NS		NS		1.36	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		1.44		NS		NS		7.22		NS		1.53		1.56		1.46		NS		1.98	
	26-Jul-11	3.34		NS		0.834		2.59		NS		9.29		NS		NS		0.976		6.78		NS	
	28-Oct-11	NS		3.4	U	NS		NS		8.5		NS		3.4	U	NS		3.4	U	NS		3.4	U
	23-Jan-12	1		NS		0.68	U	1.7		NS		5.3		NS		NS		0.76		26		NS	
	13-Apr-12	NS		19		NS		NS		18		NS		12		18		18		NS		15	
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		9.6		NS	
	23-Jun-12	1.5		NS		0.68	U	3.5		NS		0.8		NS		NS		0.68	U	8.9		NS	
	1-Nov-12	NS		7.4		NS		NS		11		NS		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		7.7		NS	
	29-Apr-13	NS		8.1		NS		NS		4.7		NS		1.1		1		1.3		NS		1.8	
	9-Jul-13	2.0		NS		2.1		3.1		NS		2.9		NS		NS		2.6		8.8		NS	
	18-Oct-13	NS		14		NS		NS		7.3		NS		0.61		0.32		0.32		NS		1.4	
	9-Jan-14	0.6		NS		0.22		1.1		NS		1.8		NS		NS		0.46		11		NS	
	24-Apr-14	NS		4.7		NS		NS		5.7		NS		0.41		0.068	U	0.51		10		0.30	
	1-Aug-01	2.3		NS		3.3/4.9		2.1		NS		NS		NS		NS		0.97		4.0/5.9		NS	
	27-Aug-14	NS		NS		NS		NS		NS		2.4/3.5		NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.34		NS		NS	U	NS	
	22-Oct-14	NS		6.9		NS		NS		5.0		0.61		0.43		0.10	U	0.10	U	4.0		NS	
	20-Jan-15	0.9		NS		0.20		0.37		NS		1.0		NS		NS		0.52		0.21		NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		3.0		NS	
	22-Apr-15	NS		5.3		NS		NS		2.6		NS		0.85		0.48/0.52		1.7		NS		1.5	
	21-Jul-15	0.34		NS		1	U	7	U	NS		3.2		NS		NS		0.44 <sup>o</sup>		4.0 <sup>o</sup>		NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		1.5		NS		NS		NS	
	29-Oct-15	NS		18		NS		NS		3.6		NS		1.2		6.6		0.18 <sup>j</sup>		NS		0.65	
	4-Dec-15 resample	NS		14		NS		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		NS	
	20-Apr-16	NS		9.7		NS		NS		3.4		NS		0.22		0.11		0.14		NS		0.47	
	20-Jul-16	0.5		NS		0.99		1.6		NS		4.8		NS		NS		0.71		5.6		NS	
	21-Oct-16	NS		40		NS		NS		4.6		NS		0.75		0.83		0.39		NS		0.93	

**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	1.63		NS		NS		NS		1.8		NS		NS		NS		2.72		455		NS	
	27-Mar-08	NS		2.24		NS		NS		NS		1.45		NS		NS		NS		11.3		16.1	
	25-Apr-08	NS		NS		1.39		NS		NS		NS		1.34		NS		11.2		NS		21.8	
	29-May-08	NS		NS		NS		7.74		NS		NS		NS		11.6		21		13		NS	
	27-Jun-08	14.7		NS		NS		NS		2.33		NS		NS		NS		NS		10.6		22.2	
	31-Jul-08	NS		4.15		NS		NS		NS		NS		NS		NS		10.2		NS		6.11	
	28-Aug-08	NS		NS		6.48		NS		NS		NS		3.44		NS		10		11.2		NS	
	30-Sep-08	NS		NS		NS		1.9	U	NS		NS		NS		6.1		NS		7.5		8.6	
	27-Oct-08	56.3		NS		NS		NS		3.2		NS		NS		NS		6.6		NS		8.2	
	25-Nov-08	NS		7.8		NS		NS		NS		7.8		NS		NS		29.9		18.6		NS	
	18-Dec-08	NS		NS		2		NS		NS		NS		1.9	U	NS		NS		4.8		4.9	
	21-Jan-09	NS		NS		NS		1.9	U	NS		NS		NS		1.9	U	1.9	U	NS		1.9	U
	25-Feb-09	7		NS		NS		NS		1.9	U	NS		NS		NS		1.9	U	13.8		NS	
	26-Mar-09	NS		3.53		NS		NS		NS		3.92		NS		NS		NS		7.23		9.75	
	29-Apr-09	NS		NS		1.99		NS		NS		NS		0.651		NS		0.149		NS		4.56	
	22-Jul-09	38.7		NS		38.7		2.22		NS		4.71		NS		NS		80.1		5.32		NS	
	9-Oct-09	NS		3.53		NS		NS		3.06		NS		1.07		23.6		3.12		NS		3.67	
	15-Jan-10	12.8		NS		4.17		4.33		NS		5.81		NS		NS		4.81		4.85		NS	
	21-Apr-10	NS		0.9		NS		NS		2.97		NS		3.75		5.2		2.84		NS		5.08	
	16-Jul-10	22.2		NS		17.9		5.98		NS		5.54		NS		NS		5.77		5.85		NS	
	15-Oct-10	NS		1.67		NS		NS		2.1		NS		1.72		3.37		2.23		NS		3.26	
	26-Jan-11	6.06		6.82		NS		6.82		NS		4.74		NS		5.95		12.1		11.9		NS	
	28-Feb-11	NS		NS		1.88		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.836		NS		NS		0.682		NS		1.25		3.62		2.08		NS		1.62	
	26-Jul-11	8.29		NS		3.96		1.15		NS		1.62		NS		NS		2.31		1.68		NS	
	28-Oct-11	NS		1.9	U	NS		NS		1.9	U	NS		1.9	U	3.3		4.7		NS		3.8	
Toluene	23-Jan-12	7.9		NS		3.8		1.9		NS		3.4		NS		NS		5.2		15		NS	
	13-Apr-12	NS		0.75		NS		NS		0.38	U	NS		0.38	U	1.3		2.4		NS		1.5	
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.9	U	NS	
	23-Jun-12	8.5		NS		3.5		1.5		NS		2.5		NS		NS		2.4		1.8		NS	
	1-Nov-12	NS		2		NS		NS		1.7		NS		2.3		2.8		2.8		NS		4.5	
	1-Feb-13	2.4		NS		0.69		0.69		NS		0.71		NS		NS		1.4		1.6		NS	
	29-Apr-13	NS		1.7		NS		NS		1.3		NS		1.7		2.1		3.1		NS		3.9	
	9-Jul-13	11		NS		3.0		2.0		NS		2.5		NS		NS		6.8		3.4		NS	
	18-Oct-13	NS		2.3		NS		NS		3.1		NS		2.8		7.5		1.3		NS		1.9	
	9-Jan-14	10		NS		7.6		8.6		NS		10		NS		NS		20		16		NS	
	24-Apr-14	NS		0.23		NS		NS		0.22		NS		0.25		0.36		0.28		0.25		1.1	
	1-Aug-14	2.7		NS		2.8/3.2		1.3/1.4		NS		NS		NS		NS		1.6		1.9		NS	
	27-Aug-14	NS		NS		NS		NS		NS		2.2/2.8		NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		1.5		NS		NS	U	NS	
	22-Oct-14	NS		0.34		NS		NS		0.32		0.48		0.94		0.51		1.2		1.2		NS	
	20-Jan-15	1.5		NS		0.6		0.6		NS		0.44		NS		NS		1.4		1.5		NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.2		NS	
	22-Apr-15	NS		0.95		NS		NS		0.59		NS		1.2		1.4/1.6		3.4		NS		4.3	
	21-Jul-15	3.8		NS		4.5		4	U	NS		2		NS		NS		5.4 <sup>o</sup>		7.6 <sup>o</sup>		NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		1.4		NS		NS		NS	
	29-Oct-15	NS		0.41		NS		NS		0.55		NS		0.64		1.1		1.2		NS		2.8	
	4-Dec-15 resample	NS		0.42		NS		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Jan-16	1.5		NS		0.5		0.4		NS		0.44		NS		NS		1.2		0.89		NS	
	20-Apr-16	NS		0.62		NS		NS		0.77		NS		1.3		0.85		3.5		NS		1.8	
	20-Jul-16	1.2	W	NS		1.9	W	0.77	W	NS		1.2	W	NS		NS		1.6	W	44	W	NS	
	21-Oct-16	NS		0.56		NS		NS		2.6		NS		1.8		4.2		1.9		NS		2.5	

**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.11		NS		NS		NS		0.11		NS		NS		NS		0.11		0.56		NS	
	27-Mar-08	NS	U	0.109	U	NS		NS		NS	U	0.109	U	NS		NS		NS	U	0.522		0.266	
	25-Apr-08	NS		NS		0.109	U	NS		NS		NS		0.109	U	NS		0.109	U	NS		0.119	
	29-May-08	NS		NS		NS		NS		NS		NS		NS	U	0.11	U	0.11	U	NS		NS	
	27-Jun-08	0.17	U	NS		NS		NS		0.458		NS		NS		NS	U	NS		0.377		0.138	
	31-Jul-08	NS		0.109	U	NS		NS		NS		NS		NS		NS		0.109	U	NS		0.109	U
	28-Aug-08	NS		NS		0.109	U	NS		NS		NS		0.153		NS		0.109	U	0.492		NS	
	30-Sep-08	NS		NS		NS		2.7	U	NS		NS		NS		2.7	U	NS		2.7	U	2.7	U
	27-Oct-08	3.4	U	NS		NS		NS		3.4	U	NS		NS		NS		3.4	U	NS		3.4	U
	25-Nov-08	NS		2.7	U	NS		NS		NS		2.7	U	NS		NS		2.7	U	2.7	U	NS	U
	18-Dec-08	NS		NS		2.7	U	NS		NS		NS		2.7	U	NS		NS		2.7	U	2.7	U
	21-Jan-09	NS		NS		NS		2.7	U	NS		NS		NS		2.7	U	2.7	U	NS		2.7	U
	25-Feb-09	2.7	U	NS		NS		NS		2.7	U	NS		NS		NS		2.7	U	2.7	U	NS	U
	26-Mar-09	NS		1.59		NS		NS		NS		1.09	U	NS		NS		NS		0.682		0.213	
	29-Apr-09	NS		NS		0.174		NS		NS		NS		0.147		NS		0.158		NS		0.191	
	22-Jul-09	0.545	U	NS		22.2	U	1.09	U	NS		0.545	U	NS		NS		0.109	U	0.278		NS	
	9-Oct-09	NS		0.109	U	NS		NS		0.158		NS		0.191		22.8	U	0.109	U	NS		0.136	
	15-Jan-10	0.109	U	NS		0.109	U	1.09	U	NS		0.109	U	NS		NS		0.109	U	0.692		NS	
	21-Apr-10	NS		0.109	U	NS		NS		0.545	U	NS		0.545	U	0.545	U	0.109		NS		1.09	U
	16-Jul-10	0.109	U	NS		0.109	U	0.109	U	NS		0.824	U	NS		NS		0.109	U	0.562		NS	U
	15-Oct-10	NS		0.272		NS		NS		0.349		NS		0.109	U	0.109	U	0.109	U	NS		0.109	U
	26-Jan-11	1.09	U	0.109	U	NS		0.109	U	NS		0.545	U	NS		0.545	U	0.545	U	0.845		NS	
	28-Feb-11	NS		NS		1.09	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.109	U	NS		NS		0.109	U	NS		0.109	U	0.109	U	0.109	U	NS		0.109	U
	26-Jul-11	0.364	U	NS		0.364	U	0.109	U	NS		0.873		NS		NS		0.109	U	0.546	U	NS	
	28-Oct-11	NS		2.7	U	NS		NS		2.7	U	NS		2.7	U	2.7	U	2.7	U	NS		2.7	U
	23-Jan-12	0.55	U	NS		0.55	U	0.55	U	NS		1.5	U	NS		NS		0.55	U	1.3		NS	U
	13-Apr-12	NS		0.27	U	NS		NS		0.27	U	NS		0.27	U	0.27	U	0.27	U	NS		0.27	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		1.4	U	NS	
	23-Jun-12	0.55	U	NS		0.55	U	0.55	U	NS		0.55	U	NS		NS		0.55	U	0.7		NS	
	1-Nov-12	NS		0.25		NS		NS		0.27		NS		0.055	U	0.055	U	0.055	U	NS		0.14	
	1-Feb-13	0.055	U	NS		0.055	U	0.055	U	NS		0.83		NS		NS		0.055	U	0.23		NS	
	29-Apr-13	NS		0.15		NS		NS		0.076		NS		0.055	U	0.061		0.055	U	NS		0.055	U
	9-Jul-13	0.082	U	NS		0.055	U	0.061		NS		0.33		NS		NS		0.055	U	0.26		NS	
	18-Oct-13	NS		0.23		NS		NS		0.19		NS		0.11	U	0.11	U	0.11	U	NS		0.28	
	9-Jan-14	0.11	U	NS		0.11	U	0.11	U	NS		0.41		NS		NS		0.11	U	0.46		NS	
	24-Apr-14	NS		0.055	U	NS		NS		0.055	U	NS		0.055	U	0.055	U	0.055	U	0.42		0.16	U
	1-Aug-14	0.11	U	NS		0.16	U	0.16	U	NS		NS		NS		NS		0.11	U	0.22		NS	
	27-Aug-14	NS		NS		NS		NS		NS		0.35		NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.082	U	NS		NS	U	NS	
	22-Oct-14	NS		0.19		NS		NS		0.19		0.082	U	0.082	U	0.082	U	0.082	U	0.28		NS	
	20-Jan-15	0.055	U	NS		0.055	U	0.055	U	NS		0.31		NS		NS		0.082	U	0.055	U	NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.14		NS	
	22-Apr-15	NS		0.056	U	NS		NS		0.055	U	NS		0.055	U	0.079	U	0.055	U	NS		0.063	U
	21-Jul-15	0.3	U	NS		1	U	5	U	NS		0.27 <sup>j</sup>		NS		NS		0.3 <sup>o</sup>	U	0.3 <sup>o</sup>	U	NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.3	U	NS		NS		NS	
	29-Oct-15	NS		0.36		NS		NS		0.3	U	NS		0.5	U	0.3	U	0.3	U	NS		0.3	U
	4-Dec-15 resample	NS		0.23 <sup>j</sup>		NS		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Jan-16	0.055	U	NS		0.055	U	0.055	U	NS		0.24		NS		NS		0.055	U	0.4		NS	
	20-Apr-16	NS		0.2		NS		NS		0.098		NS		0.055	U	0.055	U	0.055	U	NS		0.074	
	20-Jul-16	0.27	U	NS		0.27	U	0.27	U	NS		0.59	U	NS		NS		0.28		NS		NS	
	21-Oct-16	NS		0.59		NS		NS		0.19		NS		0.083		0.094		0.089		NS		1.4	

**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.11		NS		NS		NS		0.11	U	NS		NS		NS		0.11	U	0.11	U	NS	
	27-Mar-08	NS	U	0.109	U	NS		NS		NS		0.109	U	NS		NS		NS		0.109	U	0.109	U
	25-Apr-08	NS		NS		0.109	U	NS		NS		NS		0.109	U	NS		0.109	U	NS		0.109	U
	29-May-08	NS		NS		NS		0.11	U	NS		NS		NS		0.11	U	0.11	U	NS		NS	
	27-Jun-08	0.17	U	NS		NS		NS		0.109	U	NS		NS		NS		NS		0.109	U	0.109	U
	31-Jul-08	NS		0.109	U	NS		0.109	U	NS		0.109	U										
	28-Aug-08	NS		NS		0.109	U	NS		NS		NS		0.109	U	NS		0.109	U	NS		NS	
	30-Sep-08	NS		NS		NS		0.11	U	NS		NS		NS		0.11	U	NS		0.11	U	0.11	U
	27-Oct-08	0.11	U	NS		NS		NS		0.11	U	NS		NS		NS		0.11	U	NS		0.11	U
	25-Nov-08	NS		0.11	U	NS		NS		NS		0.11	U	NS		NS		0.11	U	0.11	U	NS	
	18-Dec-08	NS		NS		0.11	U	NS		NS		NS		0.11	U	NS		NS		0.11	U	0.11	U
	21-Jan-09	NS		NS		NS		0.11	U	NS		NS		NS		0.11	U	NS		NS		0.11	U
	25-Feb-09	0.11	U	NS		NS		NS		0.11	U	NS		NS		NS		0.11	U	0.11	U	NS	
	26-Mar-09	NS		0.545	U	NS		NS		NS		1.09	U	NS		NS		NS		0.109	U	0.109	U
	29-Apr-09	NS		NS		0.109	U	NS		NS		NS		0.109	U	NS		0.109	U	NS		0.109	U
	22-Jul-09	0.545	U	NS		22.2	U	1.09	U	NS		0.545	U	NS		NS		0.109	U	0.109	U	NS	
	9-Oct-09	NS		0.109	U	NS		NS		0.109	U	NS		0.109	U	22.8	U	0.109	U	NS		0.109	U
	15-Jan-10	0.109	U	NS		0.109	U	1.09	U	NS		0.081	U	NS		NS		0.109	U	0.109	U	NS	
	21-Apr-10	NS		0.109	U	NS		NS		0.545	U	NS		0.545	U	0.545	U	0.109	U	NS		0.109	U
	16-Jul-10	0.109	U	NS		0.109	U	0.109	U	NS		0.824	U	NS		NS		1.09	U	0.109	U	NS	
	15-Oct-10	NS		0.109		NS		NS		0.109	U	NS		0.109	U	0.109	U	0.109	U	NS		0.109	U
	26-Jan-11	1.09	U	0.109	U	NS		0.109	U	NS		0.545	U	NS		0.547	U	0.545	U	0.545	U	NS	
	28-Feb-11	NS		NS		1.09	U	NS		NS		NS		NS									
	27-Apr-11	NS		0.109	U	NS		NS		0.109	U	NS		0.109	U	0.109	U	0.109	U	NS		0.109	U
	26-Jul-11	0.364	U	NS		0.364	U	0.109	U	NS		0.546	U	NS		NS		0.109	U	0.546	U	NS	
	28-Oct-11	NS		2.7	U	NS		NS		2.7	U	NS		2.7	U	2.7	U	2.7	U	NS		2.7	U
	23-Jan-12	0.55	U	NS		0.55	U	0.55	U	NS		0.55	U	NS		NS		0.55	U	4.2		NS	
	13-Apr-12	NS		0.27	U	NS		NS		0.27	U	NS		0.27	U	0.27	U	0.27	U	NS		0.27	U
	2-Jul-12 (resample)	NS		NS		1.4	U	NS															
	23-Jun-12	0.55	U	NS		0.55	U	0.55	U	NS		0.5	U	NS		NS		0.55	U	0.55	U	NS	
	1-Nov-12	NS		0.055	U	NS		NS		0.055	U	NS		0.055	U	0.055	U	0.055	U	NS		0.055	U
	1-Feb-13	0.055	U	NS		0.055	U	0.055	U	NS		0.055	U	NS		NS		0.055	U	0.055	U	NS	
	29-Apr-13	NS		0.14	U	NS		NS		0.055	U	NS		0.055	U	0.055	U	0.055	U	NS		0.055	U
	9-Jul-13	0.082	U	NS		0.055	U	0.055	U	NS		0.055	U	NS		NS		0.055	U	0.055	U	NS	
	18-Oct-13	NS		0.11	U	NS		NS		0.11	U	NS		0.11	U	0.11	U	0.11	U	NS		0.11	U
	9-Jan-14	0.11	U	NS		0.11	U	0.11	U	NS		0.11	U	NS		NS		0.11	U	0.11	U	NS	
	24-Apr-14	NS		0.055	U	NS		NS		0.055	U	NS		0.055	U	0.055	U	0.055	U	0.055	U	0.16	U
	1-Aug-14	0.11	U	NS		0.16	U	0.16	U	NS		NS		NS		NS		0.11	U	0.11	U	NS	
	27-Aug-14	NS		0.055	U	NS		NS		NS		NS		NS									
	12-Sept-14 (resample)	NS		0.082	U	NS		NS		NS													
	22-Oct-14	NS		0.082	U	NS		NS		0.082	U	0.082	U	0.082	U	0.082	U	0.082	U	0.11	U	NS	
	20-Jan-15	0.055	U	NS		0.055	U	0.055	U	NS		0.055	U	NS		NS		0.082	U	0.055	U	NS	
	30-Mar-15 (resample)	NS		NS		0.061	U	NS															
	22-Apr-15	NS		0.056	U	NS		NS		0.055	U	NS		0.055	U	0.079	U	0.055	U	NS		0.063	U
	21-Jul-15	0.3	U	NS		1	U	5	U	NS		0.3	U	NS		NS		0.3 <sup>U</sup>	U	0.3 <sup>U</sup>	U	NS	
	23-Sept-15 resample	NS		0.3	U	NS		NS		NS													
	29-Oct-15	NS		0.3	U	NS		NS		0.3	U	NS		0.5	U	0.3	U	0.3	U	NS		0.3	U
	4-Dec-15 resample	NS		0.3	U	NS		NS		NS		NS											
	27-Jan-16	0.055	U	NS		0.055	U	0.055	U	NS		0.055	U	NS		NS		0.055	U	0.055	U	NS	
	20-Apr-16	NS		0.055	U	NS		NS		0.055	U	NS		0.055	U	0.055	U	0.055	U	NS		0.055	U
	20-Jul-16	0.27	U	NS		0.27	U	0.27	U	NS		0.27	U	NS		NS		0.27	U	0.27	U	NS	
	21-Oct-16	NS		0.055	U	NS		NS		0.055	U	NS		0.055	U	0.055	U	0.055	U	NS		0.055	U

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Alvarez School  
Volatile Organic Compounds  
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Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.12		NS		NS		NS		0.11	U	NS		NS		NS		0.2		19.6		NS	
	27-Mar-08	NS		0.107	U	NS		NS		NS		0.152		NS		NS		NS		13.4		5.34	
	25-Apr-08	NS		NS		0.199		NS		NS		NS		1.35		NS		0.668		NS		3.39	
	29-May-08	NS		NS		NS		26.5		NS		NS		NS		0.15		NS		13.6		NS	
	27-Jun-08	0.408		NS		NS		NS		258		NS		NS		NS		NS		13.6		6.56	
	31-Jul-08	NS		1.24		NS		NS		NS		NS		NS		NS		0.126		NS		3.26	
	28-Aug-08	NS		NS		0.558		NS		NS		NS		3.56		NS		0.432		18.4		NS	
	30-Sep-08	NS		NS		NS		56.2		NS		NS		NS		NS	U	NS		22.7		3.95	
	27-Oct-08	0.8	U	NS		NS		NS		117		NS		NS		NS		2.99		NS		0.8	U
	25-Nov-08	NS		2.92		NS		NS		NS		1.89		NS		NS		0.54	U	39.8		NS	
	18-Dec-08	NS		NS		0.54	U	NS		NS		NS		0.54	U	NS		NS		4.56		2.48	
	21-Jan-09	NS		NS		NS		19.6		NS		NS		NS		0.54	U	NS	U	NS		4.99	
	25-Feb-09	0.44		NS		NS		NS		99.5		NS		NS		NS		0.56		10.7		NS	
	26-Mar-09	NS		9.2		NS		NS		NS		3.88		NS		NS		NS		25.1		5.49	
	29-Apr-09	NS		NS		0.22		NS		NS		NS		1.2		NS		0.392		NS		2.96	
	22-Jul-09	0.537	U	NS		0.537	U	12.7		NS		3.19		NS		NS		0.354		10.3		NS	
	9-Oct-09	NS		0.091	U	NS		NS		26		NS		1.24		22.4	U	0.182		NS		3.26	
	15-Jan-10	0.591		NS		0.242		17.7		NS		0.172		NS		NS		0.107	U	18.5		NS	
	21-Apr-10	NS		0.107	U	NS		NS		34		NS		0.94		0.537	U	0.891		NS		2.01	
	16-Jul-10	0.333		NS		0.333		8.14		NS	U	0.811		NS		NS		0.107		27.8		NS	
	15-Oct-10	NS		2.26		NS		NS		129		NS		1.92		0.177		0.317		NS		1.3	
	26-Jan-11	1.07	U	1.63		NS		9.94		NS		0.537	U	NS		0.617		1.23		27.1		NS	
	28-Feb-11	NS		NS		1.07	U	NS		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	U	NS		1.56	
	26-Jul-11	1.18		NS		0.358	U	29.6		NS		10.5		NS		NS		0.247		20.5		NS	
	28-Oct-11	NS		2.7	U	NS		NS		110		NS		2.7	U	NS	U	NS	U	NS		2.7	U
	23-Jan-12	0.88		NS		0.54	U	6.8		NS		7.8		NS		NS		0.54	U	44		NS	
	13-Apr-12	NS		0.27	U	NS		NS		83		NS		1.5		0.27	U	0.27	U	NS		4.1	
	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	U	35		NS	
	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	NS	
	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		NS	
	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	NS	
	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		NS		0.081	U	0.054	U	NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		15		NS	
	22-Apr-15	NS		0.96		NS		NS		35		NS		0.80		0.078	U	0.57		NS		3.6	
	21-Jul-15	0.2	U	NS		1	U	15		NS		3.1		NS		NS		0.99 <sup>o</sup>		24 <sup>o</sup>		NS	
	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	
	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	

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Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	1.22		NS		NS		NS		1.22		NS		NS		NS		1.06		15.9		NS	
	27-Mar-08	NS		1.27		NS		NS		NS		1.18		NS		NS		NS		12		9.02	
	25-Apr-08	NS		NS		1.18		NS		NS		NS		5.2		NS		1.66		NS		3.83	
	29-May-08	NS		NS		NS		33.5		NS		NS		NS		0.98		1.05		10.6		NS	
	27-Jun-08	1.29		NS		NS		NS		75.2		NS		NS		NS		NS		8.85		8.89	
	31-Jul-08	NS		1.01		NS		NS		NS		NS		NS		NS		0.958		NS		5.1	
	28-Aug-08	NS		NS		2.53		NS		NS		NS		18		NS		1.79		15.6		NS	
	30-Sep-08	NS		NS		NS		53.8		NS		NS		NS		2.8	U	NS		14.5		10.4	
	27-Oct-08	2.8	U	NS		NS		NS		44.4		NS		NS		NS		6.1		NS		2.8	U
	25-Nov-08	NS		10		NS		NS		NS		12.2		NS		NS		2.8	U	34		NS	
	18-Dec-08	NS		NS		2.8	U	NS		NS		NS		4.9		NS		NS		4.8		7.1	
	21-Jan-09	NS		NS		NS		26.9		NS		NS		NS		NS		2.8	U	NS		10.4	
	25-Feb-09	2.8	U	NS		NS		NS		14.8		NS		NS		NS		2.8	U	7.1		NS	
	26-Mar-09	NS		1.43		NS		NS		NS		2.81	U	NS		NS		NS		19.6		10.3	
	29-Apr-09	NS		NS		1.45		NS		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		NS	
	9-Oct-09	NS		0.156		NS		NS		20		NS		11		58.6	U	1.65		NS		9.32	
	15-Jan-10	1.39		NS		2.1		16.6		NS		1.78		NS		NS		1.34		15.4		NS	
	21-Apr-10	NS		0.466		NS		NS		10.1		NS		4.83		1.4	U	4.95		NS		5.47	
	16-Jul-10	2.6		NS		1.84		16.4		NS		2.12	U	NS		NS		2.23		19.8		NS	
	15-Oct-10	NS		9.63		NS		NS		72.2		NS		13.7		5.65		9.85		NS		10	
	26-Jan-11	2.81	U	1.16		NS		13.8		NS		1.4	U	NS		1.4	U	1.71		26		NS	
	28-Feb-11	NS		NS		2.81	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		1.12		NS		NS		12.8		NS		3.24		1.27		1.17		NS		2.53	
	26-Jul-11	4.27		NS		1.31		41.2	U	NS		15.3		NS		NS		1.62		10		NS	
	28-Oct-11	NS		NS	U	NS		NS		30		NS		5.1		2.8	U	2.9		NS		4.2	
	23-Jan-12	2.1		NS		1.5		28		NS		29		NS		NS		1.4		16		NS	
	13-Apr-12	NS		1.9		NS		NS		15		NS		6.4		2.1		2		NS		8.8	
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		21		NS	
	23-Jun-12	2.4		NS		1.1		85		NS		2.2		NS		NS		1.2		15		NS	
	1-Nov-12	NS		3.3		NS		NS		33		NS		6.7		1.2		1.2		NS		7.2	
	1-Feb-13	2.1		NS		1.6		15		NS		17		NS		NS		1.6		5.6		NS	
	29-Apr-13	NS		2.6		NS		NS		8.3		NS		3.1		1.5		1.6		NS		2.7	
	9-Jul-13	1.4		NS		2.2		33		NS		3.3		NS		NS		3.6		5.5		NS	
	18-Oct-13	NS		4.0		NS		NS		19		NS		6.9		3.0		1.6		NS		20	
	9-Jan-14	1.6		NS		1.8		21		NS		11		NS		NS		1.8		11		NS	
	24-Apr-14	NS		2.3		NS		NS		10		NS		3.5		1.7		2.4		9.3		4.3	
	1-Aug-14	2.9		NS		1.7/1.6		23/26		NS		NS		NS		NS		2.4		6.2		NS	
	27-Aug-14	NS		NS		NS		NS		NS		7.0/6.6		NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		1.5		NS		NS	U	NS	
	22-Oct-14	NS		2.7		NS		NS		28		4.2		7.0		1.7		1.4		7.4		NS	
	20-Jan-15	1.6		NS		1.5		9.1		NS		5.2		NS		NS		1.3		1.4		NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		2.8		NS	
	22-Apr-15	NS		7.8 <sup>V</sup>		NS		NS		15 <sup>V</sup>		NS		3.5		1.7/2.0		1.9		NS		3.4	
	21-Jul-15	0.87		NS		1.0 <sup>J</sup>		19		NS		3.2		NS		NS		0.98 <sup>O</sup>		2.9 <sup>O</sup>		NS	
	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		1.8	
	4-Dec-15 resample	NS		2.5		NS		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Jan-16	2.5 <sup>MV</sup>		NS		1.9 <sup>MV</sup>		19 <sup>MV</sup>		NS		7.6 <sup>MV</sup>		NS		NS		2.4 <sup>MV</sup>		7.6 <sup>MV</sup>		NS	
	20-Apr-16	NS		2.3		NS		NS		NS		8.8		NS		1.6		1.4		NS		4.3	
	20-Jul-16	1.3		NS		1.6		16		NS		4.2		NS		NS		1.7		4		NS	
	21-Oct-16	NS		4.7		NS		NS		15		NS		3.8		1.5		1.3		NS		5.9	

**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.21		NS		NS		NS		0.23		NS		NS		NS		0.69		1.93		NS	
	27-Mar-08	NS		0.304		NS		NS		NS		0.152		NS		NS		NS		0.958		0.681	
	25-Apr-08	NS		NS		1.72		NS		NS		NS		0.644		NS		0.517		NS		0.338	
	29-May-08	NS		NS		NS		0.6		NS		NS		NS		1		1.26		NS		NS	
	27-Jun-08	7.46		NS		NS		NS		1.15		NS		NS		NS		NS		0.638		0.736	
	31-Jul-08	NS		1.86		NS		NS		NS		NS		NS		NS		0.885		NS		0.685	
	28-Aug-08	NS		NS		0.838		NS		NS		NS		NS		NS		0.669		0.653		NS	
	30-Sep-08	NS		NS		NS		2.5	U	NS		NS		NS		2.5	U	NS		NS		2.5	U
	27-Oct-08	11.4		NS		NS		NS		2.5	U	NS		NS		NS		2.5	U	NS		2.9	U
	25-Nov-08	NS		2.5	U	NS		NS		NS		2.5	U	NS		NS		6.4	U	5.2		NS	
	18-Dec-08	NS		NS		2.5	U	NS		NS		NS		2.5	U	NS		NS		2.5	U	2.5	U
	21-Jan-09	NS		NS		NS		2.5	U	NS		NS		NS		2.5	U	2.5	U	NS		2.5	U
	25-Feb-09	17.5		NS		NS		NS		4		NS		NS		NS		6.2		2.9		NS	
	26-Mar-09	NS		0.491	U	NS		NS		NS		0.982	U	NS		NS		NS		1.09		1.55	
	29-Apr-09	NS		NS		0.265		NS		NS		NS		0.378		NS		0.707		NS		0.801	
	22-Jul-09	3.49		NS		20	U	0.982	U	NS		0.737		NS		NS		56.4		0.86		NS	
	9-Oct-09	NS		0.707		NS		NS		0.781		NS		0.648		20.5	U	1.36		NS		0.584	
	15-Jan-10	2.87		NS		0.354		NS		0.29		0.314		NS		NS		1.06		NS		1.17	
	21-Apr-10	NS		0.211		NS		NS		0.933		NS		1.42		1.13		0.653		NS		0.702	
	16-Jul-10	8.3		NS		8.23		8.09		NS		6.27		NS		NS		4.28		5.05		NS	
	15-Oct-10	NS		1.29		NS		NS		1.61		NS		1.1		1.38		1.86		NS		2.35	
	26-Jan-11	1.23		1.4		NS		1.6		NS		0.491	U	NS		1.35		6.93		10.4		NS	
	28-Feb-11	NS		NS		0.982	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.845		NS		NS		0.855		NS		1.24		1.06		2.06		NS		1.09	
	26-Jul-11	1.29		NS		2.67		0.61		NS		0.541		NS		NS		2.48		0.541		NS	
	28-Oct-11	NS		NS	U	NS		NS		2.5	U	NS		2.5	U	NS		3.7	U	NS		3.1	
	23-Jan-12	3		NS	U	0.76		0.49	U	NS		0.71		NS	U	NS		2.7		2.8		NS	
	13-Apr-12	NS		0.49	U	NS		NS		0.49	U	NS		0.49	U	1.1		3.9		NS		1.3	
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		2.5	U	NS	
	23-Jun-12	4.1		NS		1.3		1.2		NS		1.1		NS		NS		2.1		1.1		NS	
	1-Nov-12	NS		1.7		NS		NS		2.5		NS		3.1		3		3.2		NS		3.3	
	1-Feb-13	1.2		NS		0.23		0.21		NS		0.3		NS		NS		1		0.86		NS	
	29-Apr-13	NS		0.54		NS		NS		0.74		NS		0.66		0.83		1		NS		0.84	
	9-Jul-13	4.2		NS		1.6		1.8		NS		1.8		NS		NS		2		2.0		NS	
	18-Oct-13	NS		4.8		NS		NS		4.3		NS		5.6		6.4		5.0		NS		5.7	
	9-Jan-14	2.7		NS		2.7		3.8		NS		3.8		NS		NS		12.0		13.0		NS	
	24-Apr-14	NS		0.098	U	NS		NS		0.098	U	NS		0.13		0.098	U	0.5		0.1		2.6	
	1-Aug-14	4.1		NS		6.5/5.1		3.0/3.6		NS		NS		NS		NS		2.6		6.3/4.3		NS	
	27-Aug-14	NS		NS		NS		NS		NS		1.1		NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		1.2		NS		NS	U	NS	
	22-Oct-14	NS		0.37		NS		NS		0.28		0.6		0.59		0.50		1.0		1.2		NS	
	20-Jan-15	0.19		NS		0.098	U	0.098	U	NS		0.098	U	NS		NS		0.3		0.4		NS	
	30-Mar-15 (resample)	NS		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		NS		0.43	
	21-Jul-15	0.44		NS		1.1		5	U	NS		0.89		NS		NS		0.47 <sup>o</sup>		0.66 <sup>o</sup>		NS	
	23-Sept-15 resample	NS		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		NS		0.76	
	4-Dec-15 resample	NS		0.2	U	NS		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Jan-16	0.32		NS		0.098	U	0.17		NS		0.098	U	NS		NS		0.55		0.38		NS	
	20-Apr-16	NS		0.39		NS		NS		0.57		NS		0.79		0.49		1		NS		0.94	
	20-Jul-16	2.2		NS		2.6		2.3		NS		2.4		NS		NS		3.2		2.6		NS	
	21-Oct-16	NS		0.8		NS		NS		0.74		NS		1.1		1.2		1.6		NS		1.3	

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Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
1,3,5-Trimethylbenzene	8-Feb-08	0.1	U	NS		NS		NS		0.1	U	NS		NS		NS		0.47		0.66		NS	
	27-Mar-08	NS		0.14		NS		NS		NS		0.098	U	NS		NS		NS		0.349		0.275	
	25-Apr-08	NS		NS		1.6		NS		NS		NS		0.228		NS		0.192		NS		0.134	
	29-May-08	NS		NS		NS		0.18		NS		NS		NS		0.32		NS		0.43		NS	
	27-Jun-08	5.16		NS		NS		NS		0.463		NS		NS		NS		NS		NS		0.236	0.25
	31-Jul-08	NS		0.713		NS		NS		NS		NS		NS		NS		0.276		NS		NS	0.224
	28-Aug-08	NS		NS		0.497		NS		NS		NS		0.215		NS		0.248		0.233		NS	
	30-Sep-08	NS		NS		NS		2.5	U	NS		NS		NS		2.5	U	NS		2.5		2.5	2.5
	27-Oct-08	7.8		NS		NS		NS		2.5	U	NS		NS		NS		2.5	U	NS		2.5	U
	25-Nov-08	NS		2.5	U	NS		NS		NS		2.5	U	NS		NS		2.5	U	2.5		NS	U
	18-Dec-08	NS		NS		2.5	U	NS		NS		NS		2.5	U	NS		NS		NS	U	NS	U
	21-Jan-09	NS		NS		NS		2.5	U	NS		NS		NS		2.5	U	NS		NS		2.5	U
	25-Feb-09	9.1		NS		NS		NS		NS		2.5	U	NS		NS		NS		2.5	U	NS	U
	26-Mar-09	NS		0.491	U	NS		NS		NS		0.982	U	NS		NS		NS		0.337		NS	0.425
	29-Apr-09	NS		NS		0.147		NS		NS		NS		0.128		NS		0.211		NS		NS	0.241
	22-Jul-09	3		NS		20	U	0.982	U	NS		0.491	U	NS		NS		22.7		0.275		NS	
	9-Oct-09	NS		0.216		NS		NS		0.241		NS		0.187		20.5	U	0.388		NS		NS	0.226
	15-Jan-10	2.15		NS		0.118		0.098	U	NS		0.108		NS		NS		0.29		0.334		NS	
	21-Apr-10	NS		0.098	U	NS		NS		0.491	U	NS		0.491	U	0.491	U	0.177		NS		NS	0.206
	16-Jul-10	2.76		NS		1.88		1.81		NS		1.67		NS		NS		1.08		1.25		NS	
	15-Oct-10	NS		0.418		NS		NS		0.383		NS		0.275		0.324		0.545		NS		NS	0.54
	26-Jan-11	0.982	U	0.437		NS		0.472		NS		0.491	U	NS		0.491	U	1.99		2.87		NS	
	28-Feb-11	NS		NS		0.982	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.255		NS		NS		0.27		NS		0.368		0.329		0.599		NS		NS	0.354
	26-Jul-11	0.688		NS		0.885		0.182		NS		0.492	U	NS		NS		0.664		0.492	U	NS	
	28-Oct-11	NS		NS	U	NS		NS		2.5	U	NS		2.5	U	2.5	U	2.5	U	NS		NS	2.5
	23-Jan-12	0.99		NS		0.49	U	0.49	U	NS		0.49	U	NS		NS		0.71		0.83		NS	U
	13-Apr-12	NS		0.49	U	NS		NS		0.49	U	NS		0.49	U	0.49	U	1.1		NS		NS	0.49
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		2.5	U	NS	
	23-Jun-12	1.6		NS		0.49	U	0.49	U	NS		0.49	U	NS		NS		0.49		0.49	U	NS	
	1-Nov-12	NS		0.25		NS		NS		0.39		NS		0.53		0.5		0.56		NS		NS	0.63
	1-Feb-13	0.42		NS		0.098	U	0.098	U	NS		0.098	U	NS		NS		0.3		NS		NS	
	29-Apr-13	NS		0.25	U	NS		NS		0.22		NS		0.18		0.22		0.3		NS		NS	0.27
	9-Jul-13	1.5		NS		0.39		0.37		NS		0.38		NS		NS		0.43		NS		NS	0.44
	18-Oct-13	NS		0.53		NS		NS		0.52		NS		0.75		0.99		0.44		NS		NS	0.53
	9-Jan-14	0.77		NS		0.69		0.96		NS		0.98		NS		NS		2.9		3.1		NS	
	24-Apr-14	NS		0.098	U	NS		NS		0.098	U	NS		0.098	U	0.098	U	0.14		0.098	U	NS	0.50
	1-Aug-14	0.90		NS		1.00		0.60		NS		NS		NS		NS		0.46		0.86		NS	
	27-Aug-14	NS		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		NS	U	NS	
22-Oct-14	NS		0.15	U	NS		NS		0.15	U	0.15	U	0.15	U	0.15	U	0.15	U	0.20	U	NS		
20-Jan-15	0.098	U	NS		0.098	U	0.098	U	NS		0.098	U	NS		NS		0.15	U	0.11	U	NS		
30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	U	NS		
22-Apr-15	NS		0.10	U	NS		NS		0.098	U	NS		0.098	U	0.14	U	0.098	U	NS		NS	0.12	
21-Jul-15	0.2	U	NS		1	U	5	U	NS		0.3	U	NS		NS		0.20 <sup>U</sup>	U	0.14 <sup>J,U</sup>		NS		
23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.48		NS		NS		NS		
29-Oct-15	NS		0.3	U	NS		NS		0.16 <sup>J</sup>		NS		0.4	U	0.13 <sup>J</sup>		0.15 <sup>J</sup>		NS		NS	0.17 <sup>J</sup>	
4-Dec-15 resample	NS		0.2	U	NS		NS		NS		NS		NS		NS		NS		NS		NS		
27-Jan-16	0.1		NS		0.098	U	0.098	U	NS		0.098	U	NS		NS		0.13		0.098	U	NS		
20-Apr-16	NS		0.098	U	NS		NS		0.098	U	NS		0.18		0.098		0.26		NS		NS	0.18	
20-Jul-16	0.78		NS		1.2		0.88		NS		0.96		NS		NS		1.3		NS		NS		
21-Oct-16	NS		0.17		NS		NS		0.18		NS		0.19		0.28		0.53		NS		NS	0.34	

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Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.05	U	NS		NS		NS		0.05	U	NS		NS		NS		0.05	U	0.05	U	NS	
	27-Mar-08	NS		0.051	U	NS		NS		NS		0.051	U	NS		NS		NS		0.051	U	0.051	U
	25-Apr-08	NS		NS		0.051	U	NS		NS		NS		0.75		NS		0.051	U	NS		0.051	U
	29-May-08	NS		NS		NS		0.05	U	NS		NS		NS		0.05	U	0.05	U	NS		NS	
	27-Jun-08	0.08	U	NS		NS		NS		0.051	U	NS		NS		NS		NS		0.051	U	0.051	U
	31-Jul-08	NS		0.051	U	NS		NS		NS		NS		NS		NS		0.051	U	NS		0.051	U
	28-Aug-08	NS		NS		0.051	U	NS		NS		NS		0.051	U	NS		0.051	U	NS		NS	
	30-Sep-08	NS		NS		NS		0.1	U	NS		NS		NS		0.1	U	NS		0.1		0.1	U
	27-Oct-08	0.1	U	NS		NS		NS		0.1	U	NS		NS		NS		0.1	U	NS		0.1	U
	25-Nov-08	NS		0.1	U	NS		NS		NS		0.1	U	NS		NS		0.1	U	0.1		NS	
	18-Dec-08	NS		NS		0.1	U	NS		NS		NS		0.1	U	NS		NS		0.1		0.1	U
	21-Jan-09	NS		NS		NS		0.1	U	NS		NS		NS		0.1	U	0.1	U	NS		0.1	U
	25-Feb-09	0.1	U	NS		NS		NS		0.1	U	NS		NS		NS		0.1	U	0.1		NS	
	26-Mar-09	NS		0.255	U	NS		NS		NS		0.511	U	NS		NS		NS		0.051	U	0.051	U
	29-Apr-09	NS		NS		0.061		NS		NS		NS		0.051	U	NS		0.051	U	NS		0.051	U
	22-Jul-09	0.255	U	NS		0.255	U	0.511	U	NS		0.255	U	NS		NS		0.051	U	0.051	U	NS	
	9-Oct-09	NS		1.72		NS		NS		0.051	U	NS		0.102		10.7	U	0.051	U	NS		0.051	U
	15-Jan-10	0.051	U	NS		0.061		0.051	U	NS		0.051	U	NS		NS		0.051	U	NS		NS	
	21-Apr-10	NS		0.051	U	NS		NS		0.255	U	NS		0.256	U	0.255	U	0.051	U	NS		0.051	U
	16-Jul-10	0.051	U	NS		1.98		0.051	U	NS		0.386	U	NS		NS		0.051	U	0.051	U	NS	
	15-Oct-10	NS		0.051	U	NS		NS		0.051	U	NS		0.051	U	0.051	U	0.051	U	NS		0.051	U
	26-Jan-11	0.511	U	0.051	U	NS		0.051	U	NS		0.255	U	NS		0.255	U	0.255	U	0.255	U	NS	
	28-Feb-11	NS		NS		0.511	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.051	U	NS		NS		0.051	U	NS		0.051	U	0.051	U	0.051	U	NS		0.051	U
	26-Jul-11	0.17	U	NS		0.17	U	0.051	U	NS		0.256	U	NS		NS		0.051	U	0.256		NS	
	28-Oct-11	NS		1.3	U	NS		NS		1.3	U	NS		1.3	U	1.3	U	1.3	U	NS		1.3	U
	23-Jan-12	0.26	U	NS		0.26	U	0.26	U	NS		0.26	U	NS		NS		0.26	U	0.26	U	NS	
	13-Apr-12	NS		0.13	U	NS		NS		0.13	U	NS		0.13	U	0.13	U	0.13	U	NS		0.13	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.64	U	NS	
	23-Jun-12	0.26	U	NS		0.26	U	0.26	U	NS		0.26	U	NS		NS		0.26	U	0.26	U	NS	
	1-Nov-12	NS		0.026	U	NS		NS		0.026	U	NS		0.026	U	0.026	U	0.026	U	NS		0.026	U
	1-Feb-13	0.065		NS		0.026	U	0.026	U	NS		0.026	U	NS		NS		0.026	U	0.026	U	NS	
	29-Apr-13	NS		0.41		NS		NS		0.045		NS		0.026	U	0.026	U	0.026	U	NS		0.026	U
	9-Jul-13	0.038	U	NS		0.026	U	0.085		NS		0.026	U	NS		NS		0.026	U	0.026	U	NS	
	18-Oct-13	NS		0.051	U	NS		NS		0.074		NS		0.051	U	0.063		0.051	U	NS		0.051	U
	9-Jan-14	0.092		NS		0.051	U	0.051	U	NS		0.051	U	NS		NS		0.051	U	0.051	U	NS	
	24-Apr-14	NS		0.026	U	NS		NS		0.026	U	NS		0.026	U	0.10		0.026	U	0.026	U	0.077	U
	1-Aug-14	0.21		NS		0.38	U	0.077	U	NS		NS		NS		NS		0.051	U	0.051	U	NS	
	27-Aug-14	NS		NS		NS		NS		NS		0.026	U	NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.038	U	NS		NS	U	NS	
	22-Oct-14	NS		0.038	U	NS		NS		0.038	U	0.038	U	0.24		0.038	U	0.038	U	0.051	U	NS	
	20-Jan-15	0.093 <sup>v</sup>		NS		0.14 <sup>v</sup>		0.026	U	NS		0.072 <sup>v</sup>		NS		NS		0.038 <sup>v</sup>	U	0.026	U	NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.029	U	NS	
	22-Apr-15	NS		0.069 <sup>v</sup>		NS		NS		0.060 <sup>v</sup>		NS		0.026	U	0.037	U	0.026	U	NS		0.029	U
	21-Jul-15	0.090 <sup>j</sup>		NS		0.5	U	3	U	NS		0.097 <sup>j</sup>		NS		NS		0.096 <sup>j,o</sup>	U	0.100 <sup>o</sup>	U	NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.1	U	NS		NS		NS	
	29-Oct-15	NS		0.13 <sup>j</sup>		NS		NS		0.1	U	NS		0.2	U	0.1	U	0.1	U	NS		0.1	U
	4-Dec-15 resample	NS		0.14		NS		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Jan-16	0.026	U	NS		0.2		0.026	U	NS		0.064		NS		NS		0.026	U	0.026	U	NS	
	20-Apr-16	NS		0.23		NS		NS		0.072		NS		0.026	U	0.026	U	0.026	U	NS		0.026	U
	20-Jul-16	0.13	U, L	NS		0.29	L	0.13	U,L	NS		0.54	L	NS		NS		0.13	U,L	0.13	U,L	NS	
	21-Oct-16	NS		0.34		NS		NS		0.026	U	NS		0.026	U	0.026	U	0.026	U	NS		0.035	

**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	8-Feb-08	0.55		NS		NS		NS		0.63		NS		NS		NS		1.04		18.3		NS	
	27-Mar-08	NS		0.893		NS		NS		NS		0.389		NS		NS		NS		2.17		1.33	
	25-Apr-08	NS		NS		0.815		NS		NS		NS		0.97		NS		2.54		NS		1.81	
	29-May-08	NS		NS		NS		5		NS		NS		NS		7.58		10.1		3.34		NS	
	27-Jun-08	12.6		NS		NS		NS		1.5		NS		NS		NS		NS		1.91		2.33	
	31-Jul-08	NS		2.4		NS		NS		NS		NS		NS		NS		2.08		NS		1.55	
	28-Aug-08	NS		NS		2.33		NS		NS		NS		1.44		NS		2.13		1.94		NS	
	30-Sep-08	NS		NS		NS		4.3	U	NS		NS		NS		4.3	U	NS		4.3	U	4.3	U
	27-Oct-08	41.6		NS		NS		NS		4.3	U	NS		NS		NS		4.3	U	NS		4.3	U
	25-Nov-08	NS		4.7		NS		NS		NS		4.3	U	NS		NS		8.5	U	8.9		NS	U
	18-Dec-08	NS		NS		4.3	U	NS		NS		NS		4.3	U	NS		NS		4.3	U	4.3	U
	21-Jan-09	NS		NS		NS		4.3	U	NS		NS		NS		NS		4.3	U	NS		4.3	U
	25-Feb-09	37.6		NS		NS		NS		4.3	U	NS		NS		NS		8	U	9.3		NS	U
	26-Mar-09	NS		1.35		NS		NS		NS		1.74	U	NS		NS		NS		2.59		3.56	
	29-Apr-09	NS		NS		0.468		NS		NS		NS		0.516		NS		0.933		NS		1.06	
	22-Jul-09	25.6		NS		25.6		1.74	U	NS		3.88		NS		NS		165		3.52		NS	
	9-Oct-09	NS		1.62		NS		NS		1.63		NS		0.915		36.2	U	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		NS		3.28		NS		4.58		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		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		NS		4.3	U	NS		4.3	U	4.3	U	9.8		NS		4.3	U
	23-Jan-12	7.9		NS	U	2		1.3		NS		2		NS		NS		4.4		14		NS	
	13-Apr-12	NS		0.87	U	NS		NS		0.87	U	NS		0.87	U	0.87		3.6		NS		1.1	
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		4.3	U	NS	
	23-Jun-12	12		NS		1.1		0.87	U	NS		0.94		NS		NS		1.7		1.1		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		NS		0.17	U	NS		0.17	U	0.17	U	0.28		0.17	U	2.6	
	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	NS	
	22-Oct-14	NS		0.26	U	NS		NS		0.26	U	0.30		0.5		0.26	U	0.76		0.92		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		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 <sup>j</sup>		9	U	NS		1.9		NS		NS		1.8 <sup>o</sup>		2.3 <sup>o</sup>		NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		0.71		NS		NS		NS	
	29-Oct-15	NS		0.29 <sup>j</sup>		NS		NS		0.47 <sup>j</sup>		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	

**Summary of Subslab Air Sampling Data**  
**Alvarez School**  
**Volatile Organic Compounds**  
**February 2008 - October 2016**

Volatile Organic Compounds via TO-15	Sample Date	MP-1	Qual	MP-2	Qual	MP-3	Qual	MP-4	Qual	MP-5	Qual	MP-6	Qual	MP-7	Qual	MP-8	Qual	IMP-1	Qual	IMP-2	Qual	IMP-3	Qual
	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		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		NS		2.84		NS	
	27-Jun-08	4.12		NS		NS		NS		0.55		NS		NS		NS		NS		NS		0.672	
	31-Jul-08	NS		0.835		NS		NS		NS		NS		NS		NS		0.748		NS		NS	
	28-Aug-08	NS		NS		0.804		NS		NS		NS		0.511		NS		0.797		NS		NS	
	30-Sep-08	NS		NS		NS		2.2	U	NS		NS		NS		2.2	U	NS		2.2	U	2.2	U
	27-Oct-08	9.8		NS		NS		2.2		2.2	U	NS		NS		NS		2.2	U	NS		4	U
	25-Nov-08	NS		2.2	U	NS		NS		NS		2.2	U	NS		NS		3.1	N	2.2	U	NS	U
	18-Dec-08	NS		NS		2.2	U	NS		NS		NS		2.2	U	NS		NS		2.2	U	2.2	U
	21-Jan-09	NS		NS		NS		2.2	U	NS		NS		NS		2.2	U	NS	U	NS		2.2	U
	25-Feb-09	8.9		NS		NS		NS		2.2	U	NS		NS		NS		2.2		3.2		NS	U
	26-Mar-09	NS		0.486		NS		NS		NS		0.868	U	NS		NS		NS		0.922		1.28	
	29-Apr-09	NS		NS		0.174		NS		NS		NS		0.208		NS		0.369		NS		0.499	
	22-Jul-09	5.34		NS		5.34		0.868	U	NS		1.39		NS		NS		72.7		1.27		NS	
	9-Oct-09	NS		0.542		NS		NS		0.586		NS		0.343		18.1	U	0.629		NS		0.616	
	15-Jan-10	4.51		NS		0.49		0.49		NS		0.56		NS		NS		0.833		NS		NS	
	21-Apr-10	NS		0.256		NS		NS		1.17		NS		1.56		1.41		1.24		NS		1.14	
	16-Jul-10	5.07		NS		2.84		2.63		NS		2.1		NS		NS		1.88		2.05		NS	
	15-Oct-10	NS		0.672		NS		NS		0.837		NS		0.659		0.729		1.22		NS		1.14	
	26-Jan-11	1.08		1.5		NS		1.54		NS		1.11		NS		1.15		4.32		5.16		NS	
	28-Feb-11	NS		NS		0.868	U	NS		NS		NS		NS		NS		NS		NS		NS	
	27-Apr-11	NS		0.286		NS		NS		0.286		NS		0.369		0.456		0.451		NS		0.551	
	26-Jul-11	1.87		NS		1.45		0.334		NS		0.434	U	NS		NS		0.365		0.434		NS	
	28-Oct-11	NS		2.2	U	NS		NS		2.2	U	NS		2.2	U	2.2	U	3.3		NS		2.2	U
	23-Jan-12	2.3		NS	U	0.76		0.54		NS	U	0.79		NS	U	NS	U	1.7		4.6		NS	U
	13-Apr-12	NS		0.43	U	NS		NS		0.43	U	NS		0.43	U	0.43	U	1.4		NS		0.43	U
	2-Jul-12 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		2.2	U	NS	
	23-Jun-12	3		NS		0.43	U	0.43	U	NS		0.43	U	NS		NS		0.59		0.44		NS	
	1-Nov-12	NS		0.72		NS		NS		0.85		NS		1.1		1.1		1.3		NS		1.8	
	1-Feb-13	1		NS		0.19		0.17		NS		0.24		NS		NS		0.64		0.52		NS	
	29-Apr-13	NS		0.43		NS		NS		0.46		NS		0.41		0.52		0.065		NS		0.86	
	9-Jul-13	3.2		NS		0.86		0.90		NS		0.84		NS		NS		1.3		0.28		NS	
	18-Oct-13	NS		1.7		NS		NS		1.9		NS		2.1		2.9		1.4		NS		1.7	
	9-Jan-14	3.4		NS		3.0		4.00		NS		4.1		NS		NS		9.8		9.6		NS	
	24-Apr-14	NS		0.087	U	NS		NS		0.087	U	NS		0.087	U	0.087	U	0.11		0.087	U	1.2	
	1-Aug-14	1.9		NS		1.6/1.8		1.10		NS		NS		NS		NS		0.79		1.2/1.6		NS	
	27-Aug-14	NS		NS		NS		NS		NS		1.3		NS		NS		NS		NS		NS	
	12-Sept-14 (resample)	NS		NS		NS		NS		NS		NS		NS		0.52		NS		NS	U	NS	
	22-Oct-14	NS		0.13	U	NS		NS		0.13	U	0.13	U	0.2	U	0.13	U	0.28		0.35		NS	
	20-Jan-15	0.29		NS		0.087	U	0.10		NS		0.087	U	NS		NS		0.23		0.34		NS	
	30-Mar-15 (resample)	NS		NS		NS		NS		NS		NS		NS		NS		NS		0.36		NS	
	22-Apr-15	NS		0.26		NS		NS		0.13		NS		0.25		0.22/0.25		0.38		NS		0.54	
	21-Jul-15	0.48		NS		0.59 <sup>J</sup>		4	U	NS		0.53		NS		NS		0.54 <sup>O</sup>		0.73 <sup>O</sup>		NS	
	23-Sept-15 resample	NS		NS		NS		NS		NS		NS		NS		1.3		NS		NS		NS	
	29-Oct-15	NS		0.16 <sup>J</sup>		NS		NS		0.21 <sup>J</sup>		NS		0.34 <sup>J</sup>		0.28		0.32		NS		0.44	
	4-Dec-15 resample	NS		0.4	U	NS		NS		NS		NS		NS		NS		NS		NS		NS	
	27-Jan-16	0.51		NS		0.13		0.17		NS		0.17		NS		NS		0.63		0.84		NS	
	20-Apr-16	NS		0.36		NS		NS		0.52		NS		0.77		0.49		0.92		NS		0.78	
	20-Jul-16	3.4	W	NS		0.84	W	0.43	U,W	NS		0.60	W	NS		NS		2.7	W	1.3	V	NS	
	21-Oct-16	NS		0.18		NS		NS		0.38		NS		0.27		0.72		1.3		NS		0.62	

Notes:

- All data presented in micrograms per cubic meter (ug/m3).
- Two values displayed with a slash indicates dilutions resulting in two different concentrations. Where two reporting limits were given for multiple dilutions, the lower RL was documented in this table.
- U: designation indicates that the compound was not detected by the laboratory. Reporting limit shown in the data column.
- NS: not sampled.
- \* = Site Specific Compound of Concern per ATSDR Health Consultation, December 4, 2006.
- <sup>M</sup>: Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the high side.
- <sup>L</sup>: Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
- <sup>V</sup>: Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
- <sup>W</sup>: Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the high side.
- <sup>E</sup>: Reported result is estimated due to value over calibration range
- <sup>J</sup>: Estimated result as the result was between the MDL and the RDL.
- <sup>O</sup>: One or more method internal standards were recovered outside of the control limits. Sample re-analysis not possible due to sample volume and detection limit constraints.

## APPENDIX D

### Rooftop Emission Analytical Summary

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**Alvarez School - Sub Slab Depressurization System Emissions Calculations**  
**Sample Date: 20 July 2016**

Volatile Organic Compounds	ROOFTOP FAN 1					ROOFTOP FAN 2				ROOFTOP FAN 3				CUMULATIVE EMISSIONS (3 fans combined)				
	Measured Flow Speed (fpm): 2225		Measured Flow Rate (cfm): 109.2			Measured Flow Speed (fpm): 2075		Measured Flow Rate (cfm): 101.9		Measured Flow Speed (fpm): 2420		Measured Flow Rate (cfm): 118.8		Hourly Emission (lbs/hour)	Daily Emission (lbs/day)	Yearly Emission (lbs/year)		
	Concentration (ug/m <sup>3</sup> )	Hourly Emission (lbs/hour)	Daily Emission (lbs/day)	Yearly Emission (lbs/year)	Concentration (ug/m <sup>3</sup> )	Hourly Emission (lbs/hour)	Daily Emission (lbs/day)	Yearly Emission (lbs/year)	Concentration (ug/m <sup>3</sup> )	Hourly Emission (lbs/hour)	Daily Emission (lbs/day)	Yearly Emission (lbs/year)						
Acetone	50	B	2.04E-05	4.90E-04	1.79E-01	57		2.17E-05	5.21E-04	1.90E-01	41		1.82E-05	4.37E-04	1.59E-01	6.03E-05	1.45E-03	5.28E-01
Acrylonitrile	0.38	U	1.55E-07	3.72E-06	1.36E-03	1.3	U	4.95E-07	1.19E-05	4.34E-03	1.3	U	5.77E-07	1.39E-05	5.06E-03	1.23E-06	2.95E-05	1.08E-02
Benzene	0.29		1.18E-07	2.84E-06	1.04E-03	0.53		2.02E-07	4.84E-06	1.77E-03	0.32	U	1.42E-07	3.41E-06	1.24E-03	4.62E-07	1.11E-05	4.05E-03
Bromodichloromethane	0.6		2.45E-07	5.88E-06	2.15E-03	0.34	U	1.29E-07	3.11E-06	1.13E-03	0.34	U	1.51E-07	3.62E-06	1.32E-03	5.25E-07	1.26E-05	4.60E-03
Bromoform	0.31	U	1.27E-07	3.04E-06	1.11E-03	1.0	U	3.81E-07	9.14E-06	3.34E-03	1.0	U	4.44E-07	1.07E-05	3.89E-03	9.51E-07	2.28E-05	8.33E-03
2-Butanone	6.9		2.82E-06	6.76E-05	2.47E-02	12	U	4.57E-06	1.10E-04	4.00E-02	12	U	5.33E-06	1.28E-04	4.67E-02	1.27E-05	3.05E-04	1.11E-01
Carbon Tetrachloride	0.4		1.63E-07	3.92E-06	1.43E-03	0.42		1.60E-07	3.84E-06	1.40E-03	0.45		2.00E-07	4.80E-06	1.75E-03	5.23E-07	1.26E-05	4.58E-03
Chlorobenzene	0.14	U	5.72E-08	1.37E-06	5.01E-04	0.46	U	1.75E-07	4.20E-06	1.53E-03	0.46	U	2.04E-07	4.90E-06	1.79E-03	4.37E-07	1.05E-05	3.82E-03
Chloroethane	0.08	U, L	3.27E-08	7.84E-07	2.86E-04	0.26	U, L	9.90E-08	2.38E-06	8.67E-04	0.26	U, L	1.15E-07	2.77E-06	1.01E-03	2.47E-07	5.93E-06	2.16E-03
Chloroform	0.31		1.27E-07	3.04E-06	1.11E-03	0.53		2.02E-07	4.84E-06	1.77E-03	1.1		4.88E-07	1.17E-05	4.28E-03	8.17E-07	1.17E-05	7.16E-03
Chloromethane	0.12	U	4.90E-08	1.18E-06	4.29E-04	6.3		2.40E-06	5.76E-05	2.10E-02	0.41	U	1.82E-07	4.37E-06	1.59E-03	2.63E-06	6.31E-05	2.30E-02
Dibromochloromethane	0.13	U	5.31E-08	1.27E-06	4.65E-04	0.43	U	1.64E-07	3.93E-06	1.43E-03	0.43	U	1.91E-07	4.58E-06	1.67E-03	4.08E-07	9.79E-06	3.57E-03
1,2-Dibromoethane	0.12	U	4.90E-08	1.18E-06	4.29E-04	0.38	U	1.45E-07	3.47E-06	1.27E-03	0.38	U	1.69E-07	4.05E-06	1.48E-03	3.62E-07	8.70E-06	3.17E-03
1,2-Dichlorobenzene	0.18	U	7.35E-08	1.76E-06	6.44E-04	0.60	U	2.28E-07	5.48E-06	2.00E-03	0.60	U	2.66E-07	6.39E-06	2.33E-03	5.68E-07	1.36E-05	4.98E-03
1,3-Dichlorobenzene	0.18	U	7.35E-08	1.76E-06	6.44E-04	0.60	U	2.28E-07	5.48E-06	2.00E-03	0.60	U	2.66E-07	6.39E-06	2.33E-03	5.68E-07	1.36E-05	4.98E-03
1,4-Dichlorobenzene	0.18	U	7.35E-08	1.76E-06	6.44E-04	0.60	U	2.28E-07	5.48E-06	2.00E-03	0.60	U	2.66E-07	6.39E-06	2.33E-03	5.68E-07	1.36E-05	4.98E-03
Dichlorodifluoromethane	1.3		5.31E-07	1.27E-05	4.65E-03	1.4		5.33E-07	1.28E-05	4.67E-03	1.4		6.22E-07	1.49E-05	5.45E-03	1.69E-06	4.05E-05	1.48E-02
1,1-Dichloroethane	0.061	U	2.49E-08	5.98E-07	2.18E-04	0.20	U	7.62E-08	1.83E-06	6.67E-04	0.20	U	8.88E-08	2.13E-06	7.78E-04	1.90E-07	4.56E-06	1.66E-03
1,2-Dichloroethane	0.061	U	2.49E-08	5.98E-07	2.18E-04	0.20	U	7.62E-08	1.83E-06	6.67E-04	0.20	U	8.88E-08	2.13E-06	7.78E-04	1.90E-07	4.56E-06	1.66E-03
1,1-Dichloroethene	0.06	U	2.45E-08	5.88E-07	2.15E-04	0.20	U	7.62E-08	1.83E-06	6.67E-04	0.20	U	8.88E-08	2.13E-06	7.78E-04	1.89E-07	4.55E-06	1.66E-03
cis-1,2-Dichloroethene	0.06		2.45E-08	5.88E-07	2.15E-04	0.20	U	7.62E-08	1.83E-06	6.67E-04	0.58		2.58E-07	6.18E-06	2.26E-03	3.58E-07	8.60E-06	3.14E-03
trans-1,2-Dichloroethene	0.06	U	2.45E-08	5.88E-07	2.15E-04	0.20	U	7.62E-08	1.83E-06	6.67E-04	0.20	U	8.88E-08	2.13E-06	7.78E-04	1.89E-07	4.55E-06	1.66E-03
1,2-Dichloropropane	0.07	U	2.86E-08	6.86E-07	2.50E-04	0.23	U	8.76E-08	2.10E-06	7.67E-04	0.23	U	1.02E-07	2.45E-06	8.95E-04	2.18E-07	5.24E-06	1.91E-03
cis-1,3-Dichloropropene	0.068	U	2.78E-08	6.66E-07	2.43E-04	0.23	U	8.76E-08	2.10E-06	7.67E-04	0.23	U	1.02E-07	2.45E-06	8.95E-04	2.17E-07	5.22E-06	1.91E-03
trans-1,3-Dichloropropene	0.068	U	2.78E-08	6.66E-07	2.43E-04	0.23	U	8.76E-08	2.10E-06	7.67E-04	0.23	U	1.02E-07	2.45E-06	8.95E-04	2.17E-07	5.22E-06	1.91E-03
Ethylbenzene	0.35		1.43E-07	3.43E-06	1.25E-03	0.43	U	1.64E-07	3.93E-06	1.43E-03	7.1		3.15E-06	7.57E-05	2.76E-02	3.46E-06	8.30E-05	3.03E-02
Isopropylbenzene	0.38	U	1.55E-07	3.72E-06	1.36E-03	1.2	U	4.57E-07	1.10E-05	4.00E-03	1.2	U	5.33E-07	1.28E-05	4.67E-03	1.14E-06	2.75E-05	1.00E-02
p-Isopropyltoluene	0.38	U	1.55E-07	3.72E-06	1.36E-03	1.3	U	4.95E-07	1.19E-05	4.34E-03	1.3	U	5.77E-07	1.39E-05	5.06E-03	1.23E-06	2.95E-05	1.08E-02
Methyl tert butyl ether	0.11	U	4.49E-08	1.08E-06	3.93E-04	0.36	U	1.37E-07	3.29E-06	1.20E-03	0.36	U	1.60E-07	3.84E-06	1.40E-03	3.42E-07	8.20E-06	2.99E-03
Methylene chloride	1	U	4.08E-07	9.80E-06	3.58E-03	3.5	U	1.33E-06	3.20E-05	1.17E-02	3.5	U	1.55E-06	3.73E-05	1.36E-02	3.30E-06	7.91E-05	2.89E-02
4-Methyl-2-pentanone	0.54		2.20E-07	5.29E-06	1.93E-03	0.53		2.02E-07	4.84E-06	1.77E-03	0.41	U	1.82E-07	4.37E-06	1.59E-03	6.04E-07	1.45E-05	5.29E-03
Styrene	1.3		5.31E-07	1.27E-05	4.65E-03	0.43	U, L	1.64E-07	3.93E-06	1.43E-03	0.81	L	3.60E-07	8.63E-06	3.15E-03	1.05E-06	2.53E-05	9.23E-03
1,1,2,2-Tetrachloroethane	0.1	U	4.08E-08	9.80E-07	3.58E-04	0.34	U	1.29E-07	3.11E-06	1.13E-03	0.34	U	1.51E-07	3.62E-06	1.32E-03	3.21E-07	7.71E-06	2.81E-03
Tetrachloroethene	26		1.06E-05	2.55E-04	9.30E-02	11		4.19E-06	1.01E-04	3.67E-02	81		3.60E-05	8.63E-04	3.15E-01	5.08E-05	1.22E-03	4.45E-01
Toluene	1.3		5.31E-07	1.27E-05	4.65E-03	1.1	H	4.19E-07	1.01E-05	3.67E-03	0.84	H	3.73E-07	8.95E-06	3.27E-03	1.32E-06	3.17E-05	1.16E-02
1,1,1-Trichloroethane	1.2		4.90E-07	1.18E-05	4.29E-03	0.59		2.25E-07	5.39E-06	1.97E-03	0.55		2.44E-07	5.86E-06	2.14E-03	9.59E-07	2.30E-05	8.40E-03
1,1,2-Trichloroethane	0.082	U	3.35E-08	8.04E-07	2.93E-04	0.27	U	1.03E-07	2.47E-06	9.01E-04	0.27	U	1.20E-07	2.88E-06	1.05E-03	2.56E-07	6.15E-06	2.24E-03
Trichloroethylene	67		2.74E-05	6.57E-04	2.40E-01	63		2.40E-05	5.76E-04	2.10E-01	44		1.95E-05	4.69E-04	1.71E-01	7.09E-05	1.70E-03	6.21E-01
Trichlorofluoromethane	22		8.98E-06	2.16E-04	7.87E-02	44		1.68E-05	4.02E-04	1.47E-01	5.4		2.40E-06	5.76E-05	2.10E-02	2.81E-05	6.75E-04	2.46E-01
1,2,4-Trimethylbenzene	0.87		3.55E-07	8.53E-06	3.11E-03	0.49	U	1.87E-07	4.48E-06	1.63E-03	2.5		1.11E-06	2.66E-05	9.73E-03	1.65E-06	3.96E-05	1.45E-02
1,3,5-Trimethylbenzene	0.3		1.22E-07	2.94E-06	1.07E-03	0.49	U	1.87E-07	4.48E-06	1.63E-03	0.97	U	4.31E-07	1.03E-05	3.77E-03	7.40E-07	1.78E-05	6.48E-03
Vinyl chloride	0.039	U, L	1.59E-08	3.82E-07	1.39E-04	0.13	U, L	4.95E-08	1.19E-06	4.34E-04	0.13	U, L	5.77E-08	1.39E-06	5.06E-04	1.23E-07	2.96E-06	1.08E-03
p/m-Xylene	0.98		4.00E-07	9.60E-06	3.51E-03	0.87	U	3.31E-07	7.95E-06	2.90E-03	22		9.77E-06	2.34E-04	8.56E-02	1.05E-05	2.52E-04	9.20E-02
o-Xylene	0.39	H	1.59E-07	3.82E-06	1.39E-03	0.43	U	1.64E-07	3.93E-06	1.43E-03	6.8	H	3.02E-06	7.25E-05	2.65E-02	3.34E-06	8.02E-05	2.93E-02
<b>Total VOCs</b>	<b>1.86E+02</b>		<b>7.61E-05</b>	<b>1.83E-03</b>	<b>6.67E-01</b>	<b>2.16E+02</b>		<b>8.24E-05</b>	<b>1.98E-03</b>	<b>7.21E-01</b>	<b>2.44E+02</b>		<b>1.08E-04</b>	<b>2.60E-03</b>	<b>9.92E-01</b>	<b>2.67E-04</b>	<b>6.41E-03</b>	<b>1.61E+00</b>
<b>RIDEM Air Pollution Control Permit Applicability Thresholds (lbs) *</b>			<b>10</b>	<b>100</b>	<b>(Individual VOCs) 50,000 (Total)</b>	<b>Not Applicable</b>		<b>10</b>	<b>100</b>	<b>20,000 (Individual VOCs) 50,000 (Total VOCs)</b>	<b>Not Applicable</b>		<b>10</b>	<b>100</b>	<b>20,000 (Individual VOCs) 50,000 (Total VOCs)</b>	<b>10</b>	<b>100</b>	<b>20,000 (Individual VOCs) 50,000 (Total VOCs)</b>

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.

Hourly Emissions (lbs/hour) = VOC concentration (ug/m<sup>3</sup>) x measured flow rate (cfm) x 0.02832 m<sup>3</sup>/ft<sup>3</sup> x 60 min/hour x 0.001 mg/ug x 0.001 g/mg x 0.0022 lb/g.

Daily Emissions (lbs/day) = Hourly Emissions x 24 hours/day.

Yearly Emissions (lbs/year) = Daily Emissions x 365 days/year.

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

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

# APPENDIX E

## Laboratory Analytical Reports

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November 9, 2016

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

Project Location: Alvarez - Providence, RI  
Client Job Number:  
Project Number: 15066.04  
Laboratory Work Order Number: 16J1137

Enclosed are results of analyses for samples received by the laboratory on October 24, 2016. 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", with a horizontal line extending to the right from the end of the signature.

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: 11/9/2016

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 15066.04

**ANALYTICAL SUMMARY**

WORK ORDER NUMBER: 16J1137

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

PROJECT LOCATION: Alvarez - Providence, RI

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Gymnasium	16J1137-01	Indoor air		EPA TO-15	
Cafeteria	16J1137-02	Indoor air		EPA TO-15	
Kitchen Storage Room	16J1137-03	Indoor air		EPA TO-15	
Elevator Hallway	16J1137-04	Indoor air		EPA TO-15	
Room 145	16J1137-05	Indoor air		EPA TO-15	
Room 152	16J1137-06	Indoor air		EPA TO-15	
Room 118	16J1137-07	Indoor air		EPA TO-15	
Room 110	16J1137-08	Indoor air		EPA TO-15	
Ambient Outdoor	16J1137-09	Ambient Air		EPA TO-15	
MP-2	16J1137-10	Sub Slab		EPA TO-15	
MP-5	16J1137-11	Sub Slab		EPA TO-15	
MP-7	16J1137-12	Sub Slab		EPA TO-15	
MP-8	16J1137-13	Sub Slab		EPA TO-15	
IMP-1	16J1137-14	Sub Slab		EPA TO-15	
IMP-3	16J1137-15	Sub Slab		EPA TO-15	

**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:****1,1,1,2-Tetrachloroethane**

B162948-BS2

**V-06**

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.

**Analyte & Samples(s) Qualified:****1,1,1,2-Tetrachloroethane**

B162948-BS2

**Acrylonitrile**

B162948-BS2

**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.



Lisa A. Worthington  
Project Manager

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: Gymnasium**  
**Sample ID: 16J1137-01**  
 Sample Matrix: Indoor air  
 Sampled: 10/21/2016 11:49

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 2203  
 Canister Size: 6 liter  
 Flow Controller ID: 4192  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -28  
 Final Vacuum(in Hg): -4  
 Receipt Vacuum(in Hg): -5.9  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	12	0.80		27	1.9	0.4	11/8/16 23:06	CMR	
Acrylonitrile	ND	0.12		ND	0.25	0.4	11/8/16 23:06	CMR	
Benzene	0.093	0.020		0.30	0.064	0.4	11/8/16 23:06	CMR	
Bromodichloromethane	ND	0.010		ND	0.067	0.4	11/8/16 23:06	CMR	
Bromoform	ND	0.020		ND	0.21	0.4	11/8/16 23:06	CMR	
2-Butanone (MEK)	ND	0.80		ND	2.4	0.4	11/8/16 23:06	CMR	
n-Butylbenzene	ND	0.058		ND	0.32	0.4	11/8/16 23:06	CMR	
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	11/8/16 23:06	CMR	
Carbon Tetrachloride	0.085	0.010		0.54	0.063	0.4	11/8/16 23:06	CMR	
Chlorobenzene	ND	0.020		ND	0.092	0.4	11/8/16 23:06	CMR	
Chloroethane	ND	0.020		ND	0.053	0.4	11/8/16 23:06	CMR	
Chloroform	0.023	0.010		0.11	0.049	0.4	11/8/16 23:06	CMR	
Chloromethane	0.44	0.040		0.90	0.083	0.4	11/8/16 23:06	CMR	
Dibromochloromethane	ND	0.010		ND	0.085	0.4	11/8/16 23:06	CMR	
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	11/8/16 23:06	CMR	
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/8/16 23:06	CMR	
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/8/16 23:06	CMR	
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/8/16 23:06	CMR	
Dichlorodifluoromethane (Freon 12)	0.097	0.020		0.48	0.099	0.4	11/8/16 23:06	CMR	
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	11/8/16 23:06	CMR	
1,2-Dichloroethane	0.012	0.010		0.050	0.040	0.4	11/8/16 23:06	CMR	
1,1-Dichloroethylene	0.011	0.010		0.044	0.040	0.4	11/8/16 23:06	CMR	
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/8/16 23:06	CMR	
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/8/16 23:06	CMR	
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	11/8/16 23:06	CMR	
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	11/8/16 23:06	CMR	
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/8/16 23:06	CMR	
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/8/16 23:06	CMR	
Ethylbenzene	0.073	0.020		0.32	0.087	0.4	11/8/16 23:06	CMR	
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	11/8/16 23:06	CMR	
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	11/8/16 23:06	CMR	
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	11/8/16 23:06	CMR	
Methylene Chloride	0.31	0.20		1.1	0.69	0.4	11/8/16 23:06	CMR	
4-Methyl-2-pentanone (MIBK)	0.033	0.020		0.14	0.082	0.4	11/8/16 23:06	CMR	
Styrene	ND	0.020		ND	0.085	0.4	11/8/16 23:06	CMR	
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	11/8/16 23:06	CMR	
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	11/8/16 23:06	CMR	

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: Gymnasium**  
**Sample ID: 16J1137-01**  
 Sample Matrix: Indoor air  
 Sampled: 10/21/2016 11:49

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 2203  
 Canister Size: 6 liter  
 Flow Controller ID: 4192  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -28  
 Final Vacuum(in Hg): -4  
 Receipt Vacuum(in Hg): -5.9  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Tetrachloroethylene	0.044	0.010		0.30	0.068	0.4	11/8/16	23:06	CMR
Toluene	0.25	0.020		0.94	0.075	0.4	11/8/16	23:06	CMR
1,1,1-Trichloroethane	0.015	0.010		0.083	0.055	0.4	11/8/16	23:06	CMR
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	11/8/16	23:06	CMR
Trichloroethylene	0.016	0.010		0.086	0.054	0.4	11/8/16	23:06	CMR
Trichlorofluoromethane (Freon 11)	0.22	0.020		1.2	0.11	0.4	11/8/16	23:06	CMR
1,2,4-Trimethylbenzene	0.050	0.020		0.25	0.098	0.4	11/8/16	23:06	CMR
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	11/8/16	23:06	CMR
Vinyl Chloride	ND	0.010		ND	0.026	0.4	11/8/16	23:06	CMR
m&p-Xylene	0.26	0.040		1.1	0.17	0.4	11/8/16	23:06	CMR
o-Xylene	0.082	0.020		0.36	0.087	0.4	11/8/16	23:06	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	96.4	70-130	11/8/16 23:06
4-Bromofluorobenzene (2)	94.0	70-130	11/8/16 23:06

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: Cafeteria**  
**Sample ID: 16J1137-02**  
 Sample Matrix: Indoor air  
 Sampled: 10/21/2016 10:14

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 2181  
 Canister Size: 6 liter  
 Flow Controller ID: 4089  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -28.5  
 Final Vacuum(in Hg): -6  
 Receipt Vacuum(in Hg): -4.2  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	12	0.80		30	1.9	0.4	11/9/16 0:02	CMR	
Acrylonitrile	ND	0.12		ND	0.25	0.4	11/9/16 0:02	CMR	
Benzene	0.29	0.020		0.92	0.064	0.4	11/9/16 0:02	CMR	
Bromodichloromethane	ND	0.010		ND	0.067	0.4	11/9/16 0:02	CMR	
Bromoform	ND	0.020		ND	0.21	0.4	11/9/16 0:02	CMR	
2-Butanone (MEK)	0.90	0.80		2.7	2.4	0.4	11/9/16 0:02	CMR	
n-Butylbenzene	ND	0.058		ND	0.32	0.4	11/9/16 0:02	CMR	
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	11/9/16 0:02	CMR	
Carbon Tetrachloride	0.077	0.010		0.49	0.063	0.4	11/9/16 0:02	CMR	
Chlorobenzene	ND	0.020		ND	0.092	0.4	11/9/16 0:02	CMR	
Chloroethane	ND	0.020		ND	0.053	0.4	11/9/16 0:02	CMR	
Chloroform	0.12	0.010		0.58	0.049	0.4	11/9/16 0:02	CMR	
Chloromethane	0.50	0.040		1.0	0.083	0.4	11/9/16 0:02	CMR	
Dibromochloromethane	ND	0.010		ND	0.085	0.4	11/9/16 0:02	CMR	
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	11/9/16 0:02	CMR	
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16 0:02	CMR	
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16 0:02	CMR	
1,4-Dichlorobenzene	0.023	0.020		0.14	0.12	0.4	11/9/16 0:02	CMR	
Dichlorodifluoromethane (Freon 12)	0.10	0.020		0.50	0.099	0.4	11/9/16 0:02	CMR	
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16 0:02	CMR	
1,2-Dichloroethane	0.015	0.010		0.062	0.040	0.4	11/9/16 0:02	CMR	
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16 0:02	CMR	
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16 0:02	CMR	
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16 0:02	CMR	
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	11/9/16 0:02	CMR	
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	11/9/16 0:02	CMR	
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16 0:02	CMR	
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16 0:02	CMR	
Ethylbenzene	0.13	0.020		0.56	0.087	0.4	11/9/16 0:02	CMR	
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	11/9/16 0:02	CMR	
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	11/9/16 0:02	CMR	
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	11/9/16 0:02	CMR	
Methylene Chloride	0.27	0.20		0.95	0.69	0.4	11/9/16 0:02	CMR	
4-Methyl-2-pentanone (MIBK)	0.078	0.020		0.32	0.082	0.4	11/9/16 0:02	CMR	
Styrene	0.035	0.020		0.15	0.085	0.4	11/9/16 0:02	CMR	
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	11/9/16 0:02	CMR	
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	11/9/16 0:02	CMR	

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: Cafeteria**  
**Sample ID: 16J1137-02**  
 Sample Matrix: Indoor air  
 Sampled: 10/21/2016 10:14

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 2181  
 Canister Size: 6 liter  
 Flow Controller ID: 4089  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -28.5  
 Final Vacuum(in Hg): -6  
 Receipt Vacuum(in Hg): -4.2  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Tetrachloroethylene	0.13	0.010		0.89	0.068	0.4	11/9/16	0:02	CMR
Toluene	0.94	0.020		3.5	0.075	0.4	11/9/16	0:02	CMR
1,1,1-Trichloroethane	0.010	0.010		0.055	0.055	0.4	11/9/16	0:02	CMR
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	11/9/16	0:02	CMR
Trichloroethylene	0.023	0.010		0.12	0.054	0.4	11/9/16	0:02	CMR
Trichlorofluoromethane (Freon 11)	0.22	0.020		1.3	0.11	0.4	11/9/16	0:02	CMR
1,2,4-Trimethylbenzene	0.12	0.020		0.58	0.098	0.4	11/9/16	0:02	CMR
1,3,5-Trimethylbenzene	0.033	0.020		0.16	0.098	0.4	11/9/16	0:02	CMR
Vinyl Chloride	ND	0.010		ND	0.026	0.4	11/9/16	0:02	CMR
m&p-Xylene	0.44	0.040		1.9	0.17	0.4	11/9/16	0:02	CMR
o-Xylene	0.15	0.020		0.64	0.087	0.4	11/9/16	0:02	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	95.4	70-130	11/9/16 0:02
4-Bromofluorobenzene (2)	93.4	70-130	11/9/16 0:02

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: Kitchen Storage Room**  
**Sample ID: 16J1137-03**  
 Sample Matrix: Indoor air  
 Sampled: 10/21/2016 10:18

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1824  
 Canister Size: 6 liter  
 Flow Controller ID: 4292  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -28  
 Final Vacuum(in Hg): -4  
 Receipt Vacuum(in Hg): -6.1  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	10	0.80		25	1.9	0.4	11/9/16	1:00	CMR
Acrylonitrile	ND	0.12		ND	0.25	0.4	11/9/16	1:00	CMR
Benzene	0.26	0.020		0.82	0.064	0.4	11/9/16	1:00	CMR
Bromodichloromethane	ND	0.010		ND	0.067	0.4	11/9/16	1:00	CMR
Bromoform	ND	0.020		ND	0.21	0.4	11/9/16	1:00	CMR
2-Butanone (MEK)	ND	0.80		ND	2.4	0.4	11/9/16	1:00	CMR
n-Butylbenzene	ND	0.058		ND	0.32	0.4	11/9/16	1:00	CMR
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	11/9/16	1:00	CMR
Carbon Tetrachloride	0.078	0.010		0.49	0.063	0.4	11/9/16	1:00	CMR
Chlorobenzene	ND	0.020		ND	0.092	0.4	11/9/16	1:00	CMR
Chloroethane	ND	0.020		ND	0.053	0.4	11/9/16	1:00	CMR
Chloroform	0.31	0.010		1.5	0.049	0.4	11/9/16	1:00	CMR
Chloromethane	0.52	0.040		1.1	0.083	0.4	11/9/16	1:00	CMR
Dibromochloromethane	ND	0.010		ND	0.085	0.4	11/9/16	1:00	CMR
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	11/9/16	1:00	CMR
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	1:00	CMR
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	1:00	CMR
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	1:00	CMR
Dichlorodifluoromethane (Freon 12)	0.10	0.020		0.50	0.099	0.4	11/9/16	1:00	CMR
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16	1:00	CMR
1,2-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16	1:00	CMR
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	1:00	CMR
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	1:00	CMR
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	1:00	CMR
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	11/9/16	1:00	CMR
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	11/9/16	1:00	CMR
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16	1:00	CMR
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16	1:00	CMR
Ethylbenzene	0.10	0.020		0.44	0.087	0.4	11/9/16	1:00	CMR
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	11/9/16	1:00	CMR
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	11/9/16	1:00	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	11/9/16	1:00	CMR
Methylene Chloride	0.41	0.20		1.4	0.69	0.4	11/9/16	1:00	CMR
4-Methyl-2-pentanone (MIBK)	0.050	0.020		0.20	0.082	0.4	11/9/16	1:00	CMR
Styrene	0.21	0.020		0.89	0.085	0.4	11/9/16	1:00	CMR
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	11/9/16	1:00	CMR
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	11/9/16	1:00	CMR

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: Kitchen Storage Room**  
**Sample ID: 16J1137-03**  
 Sample Matrix: Indoor air  
 Sampled: 10/21/2016 10:18

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1824  
 Canister Size: 6 liter  
 Flow Controller ID: 4292  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -28  
 Final Vacuum(in Hg): -4  
 Receipt Vacuum(in Hg): -6.1  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Tetrachloroethylene	0.087	0.010		0.59	0.068	0.4	11/9/16	1:00	CMR
Toluene	0.72	0.020		2.7	0.075	0.4	11/9/16	1:00	CMR
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	11/9/16	1:00	CMR
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	11/9/16	1:00	CMR
Trichloroethylene	0.023	0.010		0.12	0.054	0.4	11/9/16	1:00	CMR
Trichlorofluoromethane (Freon 11)	0.21	0.020		1.2	0.11	0.4	11/9/16	1:00	CMR
1,2,4-Trimethylbenzene	0.097	0.020		0.48	0.098	0.4	11/9/16	1:00	CMR
1,3,5-Trimethylbenzene	0.026	0.020		0.13	0.098	0.4	11/9/16	1:00	CMR
Vinyl Chloride	ND	0.010		ND	0.026	0.4	11/9/16	1:00	CMR
m&p-Xylene	0.32	0.040		1.4	0.17	0.4	11/9/16	1:00	CMR
o-Xylene	0.11	0.020		0.49	0.087	0.4	11/9/16	1:00	CMR

Surrogates	% Recovery	% REC Limits		
4-Bromofluorobenzene (1)	94.4	70-130	11/9/16	1:00
4-Bromofluorobenzene (2)	92.4	70-130	11/9/16	1:00

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: Elevator Hallway**  
**Sample ID: 16J1137-04**  
 Sample Matrix: Indoor air  
 Sampled: 10/21/2016 10:10

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1823  
 Canister Size: 6 liter  
 Flow Controller ID: 4088  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -29  
 Final Vacuum(in Hg): -7  
 Receipt Vacuum(in Hg): -8.9  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	12	0.80		28	1.9	0.4	11/9/16 2:00	CMR	
Acrylonitrile	ND	0.12		ND	0.25	0.4	11/9/16 2:00	CMR	
Benzene	0.29	0.020		0.93	0.064	0.4	11/9/16 2:00	CMR	
Bromodichloromethane	ND	0.010		ND	0.067	0.4	11/9/16 2:00	CMR	
Bromoform	ND	0.020		ND	0.21	0.4	11/9/16 2:00	CMR	
2-Butanone (MEK)	0.83	0.80		2.4	2.4	0.4	11/9/16 2:00	CMR	
n-Butylbenzene	ND	0.058		ND	0.32	0.4	11/9/16 2:00	CMR	
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	11/9/16 2:00	CMR	
Carbon Tetrachloride	0.068	0.010		0.43	0.063	0.4	11/9/16 2:00	CMR	
Chlorobenzene	ND	0.020		ND	0.092	0.4	11/9/16 2:00	CMR	
Chloroethane	ND	0.020		ND	0.053	0.4	11/9/16 2:00	CMR	
Chloroform	0.039	0.010		0.19	0.049	0.4	11/9/16 2:00	CMR	
Chloromethane	0.54	0.040		1.1	0.083	0.4	11/9/16 2:00	CMR	
Dibromochloromethane	ND	0.010		ND	0.085	0.4	11/9/16 2:00	CMR	
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	11/9/16 2:00	CMR	
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16 2:00	CMR	
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16 2:00	CMR	
1,4-Dichlorobenzene	0.027	0.020		0.16	0.12	0.4	11/9/16 2:00	CMR	
Dichlorodifluoromethane (Freon 12)	0.098	0.020		0.48	0.099	0.4	11/9/16 2:00	CMR	
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16 2:00	CMR	
1,2-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16 2:00	CMR	
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16 2:00	CMR	
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16 2:00	CMR	
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16 2:00	CMR	
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	11/9/16 2:00	CMR	
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	11/9/16 2:00	CMR	
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16 2:00	CMR	
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16 2:00	CMR	
Ethylbenzene	0.16	0.020		0.69	0.087	0.4	11/9/16 2:00	CMR	
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	11/9/16 2:00	CMR	
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	11/9/16 2:00	CMR	
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	11/9/16 2:00	CMR	
Methylene Chloride	0.21	0.20		0.72	0.69	0.4	11/9/16 2:00	CMR	
4-Methyl-2-pentanone (MIBK)	0.11	0.020		0.45	0.082	0.4	11/9/16 2:00	CMR	
Styrene	0.057	0.020		0.24	0.085	0.4	11/9/16 2:00	CMR	
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	11/9/16 2:00	CMR	
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	11/9/16 2:00	CMR	

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: Elevator Hallway**  
**Sample ID: 16J1137-04**  
 Sample Matrix: Indoor air  
 Sampled: 10/21/2016 10:10

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1823  
 Canister Size: 6 liter  
 Flow Controller ID: 4088  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -29  
 Final Vacuum(in Hg): -7  
 Receipt Vacuum(in Hg): -8.9  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Tetrachloroethylene	0.11	0.010		0.72	0.068	0.4	11/9/16	2:00	CMR
Toluene	1.0	0.020		3.8	0.075	0.4	11/9/16	2:00	CMR
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	11/9/16	2:00	CMR
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	11/9/16	2:00	CMR
Trichloroethylene	0.028	0.010		0.15	0.054	0.4	11/9/16	2:00	CMR
Trichlorofluoromethane (Freon 11)	0.20	0.020		1.1	0.11	0.4	11/9/16	2:00	CMR
1,2,4-Trimethylbenzene	0.21	0.020		1.0	0.098	0.4	11/9/16	2:00	CMR
1,3,5-Trimethylbenzene	0.038	0.020		0.18	0.098	0.4	11/9/16	2:00	CMR
Vinyl Chloride	ND	0.010		ND	0.026	0.4	11/9/16	2:00	CMR
m&p-Xylene	0.46	0.040		2.0	0.17	0.4	11/9/16	2:00	CMR
o-Xylene	0.15	0.020		0.66	0.087	0.4	11/9/16	2:00	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	95.4	70-130	11/9/16 2:00
4-Bromofluorobenzene (2)	93.6	70-130	11/9/16 2:00

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: Room 145**  
**Sample ID: 16J1137-05**  
 Sample Matrix: Indoor air  
 Sampled: 10/21/2016 11:01

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1506  
 Canister Size: 6 liter  
 Flow Controller ID: 4183  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -25  
 Final Vacuum(in Hg): -0.5  
 Receipt Vacuum(in Hg): -5.9  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	10	0.80		24	1.9	0.4	11/9/16	2:58	CMR
Acrylonitrile	ND	0.12		ND	0.25	0.4	11/9/16	2:58	CMR
Benzene	0.091	0.020		0.29	0.064	0.4	11/9/16	2:58	CMR
Bromodichloromethane	ND	0.010		ND	0.067	0.4	11/9/16	2:58	CMR
Bromoform	ND	0.020		ND	0.21	0.4	11/9/16	2:58	CMR
2-Butanone (MEK)	ND	0.80		ND	2.4	0.4	11/9/16	2:58	CMR
n-Butylbenzene	ND	0.058		ND	0.32	0.4	11/9/16	2:58	CMR
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	11/9/16	2:58	CMR
Carbon Tetrachloride	0.073	0.010		0.46	0.063	0.4	11/9/16	2:58	CMR
Chlorobenzene	ND	0.020		ND	0.092	0.4	11/9/16	2:58	CMR
Chloroethane	ND	0.020		ND	0.053	0.4	11/9/16	2:58	CMR
Chloroform	0.018	0.010		0.086	0.049	0.4	11/9/16	2:58	CMR
Chloromethane	0.49	0.040		1.0	0.083	0.4	11/9/16	2:58	CMR
Dibromochloromethane	ND	0.010		ND	0.085	0.4	11/9/16	2:58	CMR
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	11/9/16	2:58	CMR
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	2:58	CMR
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	2:58	CMR
1,4-Dichlorobenzene	0.024	0.020		0.14	0.12	0.4	11/9/16	2:58	CMR
Dichlorodifluoromethane (Freon 12)	0.10	0.020		0.51	0.099	0.4	11/9/16	2:58	CMR
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16	2:58	CMR
1,2-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16	2:58	CMR
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	2:58	CMR
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	2:58	CMR
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	2:58	CMR
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	11/9/16	2:58	CMR
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	11/9/16	2:58	CMR
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16	2:58	CMR
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16	2:58	CMR
Ethylbenzene	0.034	0.020		0.15	0.087	0.4	11/9/16	2:58	CMR
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	11/9/16	2:58	CMR
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	11/9/16	2:58	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	11/9/16	2:58	CMR
Methylene Chloride	ND	0.20		ND	0.69	0.4	11/9/16	2:58	CMR
4-Methyl-2-pentanone (MIBK)	0.027	0.020		0.11	0.082	0.4	11/9/16	2:58	CMR
Styrene	0.020	0.020		0.087	0.085	0.4	11/9/16	2:58	CMR
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	11/9/16	2:58	CMR
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	11/9/16	2:58	CMR

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: Room 145**  
**Sample ID: 16J1137-05**  
 Sample Matrix: Indoor air  
 Sampled: 10/21/2016 11:01

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1506  
 Canister Size: 6 liter  
 Flow Controller ID: 4183  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -25  
 Final Vacuum(in Hg): -0.5  
 Receipt Vacuum(in Hg): -5.9  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Tetrachloroethylene	0.031	0.010		0.21	0.068	0.4	11/9/16	2:58	CMR
Toluene	0.24	0.020		0.92	0.075	0.4	11/9/16	2:58	CMR
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	11/9/16	2:58	CMR
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	11/9/16	2:58	CMR
Trichloroethylene	ND	0.010		ND	0.054	0.4	11/9/16	2:58	CMR
Trichlorofluoromethane (Freon 11)	0.20	0.020		1.1	0.11	0.4	11/9/16	2:58	CMR
1,2,4-Trimethylbenzene	0.042	0.020		0.21	0.098	0.4	11/9/16	2:58	CMR
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	11/9/16	2:58	CMR
Vinyl Chloride	ND	0.010		ND	0.026	0.4	11/9/16	2:58	CMR
m&p-Xylene	0.10	0.040		0.44	0.17	0.4	11/9/16	2:58	CMR
o-Xylene	0.040	0.020		0.17	0.087	0.4	11/9/16	2:58	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	94.7	70-130	11/9/16 2:58
4-Bromofluorobenzene (2)	94.8	70-130	11/9/16 2:58

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: Room 152**  
**Sample ID: 16J1137-06**  
 Sample Matrix: Indoor air  
 Sampled: 10/21/2016 11:07

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 2140  
 Canister Size: 6 liter  
 Flow Controller ID: 4173  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -21  
 Final Vacuum(in Hg): 0  
 Receipt Vacuum(in Hg): -3.1  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	15	0.80		35	1.9	0.4	11/9/16	4:00	CMR
Acrylonitrile	ND	0.12		ND	0.25	0.4	11/9/16	4:00	CMR
Benzene	0.17	0.020		0.55	0.064	0.4	11/9/16	4:00	CMR
Bromodichloromethane	ND	0.010		ND	0.067	0.4	11/9/16	4:00	CMR
Bromoform	ND	0.020		ND	0.21	0.4	11/9/16	4:00	CMR
2-Butanone (MEK)	ND	0.80		ND	2.4	0.4	11/9/16	4:00	CMR
n-Butylbenzene	ND	0.058		ND	0.32	0.4	11/9/16	4:00	CMR
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	11/9/16	4:00	CMR
Carbon Tetrachloride	0.072	0.010		0.46	0.063	0.4	11/9/16	4:00	CMR
Chlorobenzene	ND	0.020		ND	0.092	0.4	11/9/16	4:00	CMR
Chloroethane	ND	0.020		ND	0.053	0.4	11/9/16	4:00	CMR
Chloroform	0.027	0.010		0.13	0.049	0.4	11/9/16	4:00	CMR
Chloromethane	0.63	0.040		1.3	0.083	0.4	11/9/16	4:00	CMR
Dibromochloromethane	ND	0.010		ND	0.085	0.4	11/9/16	4:00	CMR
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	11/9/16	4:00	CMR
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	4:00	CMR
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	4:00	CMR
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	4:00	CMR
Dichlorodifluoromethane (Freon 12)	0.099	0.020		0.49	0.099	0.4	11/9/16	4:00	CMR
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16	4:00	CMR
1,2-Dichloroethane	0.012	0.010		0.049	0.040	0.4	11/9/16	4:00	CMR
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	4:00	CMR
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	4:00	CMR
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	4:00	CMR
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	11/9/16	4:00	CMR
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	11/9/16	4:00	CMR
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16	4:00	CMR
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16	4:00	CMR
Ethylbenzene	0.068	0.020		0.30	0.087	0.4	11/9/16	4:00	CMR
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	11/9/16	4:00	CMR
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	11/9/16	4:00	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	11/9/16	4:00	CMR
Methylene Chloride	1.3	0.20		4.6	0.69	0.4	11/9/16	4:00	CMR
4-Methyl-2-pentanone (MIBK)	0.24	0.020		0.99	0.082	0.4	11/9/16	4:00	CMR
Styrene	0.042	0.020		0.18	0.085	0.4	11/9/16	4:00	CMR
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	11/9/16	4:00	CMR
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	11/9/16	4:00	CMR

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: Room 152**  
**Sample ID: 16J1137-06**  
 Sample Matrix: Indoor air  
 Sampled: 10/21/2016 11:07

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 2140  
 Canister Size: 6 liter  
 Flow Controller ID: 4173  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -21  
 Final Vacuum(in Hg): 0  
 Receipt Vacuum(in Hg): -3.1  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Tetrachloroethylene	0.068	0.010		0.46	0.068	0.4	11/9/16	4:00	CMR
Toluene	0.56	0.020		2.1	0.075	0.4	11/9/16	4:00	CMR
1,1,1-Trichloroethane	ND	0.010		ND	0.055	0.4	11/9/16	4:00	CMR
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	11/9/16	4:00	CMR
Trichloroethylene	0.012	0.010		0.067	0.054	0.4	11/9/16	4:00	CMR
Trichlorofluoromethane (Freon 11)	0.22	0.020		1.3	0.11	0.4	11/9/16	4:00	CMR
1,2,4-Trimethylbenzene	0.088	0.020		0.43	0.098	0.4	11/9/16	4:00	CMR
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	11/9/16	4:00	CMR
Vinyl Chloride	ND	0.010		ND	0.026	0.4	11/9/16	4:00	CMR
m&p-Xylene	0.23	0.040		0.98	0.17	0.4	11/9/16	4:00	CMR
o-Xylene	0.076	0.020		0.33	0.087	0.4	11/9/16	4:00	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	95.4	70-130	11/9/16 4:00
4-Bromofluorobenzene (2)	94.1	70-130	11/9/16 4:00

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: Room 118**  
**Sample ID: 16J1137-07**  
 Sample Matrix: Indoor air  
 Sampled: 10/21/2016 11:20

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1979  
 Canister Size: 6 liter  
 Flow Controller ID: 4182  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -29  
 Final Vacuum(in Hg): -5  
 Receipt Vacuum(in Hg): -6.7  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	13	0.80		30	1.9	0.4	11/9/16	4:58	CMR
Acrylonitrile	ND	0.12		ND	0.25	0.4	11/9/16	4:58	CMR
Benzene	0.14	0.020		0.45	0.064	0.4	11/9/16	4:58	CMR
Bromodichloromethane	ND	0.010		ND	0.067	0.4	11/9/16	4:58	CMR
Bromoform	ND	0.020		ND	0.21	0.4	11/9/16	4:58	CMR
2-Butanone (MEK)	0.84	0.80		2.5	2.4	0.4	11/9/16	4:58	CMR
n-Butylbenzene	ND	0.058		ND	0.32	0.4	11/9/16	4:58	CMR
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	11/9/16	4:58	CMR
Carbon Tetrachloride	0.076	0.010		0.48	0.063	0.4	11/9/16	4:58	CMR
Chlorobenzene	ND	0.020		ND	0.092	0.4	11/9/16	4:58	CMR
Chloroethane	ND	0.020		ND	0.053	0.4	11/9/16	4:58	CMR
Chloroform	0.027	0.010		0.13	0.049	0.4	11/9/16	4:58	CMR
Chloromethane	0.53	0.040		1.1	0.083	0.4	11/9/16	4:58	CMR
Dibromochloromethane	ND	0.010		ND	0.085	0.4	11/9/16	4:58	CMR
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	11/9/16	4:58	CMR
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	4:58	CMR
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	4:58	CMR
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	4:58	CMR
Dichlorodifluoromethane (Freon 12)	0.11	0.020		0.54	0.099	0.4	11/9/16	4:58	CMR
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16	4:58	CMR
1,2-Dichloroethane	0.010	0.010		0.040	0.040	0.4	11/9/16	4:58	CMR
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	4:58	CMR
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	4:58	CMR
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	4:58	CMR
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	11/9/16	4:58	CMR
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	11/9/16	4:58	CMR
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16	4:58	CMR
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16	4:58	CMR
Ethylbenzene	0.066	0.020		0.29	0.087	0.4	11/9/16	4:58	CMR
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	11/9/16	4:58	CMR
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	11/9/16	4:58	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	11/9/16	4:58	CMR
Methylene Chloride	0.32	0.20		1.1	0.69	0.4	11/9/16	4:58	CMR
4-Methyl-2-pentanone (MIBK)	0.14	0.020		0.58	0.082	0.4	11/9/16	4:58	CMR
Styrene	0.034	0.020		0.14	0.085	0.4	11/9/16	4:58	CMR
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	11/9/16	4:58	CMR
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	11/9/16	4:58	CMR

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: Room 118**  
**Sample ID: 16J1137-07**  
 Sample Matrix: Indoor air  
 Sampled: 10/21/2016 11:20

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1979  
 Canister Size: 6 liter  
 Flow Controller ID: 4182  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -29  
 Final Vacuum(in Hg): -5  
 Receipt Vacuum(in Hg): -6.7  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Tetrachloroethylene	0.20	0.010		1.4	0.068	0.4	11/9/16	4:58	CMR
Toluene	0.47	0.020		1.8	0.075	0.4	11/9/16	4:58	CMR
1,1,1-Trichloroethane	0.011	0.010		0.059	0.055	0.4	11/9/16	4:58	CMR
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	11/9/16	4:58	CMR
Trichloroethylene	0.016	0.010		0.088	0.054	0.4	11/9/16	4:58	CMR
Trichlorofluoromethane (Freon 11)	0.22	0.020		1.2	0.11	0.4	11/9/16	4:58	CMR
1,2,4-Trimethylbenzene	0.070	0.020		0.34	0.098	0.4	11/9/16	4:58	CMR
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	11/9/16	4:58	CMR
Vinyl Chloride	ND	0.010		ND	0.026	0.4	11/9/16	4:58	CMR
m&p-Xylene	0.21	0.040		0.93	0.17	0.4	11/9/16	4:58	CMR
o-Xylene	0.078	0.020		0.34	0.087	0.4	11/9/16	4:58	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	96.2	70-130	11/9/16 4:58
4-Bromofluorobenzene (2)	94.3	70-130	11/9/16 4:58

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: Room 110**  
**Sample ID: 16J1137-08**  
 Sample Matrix: Indoor air  
 Sampled: 10/21/2016 11:14

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 2178  
 Canister Size: 6 liter  
 Flow Controller ID: 4293  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -29  
 Final Vacuum(in Hg): -3  
 Receipt Vacuum(in Hg): -4.9  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	16	0.80		37	1.9	0.4	11/9/16	5:55	CMR
Acrylonitrile	ND	0.12		ND	0.25	0.4	11/9/16	5:55	CMR
Benzene	0.16	0.020		0.50	0.064	0.4	11/9/16	5:55	CMR
Bromodichloromethane	ND	0.010		ND	0.067	0.4	11/9/16	5:55	CMR
Bromoform	ND	0.020		ND	0.21	0.4	11/9/16	5:55	CMR
2-Butanone (MEK)	1.0	0.80		3.1	2.4	0.4	11/9/16	5:55	CMR
n-Butylbenzene	ND	0.058		ND	0.32	0.4	11/9/16	5:55	CMR
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	11/9/16	5:55	CMR
Carbon Tetrachloride	0.074	0.010		0.47	0.063	0.4	11/9/16	5:55	CMR
Chlorobenzene	ND	0.020		ND	0.092	0.4	11/9/16	5:55	CMR
Chloroethane	ND	0.020		ND	0.053	0.4	11/9/16	5:55	CMR
Chloroform	0.026	0.010		0.13	0.049	0.4	11/9/16	5:55	CMR
Chloromethane	0.55	0.040		1.1	0.083	0.4	11/9/16	5:55	CMR
Dibromochloromethane	ND	0.010		ND	0.085	0.4	11/9/16	5:55	CMR
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	11/9/16	5:55	CMR
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	5:55	CMR
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	5:55	CMR
1,4-Dichlorobenzene	0.022	0.020		0.13	0.12	0.4	11/9/16	5:55	CMR
Dichlorodifluoromethane (Freon 12)	0.10	0.020		0.51	0.099	0.4	11/9/16	5:55	CMR
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16	5:55	CMR
1,2-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16	5:55	CMR
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	5:55	CMR
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	5:55	CMR
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	5:55	CMR
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	11/9/16	5:55	CMR
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	11/9/16	5:55	CMR
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16	5:55	CMR
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16	5:55	CMR
Ethylbenzene	0.072	0.020		0.31	0.087	0.4	11/9/16	5:55	CMR
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	11/9/16	5:55	CMR
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	11/9/16	5:55	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	11/9/16	5:55	CMR
Methylene Chloride	0.33	0.20		1.2	0.69	0.4	11/9/16	5:55	CMR
4-Methyl-2-pentanone (MIBK)	0.068	0.020		0.28	0.082	0.4	11/9/16	5:55	CMR
Styrene	0.025	0.020		0.11	0.085	0.4	11/9/16	5:55	CMR
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	11/9/16	5:55	CMR
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	11/9/16	5:55	CMR

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: Room 110**  
**Sample ID: 16J1137-08**  
 Sample Matrix: Indoor air  
 Sampled: 10/21/2016 11:14

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 2178  
 Canister Size: 6 liter  
 Flow Controller ID: 4293  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -29  
 Final Vacuum(in Hg): -3  
 Receipt Vacuum(in Hg): -4.9  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Tetrachloroethylene	0.068	0.010		0.46	0.068	0.4	11/9/16	5:55	CMR
Toluene	0.52	0.020		2.0	0.075	0.4	11/9/16	5:55	CMR
1,1,1-Trichloroethane	0.010	0.010		0.057	0.055	0.4	11/9/16	5:55	CMR
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	11/9/16	5:55	CMR
Trichloroethylene	0.011	0.010		0.058	0.054	0.4	11/9/16	5:55	CMR
Trichlorofluoromethane (Freon 11)	0.21	0.020		1.2	0.11	0.4	11/9/16	5:55	CMR
1,2,4-Trimethylbenzene	0.073	0.020		0.36	0.098	0.4	11/9/16	5:55	CMR
1,3,5-Trimethylbenzene	ND	0.020		ND	0.098	0.4	11/9/16	5:55	CMR
Vinyl Chloride	ND	0.010		ND	0.026	0.4	11/9/16	5:55	CMR
m&p-Xylene	0.23	0.040		0.98	0.17	0.4	11/9/16	5:55	CMR
o-Xylene	0.080	0.020		0.35	0.087	0.4	11/9/16	5:55	CMR

Surrogates	% Recovery	% REC Limits		
4-Bromofluorobenzene (1)	95.5	70-130	11/9/16	5:55
4-Bromofluorobenzene (2)	95.0	70-130	11/9/16	5:55

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: Ambient Outdoor**  
**Sample ID: 16J1137-09**  
 Sample Matrix: Ambient Air  
 Sampled: 10/21/2016 09:10

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1463  
 Canister Size: 6 liter  
 Flow Controller ID: 4075  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -29  
 Final Vacuum(in Hg): -5  
 Receipt Vacuum(in Hg): -6.5  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	12	0.80		28	1.9	0.4	11/9/16	6:53	CMR
Acrylonitrile	ND	0.12		ND	0.25	0.4	11/9/16	6:53	CMR
Benzene	1.0	0.020		3.3	0.064	0.4	11/9/16	6:53	CMR
Bromodichloromethane	ND	0.010		ND	0.067	0.4	11/9/16	6:53	CMR
Bromoform	ND	0.020		ND	0.21	0.4	11/9/16	6:53	CMR
2-Butanone (MEK)	1.7	0.80		5.0	2.4	0.4	11/9/16	6:53	CMR
n-Butylbenzene	ND	0.058		ND	0.32	0.4	11/9/16	6:53	CMR
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	11/9/16	6:53	CMR
Carbon Tetrachloride	0.075	0.010		0.47	0.063	0.4	11/9/16	6:53	CMR
Chlorobenzene	ND	0.020		ND	0.092	0.4	11/9/16	6:53	CMR
Chloroethane	ND	0.020		ND	0.053	0.4	11/9/16	6:53	CMR
Chloroform	0.036	0.010		0.18	0.049	0.4	11/9/16	6:53	CMR
Chloromethane	0.45	0.040		0.93	0.083	0.4	11/9/16	6:53	CMR
Dibromochloromethane	ND	0.010		ND	0.085	0.4	11/9/16	6:53	CMR
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	11/9/16	6:53	CMR
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	6:53	CMR
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	6:53	CMR
1,4-Dichlorobenzene	0.020	0.020		0.12	0.12	0.4	11/9/16	6:53	CMR
Dichlorodifluoromethane (Freon 12)	0.11	0.020		0.55	0.099	0.4	11/9/16	6:53	CMR
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16	6:53	CMR
1,2-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16	6:53	CMR
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	6:53	CMR
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	6:53	CMR
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	6:53	CMR
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	11/9/16	6:53	CMR
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	11/9/16	6:53	CMR
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16	6:53	CMR
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16	6:53	CMR
Ethylbenzene	0.55	0.020		2.4	0.087	0.4	11/9/16	6:53	CMR
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	11/9/16	6:53	CMR
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	11/9/16	6:53	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	11/9/16	6:53	CMR
Methylene Chloride	ND	0.20		ND	0.69	0.4	11/9/16	6:53	CMR
4-Methyl-2-pentanone (MIBK)	0.27	0.020		1.1	0.082	0.4	11/9/16	6:53	CMR
Styrene	0.087	0.020		0.37	0.085	0.4	11/9/16	6:53	CMR
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	11/9/16	6:53	CMR
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	11/9/16	6:53	CMR

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: Ambient Outdoor**  
**Sample ID: 16J1137-09**  
 Sample Matrix: Ambient Air  
 Sampled: 10/21/2016 09:10

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1463  
 Canister Size: 6 liter  
 Flow Controller ID: 4075  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -29  
 Final Vacuum(in Hg): -5  
 Receipt Vacuum(in Hg): -6.5  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Tetrachloroethylene	0.11	0.010		0.75	0.068	0.4	11/9/16	6:53	CMR
Toluene	4.2	0.020		16	0.075	0.4	11/9/16	6:53	CMR
1,1,1-Trichloroethane	0.016	0.010		0.087	0.055	0.4	11/9/16	6:53	CMR
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	11/9/16	6:53	CMR
Trichloroethylene	0.016	0.010		0.088	0.054	0.4	11/9/16	6:53	CMR
Trichlorofluoromethane (Freon 11)	0.22	0.020		1.2	0.11	0.4	11/9/16	6:53	CMR
1,2,4-Trimethylbenzene	0.53	0.020		2.6	0.098	0.4	11/9/16	6:53	CMR
1,3,5-Trimethylbenzene	0.14	0.020		0.71	0.098	0.4	11/9/16	6:53	CMR
Vinyl Chloride	ND	0.010		ND	0.026	0.4	11/9/16	6:53	CMR
m&p-Xylene	1.9	0.040		8.3	0.17	0.4	11/9/16	6:53	CMR
o-Xylene	0.66	0.020		2.9	0.087	0.4	11/9/16	6:53	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	95.6	70-130	11/9/16 6:53
4-Bromofluorobenzene (2)	96.9	70-130	11/9/16 6:53

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: MP-2**  
**Sample ID: 16J1137-10**  
 Sample Matrix: Sub Slab  
 Sampled: 10/21/2016 09:05

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1977  
 Canister Size: 6 liter  
 Flow Controller ID: 4098  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -29  
 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		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	7.2	0.80		17	1.9	0.4	11/9/16 7:50	CMR	
Acrylonitrile	ND	0.12		ND	0.25	0.4	11/9/16 7:50	CMR	
Benzene	0.11	0.020		0.35	0.064	0.4	11/9/16 7:50	CMR	
Bromodichloromethane	ND	0.010		ND	0.067	0.4	11/9/16 7:50	CMR	
Bromoform	ND	0.020		ND	0.21	0.4	11/9/16 7:50	CMR	
2-Butanone (MEK)	7.1	0.80		21	2.4	0.4	11/9/16 7:50	CMR	
n-Butylbenzene	ND	0.058		ND	0.32	0.4	11/9/16 7:50	CMR	
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	11/9/16 7:50	CMR	
Carbon Tetrachloride	0.077	0.010		0.49	0.063	0.4	11/9/16 7:50	CMR	
Chlorobenzene	ND	0.020		ND	0.092	0.4	11/9/16 7:50	CMR	
Chloroethane	0.062	0.020		0.16	0.053	0.4	11/9/16 7:50	CMR	
Chloroform	0.026	0.010		0.13	0.049	0.4	11/9/16 7:50	CMR	
Chloromethane	ND	0.040		ND	0.083	0.4	11/9/16 7:50	CMR	
Dibromochloromethane	ND	0.010		ND	0.085	0.4	11/9/16 7:50	CMR	
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	11/9/16 7:50	CMR	
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16 7:50	CMR	
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16 7:50	CMR	
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16 7:50	CMR	
Dichlorodifluoromethane (Freon 12)	0.11	0.020		0.55	0.099	0.4	11/9/16 7:50	CMR	
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16 7:50	CMR	
1,2-Dichloroethane	0.021	0.010		0.086	0.040	0.4	11/9/16 7:50	CMR	
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16 7:50	CMR	
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16 7:50	CMR	
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16 7:50	CMR	
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	11/9/16 7:50	CMR	
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	11/9/16 7:50	CMR	
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16 7:50	CMR	
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16 7:50	CMR	
Ethylbenzene	0.032	0.020		0.14	0.087	0.4	11/9/16 7:50	CMR	
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	11/9/16 7:50	CMR	
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	11/9/16 7:50	CMR	
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	11/9/16 7:50	CMR	
Methylene Chloride	ND	0.20		ND	0.69	0.4	11/9/16 7:50	CMR	
4-Methyl-2-pentanone (MIBK)	0.12	0.020		0.49	0.082	0.4	11/9/16 7:50	CMR	
Styrene	0.029	0.020		0.12	0.085	0.4	11/9/16 7:50	CMR	
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	11/9/16 7:50	CMR	
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	11/9/16 7:50	CMR	

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: MP-2**  
**Sample ID: 16J1137-10**  
 Sample Matrix: Sub Slab  
 Sampled: 10/21/2016 09:05

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1977  
 Canister Size: 6 liter  
 Flow Controller ID: 4098  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -29  
 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		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Tetrachloroethylene	5.8	0.010		40	0.068	0.4	11/9/16	7:50	CMR
Toluene	0.15	0.020		0.56	0.075	0.4	11/9/16	7:50	CMR
1,1,1-Trichloroethane	0.11	0.010		0.59	0.055	0.4	11/9/16	7:50	CMR
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	11/9/16	7:50	CMR
Trichloroethylene	1.4	0.010		7.6	0.054	0.4	11/9/16	7:50	CMR
Trichlorofluoromethane (Freon 11)	0.84	0.020		4.7	0.11	0.4	11/9/16	7:50	CMR
1,2,4-Trimethylbenzene	0.16	0.020		0.80	0.098	0.4	11/9/16	7:50	CMR
1,3,5-Trimethylbenzene	0.035	0.020		0.17	0.098	0.4	11/9/16	7:50	CMR
Vinyl Chloride	0.13	0.010		0.34	0.026	0.4	11/9/16	7:50	CMR
m&p-Xylene	0.10	0.040		0.43	0.17	0.4	11/9/16	7:50	CMR
o-Xylene	0.041	0.020		0.18	0.087	0.4	11/9/16	7:50	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	95.5	70-130	11/9/16 7:50
4-Bromofluorobenzene (2)	95.1	70-130	11/9/16 7:50

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: MP-5**  
**Sample ID: 16J1137-11**  
 Sample Matrix: Sub Slab  
 Sampled: 10/21/2016 09:37

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 2207  
 Canister Size: 6 liter  
 Flow Controller ID: 4103  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -28  
 Final Vacuum(in Hg): -7  
 Receipt Vacuum(in Hg): -8.8  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	11	0.80		25	1.9	0.4	11/9/16	8:44	CMR
Acrylonitrile	ND	0.12		ND	0.25	0.4	11/9/16	8:44	CMR
Benzene	0.26	0.020		0.84	0.064	0.4	11/9/16	8:44	CMR
Bromodichloromethane	ND	0.010		ND	0.067	0.4	11/9/16	8:44	CMR
Bromoform	ND	0.020		ND	0.21	0.4	11/9/16	8:44	CMR
2-Butanone (MEK)	4.0	0.80		12	2.4	0.4	11/9/16	8:44	CMR
n-Butylbenzene	ND	0.058		ND	0.32	0.4	11/9/16	8:44	CMR
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	11/9/16	8:44	CMR
Carbon Tetrachloride	0.071	0.010		0.45	0.063	0.4	11/9/16	8:44	CMR
Chlorobenzene	ND	0.020		ND	0.092	0.4	11/9/16	8:44	CMR
Chloroethane	0.026	0.020		0.069	0.053	0.4	11/9/16	8:44	CMR
Chloroform	0.055	0.010		0.27	0.049	0.4	11/9/16	8:44	CMR
Chloromethane	ND	0.040		ND	0.083	0.4	11/9/16	8:44	CMR
Dibromochloromethane	ND	0.010		ND	0.085	0.4	11/9/16	8:44	CMR
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	11/9/16	8:44	CMR
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	8:44	CMR
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	8:44	CMR
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	8:44	CMR
Dichlorodifluoromethane (Freon 12)	0.11	0.020		0.55	0.099	0.4	11/9/16	8:44	CMR
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16	8:44	CMR
1,2-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16	8:44	CMR
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	8:44	CMR
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	8:44	CMR
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	8:44	CMR
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	11/9/16	8:44	CMR
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	11/9/16	8:44	CMR
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16	8:44	CMR
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16	8:44	CMR
Ethylbenzene	0.080	0.020		0.35	0.087	0.4	11/9/16	8:44	CMR
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	11/9/16	8:44	CMR
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	11/9/16	8:44	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	11/9/16	8:44	CMR
Methylene Chloride	1.3	0.20		4.6	0.69	0.4	11/9/16	8:44	CMR
4-Methyl-2-pentanone (MIBK)	0.14	0.020		0.56	0.082	0.4	11/9/16	8:44	CMR
Styrene	0.043	0.020		0.18	0.085	0.4	11/9/16	8:44	CMR
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	11/9/16	8:44	CMR
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	11/9/16	8:44	CMR

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: MP-5**  
**Sample ID: 16J1137-11**  
 Sample Matrix: Sub Slab  
 Sampled: 10/21/2016 09:37

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 2207  
 Canister Size: 6 liter  
 Flow Controller ID: 4103  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -28  
 Final Vacuum(in Hg): -7  
 Receipt Vacuum(in Hg): -8.8  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Tetrachloroethylene	0.68	0.010		4.6	0.068	0.4	11/9/16	8:44	CMR
Toluene	0.69	0.020		2.6	0.075	0.4	11/9/16	8:44	CMR
1,1,1-Trichloroethane	0.034	0.010		0.19	0.055	0.4	11/9/16	8:44	CMR
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	11/9/16	8:44	CMR
Trichloroethylene	12	0.010		66	0.054	0.4	11/9/16	8:44	CMR
Trichlorofluoromethane (Freon 11)	2.6	0.020		15	0.11	0.4	11/9/16	8:44	CMR
1,2,4-Trimethylbenzene	0.15	0.020		0.74	0.098	0.4	11/9/16	8:44	CMR
1,3,5-Trimethylbenzene	0.038	0.020		0.18	0.098	0.4	11/9/16	8:44	CMR
Vinyl Chloride	ND	0.010		ND	0.026	0.4	11/9/16	8:44	CMR
m&p-Xylene	0.25	0.040		1.1	0.17	0.4	11/9/16	8:44	CMR
o-Xylene	0.088	0.020		0.38	0.087	0.4	11/9/16	8:44	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	96.5	70-130	11/9/16 8:44
4-Bromofluorobenzene (2)	95.4	70-130	11/9/16 8:44

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: MP-7**  
**Sample ID: 16J1137-12**  
 Sample Matrix: Sub Slab  
 Sampled: 10/21/2016 09:39

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 2161  
 Canister Size: 6 liter  
 Flow Controller ID: 4104  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -30  
 Final Vacuum(in Hg): -7  
 Receipt Vacuum(in Hg): -6.8  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	9.2	0.80		22	1.9	0.4	11/9/16	9:43	CMR
Acrylonitrile	ND	0.12		ND	0.25	0.4	11/9/16	9:43	CMR
Benzene	0.18	0.020		0.58	0.064	0.4	11/9/16	9:43	CMR
Bromodichloromethane	ND	0.010		ND	0.067	0.4	11/9/16	9:43	CMR
Bromoform	ND	0.020		ND	0.21	0.4	11/9/16	9:43	CMR
2-Butanone (MEK)	1.1	0.80		3.3	2.4	0.4	11/9/16	9:43	CMR
n-Butylbenzene	ND	0.058		ND	0.32	0.4	11/9/16	9:43	CMR
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	11/9/16	9:43	CMR
Carbon Tetrachloride	0.070	0.010		0.44	0.063	0.4	11/9/16	9:43	CMR
Chlorobenzene	ND	0.020		ND	0.092	0.4	11/9/16	9:43	CMR
Chloroethane	0.033	0.020		0.088	0.053	0.4	11/9/16	9:43	CMR
Chloroform	0.025	0.010		0.12	0.049	0.4	11/9/16	9:43	CMR
Chloromethane	ND	0.040		ND	0.083	0.4	11/9/16	9:43	CMR
Dibromochloromethane	ND	0.010		ND	0.085	0.4	11/9/16	9:43	CMR
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	11/9/16	9:43	CMR
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	9:43	CMR
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	9:43	CMR
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16	9:43	CMR
Dichlorodifluoromethane (Freon 12)	0.12	0.020		0.58	0.099	0.4	11/9/16	9:43	CMR
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16	9:43	CMR
1,2-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16	9:43	CMR
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	9:43	CMR
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	9:43	CMR
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16	9:43	CMR
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	11/9/16	9:43	CMR
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	11/9/16	9:43	CMR
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16	9:43	CMR
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16	9:43	CMR
Ethylbenzene	0.056	0.020		0.24	0.087	0.4	11/9/16	9:43	CMR
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	11/9/16	9:43	CMR
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	11/9/16	9:43	CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	11/9/16	9:43	CMR
Methylene Chloride	ND	0.20		ND	0.69	0.4	11/9/16	9:43	CMR
4-Methyl-2-pentanone (MIBK)	0.16	0.020		0.64	0.082	0.4	11/9/16	9:43	CMR
Styrene	0.041	0.020		0.17	0.085	0.4	11/9/16	9:43	CMR
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	11/9/16	9:43	CMR
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	11/9/16	9:43	CMR

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: MP-7**  
**Sample ID: 16J1137-12**  
 Sample Matrix: Sub Slab  
 Sampled: 10/21/2016 09:39

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 2161  
 Canister Size: 6 liter  
 Flow Controller ID: 4104  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -30  
 Final Vacuum(in Hg): -7  
 Receipt Vacuum(in Hg): -6.8  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Tetrachloroethylene	0.11	0.010		0.75	0.068	0.4	11/9/16	9:43	CMR
Toluene	0.49	0.020		1.8	0.075	0.4	11/9/16	9:43	CMR
1,1,1-Trichloroethane	0.015	0.010		0.083	0.055	0.4	11/9/16	9:43	CMR
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	11/9/16	9:43	CMR
Trichloroethylene	0.21	0.010		1.1	0.054	0.4	11/9/16	9:43	CMR
Trichlorofluoromethane (Freon 11)	0.68	0.020		3.8	0.11	0.4	11/9/16	9:43	CMR
1,2,4-Trimethylbenzene	0.23	0.020		1.1	0.098	0.4	11/9/16	9:43	CMR
1,3,5-Trimethylbenzene	0.038	0.020		0.19	0.098	0.4	11/9/16	9:43	CMR
Vinyl Chloride	ND	0.010		ND	0.026	0.4	11/9/16	9:43	CMR
m&p-Xylene	0.18	0.040		0.77	0.17	0.4	11/9/16	9:43	CMR
o-Xylene	0.063	0.020		0.27	0.087	0.4	11/9/16	9:43	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	96.2	70-130	11/9/16 9:43
4-Bromofluorobenzene (2)	92.8	70-130	11/9/16 9:43

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: MP-8**  
**Sample ID: 16J1137-13**  
 Sample Matrix: Sub Slab  
 Sampled: 10/21/2016 08:47

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1022  
 Canister Size: 6 liter  
 Flow Controller ID: 4070  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -30  
 Final Vacuum(in Hg): -6  
 Receipt Vacuum(in Hg): -6.8  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	4.9	0.80		12	1.9	0.4	11/9/16 10:38		CMR
Acrylonitrile	ND	0.12		ND	0.25	0.4	11/9/16 10:38		CMR
Benzene	0.42	0.020		1.3	0.064	0.4	11/9/16 10:38		CMR
Bromodichloromethane	ND	0.010		ND	0.067	0.4	11/9/16 10:38		CMR
Bromoform	ND	0.020		ND	0.21	0.4	11/9/16 10:38		CMR
2-Butanone (MEK)	1.1	0.80		3.3	2.4	0.4	11/9/16 10:38		CMR
n-Butylbenzene	ND	0.058		ND	0.32	0.4	11/9/16 10:38		CMR
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	11/9/16 10:38		CMR
Carbon Tetrachloride	0.073	0.010		0.46	0.063	0.4	11/9/16 10:38		CMR
Chlorobenzene	ND	0.020		ND	0.092	0.4	11/9/16 10:38		CMR
Chloroethane	ND	0.020		ND	0.053	0.4	11/9/16 10:38		CMR
Chloroform	0.047	0.010		0.23	0.049	0.4	11/9/16 10:38		CMR
Chloromethane	0.70	0.040		1.4	0.083	0.4	11/9/16 10:38		CMR
Dibromochloromethane	ND	0.010		ND	0.085	0.4	11/9/16 10:38		CMR
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	11/9/16 10:38		CMR
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16 10:38		CMR
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16 10:38		CMR
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16 10:38		CMR
Dichlorodifluoromethane (Freon 12)	0.11	0.020		0.56	0.099	0.4	11/9/16 10:38		CMR
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16 10:38		CMR
1,2-Dichloroethane	0.011	0.010		0.045	0.040	0.4	11/9/16 10:38		CMR
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16 10:38		CMR
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16 10:38		CMR
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16 10:38		CMR
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	11/9/16 10:38		CMR
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	11/9/16 10:38		CMR
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16 10:38		CMR
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16 10:38		CMR
Ethylbenzene	0.14	0.020		0.62	0.087	0.4	11/9/16 10:38		CMR
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	11/9/16 10:38		CMR
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	11/9/16 10:38		CMR
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	11/9/16 10:38		CMR
Methylene Chloride	0.65	0.20		2.3	0.69	0.4	11/9/16 10:38		CMR
4-Methyl-2-pentanone (MIBK)	0.19	0.020		0.76	0.082	0.4	11/9/16 10:38		CMR
Styrene	0.053	0.020		0.22	0.085	0.4	11/9/16 10:38		CMR
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	11/9/16 10:38		CMR
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	11/9/16 10:38		CMR

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: MP-8**  
**Sample ID: 16J1137-13**  
 Sample Matrix: Sub Slab  
 Sampled: 10/21/2016 08:47

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1022  
 Canister Size: 6 liter  
 Flow Controller ID: 4070  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -30  
 Final Vacuum(in Hg): -6  
 Receipt Vacuum(in Hg): -6.8  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Tetrachloroethylene	0.12	0.010		0.83	0.068	0.4	11/9/16	10:38	CMR
Toluene	1.1	0.020		4.2	0.075	0.4	11/9/16	10:38	CMR
1,1,1-Trichloroethane	0.017	0.010		0.094	0.055	0.4	11/9/16	10:38	CMR
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	11/9/16	10:38	CMR
Trichloroethylene	0.058	0.010		0.31	0.054	0.4	11/9/16	10:38	CMR
Trichlorofluoromethane (Freon 11)	0.27	0.020		1.5	0.11	0.4	11/9/16	10:38	CMR
1,2,4-Trimethylbenzene	0.24	0.020		1.2	0.098	0.4	11/9/16	10:38	CMR
1,3,5-Trimethylbenzene	0.058	0.020		0.28	0.098	0.4	11/9/16	10:38	CMR
Vinyl Chloride	ND	0.010		ND	0.026	0.4	11/9/16	10:38	CMR
m&p-Xylene	0.46	0.040		2.0	0.17	0.4	11/9/16	10:38	CMR
o-Xylene	0.17	0.020		0.72	0.087	0.4	11/9/16	10:38	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	97.0	70-130	11/9/16 10:38
4-Bromofluorobenzene (2)	94.1	70-130	11/9/16 10:38

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: IMP-1**  
**Sample ID: 16J1137-14**  
 Sample Matrix: Sub Slab  
 Sampled: 10/21/2016 11:55

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1452  
 Canister Size: 6 liter  
 Flow Controller ID: 4193  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -29  
 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		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	12	0.80		29	1.9	0.4	11/9/16 12:17	CMR	
Acrylonitrile	ND	0.12		ND	0.25	0.4	11/9/16 12:17	CMR	
Benzene	0.12	0.020		0.39	0.064	0.4	11/9/16 12:17	CMR	
Bromodichloromethane	ND	0.010		ND	0.067	0.4	11/9/16 12:17	CMR	
Bromoform	ND	0.020		ND	0.21	0.4	11/9/16 12:17	CMR	
2-Butanone (MEK)	1.7	0.80		5.1	2.4	0.4	11/9/16 12:17	CMR	
n-Butylbenzene	ND	0.058		ND	0.32	0.4	11/9/16 12:17	CMR	
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	11/9/16 12:17	CMR	
Carbon Tetrachloride	0.076	0.010		0.48	0.063	0.4	11/9/16 12:17	CMR	
Chlorobenzene	ND	0.020		ND	0.092	0.4	11/9/16 12:17	CMR	
Chloroethane	ND	0.020		ND	0.053	0.4	11/9/16 12:17	CMR	
Chloroform	0.020	0.010		0.100	0.049	0.4	11/9/16 12:17	CMR	
Chloromethane	0.44	0.040		0.90	0.083	0.4	11/9/16 12:17	CMR	
Dibromochloromethane	ND	0.010		ND	0.085	0.4	11/9/16 12:17	CMR	
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	11/9/16 12:17	CMR	
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16 12:17	CMR	
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16 12:17	CMR	
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16 12:17	CMR	
Dichlorodifluoromethane (Freon 12)	0.10	0.020		0.51	0.099	0.4	11/9/16 12:17	CMR	
1,1-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16 12:17	CMR	
1,2-Dichloroethane	ND	0.010		ND	0.040	0.4	11/9/16 12:17	CMR	
1,1-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16 12:17	CMR	
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16 12:17	CMR	
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16 12:17	CMR	
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	11/9/16 12:17	CMR	
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	11/9/16 12:17	CMR	
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16 12:17	CMR	
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16 12:17	CMR	
Ethylbenzene	0.27	0.020		1.2	0.087	0.4	11/9/16 12:17	CMR	
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	11/9/16 12:17	CMR	
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	11/9/16 12:17	CMR	
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	11/9/16 12:17	CMR	
Methylene Chloride	0.31	0.20		1.1	0.69	0.4	11/9/16 12:17	CMR	
4-Methyl-2-pentanone (MIBK)	0.62	0.020		2.5	0.082	0.4	11/9/16 12:17	CMR	
Styrene	0.75	0.020		3.2	0.085	0.4	11/9/16 12:17	CMR	
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	11/9/16 12:17	CMR	
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	11/9/16 12:17	CMR	

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: IMP-1**  
**Sample ID: 16J1137-14**  
 Sample Matrix: Sub Slab  
 Sampled: 10/21/2016 11:55

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 1452  
 Canister Size: 6 liter  
 Flow Controller ID: 4193  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -29  
 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		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Tetrachloroethylene	0.057	0.010		0.39	0.068	0.4	11/9/16	12:17	CMR
Toluene	0.51	0.020		1.9	0.075	0.4	11/9/16	12:17	CMR
1,1,1-Trichloroethane	0.016	0.010		0.089	0.055	0.4	11/9/16	12:17	CMR
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	11/9/16	12:17	CMR
Trichloroethylene	0.034	0.010		0.18	0.054	0.4	11/9/16	12:17	CMR
Trichlorofluoromethane (Freon 11)	0.24	0.020		1.3	0.11	0.4	11/9/16	12:17	CMR
1,2,4-Trimethylbenzene	0.32	0.020		1.6	0.098	0.4	11/9/16	12:17	CMR
1,3,5-Trimethylbenzene	0.11	0.020		0.53	0.098	0.4	11/9/16	12:17	CMR
Vinyl Chloride	ND	0.010		ND	0.026	0.4	11/9/16	12:17	CMR
m&p-Xylene	0.94	0.040		4.1	0.17	0.4	11/9/16	12:17	CMR
o-Xylene	0.30	0.020		1.3	0.087	0.4	11/9/16	12:17	CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	97.4	70-130	11/9/16 12:17
4-Bromofluorobenzene (2)	97.8	70-130	11/9/16 12:17

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: IMP-3**  
**Sample ID: 16J1137-15**  
 Sample Matrix: Sub Slab  
 Sampled: 10/21/2016 11:31

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 2199  
 Canister Size: 6 liter  
 Flow Controller ID: 4172  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -27  
 Final Vacuum(in Hg): -4  
 Receipt Vacuum(in Hg): -7.2  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Acetone	22	0.80		52	1.9	0.4	11/9/16 13:16	CMR	
Acrylonitrile	ND	0.12		ND	0.25	0.4	11/9/16 13:16	CMR	
Benzene	ND	0.020		ND	0.064	0.4	11/9/16 13:16	CMR	
Bromodichloromethane	ND	0.010		ND	0.067	0.4	11/9/16 13:16	CMR	
Bromoform	ND	0.020		ND	0.21	0.4	11/9/16 13:16	CMR	
2-Butanone (MEK)	2.8	0.80		8.3	2.4	0.4	11/9/16 13:16	CMR	
n-Butylbenzene	ND	0.058		ND	0.32	0.4	11/9/16 13:16	CMR	
sec-Butylbenzene	ND	0.046		ND	0.25	0.4	11/9/16 13:16	CMR	
Carbon Tetrachloride	0.075	0.010		0.47	0.063	0.4	11/9/16 13:16	CMR	
Chlorobenzene	ND	0.020		ND	0.092	0.4	11/9/16 13:16	CMR	
Chloroethane	ND	0.020		ND	0.053	0.4	11/9/16 13:16	CMR	
Chloroform	0.040	0.010		0.20	0.049	0.4	11/9/16 13:16	CMR	
Chloromethane	0.40	0.040		0.82	0.083	0.4	11/9/16 13:16	CMR	
Dibromochloromethane	ND	0.010		ND	0.085	0.4	11/9/16 13:16	CMR	
1,2-Dibromoethane (EDB)	ND	0.010		ND	0.077	0.4	11/9/16 13:16	CMR	
1,2-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16 13:16	CMR	
1,3-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16 13:16	CMR	
1,4-Dichlorobenzene	ND	0.020		ND	0.12	0.4	11/9/16 13:16	CMR	
Dichlorodifluoromethane (Freon 12)	0.10	0.020		0.51	0.099	0.4	11/9/16 13:16	CMR	
1,1-Dichloroethane	0.060	0.010		0.24	0.040	0.4	11/9/16 13:16	CMR	
1,2-Dichloroethane	0.013	0.010		0.052	0.040	0.4	11/9/16 13:16	CMR	
1,1-Dichloroethylene	0.16	0.010		0.63	0.040	0.4	11/9/16 13:16	CMR	
cis-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16 13:16	CMR	
trans-1,2-Dichloroethylene	ND	0.010		ND	0.040	0.4	11/9/16 13:16	CMR	
1,2-Dichloropropane	ND	0.010		ND	0.046	0.4	11/9/16 13:16	CMR	
1,3-Dichloropropane	ND	0.054		ND	0.25	0.4	11/9/16 13:16	CMR	
cis-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16 13:16	CMR	
trans-1,3-Dichloropropene	ND	0.010		ND	0.045	0.4	11/9/16 13:16	CMR	
Ethylbenzene	0.12	0.020		0.52	0.087	0.4	11/9/16 13:16	CMR	
Isopropylbenzene (Cumene)	ND	0.051		ND	0.25	0.4	11/9/16 13:16	CMR	
p-Isopropyltoluene (p-Cymene)	ND	0.046		ND	0.25	0.4	11/9/16 13:16	CMR	
Methyl tert-Butyl Ether (MTBE)	ND	0.020		ND	0.072	0.4	11/9/16 13:16	CMR	
Methylene Chloride	0.49	0.20		1.7	0.69	0.4	11/9/16 13:16	CMR	
4-Methyl-2-pentanone (MIBK)	0.30	0.020		1.2	0.082	0.4	11/9/16 13:16	CMR	
Styrene	0.15	0.020		0.63	0.085	0.4	11/9/16 13:16	CMR	
1,1,1,2-Tetrachloroethane	ND	0.036		ND	0.25	0.4	11/9/16 13:16	CMR	
1,1,2,2-Tetrachloroethane	ND	0.010		ND	0.069	0.4	11/9/16 13:16	CMR	

**ANALYTICAL RESULTS**

Project Location: Alvarez - Providence, RI  
 Date Received: 10/24/2016  
**Field Sample #: IMP-3**  
**Sample ID: 16J1137-15**  
 Sample Matrix: Sub Slab  
 Sampled: 10/21/2016 11:31

Sample Description/Location:  
 Sub Description/Location:  
 Canister ID: 2199  
 Canister Size: 6 liter  
 Flow Controller ID: 4172  
 Sample Type: 30 min

**Work Order: 16J1137**  
 Initial Vacuum(in Hg): -27  
 Final Vacuum(in Hg): -4  
 Receipt Vacuum(in Hg): -7.2  
 Flow Controller Type: Fixed-Orifice  
 Flow Controller Calibration  
 RPD Pre and Post-Sampling:

**EPA TO-15**

Analyte	ppbv		Flag/Qual	ug/m3		Dilution	Date/Time		Analyst
	Results	RL		Results	RL		Analyzed		
Tetrachloroethylene	0.14	0.010		0.93	0.068	0.4	11/9/16 13:16		CMR
Toluene	0.65	0.020		2.5	0.075	0.4	11/9/16 13:16		CMR
1,1,1-Trichloroethane	0.25	0.010		1.4	0.055	0.4	11/9/16 13:16		CMR
1,1,2-Trichloroethane	ND	0.010		ND	0.055	0.4	11/9/16 13:16		CMR
Trichloroethylene	1.1	0.010		5.7	0.054	0.4	11/9/16 13:16		CMR
Trichlorofluoromethane (Freon 11)	1.1	0.020		5.9	0.11	0.4	11/9/16 13:16		CMR
1,2,4-Trimethylbenzene	0.26	0.020		1.3	0.098	0.4	11/9/16 13:16		CMR
1,3,5-Trimethylbenzene	0.068	0.020		0.34	0.098	0.4	11/9/16 13:16		CMR
Vinyl Chloride	0.014	0.010		0.035	0.026	0.4	11/9/16 13:16		CMR
m&p-Xylene	0.39	0.040		1.7	0.17	0.4	11/9/16 13:16		CMR
o-Xylene	0.14	0.020		0.62	0.087	0.4	11/9/16 13:16		CMR

Surrogates	% Recovery	% REC Limits	
4-Bromofluorobenzene (1)	96.7	70-130	11/9/16 13:16
4-Bromofluorobenzene (2)	93.5	70-130	11/9/16 13:16

**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
16J1137-01 [Gymnasium]	B162948	1	1	N/A	1000	400	1000	11/08/16
16J1137-02 [Cafeteria]	B162948	1	1	N/A	1000	400	1000	11/08/16
16J1137-03 [Kitchen Storage Room]	B162948	1	1	N/A	1000	400	1000	11/08/16
16J1137-04 [Elevator Hallway]	B162948	1	1	N/A	1000	400	1000	11/08/16
16J1137-05 [Room 145]	B162948	1	1	N/A	1000	400	1000	11/08/16
16J1137-06 [Room 152]	B162948	1	1	N/A	1000	400	1000	11/08/16
16J1137-07 [Room 118]	B162948	1	1	N/A	1000	400	1000	11/08/16
16J1137-08 [Room 110]	B162948	1	1	N/A	1000	400	1000	11/08/16
16J1137-09 [Ambient Outdoor]	B162948	1	1	N/A	1000	400	1000	11/08/16
16J1137-10 [MP-2]	B162948	1	1	N/A	1000	400	1000	11/08/16
16J1137-11 [MP-5]	B162948	1	1	N/A	1000	400	1000	11/08/16
16J1137-12 [MP-7]	B162948	1	1	N/A	1000	400	1000	11/08/16
16J1137-13 [MP-8]	B162948	1	1	N/A	1000	400	1000	11/08/16
16J1137-14 [IMP-1]	B162948	1	1	N/A	1000	400	1000	11/08/16
16J1137-15 [IMP-3]	B162948	1	1	N/A	1000	400	1000	11/08/16

QUALITY CONTROL

Air Toxics by EPA Compendium Methods - Quality Control

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

Batch B162948 - TO-15 Prep

Blank (B162948-BLK1)

Prepared & Analyzed: 11/08/16

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	0.010
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	0.020
1,2,4-Trimethylbenzene	ND	0.020
1,3,5-Trimethylbenzene	ND	0.020
Vinyl Chloride	ND	0.010

**QUALITY CONTROL**

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

Analyte	ppbv		ug/m3		Spike Level	Source	%REC	%REC	RPD	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	Limits	RPD	Limit		
<b>Batch B162948 - TO-15 Prep</b>											
<b>Blank (B162948-BLK1)</b>						Prepared & Analyzed: 11/08/16					
m&p-Xylene	ND	0.040									
o-Xylene	ND	0.020									
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	8.07				8.00		101	70-130			
<i>Surrogate: 4-Bromofluorobenzene (2)</i>	7.78				8.00		97.2	70-130			
<b>LCS (B162948-BS1)</b>						Prepared & Analyzed: 11/08/16					
Acetone	6.23				5.00		125	70-130			
Benzene	4.61				5.00		92.1	70-130			
Bromodichloromethane	4.65				5.00		93.0	70-130			
Bromoform	6.11				5.00		122	70-130			
2-Butanone (MEK)	4.58				5.00		91.6	70-130			
Carbon Tetrachloride	4.60				5.00		92.1	70-130			
Chlorobenzene	4.69				5.00		93.9	70-130			
Chloroethane	5.29				5.00		106	70-130			
Chloroform	4.22				5.00		84.5	70-130			
Chloromethane	6.05				5.00		121	70-130			
Dibromochloromethane	5.45				5.00		109	70-130			
1,2-Dibromoethane (EDB)	5.15				5.00		103	70-130			
1,2-Dichlorobenzene	5.43				5.00		109	70-130			
1,3-Dichlorobenzene	5.75				5.00		115	70-130			
1,4-Dichlorobenzene	5.59				5.00		112	70-130			
Dichlorodifluoromethane (Freon 12)	3.57				5.00		71.3	70-130			
1,1-Dichloroethane	4.25				5.00		85.0	70-130			
1,2-Dichloroethane	4.41				5.00		88.2	70-130			
1,1-Dichloroethylene	5.13				5.00		103	70-130			
cis-1,2-Dichloroethylene	4.02				5.00		80.4	70-130			
trans-1,2-Dichloroethylene	4.31				5.00		86.2	70-130			
1,2-Dichloropropane	4.12				5.00		82.3	70-130			
cis-1,3-Dichloropropene	4.95				5.00		99.0	70-130			
trans-1,3-Dichloropropene	4.72				5.00		94.5	70-130			
Ethylbenzene	4.86				5.00		97.3	70-130			
Methyl tert-Butyl Ether (MTBE)	4.44				5.00		88.9	70-130			
Methylene Chloride	5.20				5.00		104	70-130			
4-Methyl-2-pentanone (MIBK)	4.93				5.00		98.5	70-130			
Styrene	4.48				5.00		89.7	70-130			
1,1,2,2-Tetrachloroethane	5.02				5.00		100	70-130			
Tetrachloroethylene	5.23				5.00		105	70-130			
Toluene	4.82				5.00		96.3	70-130			
1,1,1-Trichloroethane	4.29				5.00		85.9	70-130			
1,1,2-Trichloroethane	4.81				5.00		96.2	70-130			
Trichloroethylene	4.52				5.00		90.4	70-130			
Trichlorofluoromethane (Freon 11)	4.87				5.00		97.4	70-130			
1,2,4-Trimethylbenzene	5.07				5.00		101	70-130			
1,3,5-Trimethylbenzene	4.97				5.00		99.3	70-130			
Vinyl Chloride	5.30				5.00		106	70-130			
m&p-Xylene	10.3				10.0		103	70-130			
o-Xylene	4.85				5.00		97.1	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		ug/m3		Spike Level	Source	%REC	%REC	RPD	Flag/Qual
	Results	RL	Results	RL	ppbv	Result	Limits	RPD	Limit	
<b>Batch B162948 - TO-15 Prep</b>										
<b>LCS (B162948-BS1)</b>					Prepared & Analyzed: 11/08/16					
<i>Surrogate: 4-Bromofluorobenzene (1)</i>	7.75				8.00		96.9	70-130		
<b>LCS (B162948-BS2)</b>					Prepared & Analyzed: 11/08/16					
Acrylonitrile	3.71				2.88		129	70-130		V-06
n-Butylbenzene	1.08				1.14		94.8	70-130		
sec-Butylbenzene	0.995				1.14		87.3	70-130		
1,3-Dichloropropane	1.33				1.35		98.3	70-130		
Isopropylbenzene (Cumene)	1.22				1.27		96.1	70-130		
p-Isopropyltoluene (p-Cymene)	1.16				1.14		102	70-130		
1,1,1,2-Tetrachloroethane	1.27				0.910		<b>140</b> *	70-130		L-01, V-06
<i>Surrogate: 4-Bromofluorobenzene (2)</i>	7.44				8.00		93.0	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
DL	Method Detection Limit
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.
V-06	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.

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
<i>EPA TO-15 in Air</i>	
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

**CERTIFICATIONS**

**Certified Analyses included in this Report**

Analyte	Certifications
---------	----------------

*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	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2017
CT	Connecticut Department of Public Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2017
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2017
RI	Rhode Island Department of Health	LAO00112	12/30/2016
NC	North Carolina Div. of Water Quality	652	12/31/2016
NJ	New Jersey DEP	MA007 NELAP	06/30/2017
FL	Florida Department of Health	E871027 NELAP	06/30/2017
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2017
ME	State of Maine	2011028	06/9/2017
VA	Commonwealth of Virginia	460217	12/14/2016
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017



CHAIN OF CUSTODY RECORD (AIR)

39 Spruce Street  
 East Longmeadow, MA 01028

Page 1 of 2

ANALYSIS REQUESTED

Requested Turnaround Time:  
 7-Day  10-Day   
 Other: \_\_\_\_\_

Rush Approval Required:  
 1-Day  3-Day   
 2-Day  4-Day

Data Delivery:  
 Format: PDF  EXCEL   
 Other: \_\_\_\_\_

Enhanced Data Package Required:   
 Email To: Cmaxwell@east.com  
 Fax To #: \_\_\_\_\_

Company Name: EA Engineering  
 Address: Metro Center Blvd  
 Phone: 401-736-3440  
 Project Name: Hivarez  
 Project Location: Providence, RI  
 Project Number: 15066-04  
 Project Manager: Frank Postma  
 Con-Test Bid: \_\_\_\_\_  
 Invoice Recipient: MADINA@east.com  
 Sampled By: C. Maxwell

Lab Use Con-Test Work Order#	Client Use Client Sample ID / Description	Collection Data		Duration Total Minutes Sampled	Flow Rate		Matrix Code	Volume Liters m <sup>3</sup>	Pressure (in Hg)			Flow Controller ID	
		Beginning Date/Time	Ending Date/Time		m <sup>3</sup> /min	L/min			Initial Pressure	Final Pressure	Lab Receipt Pressure		
01	Gymnasium	10/21/16 11:17	10/21/16 11:49	32			1A	6	-28	-4	5.5	2203	4192
02	Cafeteria	0944	1014	30					-28	-6	2.2	281	4089
03	Kitchen Storage Rm	0948	1018	30					-28	-4	1.6	1824	4292
04	Elevator Hallway	0940	1010	30					-29	-7	5.5	1823	4088
05	Room 145	1031	1101	30					-25	-0.5	5.5	1506	4183
06	Room 152	1031	1107	30					21	0	3.1	2140	41873
07	Room 118	1057	1120	29					29	5	1.6	1979	4192
08	Room 118	1044	1114	30					29	3	2.9	2178	4293
09	Ambient Outdoor Air	0840	0910	30			AMB	↓	29	5	1.6	1463	4075

W1015 SIM

Comments: \_\_\_\_\_

Please use the following codes to indicate possible sample concentration within the Conc Code column above:  
 H - High; M - Medium; L - Low; C - Clean; U - Unknown

Matrix Codes:  
 SG = SOIL GAS  
 IA = INDOOR AIR  
 AMB = AMBIENT  
 SS = SUB SLAB  
 D = DUP  
 BL = BLANK  
 O = Other \_\_\_\_\_

Relinquished by: (signature) Paul Maxwell Date/Time: 10/24/16 15:14  
 Received by: (signature) \_\_\_\_\_ Date/Time: 10-24-16 17:48

Relinquished by: (signature) \_\_\_\_\_ Date/Time: 10-24-16 17:48  
 Received by: (signature) Paul Maxwell Date/Time: \_\_\_\_\_

Relinquished by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Detection Limit Requirements: \_\_\_\_\_  
 Special Requirements: \_\_\_\_\_

Enhanced Data Package Required:   
 MA MCP Required:   
 CT RCP Required:   
 per contract project specific

NEIAC and AIHA CAP: ILC Accredited

QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.  
 PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

ANALYSIS REQUESTED

Requested Turnaround Time:  
 7-Day  10-Day   
 Other: \_\_\_\_\_

Rush Approval Required:  
 1-Day  3-Day   
 2-Day  4-Day

Data Delivery:  
 Format: PDF  EXCEL   
 Other: \_\_\_\_\_

Enhanced Data Package Required:

Email To: \_\_\_\_\_  
 Fax To #: \_\_\_\_\_

Company Name: EA Engineering  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Project Name: Alvarez - see p.1  
 Project Location: \_\_\_\_\_  
 Project Number: \_\_\_\_\_  
 Project Manager: \_\_\_\_\_  
 Con-Test Bid: \_\_\_\_\_  
 Invoice Recipient: \_\_\_\_\_  
 Sampled By: \_\_\_\_\_

Lab Receipt Pressure \_\_\_\_\_  
 Final Pressure \_\_\_\_\_  
 Initial Pressure \_\_\_\_\_

" Hg \_\_\_\_\_

Please fill out completely, sign, date and retain the yellow copy for your records

Summa canisters and flow controllers must be returned within 15 days of receipt or rental fees will apply

For summa canister and flow controller information please refer to Con-Test's Air Media Agreement

Lab Use	Con-Test Work Order #	Client Use	Collection Data		Duration	Flow Rate	Matrix	Volume	Flow Controller ID
			Beginning Date/Time	Ending Date/Time					
	10	MP-2	0831	0834	31		SS	4	1977
	11	MP-5	0902	0937	35				2207
	12	MP-7	0857	0939	42				4104
	13	MP-8	0817	0847	30				1022
	14	IMP-1	1124	1155	31				1452
	15	IMP-3	1101	1131	30				4172

Comments: \_\_\_\_\_

Please use the following codes to indicate possible sample concentration within the Conc Code column above:  
 H - High; M - Medium; L - Low; C - Clean; U - Unknown

Special Requirements:  
 Detection Limit Requirements: MA  MA MCP Required   
 CT  CT RCP Required

Enhanced Data Package Required

Relinquished by: (signature) Paul Maxwell Date/Time: 10/29/16 15:15  
 Received by: (signature) Paul Chastain Date/Time: 10/29/16 15:47  
 Relinquished by: (signature) Paul Chastain Date/Time: 10/29/16 17:48  
 Received by: (signature) Paul Chastain Date/Time: 10/29/16 17:48

Relinquished by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Matrix Codes:

- SG = SOIL GAS
- IA = INDOOR AIR
- AMB = AMBIENT
- SS = SUB SLAB
- D = DUP
- BL = BLANK
- O = Other \_\_\_\_\_



39 Spruce St.  
 East Longmeadow, MA.  
 01028  
 P: 413-525-2332  
 F: 413-525-6405

**AIR Only Receipt Checklist**

CLIENT NAME EA Engineering RECEIVED BY: PB DATE: 10-24-16

- 1) Was the chain(s) of custody relinquished and signed? Yes  No
- 2) Does the chain agree with the samples? Yes  No   
 If not, explain: \_\_\_\_\_
- 3) Are all the samples in good condition? Yes  No   
 If not, explain: \_\_\_\_\_
- 4) Are there any samples "On Hold"? Yes  No  Stored where:
- 5) Are there any RUSH or SHORT HOLDING TIME samples? Yes  No   
 Who was notified \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

6) Location where samples are stored: Air Lab  
 Permission to subcontract samples? Yes  No   
 (Walk-in clients only) if not already approved  
 Client Signature: \_\_\_\_\_

7) Number of cans Individually Certified or Batch Certified? 15

Containers received at Con-Test		
	# of Containers	Types (Size, Duration)
Summa Cans (TO-14/TO-15/APH)	15	6lit
Tedlar Bags		
TO-17 Tubes		
Regulators	15	30 min
Restrictors		
Hg/Hopcalite Tube (NIOSH 6009)		
(TO-4A/ TO-10A/TO-13) PUFs		
PCB Florisil Tubes (NIOSH 5503)		
Air cassette		
PM 2.5/PM 10		
TO-11A Cartridges		
Other		

Unused Summas/PUF Media:

Unused Regulators:  
15 IC Train

- 1) Was all media (used & unused) checked into the WASP?
- 2) Were all returned summa cans, Restrictors & Regulators and PUF's documented as returned in the Air Lab Inbound/Outbound Excel Spreadsheet?

Laboratory Comments:	2203	1506	1463	1022	4070	4192	4182	4088				
	2181	2140	1977	1452	4075	4193	4183	4089				
	1824	1979	2207	2199	4103	4172	4292	4098				
	1823	2178	2161		4104	4173	4293					

Page 2 of 2

**Login Sample Receipt Checklist****(Rejection Criteria Listing - Using Sample Acceptance Policy)****Any False statement will be brought to the attention of Client**

<u>Question</u>	<u>Answer (True/False)</u>		<u>Comment</u>
	T/F/NA		
1) The coolers'/boxes' custody seal, if present, is intact.	NA		
2) The cooler or samples do not appear to have been compromised or tampered with.	T		
3) Samples were received on ice.	NA		
4) Cooler Temperature is acceptable.	NA		
5) Cooler Temperature is recorded.	NA		
6) COC is filled out in ink and legible.	T		
7) COC is filled out with all pertinent information.	T		
8) Field Sampler's name present on COC.	T		
9) Samples are received within Holding Time.	T		
10) Sample containers have legible labels.	T		
11) Containers/media are not broken or leaking and valves and caps are closed tightly.	T		
12) Sample collection date/times are provided.	T		
13) Appropriate sample/media containers are used.	T		
14) There is sufficient volume for all requested analyses, including any requested MS/MSDs.	T		
15) Trip blanks provided if applicable.	NA		

Doc #278 Rev. 5 October 2014

Who notified of False statements?

Log-In Technician Initials: PB

Date/Time:

Date/Time: 10.24.16

17:48

## APPENDIX F

### Laboratory MRL Correspondence

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39 Spruce Street  
East Longmeadow, MA 01089

September 2, 2016

Frank Postma  
EA Engineering Science & Technology  
2350 Post Road  
Warwick, RI 02886  
RE: RIDEM – Approved Action Level – Work Order 16G1007

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

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 written in a cursive, flowing style.

Tod Kopyscinski  
Laboratory Director